Supplementary Information

Inference of cell type-specific gene regulatory networks on cell

lineages from single cell omic datasets

Zhang et al.

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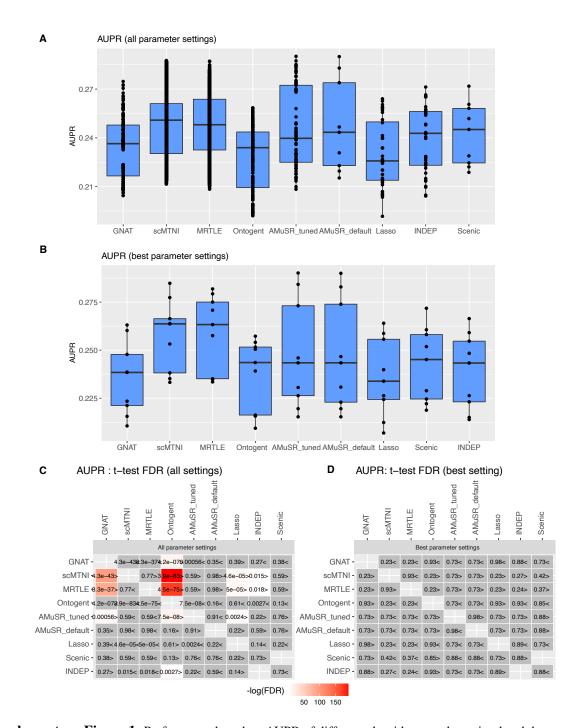
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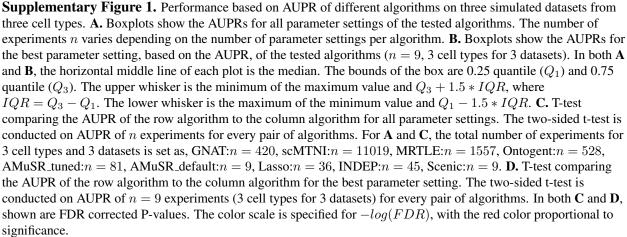
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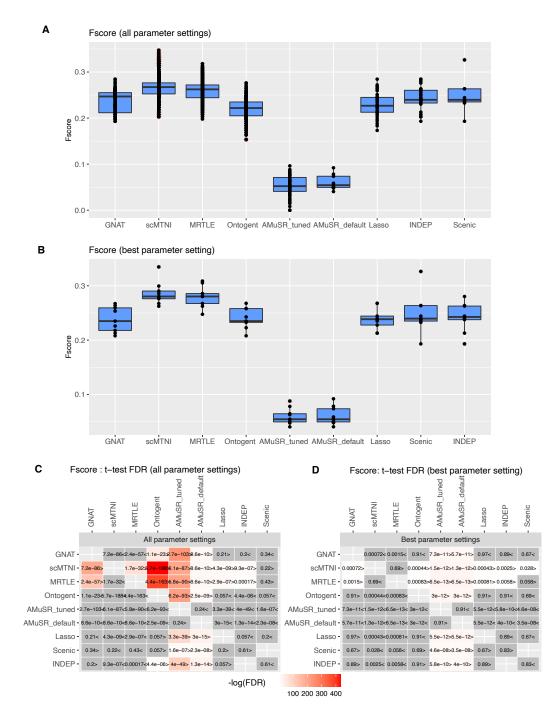
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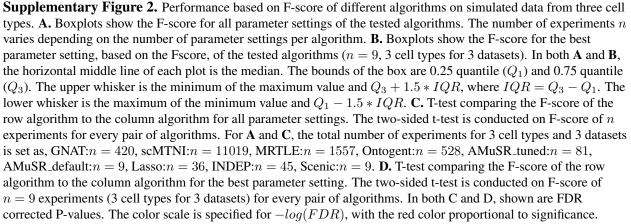
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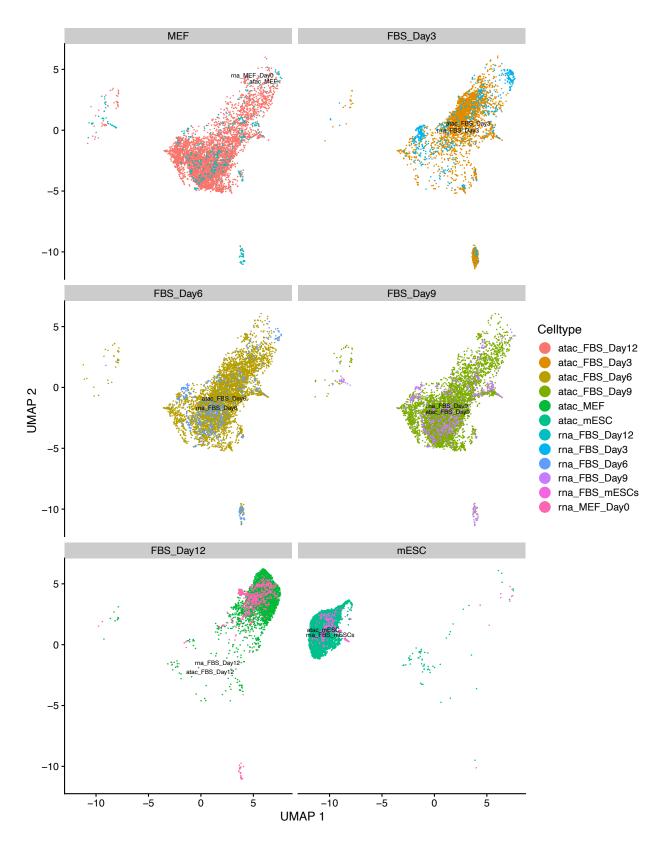
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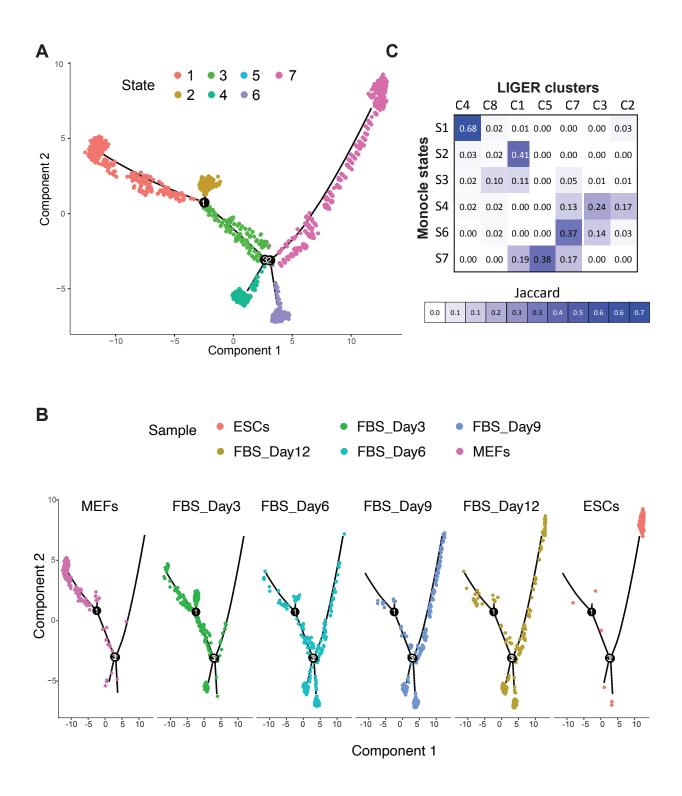




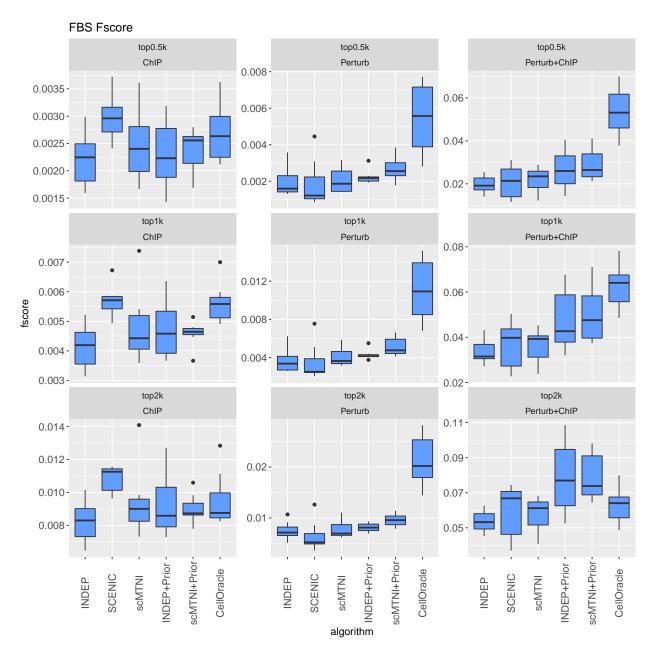




Supplementary Figure 3. UMAP depicting the sample labels of the scATAC-seq and scRNA-seq data separated by each sample for the FBS reprogramming data.

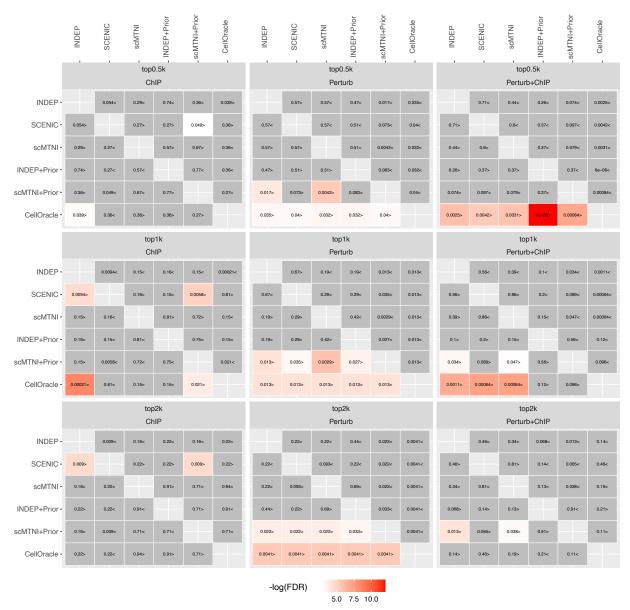


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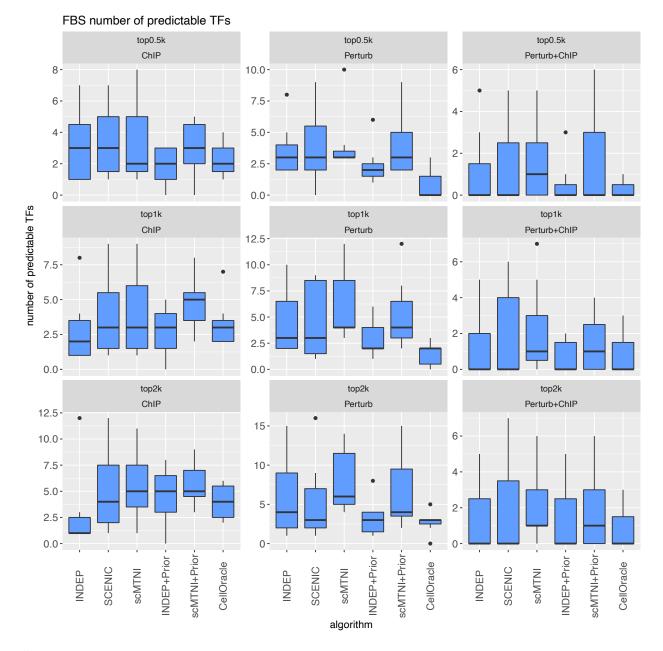


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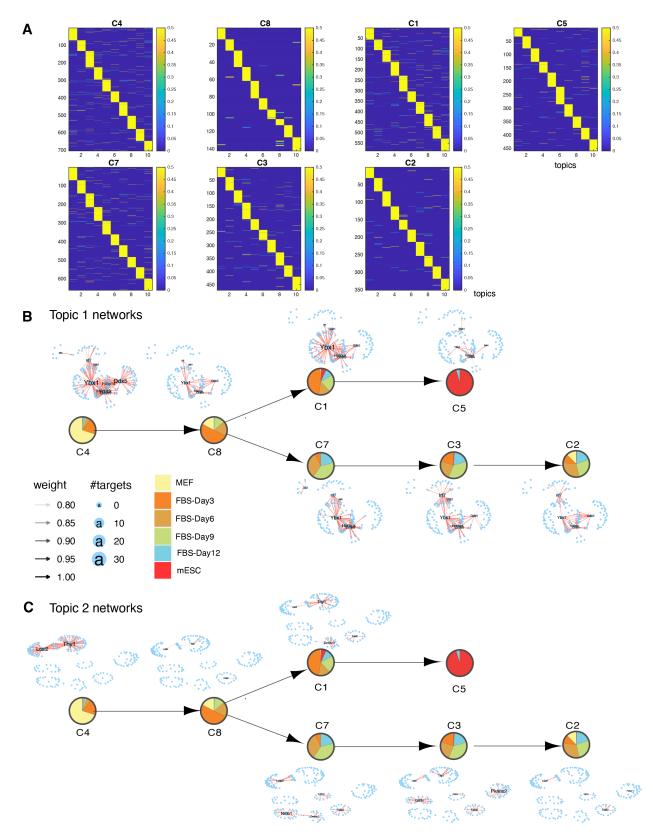
FBS F-score t-test FDR



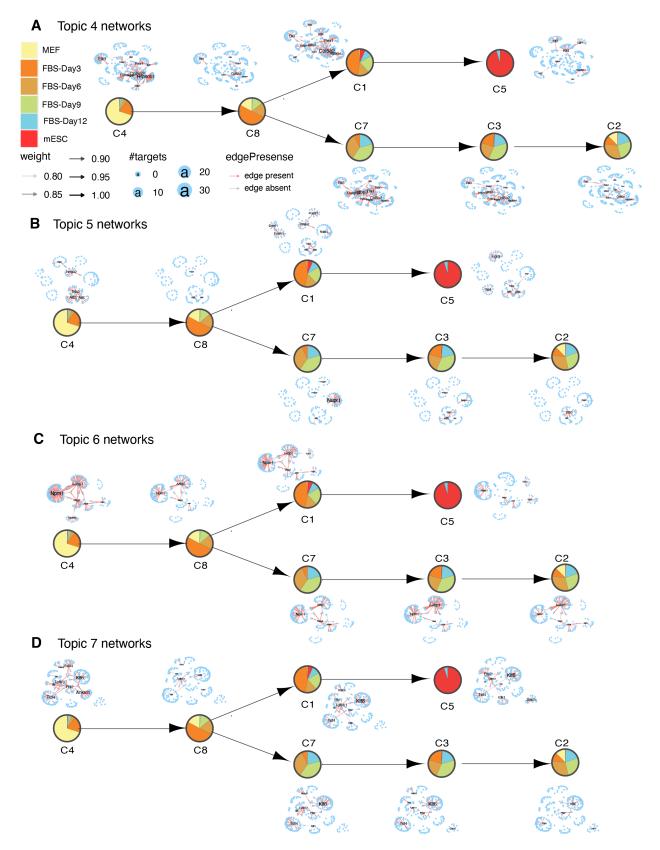
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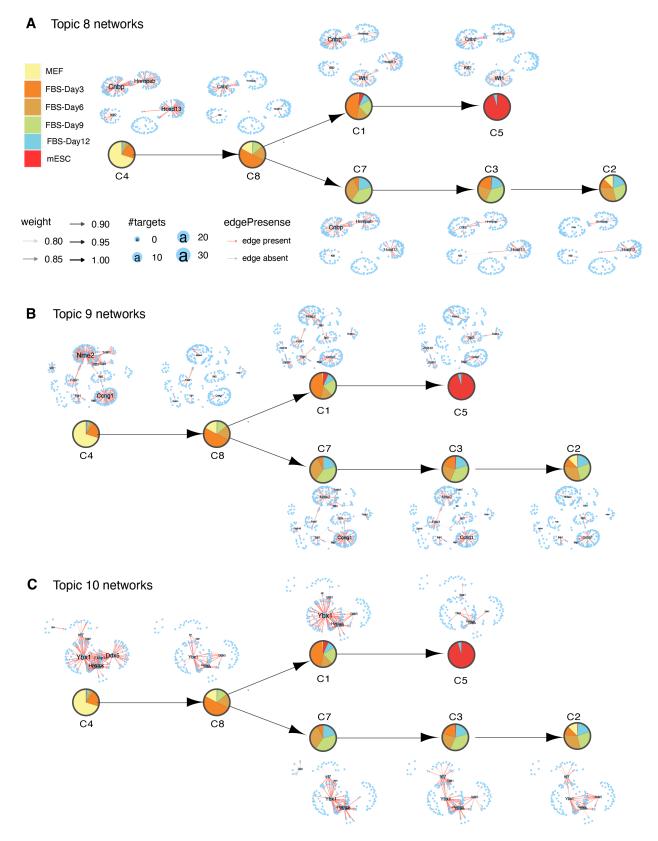
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Supplementary Figure 8. LDA analysis of scMTNI+Prior inferred networks on mouse reprogramming data. **A.** The document-topic weight matrix for all genes for all cell clusters with 10 topics. Rows correspond to regulators (documents) and columns correspond to topics. Rows are ordered based on topic membership. **B.** Topic-specific networks for each cell cluster for topic 1. **C.** Topic-specific networks for each cell cluster for topic 2.



Supplementary Figure 9. Topic-specific networks for each cell cluster identified from scMTNI networks on mouse reprogramming data for A. topic 4, B. topic 5, C. topic 6, and D topic 7.

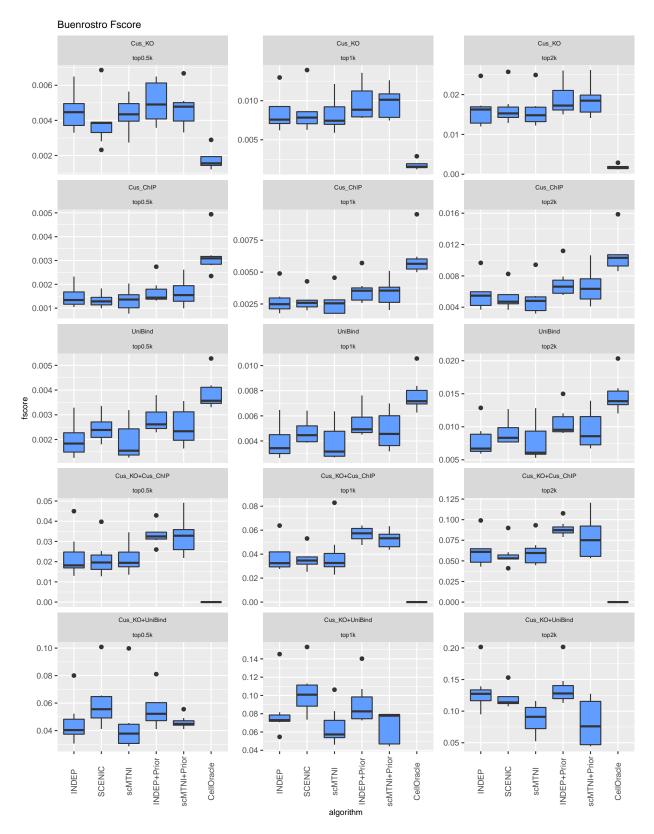


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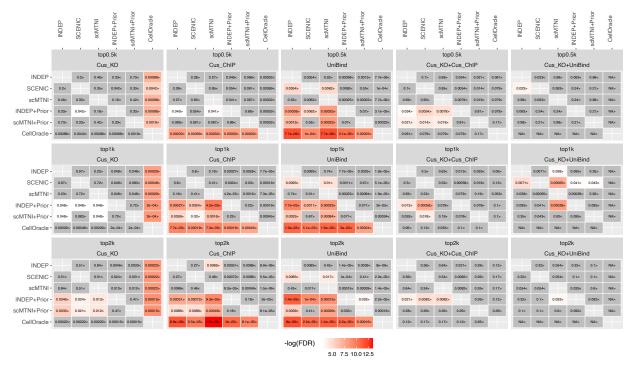
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Supplementary Figure 11. Gene Ontology (GO) process enrichment for genes associated with each LDA topic-specific network identified from mouse reprogramming data. We used FDR < 0.01 to determine significantly enriched terms. The blue intensity of the heatmap corresponds to $-\log 10$ (FDR).

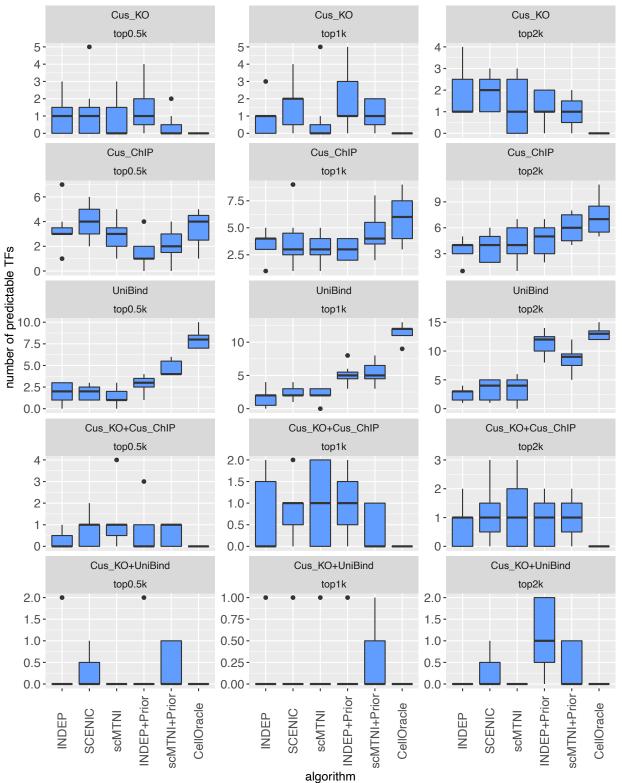


Supplementary Figure 12. F-score of top 500, 1k, 2k edges in predicted networks of scMTNI, scMTNI+Prior, INDEP, INDEP+Prior, SCENIC and CellOracle on human hematopoietic differentiation data from Buenrostro et al. Shown are results of n = 7 cell clusters (all cell clusters excluding C1) for five different gold standards (rows). In the boxplot, the horizontal middle line of each plot is the median. The bounds of the box are 0.25 quantile (Q_1) and 0.75 quantile (Q_3). The upper whisker is the minimum of the maximum value and $Q_3 + 1.5 * IQR$, where $IQR = Q_3 - Q_1$. The lower whisker is the maximum of the minimum value and $Q_1 - 1.5 * IQR$.

Buenrostro F-score t-test FDR



Supplementary Figure 13. Heatmap of FDR corrected T-test pvalues comparing the F-score of top 500, 1k, 2k edges in predicted networks of scMTNI, scMTNI+Prior, INDEP, INDEP+Prior, SCENIC and CellOracle on human hematopoietic differentiation data from Buenrostro et al. Shown are relative performance using five gold standard datasets. The two-sided paired t-test is conducted on F-scores of n = 7 cell clusters (all cell clusters excluding C1) for every pair of algorithms, comparing whether the row algorithm's F-score is higher than the column algorithm's F-score. Significant difference (FDR<0.05) is highlighted using a white-red colormap (the color scale for $-\log(FDR)$). Non-significance is colored in gray. The sign"<" or ">" specifies whether the row algorithm's F-scores were worse or better than the column algorithm's F-scores series were worse or better than the column algorithm's F-scores were worse or better than the column algorithm's F-scores were worse or better than the column algorithm's F-scores were worse or better than the column algorithm's F-scores were worse or better than the column algorithm's F-scores were worse or better than the column algorithm's F-scores.



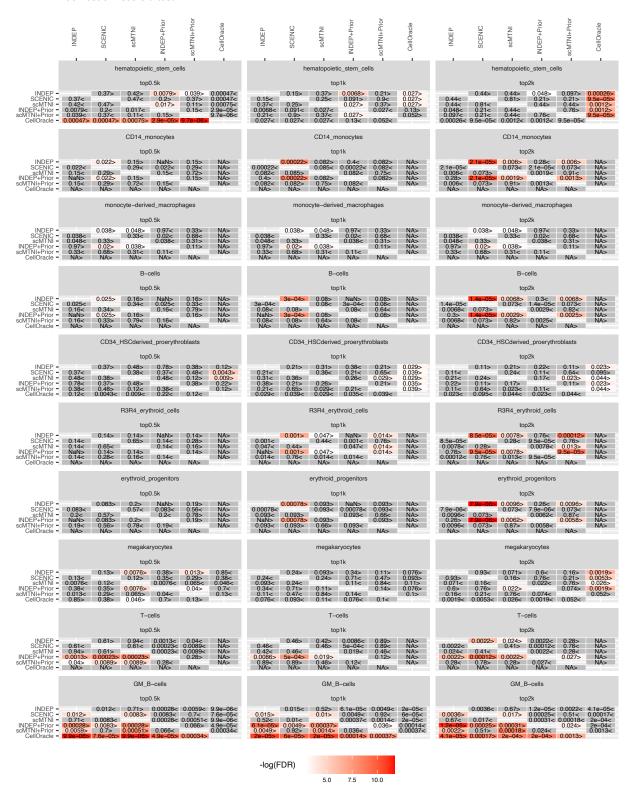
Buenrostro number of predictable TFs

Supplementary Figure 14. Number of predictable TFs in top 500, 1k, 2k edges in predicted networks of scMTNI, scMTNI+Prior, INDEP, INDEP+Prior, SCENIC and CellOracle on human hematopoietic differentiation data. Predictable TFs of n = 7 cell clusters (all cell clusters excluding C1) are computed on five gold standard datasets. In the boxplot, the horizontal middle line of each plot is the median. The bounds of the box are 0.25 quantile (Q_1) and 0.75 quantile (Q_3). The upper whisker is the minimum of the maximum value and $Q_3 + 1.5 * IQR$, where $IQR = Q_3 - Q_1$. The lower whisker is the maximum of the minimum value and $Q_1 - 1.5 * IQR$.

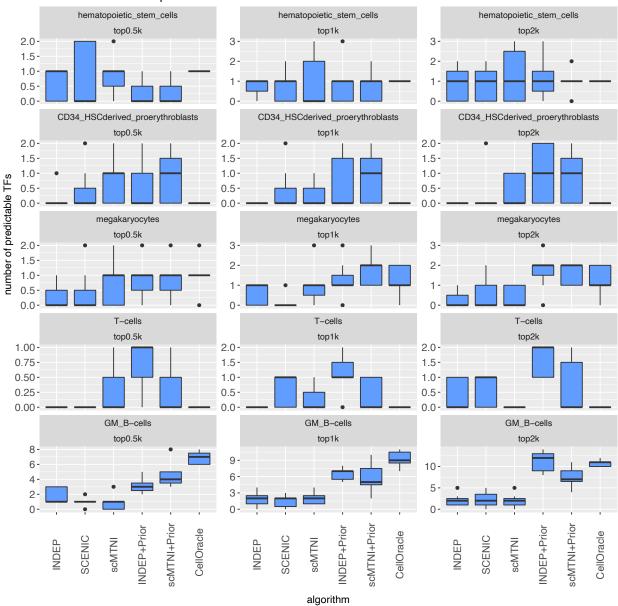


Supplementary Figure 15. F-score of n = 7 cell clusters (all cell clusters excluding C1) for top 500, 1k, 2k edges in predicted networks of scMTNI, scMTNI+Prior, INDEP, INDEP+Prior, SCENIC and CellOracle on human hematopoietic differentiation data for individual cell type-specific gold standard datasets. Each row corresponds to a particular gold standard and column corresponds to the number of top edges. In the boxplot, the horizontal middle line of each plot is the median. The bounds of the box are 0.25 quantile (Q_1) and 0.75 quantile (Q_3). The upper whisker is the minimum of the maximum value and $Q_3 + 1.5 * IQR$, where $IQR = Q_3 - Q_1$. The lower whisker is the maximum of the minimum value and $Q_1 - 1.5 * IQR$.

Buenrostro F-score t-test FDR

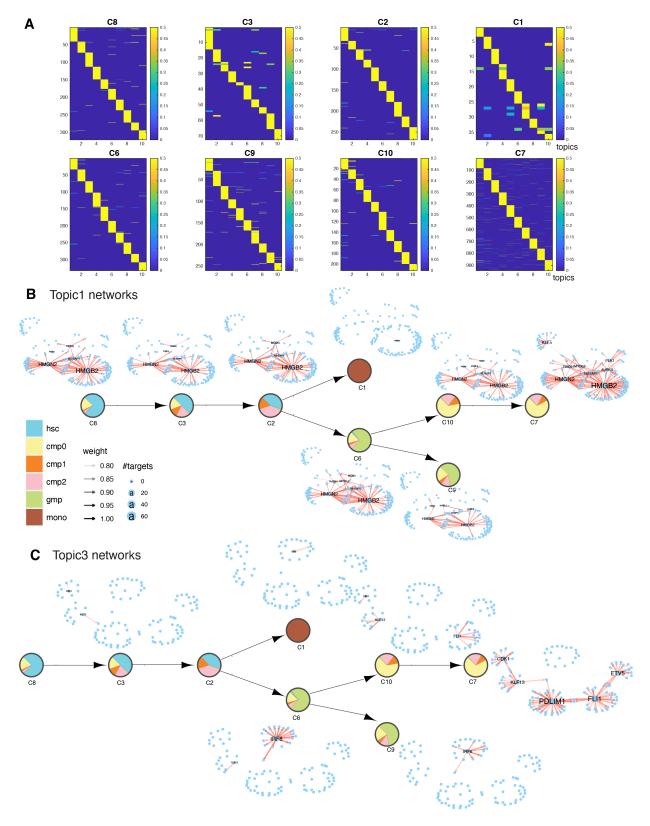


Supplementary Figure 16. Heatmap of FDR corrected t-test P-value to compare the F-score of top 500, 1k, 2k edges in predicted networks of scMTNI, scMTNI+Prior, INDEP, INDEP+Prior, SCENIC and CellOracle on human hematopoietic differentiation data. F-scores are computed on cell type specific gold standard datasets. The two-sided paired t-test is conducted on F-scores of n = 7 cell clusters (all cell clusters excluding C1) for every pair of algorithms, comparing whether the row algorithm's F-score is higher than the column algorithm's F-score. Significant difference (FDR<0.05) is highlighted using a white-red colormap (the color scale for $-\log(FDR)$). Non-significance is colored in gray. The sign"<" or ">" specifies whether the row algorithm's F-scores were worse or better than the column algorithm's F-scores.

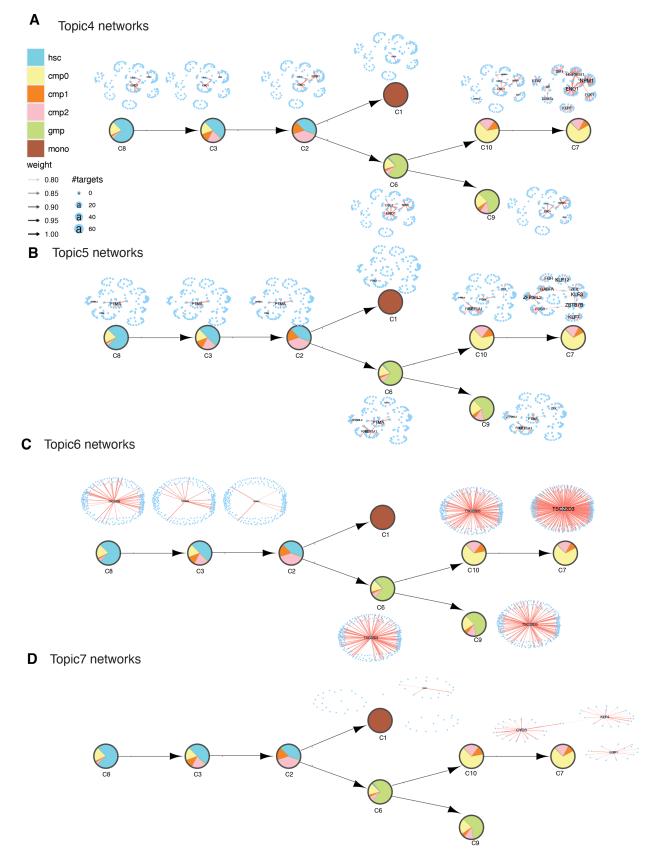


Buenrostro number of predictable TFs

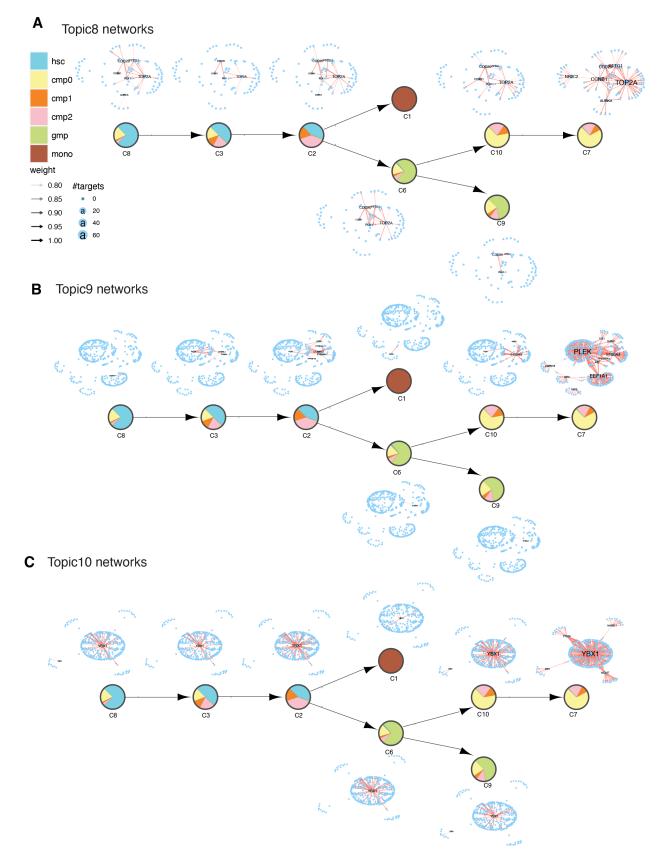
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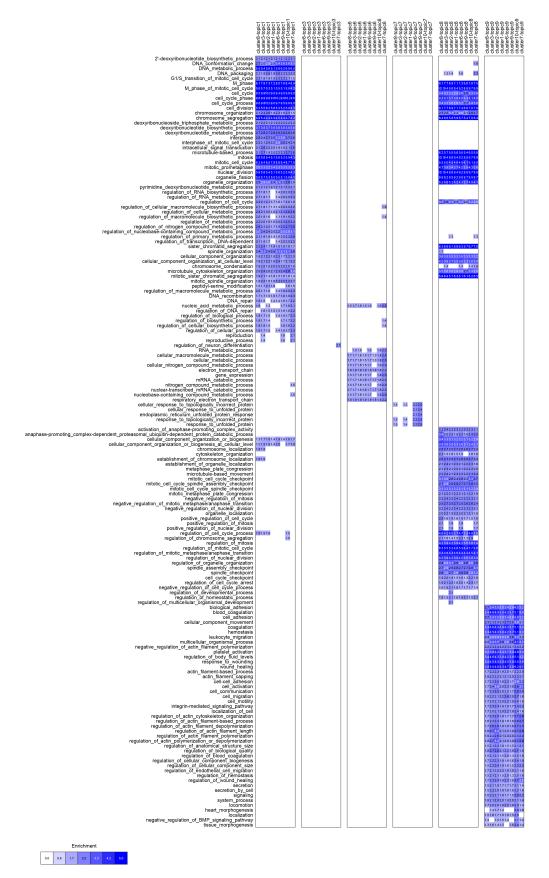
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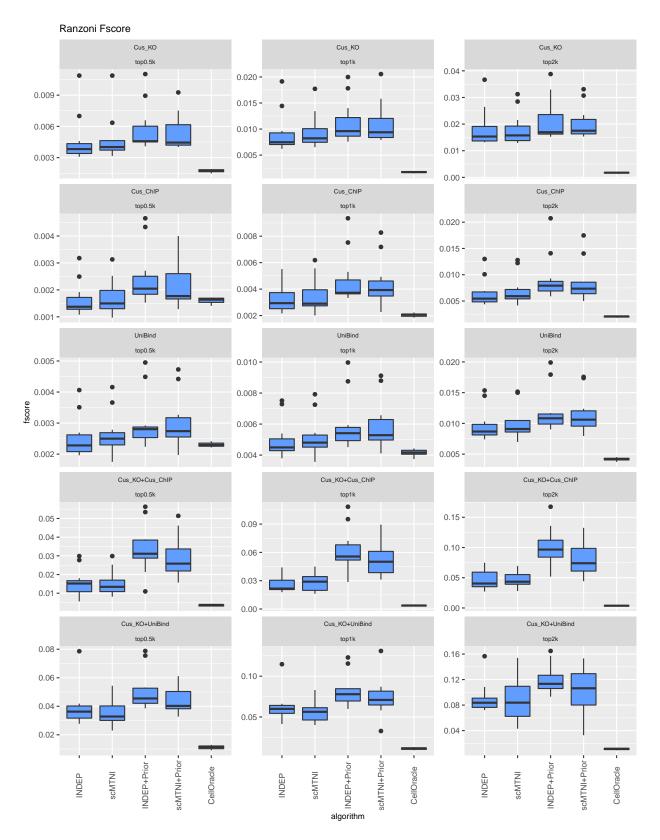
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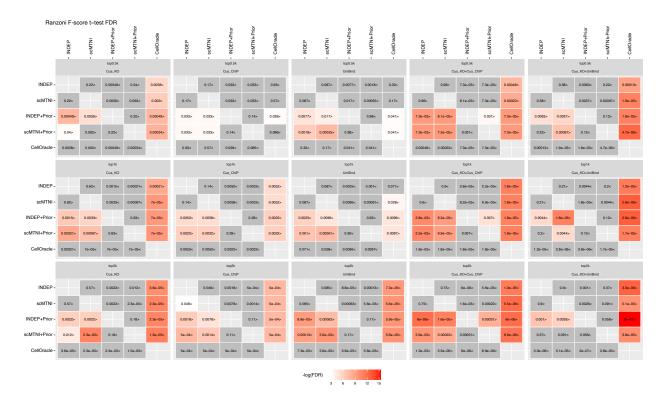
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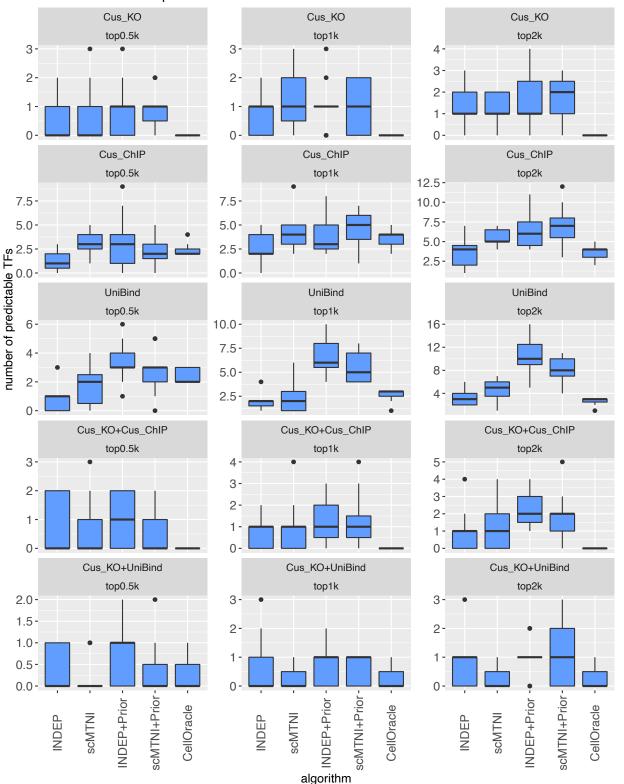
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Supplementary Figure 22. F-score of top 500, 1k, 2k edges in predicted networks of scMTNI, scMTNI+Prior, INDEP, INDEP+Prior, and CellOracle on human fetal hematopoiesis data from Ranzoni et al. using the fine lineage. F-scores of n = 11 cell clusters are computed on five different gold standard datasets. In the boxplot, the horizontal middle line of each plot is the median. The bounds of the box are 0.25 quantile (Q_1) and 0.75 quantile (Q_3). The upper whisker is the minimum of the maximum value and $Q_3 + 1.5 * IQR$, where $IQR = Q_3 - Q_1$. The lower whisker is the maximum of the minimum value and $Q_1 - 1.5 * IQR$.

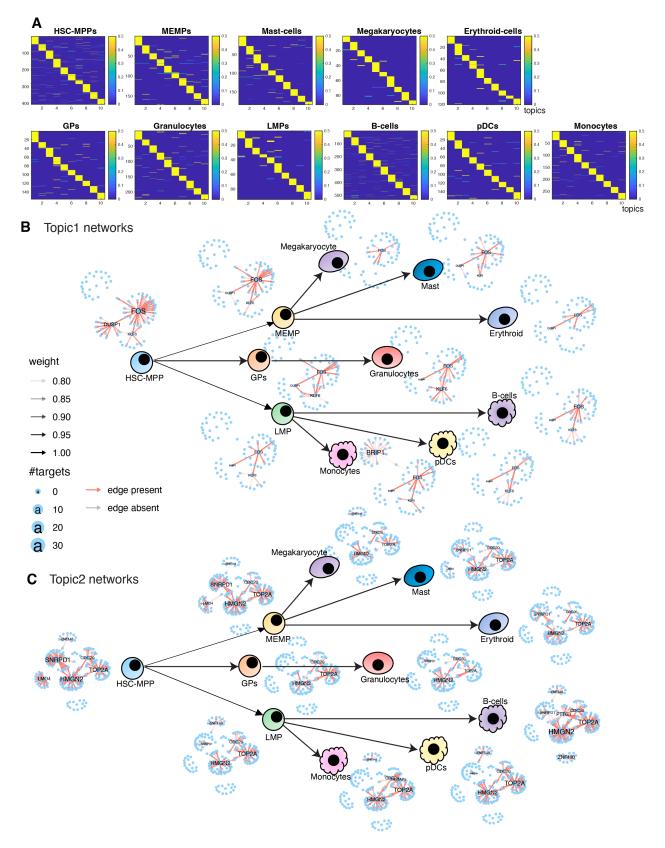


Supplementary Figure 23. Heatmap of FDR corrected T-test pvalues comparing the F-score of top 500, 1k, 2k edges in predicted networks of scMTNI, scMTNI+Prior, INDEP, INDEP+Prior, and CellOracle on human fetal hematopoiesis data from Ranzoni et al. using the fine lineage. Shown are relative performances on five gold standard datasets. The two-sided paired t-test is conducted on F-scores of n = 11 cell clusters for every pair of algorithms, comparing whether the row algorithm's F-score is higher than the column algorithm's F-score. Significant difference (FDR<0.05) is highlighted using a white-red colormap (the color scale for $-\log(FDR)$). Non-significance is colored in gray. The sign"<" or ">" specifies whether the row algorithm's F-scores were worse or better than the column algorithm's F-scores.

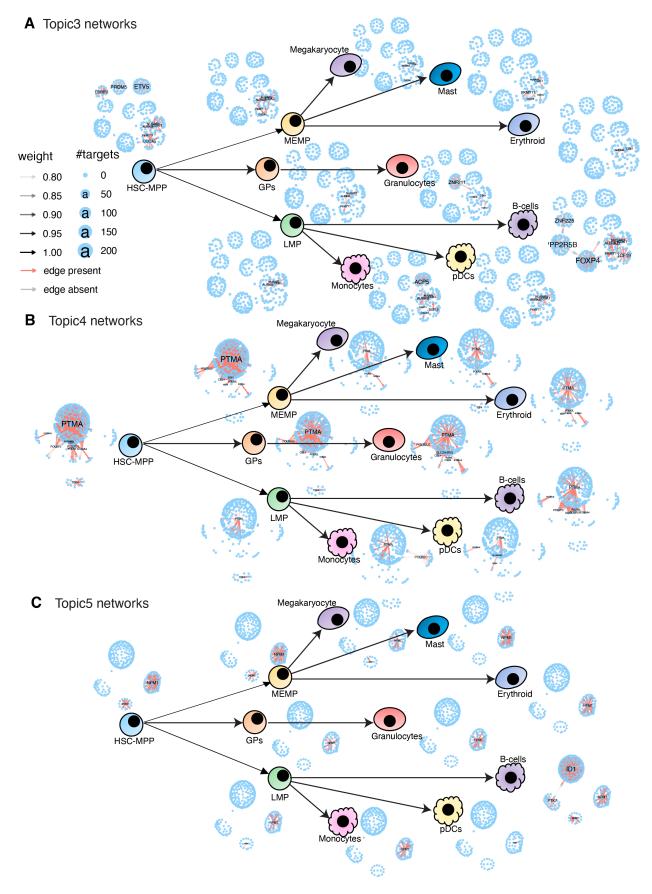


Ranzoni number of predictable TFs

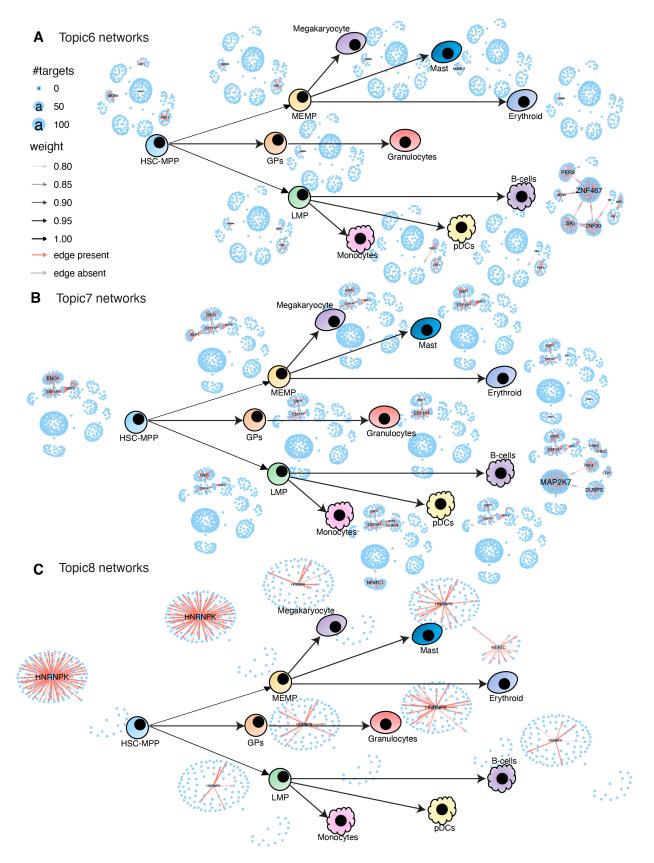
Supplementary Figure 24. Number of predictable TFs of n = 11 cell clusters in top 500, 1k, 2k edges in predicted networks of scMTNI, scMTNI+Prior, INDEP, INDEP+Prior, and CellOracle on fetal human hematopoietic differentiation data from Ranzoni et al. using the fine lineage. Each row corresponds to a particular gold standard and column corresponds to the number of top edges. In the boxplot, the horizontal middle line of each plot is the median. The bounds of the box are 0.25 quantile (Q_1) and 0.75 quantile (Q_3). The upper whisker is the minimum of the maximum value and $Q_3 + 1.5 * IQR$, where $IQR = Q_3 - Q_1$. The lower whisker is the maximum of the minimum value and $Q_1 - 1.5 * IQR$.



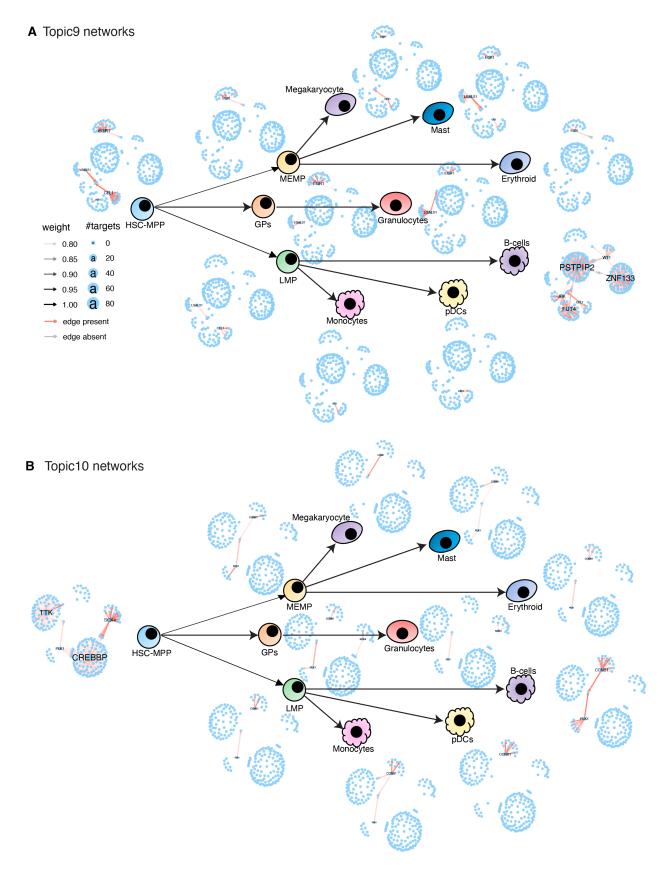
Supplementary Figure 25. LDA analysis for scMTNI inferred networks on human fetal hematopoiesis from Ranzoni et al. using the fine lineage structure. A. The document-topic weight matrix for all regulators for all cell clusters with 10 topics. Topic-specific networks across each cell cluster for topic 1 (B) and topic 2 (C).



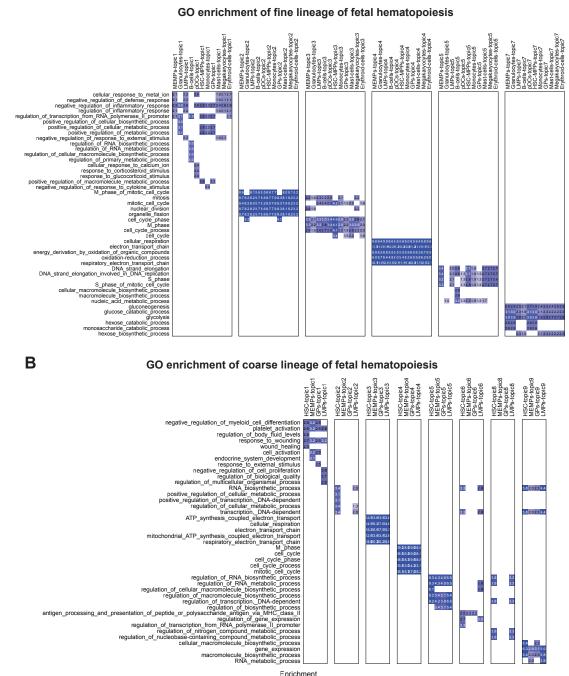
Supplementary Figure 26. Topic-specific networks obtained from scMTNI inferred networks on fetal human hematopoietic differentiation data from Ranzoni et al using the fine lineage. Shown are topic-specific networks for topic 3 (**A**), topic 4 (**B**) for topic 5 (**C**).



Supplementary Figure 27. Topic-specific networks obtained from scMTNI inferred networks on human fetal hematopoiesis data from Ranzoni et al using the fine lineage for topic 6 (**A**), topic 7 (**B**), and topic 8 (**C**).



Supplementary Figure 28. Topic-specific networks obtained from scMTNI inferred networks on human fetal hematopoiesis data from Ranzoni et al using the fine lineage for topic 9 (**A**) and topic 10 (**B**).

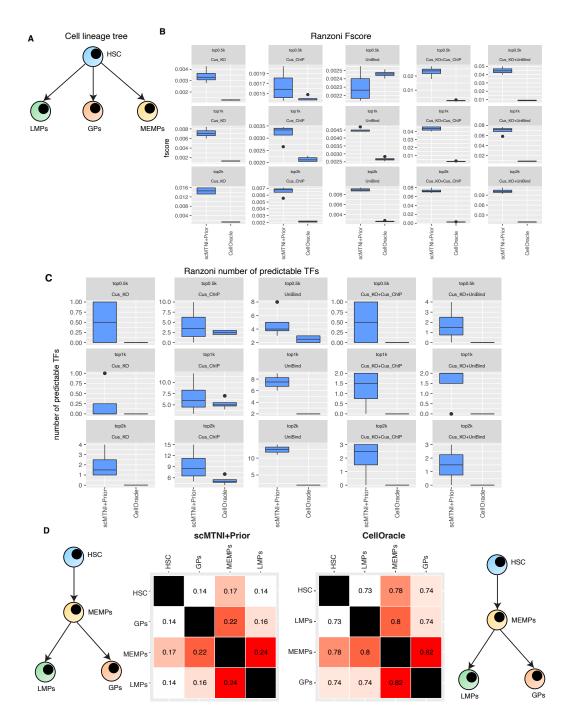


Supplementary Figure 29. Gene Ontology enrichment of LDA topics in fetal hematopoiesis from Ranzoni et al. **A.** Gene ontology terms enriched in genes for each topic identified by LDA for the fine lineage. Top 5 terms for each topic and cell type, with an FDR<0.01 are shown. **B.** Gene ontology terms enriched in genes for each topic identified by LDA for the coarse lineage. Top 5 terms for each topic and cell type, with an FDR<0.01 are shown. **B.** Gene ontology terms enriched in genes for each topic identified by LDA for the coarse lineage. Top 5 terms for each topic and cell type, with an FDR<0.01 are shown. For both **A** and **B**, the blue intensity of the heat map is proportional to $-\log_10(\text{FDR})$ of enrichment.

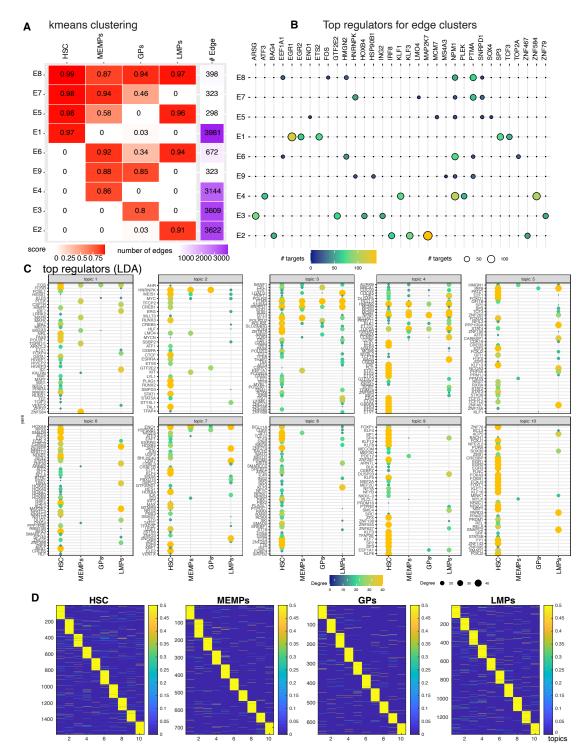
0.0 0.8

1.7 2.5 3.3 4.2 5.0

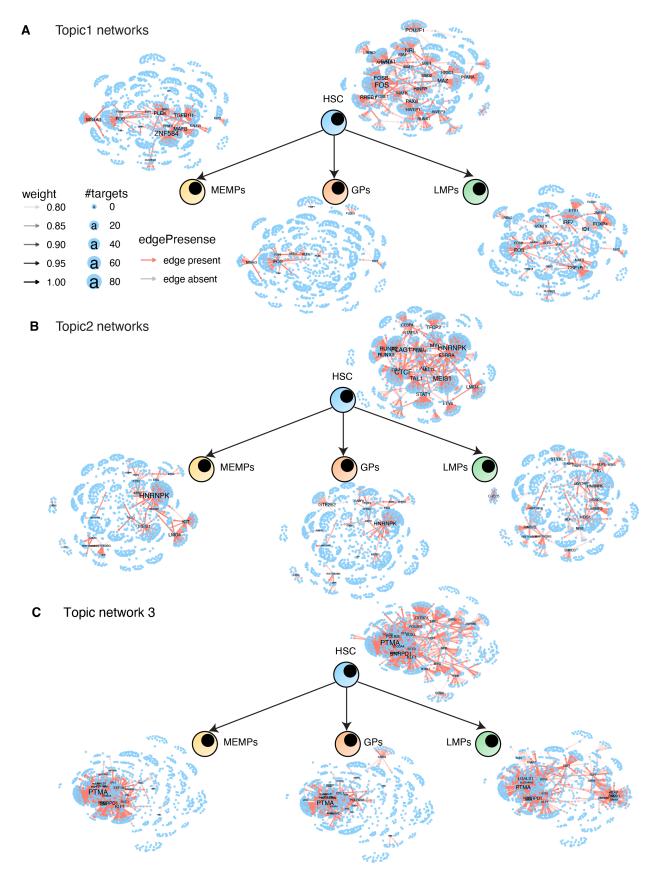
Α



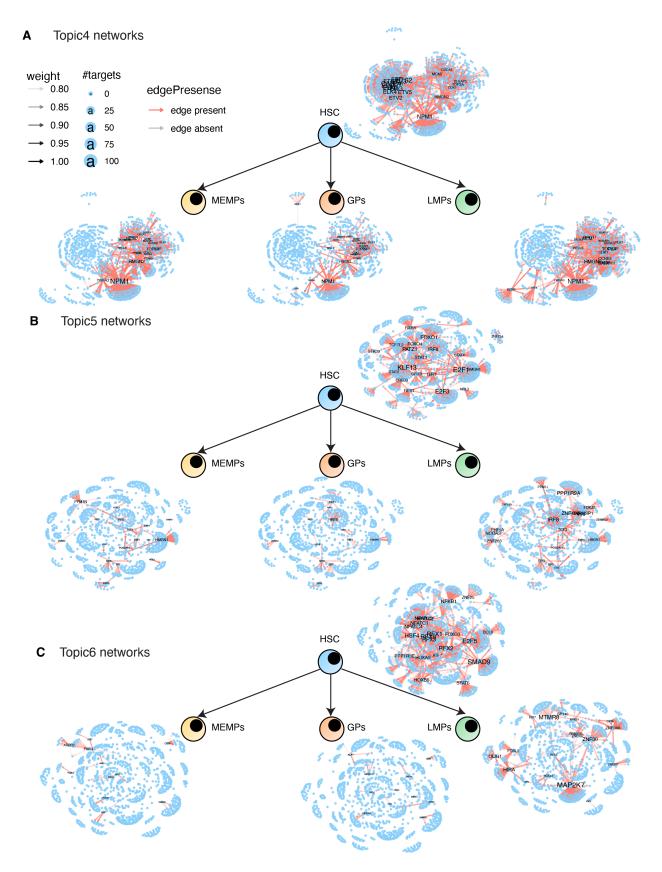
Supplementary Figure 30. Application of scMTNI+Prior and CellOracle to human fetal hematopoiesis data from Ranzoni et al using coarse lineage structure. **A.** The cell lineage structure used as input to scMTNI. **B.** Performance of scMTNI and CellOracle assessed using F-score of n = 4 cell clusters on five different gold standards (rows). Each column shows values for the top 500, 1k or 2k edges. **C.** Number of predictable TFs of n = 4 cell clusters for scMTNI+Prior and CellOracle for five different gold standards using the top 500, 1k or 2k edges. In both **B** and **C**, the horizontal middle line of each plot is the median. The bounds of the box are 0.25 quantile (Q_1) and 0.75 quantile (Q_3). The upper whisker is the minimum of the minimum value and $Q_3 + 1.5 * IQR$, where $IQR = Q_3 - Q_1$. The lower whisker is the maximum of the pairwise network similarity. The inferred cell-lineage tree for scMTNI+Prior is shown on the left, and inferred cell-lineage tree for CellOracle is shown on the right. The heatmap shows the pairwise similarity of networks from each cell cluster assessed using F-score on the top 5k edges.



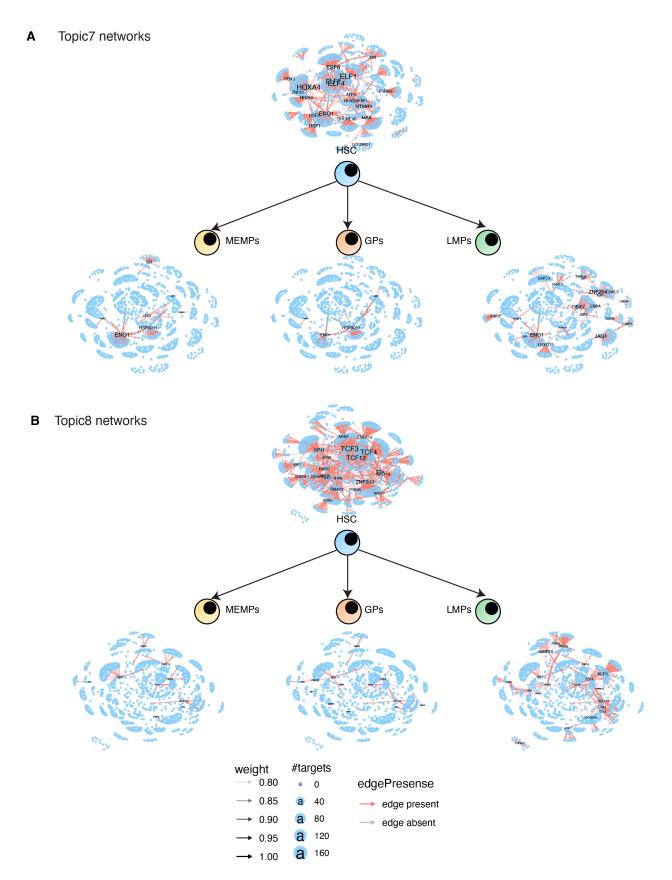
Supplementary Figure 31. K-means and LDA analysis of scMTNI+Prior inferred networks on the human fetal hematopoiesis data from Ranzoni et al using the coarse lineage structure. **A.** k-means analysis of scMTNI inferred networks showing edge cluster patterns. **B.** The top regulators associated with each edge cluster. **C.** LDA analysis on the scMTNI inferred networks. Top regulators for each topic obtained from LDA analysis of scMTNI inferred networks. **D.** The document-topic weight matrix for all regulators for all cell clusters with 10 topics.



Supplementary Figure 32. Topic-specific networks obtained from scMTNI-inferred networks for human fetal hematopoiesis data with coarse tree from Ranzoni et al for topic 1 (A), topic 2 (B) and topic 3 (C).

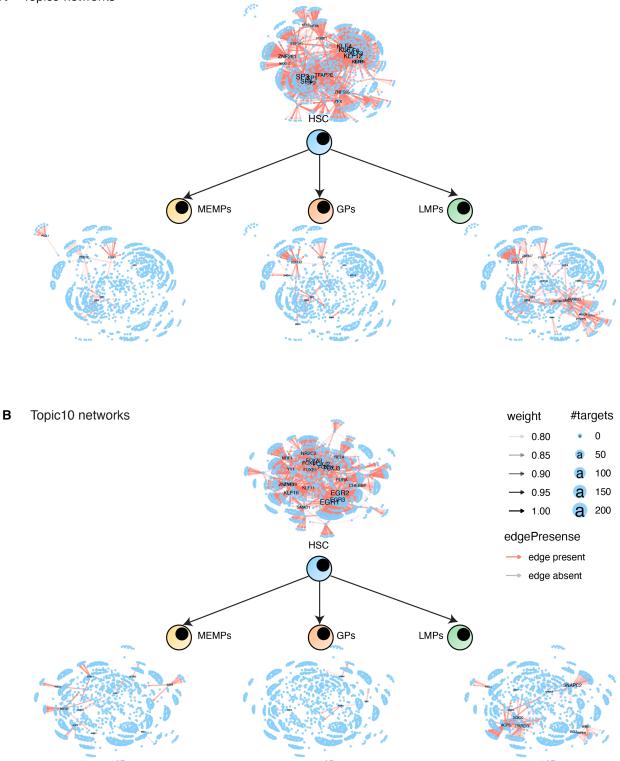


Supplementary Figure 33. Topic-specific networks obtained from scMTNI-inferred networks for human fetal hematopoiesis data with coarse tree from Ranzoni et al for topic 4 (\mathbf{A}), topic 5 (\mathbf{B}) and topic 6 (\mathbf{C}).



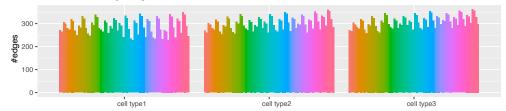
Supplementary Figure 34. Topic-specific networks obtained from scMTNI-inferred networks for human fetal hematopoiesis data with coarse tree from Ranzoni et al for topic 7 (**A**) and topic 8 (**B**).

A Topic9 networks

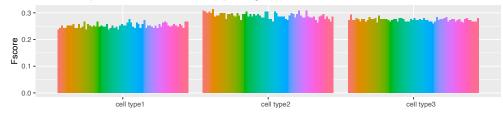


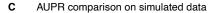
Supplementary Figure 35. Topic-specific networks obtained from scMTNI-inferred networks for human fetal hematopoiesis data with coarse tree from Ranzoni et al for topic 9 (**A**) and topic 10 (**B**).

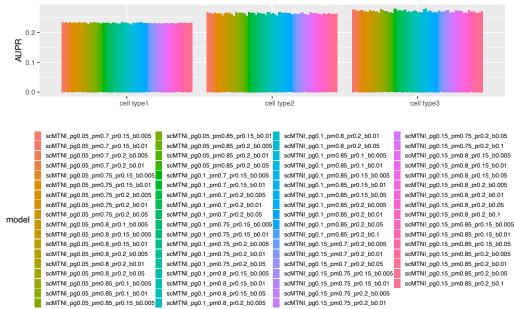
A Number of average edges



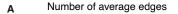
B Fscore comparison on simulated data (top K edges)

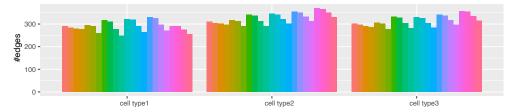


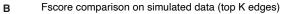


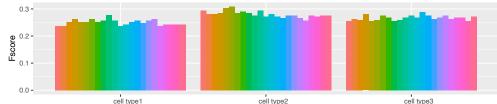


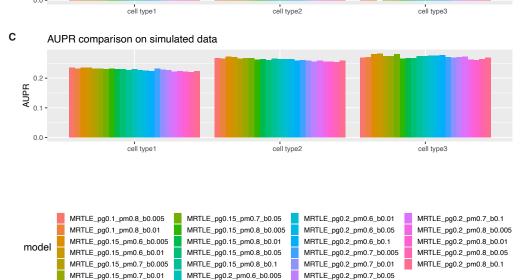
Supplementary Figure 36. Performance of scMTNI on simulated dataset 1 with different parameter settings of p_r , p_g , p_m , $b = |\beta_0|$. A. The average of number of edges in the inferred network across 50 subsamples. B. F-score comparing top edges in inferred networks to simulated ground truth networks. C. AUPR comparing inferred networks to simulated ground truth networks.



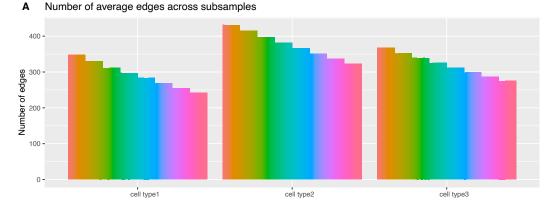


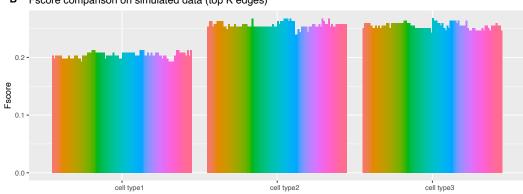




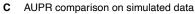


Supplementary Figure 37. Performance of MRTLE on simulated dataset 1 with different parameter settings of p_g , p_m , $b = |\beta_0|$. A. The average of number of edges output from each algorithm run across 50 subsamples. B. F-score comparing top edges in inferred networks to simulated ground truth networks. C. AUPR comparing inferred networks to ground truth networks.

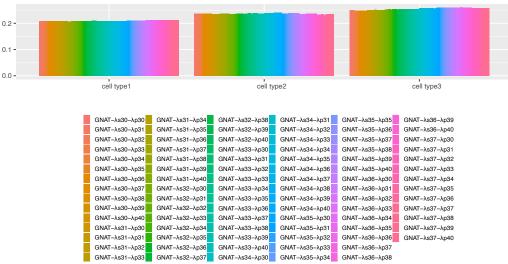




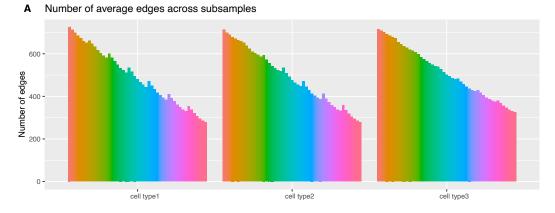
B Fscore comparison on simulated data (top K edges)

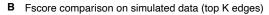


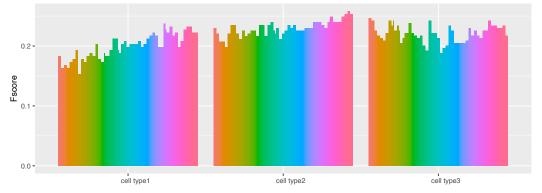
AUPR

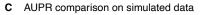


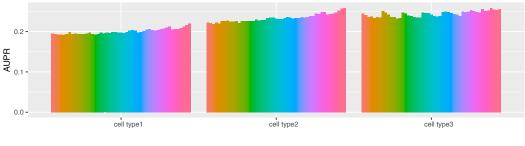
Supplementary Figure 38. Performance of GNAT on simulated dataset 1 with different parameter settings of λ_s and λ_p . **A.** The average of number of edges output from each algorithm run across 50 subsamples. **B.** F-score comparing top edges in inferred networks to simulated ground truth networks. **C.** AUPR comparing inferred networks to simulated ground truth networks.





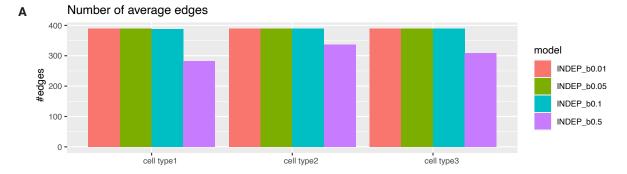


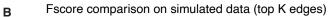


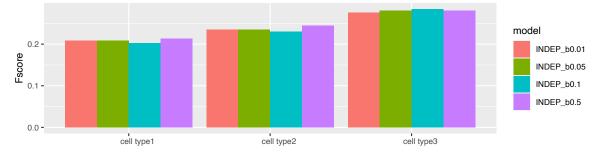




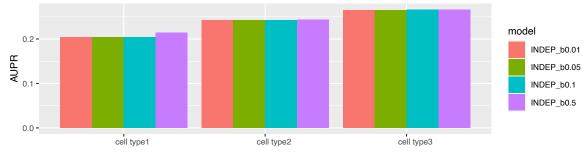
Supplementary Figure 39. Performance of Ontogenet on simulated dataset 1 with different parameter settings of λ , γ and κ . A. The average of number of edges output from each algorithm run across 50 subsamples. B. F-score comparing top edges in inferred networks to simulated ground truth networks. C. AUPR comparing inferred networks to simulated ground truth networks.



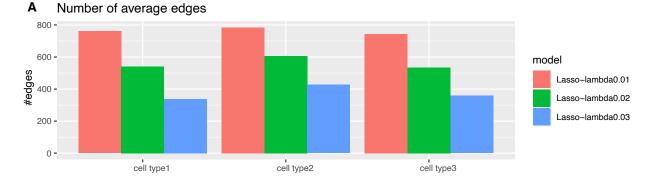


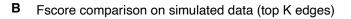


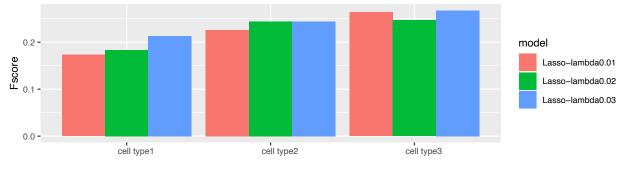


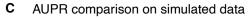


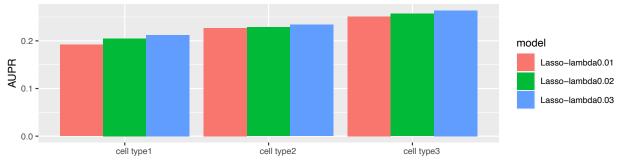
Supplementary Figure 40. Performance of INDEP on simulated dataset 1 with different parameter settings of $b = |\beta_0|$. **A.** The average of number of edges output from each algorithm run across 50 subsamples. **B.** F-score comparing top edges in inferred networks to simulated ground truth networks. **C.** AUPR comparing inferred networks to simulated ground truth networks.











Supplementary Figure 41. Performance of LASSO on simulated dataset 1 with different parameter settings of λ . A. The average of number of edges output from each algorithm run across 50 subsamples. B. F-score comparing top edges in inferred networks to simulated ground truth networks. C. AUPR comparing inferred networks to simulated ground truth networks.

AUPR comparison of	n simulated data												
pg0.05, pm0.55, pr0.05	pg0.05, pm0.55, pr0.1	pg0.05, pm0.55, pr0.15					pg0.05, pm0.55, pr0.4					pg0.05, pm0.6, pr0.15	pg0.05, pm0.6, pr0.2
							•		-				
pg0.05, pm0.6, pr0.25	pg0.05, pm0.6, pr0.3	pg0.05, pm0.6, pr0.35	pg0.05, pm0.6, pr0.4	pg0.05, pm0.6, pr0.45	pg0.05, pm0.6, pr0.5	pg0.05, pm0.65, pr0.05	pg0.05, pm0.65, pr0.1	pg0.05, pm0.65, pr0.15	pg0.05, pm0.65, pr0.2	pg0.05, pm0.65, pr0.25	pg0.05, pm0.65, pr0.3	pg0.05, pm0.65, pr0.35	pg0.05, pm0.65, pr0.4
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	ward a			•••••			****						
pg0.05, pm0.75, pr0.15	pg0.05, pm0.75, pr0.2	pg0.05, pm0.75, pr0.25	pg0.05, pm0.75, pr0.3	pg0.05, pm0.75, pr0.35	pg0.05, pm0.75, pr0.4	pg0.05, pm0.75, pr0.45	pg0.05, pm0.75, pr0.5	pg0.05, pm0.8, pr0.05	pg0.05, pm0.8, pr0.1	pg0.05, pm0.8, pr0.15	pg0.05, pm0.8, pr0.2	pg0.05, pm0.8, pr0.25	pg0.05, pm0.8, pr0.3
	***	v	****	****	v • • •	v	pg0.05, pm0.75, pr0.5		• • • •	****	v	•	v
pg0.05, pm0.8, pr0.35	pg0.05, pm0.8, pr0.4	pg0.05, pm0.8, pr0.45	pg0.05, pm0.8, pr0.5	pg0.05, pm0.85, pr0.05	pg0.05, pm0.85, pr0.1	pg0.05, pm0.85, pr0.15	pg0.05, pm0.85, pr0.2	pg0.05, pm0.85, pr0.25	pg0.05, pm0.85, pr0.3	pg0.05, pm0.85, pr0.35	pg0.05, pm0.85, pr0.4	pg0.05, pm0.85, pr0.45	pg0.05, pm0.85, pr0.5
pg0.05, pm0.9, pr0.05	pg0.05, pm0.9, pr0.1	pg0.05, pm0.9, pr0.15					pg0.05, pm0.9, pr0.4					pg0.1, pm0.55, pr0.2	pg0.1, pm0.55, pr0.25
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pg0.1, pm0.55, pr0.3	pg0.1, pm0.55, pr0.35	pg0.1, pm0.55, pr0.4	pg0.1, pm0.55, pr0.45	pg0.1, pm0.55, pr0.5	pg0.1, pm0.6, pr0.1	pg0.1, pm0.6, pr0.15	pg0.1, pm0.6, pr0.2					pg0.1, pm0.6, pr0.45	
0.245 *	ng0 1 nm0 65 nr0 15						pg0.1, pm0.65, pr0.45				-	-	-
1000		90.1, pilo.00, pilo.2	*****					pgo. 1, pmo.co, pro.o		990.1, pilo.15	990-1, prio.2		pgu.1, pmu.1, pru.0
6245 - pg0.1, pm0.7, pr0.35	pg0.1, pm0.7, pr0.4	pg0.1, pm0.7, pr0.45	pg0.1, pm0.7, pr0.5	pg0.1, pm0.75, pr0.1	pg0.1, pm0.75, pr0.15	pg0.1, pm0.75, pr0.2	pg0.1, pm0.75, pr0.25	pg0.1, pm0.75, pr0.3	pg0.1, pm0.75, pr0.35	pg0.1, pm0.75, pr0.4	pg0.1, pm0.75, pr0.45	pg0.1, pm0.75, pr0.5	pg0.1, pm0.8, pr0.1
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pg0.1, pm0.8, pr0.15	pg0.1, pm0.8, pr0.2	pg0.1, pm0.8, pr0.25	pg0.1, pm0.8, pr0.3	pg0.1, pm0.8, pr0.35	pg0.1, pm0.8, pr0.4	pg0.1, pm0.8, pr0.45	pg0.1, pm0.8, pr0.5	pg0.1, pm0.85, pr0.1	pg0.1, pm0.85, pr0.15	pg0.1, pm0.85, pr0.2	pg0.1, pm0.85, pr0.25	pg0.1, pm0.85, pr0.3	pg0.1, pm0.85, pr0.35
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pg0.1, pm0.85, pr0.4	pg0.1, pm0.85, pr0.45	pg0.1, pm0.85, pr0.5	pg0.1, pm0.9, pr0.1	pg0.1, pm0.9, pr0.15	pg0.1, pm0.9, pr0.2	pg0.1, pm0.9, pr0.25	pg0.1, pm0.9, pr0.3	pg0.1, pm0.9, pr0.35	pg0.1, pm0.9, pr0.4	pg0.1, pm0.9, pr0.45	pg0.1, pm0.9, pr0.5	pg0.15, pm0.55, pr0.15	pg0.15, pm0.55, pr0.2
0.245 - 🖝	-	-					-	-	-	-	-		
pg0.15, pm0.55, pr0.25	pg0.15, pm0.55, pr0.3	pg0.15, pm0.55, pr0.35	pg0.15, pm0.55, pr0.4	pg0.15, pm0.55, pr0.45	pg0.15, pm0.55, pr0.5	pg0.15, pm0.6, pr0.15	pg0.15, pm0.6, pr0.2	pg0.15, pm0.6, pr0.25	pg0.15, pm0.6, pr0.3	pg0.15, pm0.6, pr0.35	pg0.15, pm0.6, pr0.4	pg0.15, pm0.6, pr0.45	pg0.15, pm0.6, pr0.5
	•	*			****					•	•	•••••	
pg0.15, pm0.65, pr0.15	pg0.15, pm0.65, pr0.2	pg0.15, pm0.65, pr0.25	pg0.15, pm0.65, pr0.3	pg0.15, pm0.65, pr0.35	pg0.15, pm0.65, pr0.4	pg0.15, pm0.65, pr0.45	pg0.15, pm0.65, pr0.5	pg0.15, pm0.7, pr0.15	pg0.15, pm0.7, pr0.2	pg0.15, pm0.7, pr0.25	pg0.15, pm0.7, pr0.3	pg0.15, pm0.7, pr0.35	pg0.15, pm0.7, pr0.4
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pg0.15, pm0.7, pr0.45	pg0.15, pm0.7, pr0.5	pg0.15, pm0.75, pr0.15	pg0.15, pm0.75, pr0.2	pg0.15, pm0.75, pr0.25	pg0.15, pm0.75, pr0.3	pg0.15, pm0.75, pr0.35	pg0.15, pm0.75, pr0.4	pg0.15, pm0.75, pr0.45	pg0.15, pm0.75, pr0.5	pg0.15, pm0.8, pr0.15	pg0.15, pm0.8, pr0.2	pg0.15, pm0.8, pr0.25	pg0.15, pm0.8, pr0.3
0245 -	n=0.15 n=0.8 n=0.4	pa0.15. pm0.8. pr0.45.	ne0 15 nm0 8 nr0 5	na) 15 nm) 85 nm) 15	na0.15 nm0.85 nr0.2	ng0 15 nm0 85 nr0 25	pg0.15, pm0.85, pr0.3	na0 15 nm0 85 nr0 35	na0 15 nm0 85 nm0 4	na0.15 nm0.85 nr0.45	ng0.15 nm0.85 nd0.5	no0 15 nm0 9 nm 15	ng0.15 nm0.9 nr0.2
8300 - 8300 -	pge.10, piloto, pie.4	pgo.ro, prio.o, pro.eo	pg0.10, p10.0, p10.0	/ · · · · · · · · · · · · · · · · · · ·	pgu. 10, pmu.00, pro.2		990-10, prio.00, pro.0	pgo. ro, prio.oo, pro.oo	pgo.ro, prio.uo, pro.u	pge. 10, pine. 00, pie. 40	pgo. ro, prio.oo, pro.o	pgo.10, pno.0, pro.10	
	pg0.15, pm0.9, pr0.3	pg0.15, pm0.9, pr0.35	pg0.15, pm0.9, pr0.4	pg0.15, pm0.9, pr0.45	pg0.15, pm0.9, pr0.5	pg0.2, pm0.55, pr0.2	pg0.2, pm0.55, pr0.25	pg0.2, pm0.55, pr0.3	pg0.2, pm0.55, pr0.35	pg0.2, pm0.55, pr0.4	pg0.2, pm0.55, pr0.45	pg0.2, pm0.55, pr0.5	pg0.2, pm0.6, pr0.2
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pg0.2, pm0.6, pr0.25	pg0.2, pm0.6, pr0.3	pg0.2, pm0.6, pr0.35	pg0.2, pm0.6, pr0.4	pg0.2, pm0.6, pr0.45	pg0.2, pm0.6, pr0.5	pg0.2, pm0.65, pr0.2	pg0.2, pm0.65, pr0.25	pg0.2, pm0.65, pr0.3	pg0.2, pm0.65, pr0.35	pg0.2, pm0.65, pr0.4	pg0.2, pm0.65, pr0.45	pg0.2, pm0.65, pr0.5	pg0.2, pm0.7, pr0.2
	•						****		••••	~ • •	~ ~~		
pg0.2, pm0.7, pr0.25	pg0.2, pm0.7, pr0.3	pg0.2, pm0.7, pr0.35	pg0.2, pm0.7, pr0.4	pg0.2, pm0.7, pr0.45			pg0.2, pm0.75, pr0.25	pg0.2, pm0.75, pr0.3	pg0.2, pm0.75, pr0.35	pg0.2, pm0.75, pr0.4	pg0.2, pm0.75, pr0.45	pg0.2, pm0.75, pr0.5	pg0.2, pm0.8, pr0.2
8398 0245 -	****		•			•			•	•			
	pg0.2, pm0.8, pr0.3	pg0.2, pm0.8, pr0.35	pg0.2, pm0.8, pr0.4	pg0.2, pm0.8, pr0.45			pg0.2, pm0.85, pr0.25	pg0.2, pm0.85, pr0.3	pg0.2, pm0.85, pr0.35	pg0.2, pm0.85, pr0.4	pg0.2, pm0.85, pr0.45	pg0.2, pm0.85, pr0.5	pg0.2, pm0.9, pr0.2
		w	1		~~~		- 1		w	•			
pg0.2, pm0.9, pr0.25	pg0.2, pm0.9, pr0.3	pg0.2, pm0.9, pr0.35	pg0.2, pm0.9, pr0.4	pg0.2, pm0.9, pr0.45	pg0.2, pm0.9, pr0.5	pg0.25, pm0.55, pr0.25	pg0.25, pm0.55, pr0.3	pg0.25, pm0.55, pr0.35	pg0.25, pm0.55, pr0.4	pg0.25, pm0.55, pr0.45	pg0.25, pm0.55, pr0.5	pg0.25, pm0.6, pr0.25	pg0.25, pm0.6, pr0.3
0245 - 0245 -	nn0.25 nm0.6 nr0.4	na0 25 nm0 6 nr0 45	ng0.25 nm0.6 nr0.5	pa0.25 pm0.65 pm0.25	na0.25 nm0.65 nr0.3	-	pg0.25, pm0.65, pr0.4	no0 25 nm0 65 nr0 45	no0.25 nm0.65 nr0.5	pg0.25 pm0.7 pg0.25	pp0.25 pm0.7 pr0.3	no0.25 nm0.7 nr0.35	po0.25 pm0.7 pr0.4
			Pierrei pierrei pierre		•••••••			••••••					*****
pg0.25, pm0.7, pr0.45	pg0.25, pm0.7, pr0.5	pg0.25, pm0.75, pr0.25	pg0.25, pm0.75, pr0.3	pg0.25, pm0.75, pr0.35	pg0.25, pm0.75, pr0.4	pg0.25, pm0.75, pr0.45	pg0.25, pm0.75, pr0.5	pg0.25, pm0.8, pr0.25	pg0.25, pm0.8, pr0.3	pg0.25, pm0.8, pr0.35	pg0.25, pm0.8, pr0.4	pg0.25, pm0.8, pr0.45	pg0.25, pm0.8, pr0.5
		• • •		• • • •						w	have		
pg0.25, pm0.85, pr0.25	pg0.25, pm0.85, pr0.3	pg0.25, pm0.85, pr0.35	pg0.25, pm0.85, pr0.4	pg0.25, pm0.85, pr0.45	pg0.25, pm0.85, pr0.5	pg0.25, pm0.9, pr0.25	pg0.25, pm0.9, pr0.3	pg0.25, pm0.9, pr0.35	pg0.25, pm0.9, pr0.4	pg0.25, pm0.9, pr0.45	pg0.25, pm0.9, pr0.5	pg0.3, pm0.55, pr0.3	pg0.3, pm0.55, pr0.35
	****	1	1	~ ~~	~ ~~			· · · ·	• • •	~ ~~	v.	*	
pg0.3, pm0.55, pr0.4	pg0.3, pm0.55, pr0.45						pg0.3, pm0.6, pr0.5	pg0.3, pm0.65, pr0.3	pg0.3, pm0.65, pr0.35	pg0.3, pm0.65, pr0.4	pg0.3, pm0.65, pr0.45	pg0.3, pm0.65, pr0.5	pg0.3, pm0.7, pr0.3
								•	•	•••••	••••	****	****
pg0.3, pm0.7, pr0.35	pg0.3, pm0.7, pr0.4	pg0.3, pm0.7, pr0.45	pg0.3, pm0.7, pr0.5	pg0.3, pm0.75, pr0.3	pg0.3, pm0.75, pr0.35	pg0.3, pm0.75, pr0.4	pg0.3, pm0.75, pr0.45	pg0.3, pm0.75, pr0.5	pg0.3, pm0.8, pr0.3	pg0.3, pm0.8, pr0.35	pg0.3, pm0.8, pr0.4	pg0.3, pm0.8, pr0.45	pg0.3, pm0.8, pr0.5
8 593	•	•		•	· · ·		•		· · ·	•			han and a second
pg0.3, pm0.85, pr0.3	pg0.3, pm0.85, pr0.35	pg0.3, pm0.85, pr0.4	pg0.3, pm0.85, pr0.45	pg0.3, pm0.85, pr0.5	pg0.3, pm0.9, pr0.3	pg0.3, pm0.9, pr0.35	pg0.3, pm0.9, pr0.4	pg0.3, pm0.9, pr0.45	pg0.3, pm0.9, pr0.5	pg0.35, pm0.55, pr0.35	pg0.35, pm0.55, pr0.4	pg0.35, pm0.55, pr0.45	pg0.35, pm0.55, pr0.5
0148	pq0.35 pm0.6 p=0.4	pq0.35 pm0.6 pr0.46	no0.35 nm0.6 pr0.6	ng0.35 nm0.65 p=0.36	ng0.35 nm0.65 cm0.4	nn0.35 nm0.65 pr0.45	pg0.35, pm0.65, pr0.5	pg0.35 pm0.7 pr0.35	po0.35 pm0.7 pm0.4	po0.35 pm0.7 pc0.45	pg0.35 pg0.7 pr0.6	no0.35 nm0.75 p=0.35	pq0.35_pm0.75_pm0.4
0.205 - 0.205 - 0.205 -	P-0000, pril0.0, pr0.4	P-00.00, pril0.0, pr0.45	Pao.oo, pilo.o, pilo.5	Parios, prio.00, pro.35	Pg0.00, pm0.00, pr0.4	Pastor, pin0.00, pi0.45	Pg000, pri0.00, pr0.5	Paulos, prilo.7, pi0.35		Passo, pino.r, pio.45	P-00.00, pril0.7, pro.5		Pa0.00, pm0.70, pi0.4
pg0.35, pm0.75, pr0.45	pg0.35, pm0.75, pr0.5	pg0.35, pm0.8, pr0.35	pg0.35, pm0.8, pr0.4	pg0.35, pm0.8, pr0.45	pg0.35, pm0.8, pr0.5	pg0.35, pm0.85, pr0.35	pg0.35, pm0.85, pr0.4	pg0.35, pm0.85, pr0.45	pg0.35, pm0.85, pr0.5	pg0.35, pm0.9, pr0.35	- pg0.35, pm0.9, pr0.4	pg0.35, pm0.9, pr0.45	pg0.35, pm0.9, pr0.5
		-											
pg0.4, pm0.55, pr0.4	pg0.4, pm0.55, pr0.45	pg0.4, pm0.55, pr0.5	pg0.4, pm0.6, pr0.4	pg0.4, pm0.6, pr0.45	pg0.4, pm0.6, pr0.5	pg0.4, pm0.65, pr0.4	pg0.4, pm0.65, pr0.45	pg0.4, pm0.65, pr0.5	pg0.4, pm0.7, pr0.4	pg0.4, pm0.7, pr0.45	pg0.4, pm0.7, pr0.5	pg0.4, pm0.75, pr0.4	pg0.4, pm0.75, pr0.45
8 1995 - 8 1998 - 0 245 -		n											
							pg0.4, pm0.9, pr0.4				pg0.45, pm0.55, pr0.5	pg0.45, pm0.6, pr0.45	pg0.45, pm0.6, pr0.5
8399 : 8399 : •									h				· · · ·
pg0.45, pm0.65, pr0.45	pg0.45, pm0.65, pr0.5	pg0.45, pm0.7, pr0.45	pg0.45, pm0.7, pr0.5	pg0.45, pm0.75, pr0.45	pg0.45, pm0.75, pr0.5	pg0.45, pm0.8, pr0.45	pg0.45, pm0.8, pr0.5	pg0.45, pm0.85, pr0.45	pg0.45, pm0.85, pr0.5	pg0.45, pm0.9, pr0.45	pg0.45, pm0.9, pr0.5	0.00 0.25 0.50 0.75 1.00	0.00 0.25 0.50 0.75 1.00
									0.00 0.25 0.50 0.75 1.00				
u.00 0.25 0.50 0.75 1.00	uuu u.25 0.50 0.75 1.00	u.uu d.25 0.50 0.75 1.00	0.00 0.25 0.50 0.75 1.00	0.00 0.25 0.50 0.75 1.00	u.uu u.25 0.50 0.75 1.00	0.00 0.25 0.50 0.75 1.00 sparsity (ro.oo 0.25 0.50 0.75 1.00 parameter	u.uu u.25 0.50 0.75 1.00	u.uu d.25 0.50 0.75 1.00	0.00 0.25 0.50 0.75 1.00	.uu u.25 0.50 0.75 1.00		

Supplementary Figure 42. Effect of sparsity parameter on the overall AUPR. Each subplot shows the AUPR as a function of changing the sparsity β_0 parameter (x-axis, $\beta_0 < 0$, $|\beta_0|$ is shown), while keeping the other parameters, p_r , p_m , p_g fixed. The specific setting for these parameters are in the title. Shown is the average performance across 3 cell types based on AUPR on simulated dataset 1.

	on simulated data												
pg0.00, pm0.00, b0.000	pg0.05, pm0.55, b0.01	pg0.05, pm0.55, b0.05	pg0.05, pm0.55, b0.1	pg0.05, pm0.55, b0.5	pg0.05, pm0.55, b1	pg0.05, pm0.6, b0.005	pg0.05, pm0.6, b0.01	pg0.05, pm0.6, b0.05	pg0.05, pm0.6, b0.1	pg0.05, pm0.6, b0.5	pg0.05, pm0.6, b1	pg0.05, pm0.65, b0.005	pg0.05, pm0.65, b0.01
999 578			*******		********	*****					*******		
pg0.05, pm0.65, b0.05	pg0.05, pm0.65, b0.1	pg0.05, pm0.65, b0.5	pg0.05, pm0.65, b1	pg0.05, pm0.7, b0.005	pg0.05, pm0.7, b0.01	pg0.05, pm0.7, b0.05	pg0.05, pm0.7, b0.1	pg0.05, pm0.7, b0.5	pg0.05, pm0.7, b1	pg0.05, pm0.75, b0.005		pg0.05, pm0.75, b0.05	pg0.05, pm0.75, b0.1
		********		********	*****	****		********	•••••	*****	*******	And a second	
pg0.05, pm0.75, b0.5	pg0.05, pm0.75, b1	pg0.05, pm0.8, b0.005	pg0.05, pm0.8, b0.01	pg0.05, pm0.8, b0.05	pg0.05, pm0.8, b0.1		pg0.05, pm0.8, b1	pg0.05, pm0.85, b0.005	pg0.05, pm0.85, b0.01	pg0.05, pm0.85, b0.05	pg0.05, pm0.85, b0.1	pg0.05, pm0.85, b0.5	pg0.05, pm0.85, b1
••••••••	••••••	********	*********	a a a a a a a a a a a a a a a a a a a	~~~~~~~~~	********	********	********	********	a a second		******	••••••
pg0.05. pm0.9. b0.005	pa0.05, pm0.9, b0.01	pg0.05, pm0.9, b0.05	pa0.05, pm0.9, b0.1	pa0.05, pm0.9, b0.5		po0.1, pm0.55, b0.005	pa0.1, pm0.55, b0.01	pg0.1, pm0.55, b0.05	pa0.1. pm0.55. b0.1	pg0.1, pm0.55, b0.5	pq0.1. pm0.55. b1	pa0.1. pm0.6. b0.005	pa0.1. pm0.6. b0.01
	~~~~~	-				*****	********	*****	*****	*******			
58		******						****					
pg0.1, pm0.6, b0.05	pg0.1, pm0.6, b0.1	pg0.1, pm0.6, b0.5	pg0.1, pm0.6, b1	pg0.1, pm0.65, b0.005		pg0.1, pm0.65, b0.05	pg0.1, pm0.65, b0.1	pg0.1, pm0.65, b0.5	pg0.1, pm0.65, b1	pg0.1, pm0.7, b0.005	pg0.1, pm0.7, b0.01	pg0.1, pm0.7, b0.05	pg0.1, pm0.7, b0.1
					*******	******					~~~~		
pg0.1, pm0.7, b0.5	pg0.1, pm0.7, b1	pg0.1, pm0.75, b0.005	pg0.1, pm0.75, b0.01	pg0.1, pm0.75, b0.05	pg0.1, pm0.75, b0.1	pg0.1, pm0.75, b0.5	pg0.1, pm0.75, b1	pg0.1, pm0.8, b0.005	pg0.1, pm0.8, b0.01	pg0.1, pm0.8, b0.05	pg0.1, pm0.8, b0.1	pg0.1, pm0.8, b0.5	pg0.1, pm0.8, b1
199 578		~~~~					*******	*******	******	~~~~~	*******		
pg0.1, pm0.85, b0.005	pg0.1, pm0.85, b0.01	pg0.1, pm0.85, b0.05	pg0.1, pm0.85, b0.1	pg0.1, pm0.85, b0.5	pg0.1, pm0.85, b1	pg0.1, pm0.9, b0.005	pg0.1, pm0.9, b0.01	pg0.1, pm0.9, b0.05	pg0.1, pm0.9, b0.1	pg0.1, pm0.9, b0.5	pg0.1, pm0.9, b1	pg0.15, pm0.55, b0.005	pg0.15, pm0.55, b0.01
·····	*******	a second	*******	*****	********	· · · · · · · · · · · · · · · · · · ·	· ·····	*******	*******	*******	••••••	*******	******
pg0.15, pm0.55, b0.05	pg0.15, pm0.55, b0.1	pg0.15, pm0.55, b0.5	pg0.15, pm0.55, b1	pg0.15, pm0.6, b0.005	pg0.15, pm0.6, b0.01	pg0.15, pm0.6, b0.05	pg0.15, pm0.6, b0.1	pg0.15, pm0.6, b0.5	pg0.15, pm0.6, b1	pg0.15, pm0.65, b0.005	pg0.15, pm0.65, b0.01	pg0.15, pm0.65, b0.05	pg0.15, pm0.65, b0.1
	*******	*******	*******	*******	· ·····	a marine	*******	*******	*******	*******	*******	· ·····	- marine
pg0.15, pm0.65, b0.5	pg0.15, pm0.65, b1	pa0.15, pm0.7, b0.005	pa0.15. pm0.7. b0.01	pg0.15, pm0.7, b0.05		pg0.15, pm0.7, b0.5	pg0.15, pm0.7, b1	pg0.15, pm0.75, b0.005	ng0 15 nm0 75 h0 01	pg0.15, pm0.75, b0.05	pa0.15 pm0.75 b0.1	pg0.15, pm0.75, b0.5	pg0.15, pm0.75, b1
2011 pg0.15, p110.85, b0.5	990.15, prilo.65, b1	pg0.15, pin0.7, b0.005	pg0.15, p110.7, 00.01	pg0.15, pm0.7, b0.05	pg0.15, pm0.7, b0.1	pg0.15, pm0.7, b0.5	pg0.15, pill0.7, b1	pgu. 15, pinu. 75, bu. uus	pg0.15, p110.75, 00.01	pg0.15, pm0.75, b0.05	pg0.15, pill0.75, b0.1	pg0.15, pilo.75, b0.5	pgu. 15, pinu. 75, 01
250 • 245 •											*****		
265 -	pg0.15, pm0.8, b0.01	pg0.15, pm0.8, b0.05	pg0.15, pm0.8, b0.1	pg0.15, pm0.8, b0.5	pg0.15, pm0.8, b1	pg0.15, pm0.85, b0.005		pg0.15, pm0.85, b0.05	pg0.15, pm0.85, b0.1	pg0.15, pm0.85, b0.5	pg0.15, pm0.85, b1	pg0.15, pm0.9, b0.005	pg0.15, pm0.9, b0.01
199 : ••••••••	*******	******				******	•••••	*******				••••••	••••••
pg0.15, pm0.9, b0.05	pg0.15, pm0.9, b0.1	pg0.15, pm0.9, b0.5	pg0.15, pm0.9, b1	pg0.2, pm0.55, b0.005	pg0.2, pm0.55, b0.01	pg0.2, pm0.55, b0.05	pg0.2, pm0.55, b0.1	pg0.2, pm0.55, b0.5	pg0.2, pm0.55, b1	pg0.2, pm0.6, b0.005	pg0.2, pm0.6, b0.01	pg0.2, pm0.6, b0.05	pg0.2, pm0.6, b0.1
*******	*******	******		******	******	******	-	******	•••••	******	· · · · · · · · · · · · · · · · · · ·	-	and a second
pg0.2, pm0.6, b0.5	pg0.2, pm0.6, b1	pg0.2, pm0.65, b0.005	pg0.2, pm0.65, b0.01	pg0.2, pm0.65, b0.05	pg0.2, pm0.65, b0.1	pg0.2, pm0.65, b0.5	pg0.2, pm0.65, b1	pg0.2, pm0.7, b0.005	pg0.2, pm0.7, b0.01	pg0.2, pm0.7, b0.05	pg0.2, pm0.7, b0.1	pg0.2, pm0.7, b0.5	pg0.2, pm0.7, b1
·····	•••••		•••••	******	Second Second	******	•••••				******	******	•••••
pg0.2, pm0.75, b0.005	pg0.2, pm0.75, b0.01	pa0.2. pm0.75. b0.05	pg0.2, pm0.75, b0.1	pg0.2, pm0.75, b0.5	pg0.2, pm0.75, b1	pg0.2, pm0.8, b0.005	pq0.2. pm0.8. b0.01	pg0.2, pm0.8, b0.05	pg0.2, pm0.8, b0.1	pg0.2, pm0.8, b0.5	pg0.2, pm0.8, b1	pg0.2, pm0.85, b0.005	pg0.2, pm0.85, b0.01
2012, pmc.ro, oc.oco	pg0.2, p110.10, 00.01	pgu.z. pmo.ro, 00.00	Pg0.2, p110.70, 00.1	pgo.2, pmo.ro, oc.o	•••••	pgu.2, pmo.0, 00.000	pg0.2, pill0.0, 00.01		Pg0.2, prio.0, 00.1	Pg0.2, priloto, 00.0		pg0.2, pm0.00, 00.000	pg0.2, pill0.00, 00.01
58:	******	******						******					
pg0.2, pm0.85, b0.05	pg0.2, pm0.85, b0.1	pg0.2, pm0.85, b0.5	pg0.2, pm0.85, b1	pg0.2, pm0.9, b0.005	pg0.2, pm0.9, b0.01	pg0.2, pm0.9, b0.05	pg0.2, pm0.9, b0.1	pg0.2, pm0.9, b0.5	pg0.2, pm0.9, b1	pg0.25, pm0.55, b0.005	pg0.25, pm0.55, b0.01	pg0.25, pm0.55, b0.05	pg0.25, pm0.55, b0.1
998	******					******	******		••••••	*****	*****	*****	*****
pg0.25, pm0.55, b0.5	pg0.25, pm0.55, b1	pg0.25, pm0.6, b0.005	pg0.25, pm0.6, b0.01	pg0.25, pm0.6, b0.05	pg0.25, pm0.6, b0.1	pg0.25, pm0.6, b0.5	pg0.25, pm0.6, b1	pg0.25, pm0.65, b0.005	pg0.25, pm0.65, b0.01	pg0.25, pm0.65, b0.05	pg0.25, pm0.65, b0.1	pg0.25, pm0.65, b0.5	pg0.25, pm0.65, b1
·····	******				*****	*****	•••••				*****	*****	•••••
pg0.25, pm0.7, b0.005	pg0.25, pm0.7, b0.01	pg0.25, pm0.7, b0.05	pg0.25, pm0.7, b0.1	pg0.25, pm0.7, b0.5	pg0.25, pm0.7, b1	pg0.25, pm0.75, b0.005	pg0.25, pm0.75, b0.01	pg0.25, pm0.75, b0.05	pg0.25, pm0.75, b0.1	pg0.25, pm0.75, b0.5	pg0.25, pm0.75, b1	pg0.25, pm0.8, b0.005	pg0.25, pm0.8, b0.01
			******	*****	*****				******	*****	*****		
pg0.25, pm0.8, b0.05	pg0.25, pm0.8, b0.1	pg0.25, pm0.8, b0.5	pg0.25, pm0.8, b1	nn0 25 nm0 85 h0 005	na0.25 nm0.85 h0.01	pa0.25. pm0.85. b0.05	pg0.25, pm0.85, b0.1	pg0.25, pm0.85, b0.5	pg0.25, pm0.85, b1	pg0.25, pm0.9, b0.005	pa0.25 pm0.9 b0.01	pg0.25, pm0.9, b0.05	pa0.25. pm0.9. b0.1
28E		++++++	•••••		, g, p, e	-9	P9	••••••	•••••		-9	P	
58: •••••	*****												•••••
pg0.25, pm0.9, b0.5	pg0.25, pm0.9, b1	pg0.3, pm0.55, b0.005	pg0.3, pm0.55, b0.01	pg0.3, pm0.55, b0.05	pg0.3, pm0.55, b0.1	pg0.3, pm0.55, b0.5	pg0.3, pm0.55, b1	pg0.3, pm0.6, b0.005	pg0.3, pm0.6, b0.01	pg0.3, pm0.6, b0.05	pg0.3, pm0.6, b0.1	pg0.3, pm0.6, b0.5	pg0.3, pm0.6, b1
995 - 245 -		****	****	*****	*****			*****	*****	*****	· · · · · · · · · · · · · · · · · · ·		
pg0.3, pm0.65, b0.005	pg0.3, pm0.65, b0.01												
		pg0.3, pm0.65, b0.05	pg0.3, pm0.65, b0.1	pg0.3, pm0.65, b0.5	pg0.3, pm0.65, b1	pg0.3, pm0.7, b0.005	pg0.3, pm0.7, b0.01	pg0.3, pm0.7, b0.05	pg0.3, pm0.7, b0.1	pg0.3, pm0.7, b0.5	pg0.3, pm0.7, b1	pg0.3, pm0.75, b0.005	pg0.3, pm0.75, b0.01
58: ••••		pg0.3, pm0.65, b0.05	pg0.3, pm0.65, b0.1	pg0.3, pm0.65, b0.5	pg0.3, pm0.65, b1	pg0.3, pm0.7, b0.005	pg0.3, pm0.7, b0.01	pg0.3, pm0.7, b0.05	pg0.3, pm0.7, b0.1	pg0.3, pm0.7, b0.5	pg0.3, pm0.7, b1	pg0.3, pm0.75, b0.005	pgu.a, pmu.75, bu.u1
pg0.3, pm0.76, b0.05	pg0.3, pm0.75, b0.1	pg0.3, pm0.65, b0.05	pg0.3, pm0.65, b0.1		pg0.3, pm0.65, b1	pg0.3, pm0.7, b0.005		pg0.3, pm0.7, b0.05	pg0.3, pm0.7, b0.1	*****	pg0.3, pm0.7, b1	pg0.3, pm0.75, b0.005	
pg0.3, pm0.75, b0.05	pg0.3, pm0.75, b0.1		*****	*****	*****		•••••		•+++•	*****	*****		
393 I	•••••	pg0.3, pm0.75, b0.5	pg0.3, pm0.75, b1	pg0.3, pm0.8, b0.005	pg0.3, pm0.8, b0.01	pg0.3, pm0.8, b0.05	pg0.3, pm0.8, b0.1	pg0.3, pm0.8, b0.5	pg0.3, pm0.8, b1	pg0.3, pm0.85, b0.005	pg0.3, pm0.85, b0.01	pg0.3, pm0.85, b0.05	pg0.3, pm0.85, b0.1
∰: ∰: 245 - •••••	pg0.3, pm0.75, b0.1 pg0.3, pm0.85, b1	pg0.3, pm0.75, b0.5	*****	pg0.3, pm0.8, b0.005	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1	pg0.3, pm0.8, b0.05	pg0.3, pm0.8, b0.1	pg0.3, pm0.8, b0.5	pg0.3, pm0.8, b1	*****	pg0.3, pm0.85, b0.01		
pg0.3, pm0.85, b0.5	pg0.3, pm0.85, b1	pg0.3, pm0.75, b0.5 pg0.3, pm0.9, b0.005	pg0.3, pm0.75, b1 pg0.3, pm0.9, b0.01	pg0.3, pm0.8, b0.005	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.005	pg0.3, pm0.8, b1 pg0.35, pm0.55, b0.01	pg0.3, pm0.85, b0.005	pg0.3, pm0.85, b0.01 pg0.35, pm0.55, b0.1	pg0.3, pm0.85, b0.05	pg0.3, pm0.85, b0.1
∰: ∰: 245 - •••••	pg0.3, pm0.85, b1	pg0.3, pm0.75, b0.5 pg0.3, pm0.9, b0.005	pg0.3, pm0.75, b1 pg0.3, pm0.9, b0.01	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.5	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1	pg0.3, pm0.8, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01	pg0.3, pm0.8, b0.5	pg0.3, pm0.8, b1 pg0.35, pm0.55, b0.01	pg0.3, pm0.85, b0.005 pg0.35, pm0.55, b0.05 pg0.35, pm0.65, b0.5	pg0.3, pm0.85, b0.01	pg0.3, pm0.85, b0.05	pg0.3, pm0.85, b0.1 pg0.35, pm0.55, b1 pg0.35, pm0.7, b0.01
pg0.3, pm0.85, b0.5	pg0.3, pm0.85, b1	pg0.3, pm0.75, b0.5 pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05	pg0.3, pm0.75, b1 pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.36, pm0.6, b0.5	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.36, pm0.6, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.65, b0.005	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.005 pg0.35, pm0.65, b0.05	pg0.3, pm0.8, b1 pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1	pg0.3, pm0.85, b0.005 pg0.35, pm0.55, b0.05 pg0.35, pm0.65, b0.5	pg0.3, pm0.85, b0.01 pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1	pg0.3, pm0.85, b0.05 pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005	pg0.3, pm0.85, b0.1 pg0.35, pm0.55, b1 pg0.35, pm0.7, b0.01
pg0.3, pm0.85, b0.5	pg0.3, pm0.85, b1	pg0.3, pm0.75, b0.5 pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5	pg0.3, pm0.76, b1 pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1 pg0.35, pm0.7, b1	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.5	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.36, pm0.6, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.005 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.5	pg0.3, pm0.8, b1 pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1	pg0.3, pm0.85, b0.005 pg0.35, pm0.55, b0.05 pg0.35, pm0.65, b0.5	pg0.3, pm0.85, b0.01 pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1	pg0.3, pm0.85, b0.05	pg0.3, pm0.85, b0.1 pg0.35, pm0.55, b1 pg0.35, pm0.7, b0.01
pg0.3, pm0.85, b0.5	pg0.3, pm0.85, b1	pg0.3, pm0.75, b0.5 pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05	pg0.3, pm0.75, b1 pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.36, pm0.6, b0.5	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.36, pm0.6, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.65, b0.005	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.005 pg0.35, pm0.65, b0.05	pg0.3, pm0.8, b1 pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1	pg0.3, pm0.85, b0.005 pg0.35, pm0.55, b0.05 pg0.35, pm0.65, b0.5	pg0.3, pm0.85, b0.01 pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1	pg0.3, pm0.85, b0.05 pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005	pg0.3, pm0.85, b0.1 pg0.35, pm0.55, b1 pg0.35, pm0.7, b0.01
pg0.3, pm0.85, b0.5	pg0.3, pm0.85, b1	pg0.3, pm0.75, b0.5 pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5	pg0.3, pm0.76, b1 pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1 pg0.35, pm0.7, b1	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.75, b0.005	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.36, pm0.6, b1 pg0.35, pm0.75, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.65, b0.005 pg0.35, pm0.75, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.005 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.5	pg0.3, pm0.8, b1 pg0.36, pm0.56, b0.01 pg0.35, pm0.56, b0.1 pg0.35, pm0.75, b1	pg0.3, pm0.85, b0.005 pg0.35, pm0.65, b0.05 pg0.35, pm0.65, b0.5 pg0.35, pm0.85, b0.5	pg0.3, pm0.85, b0.01 pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1 pg0.35, pm0.8, b0.01	pg0.3, pm0.85, b0.05 pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005	pg0.3, pm0.85, b0.1 pg0.35, pm0.55, b1 pg0.35, pm0.7, b0.01
pg0.3, pm0.85, b0.5	pg0.3, pm0.85, b1 pg0.35, pm0.6, b0.01 pg0.35, pm0.7, b0.1	pg0.3, pm0.75, b0.5 pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5	pg0.3, pm0.76, b1 pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1 pg0.35, pm0.7, b1	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.75, b0.005	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.75, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.86, b0.005 pg0.35, pm0.75, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.75, b0.1	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.05 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.5	pg0.3, pm0.8, b1 pg0.36, pm0.56, b0.01 pg0.35, pm0.56, b0.1 pg0.35, pm0.75, b1	pg0.3, pm0.85, b0.005 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.005	pg0.3, pm0.85, b0.01 pg0.35, pm0.65, b0.1 pg0.36, pm0.65, b1 pg0.35, pm0.8, b0.01	pg0.3, pm0.85, b0.05 pg0.35, pm0.85, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.8, b0.05	pg0.3, pm0.85, b0.1 pg0.35, pm0.85, b1 pg0.36, pm0.8, b0.0
pg0.3, pm0.85, b0.5 pg0.35, pm0.6, b0.005 pg0.35, pm0.7, b0.05 pg0.35, pm0.8, b0.5	pg0.3, pm0.8, b1 pg0.35, pm0.6, b0.01 pg0.35, pm0.7, b0.1 pg0.35, pm0.8, b1	pg0.3, pm0.75, b0.05 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5 pg0.35, pm0.85, b0.005	pg0.3, pm0.76, b1 pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1 pg0.35, pm0.7, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.75, b0.05 pg0.35, pm0.85, b0.05	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.75, b0.01 pg0.35, pm0.85, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.95, b0.01 pg0.35, pm0.95, b0.1	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.005 pg0.36, pm0.65, b0.05 pg0.36, pm0.75, b0.5 pg0.35, pm0.75, b0.5	pg0.3, pm0.8, b1 pg0.3, pm0.55, b0.01 pg0.35, pm0.55, b0.1 pg0.35, pm0.75, b1 pg0.35, pm0.75, b1	pg0.3, pm0.85, b0.005 pg0.35, pm0.55, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.005	pg0.3, pm0.85, b0.01 pg0.35, pm0.85, b0.1 pg0.36, pm0.65, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.8, b0.01	pg0.3, pm0.85, b0.05 pg0.35, pm0.55, b0.05 pg0.35, pm0.7, b0.005 pg0.35, pm0.8, b0.05 pg0.35, pm0.9, b0.05	pg0.3, pm0.85, b0.1 pg0.35, pm0.55, b1 pg0.35, pm0.7, b0.01 pg0.35, pm0.8, b0.1 pg0.35, pm0.8, b1
pg0.3, pm0.85, b0.5	pg0.3, pm0.85, b1 pg0.35, pm0.6, b0.01 pg0.35, pm0.7, b0.1 pg0.35, pm0.8, b1	pg0.3, pm0.75, b0.5 pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5	pg0.3, pm0.75, b1 pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1 pg0.35, pm0.7, b1 pg0.35, pm0.85, b0.01	pg0.3, pm0.8, b0.005 pg0.3, pm0.8, b0.05 pg0.36, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.85, b0.05	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.75, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.95, b0.05 pg0.35, pm0.75, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.75, b0.1	pg0.3; pm0.8; b0.5 pg0.35; pm0.85; b0.05 pg0.35; pm0.85; b0.05 pg0.35; pm0.75; b0.5 pg0.35; pm0.75; b0.05	pg0.3, pm0.8, b1 pg0.35, pm0.55, b0.01 pg0.35, pm0.55, b0.1 pg0.35, pm0.75, b1 pg0.35, pm0.75, b1	pg0.3, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.005 pg0.35, pm0.8, b0.05	pg0.3, pm0.85, b0.01 pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.9, b0.1	pg0.3, pm0.85, b0.05 pg0.35, pm0.85, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.8, b0.05	pg0.3, pm0.85, b0.1 pg0.35, pm0.55, b1 pg0.35, pm0.7, b0.01 pg0.35, pm0.8, b0.1 pg0.35, pm0.8, b1
pg0.3, pm0.8, b0.5 pg0.35, pm0.8, b0.005 pg0.35, pm0.8, b0.005 pg0.35, pm0.7, b0.05 pg0.35, pm0.8, b0.5	pg0.3; pm0.8; b1 pg0.35; pm0.8; b0.01 pg0.35; pm0.7; b0.1 pg0.35; pm0.8; b1 pg0.36; pm0.8; b1	pg0.3, pm0.75, b0.5 pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5 pg0.35, pm0.7, b0.5 pg0.35, pm0.85, b0.005	pg0.3, pm0.76, b1 pg0.3, pm0.9, b0.01 pg0.36, pm0.8, b0.01 pg0.36, pm0.6, b0.1 pg0.36, pm0.56, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.05 pg0.35, pm0.8, b0.5 pg0.35, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.8, b0.1 pg0.35, pm0.85, b0.1 pg0.4, pm0.55, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.36, pm0.85, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.9, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.75, b0.1 pg0.36, pm0.85, b1 pg0.4, pm0.8, b0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.8, b0.005 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.5 pg0.35, pm0.9, b0.005 pg0.4, pm0.8, b0.05	pg0.3, pm0.8, b1 pg0.35, pm0.85, b0.01 pg0.35, pm0.85, b0.01 pg0.35, pm0.95, b0.1 pg0.35, pm0.9, b0.01	pg0.3, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.9, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.85, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.65, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.8, b0.01 pg0.4, pm0.6, b1	pg0.3, pm0.85, b0.05 pg0.35, pm0.85, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.8, b0.05 pg0.36, pm0.8, b0.05 pg0.4, pm0.85, b0.005	pg0.3, pm0.85, b0.1 pg0.35, pm0.55, b1 pg0.36, pm0.7, b0.01 pg0.35, pm0.8, b0.1 pg0.35, pm0.9, b1
pg0.3, pm0.85, b0.5 pg0.35, pm0.6, b0.005 pg0.35, pm0.7, b0.05 pg0.35, pm0.8, b0.5	pg0.3, pm0.8, b1 pg0.35, pm0.6, b0.01 pg0.35, pm0.7, b0.1 pg0.35, pm0.8, b1	pg0.3, pm0.75, b0.5 pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.005 pg0.35, pm0.7, b0.5 pg0.35, pm0.85, b0.005 pg0.4, pm0.85, b0.05	pg0.3, pm0.75, b1 pg0.3, pm0.8, b0.01 pg0.35, pm0.6, b0.1 pg0.35, pm0.6, b0.1 pg0.35, pm0.85, b0.01 pg0.4, pm0.85, b0.01	pg0.3, pm0.8, b0.005 pg0.3, pm0.8, b0.05 pg0.36, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.85, b0.05	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.75, b0.01 pg0.35, pm0.85, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.95, b0.05 pg0.35, pm0.75, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.95, b0.01 pg0.35, pm0.95, b0.1	pg0.3, pm0.8, b0.5 pg0.35, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.9, b0.05 pg0.35, pm0.9, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.8, b1 pg0.35, pm0.85, b0.01 pg0.35, pm0.85, b0.01 pg0.35, pm0.75, b1 pg0.35, pm0.9, b0.01 pg0.4, pm0.8, b0.01	pg0.3, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.005 pg0.35, pm0.8, b0.005 pg0.35, pm0.8, b0.05	pg0.3, pm0.85, b0.01 pg0.35, pm0.85, b0.1 pg0.35, pm0.65, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.8, b0.01 pg0.4, pm0.6, b1	pg0.3, pm0.85, b0.05 pg0.35, pm0.55, b0.05 pg0.35, pm0.7, b0.005 pg0.35, pm0.8, b0.05 pg0.35, pm0.9, b0.05	pg0.3, pm0.85, b0.1 pg0.35, pm0.55, b1 pg0.35, pm0.7, b0.01 pg0.35, pm0.8, b0.1 pg0.35, pm0.8, b1
Pg0.3, pm0.8, 50.5 Pg0.35, pm0.8, 50.00 Pg0.35, pm0.7, 50.05 Pg0.35, pm0.7, 50.05 Pg0.4, pm0.55, 50.05	pg0.3, pm0.8, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.8, b0.01 pg0.35, pm0.8, b1 pg0.4, pm0.85, b0.01	pg0.3, pm0.75, b0.5 pg0.3, pm0.9, b0.005 pg0.36, pm0.8, b0.005 pg0.36, pm0.7, b0.5 pg0.36, pm0.7, b0.5 pg0.4, pm0.65, b0.05 pg0.4, pm0.65, b0.05	pg0.3, pm0.76, b1 pg0.3, pm0.9, b0.01 pg0.36, pm0.8, b0.01 pg0.36, pm0.6, b0.1 pg0.36, pm0.56, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.05 pg0.35, pm0.8, b0.5 pg0.35, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.8, b1 pg0.35, pm0.85, b0.0 pg0.4, pm0.55, b1 pg0.4, pm0.55, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.4, pm0.8, b0.00 pg0.4, pm0.6, b0.00	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b0.1 pg0.35, pm0.95, b0.01 pg0.35, pm0.75, b0.1 pg0.35, pm0.85, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.7, b0.1	pg0.3, pm0.8, b0.5 pg0.35, pm0.85, b0.05 pg0.35, pm0.75, b0.05 pg0.35, pm0.75, b0.5 pg0.35, pm0.75, b0.05 pg0.4, pm0.7, b0.5	pg0.3, pm0.8, b1 pg0.35, pm0.55, b0.01 pg0.35, pm0.55, b0.1 pg0.35, pm0.75, b1 pg0.36, pm0.9, b0.01 pg0.4, pm0.8, b0.1	pg0.3, pm0.85, b0.005 pg0.35, pm0.55, b0.05 pg0.35, pm0.45, b0.5 pg0.35, pm0.45, b0.05 pg0.35, pm0.4, b0.005 pg0.4, pm0.6, b0.5 pg0.4, pm0.75, b0.005	pg0.3, pm0.85, b0.01 pg0.35, pm0.56, b0.1 pg0.35, pm0.56, b0.1 pg0.35, pm0.86, b0.1 pg0.35, pm0.86, b0.1 pg0.4, pm0.76, b0.01	pg0.3, pm0.85, b0.05 pg0.35, pm0.85, b0.5 pg0.35, pm0.7, b0.05 pg0.35, pm0.9, b0.05 pg0.35, pm0.9, b0.05 pg0.4, pm0.75, b0.05	pg0.3, pm0.85, to 1 pg0.35, pm0.75, to 1 pg0.35, pm0.7, to 0.0 pg0.35, pm0.8, to 1 pg0.35, pm0.8, to 1 pg0.4, pm0.85, b0.0 pg0.4, pm0.75, to 1
pg0.3, pm0.8, b0.5 pg0.35, pm0.8, b0.005 pg0.35, pm0.8, b0.005 pg0.35, pm0.7, b0.05 pg0.35, pm0.8, b0.5	pg0.3, pm0.8, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.8, b0.01 pg0.36, pm0.7, b0.1 pg0.4, pm0.56, b0.01 pg0.4, pm0.56, b0.1 pg0.4, pm0.76, b1	pg0.3, pm0.75, b0.5 pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.005 pg0.35, pm0.7, b0.5 pg0.35, pm0.85, b0.005 pg0.4, pm0.85, b0.05	pg0.3, pm0.75, b1 pg0.3, pm0.8, b0.01 pg0.35, pm0.6, b0.1 pg0.35, pm0.6, b0.1 pg0.35, pm0.85, b0.01 pg0.4, pm0.85, b0.01	pg0.3, pm0.8, b0.005 pg0.3, pm0.8, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.4, pm0.7, b0.005	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.6, b1 pg0.35, pm0.85, b0.1 pg0.4, pm0.55, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.36, pm0.85, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b0.1 pg0.35, pm0.95, b0.01 pg0.35, pm0.75, b0.1 pg0.35, pm0.85, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.7, b0.1	pg0.3, pm0.8, b0.5 pg0.35, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.9, b0.05 pg0.35, pm0.9, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.8, b1 pg0.35, pm0.55, b0.01 pg0.35, pm0.55, b0.1 pg0.35, pm0.75, b1 pg0.36, pm0.9, b0.01 pg0.4, pm0.8, b0.1	pg0.3, pm0.85, b0.005 pg0.35, pm0.55, b0.05 pg0.35, pm0.45, b0.5 pg0.35, pm0.45, b0.05 pg0.35, pm0.4, b0.005 pg0.4, pm0.6, b0.5 pg0.4, pm0.75, b0.005	pg0.3, pm0.85, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.65, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.8, b0.01 pg0.4, pm0.6, b1	pg0.3, pm0.85, b0.05 pg0.35, pm0.55, b0.05 pg0.35, pm0.7, b0.005 pg0.35, pm0.8, b0.05 pg0.35, pm0.9, b0.05 pg0.4, pm0.45, b0.05	pg0.3, pm0.85, b0.1 pg0.35, pm0.55, b1 pg0.36, pm0.7, b0.01 pg0.35, pm0.8, b0.1 pg0.35, pm0.9, b1
Pg0.3, pm0.8, 50.5 Pg0.35, pm0.8, 50.00 Pg0.35, pm0.7, 50.05 Pg0.35, pm0.7, 50.05 Pg0.4, pm0.55, 50.05	pg0.3, pm0.8, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.8, b0.01 pg0.35, pm0.8, b1 pg0.4, pm0.85, b0.01	pg0.3, pm0.75, b0.5 pg0.3, pm0.9, b0.005 pg0.36, pm0.8, b0.005 pg0.36, pm0.7, b0.5 pg0.36, pm0.7, b0.5 pg0.4, pm0.65, b0.05 pg0.4, pm0.65, b0.05	pg0.3, pm0.75, b1 pg0.3, pm0.8, b0.01 pg0.35, pm0.8, b0.1 pg0.35, pm0.8, b0.01 pg0.35, pm0.85, b0.01 pg0.4, pm0.85, b0.1	pg0.3, pm0.8, b0.005 pg0.3, pm0.8, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.4, pm0.7, b0.005	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.8, b1 pg0.35, pm0.85, b0.0 pg0.4, pm0.55, b1 pg0.4, pm0.55, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.4, pm0.8, b0.00 pg0.4, pm0.6, b0.00	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b0.1 pg0.35, pm0.95, b0.01 pg0.35, pm0.75, b0.1 pg0.35, pm0.85, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.7, b0.1	pg0.3, pm0.8, b0.5 pg0.35, pm0.85, b0.005 pg0.35, pm0.75, b0.05 pg0.35, pm0.75, b0.5 pg0.35, pm0.75, b0.005 pg0.4, pm0.7, b0.5	pg0.3, pm0.8, b1 pg0.35, pm0.55, b0.01 pg0.35, pm0.55, b0.1 pg0.35, pm0.75, b1 pg0.36, pm0.9, b0.01 pg0.4, pm0.8, b0.1	pg0.3, pm0.85, b0.005 pg0.35, pm0.55, b0.05 pg0.35, pm0.45, b0.5 pg0.35, pm0.45, b0.05 pg0.35, pm0.4, b0.005 pg0.4, pm0.6, b0.5 pg0.4, pm0.75, b0.005	pg0.3, pm0.85, b0.01 pg0.35, pm0.56, b0.1 pg0.35, pm0.56, b0.1 pg0.35, pm0.86, b0.1 pg0.35, pm0.86, b0.1 pg0.4, pm0.76, b0.01	pg0.3, pm0.85, b0.05 pg0.35, pm0.85, b0.5 pg0.35, pm0.7, b0.05 pg0.35, pm0.9, b0.05 pg0.35, pm0.9, b0.05 pg0.4, pm0.75, b0.05	pg0.3, pm0.85, to 1 pg0.35, pm0.75, to 1 pg0.35, pm0.7, to 0.0 pg0.35, pm0.8, to 1 pg0.35, pm0.8, to 1 pg0.4, pm0.85, b0.0 pg0.4, pm0.75, to 1
pq0.3, pm0.85, 50.5 pq0.35, pm0.6, 50.005 pq0.35, pm0.6, 50.005 pq0.36, pm0.7, 50.05 pq0.4, pm0.55, 50.005 pq0.4, pm0.55, 50.005 pq0.4, pm0.75, 50.05	pg0.3, pm0.85, b1 pg0.35, pm0.6, b0.01 pg0.35, pm0.7, b0.1 pg0.36, pm0.56, b0.0 pg0.4, pm0.55, b0.01 pg0.4, pm0.85, b0.1	pg0.3, pm0.75, b0.5 pg0.3, pm0.4, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.8, b0.005 pg0.35, pm0.8, b0.005 pg0.4, pm0.65, b0.05 pg0.4, pm0.65, b0.05	pg0.3, pm0.76, b1 pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1 pg0.35, pm0.85, b0.01 pg0.4, pm0.65, b0.1 pg0.4, pm0.65, b1	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.75, b0.05 pg0.35, pm0.55, b0.5 pg0.4, pm0.55, b0.5 pg0.4, pm0.5, b0.5	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.6, b1 pg0.35, pm0.85, b0.1 pg0.4, pm0.85, b1 pg0.4, pm0.8, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.4, pm0.7, b0.05 pg0.4, pm0.7, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.95, b0.01 pg0.35, pm0.85, b0.01 pg0.35, pm0.85, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b1	pg0.3, pm0.8, b0.5 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.8, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.85, b0.1 pg0.35, pm0.8, b0.1 pg0.35, pm0.8, b0.1 pg0.4, pm0.8, b0.1 pg0.4, pm0.8, b0.1	pg0.3, pm0.85, b0.05 pg0.35, pm0.55, b0.05 pg0.35, pm0.45, b0.5 pg0.35, pm0.45, b0.05 pg0.35, pm0.4, b0.005 pg0.4, pm0.4, b0.05 pg0.4, pm0.75, b0.005	pg0.3, pm0.85, b0.01 pg0.35, pm0.45, b0.1 pg0.35, pm0.45, b0.1 pg0.35, pm0.45, b0.0 pg0.35, pm0.75, b0.01 pg0.4, pm0.75, b0.01 pg0.4, pm0.75, b0.01	pg0.3, pm0.85, b0.05 pg0.35, pm0.55, b0.05 pg0.35, pm0.7, b0.005 pg0.35, pm0.8, b0.05 pg0.35, pm0.9, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05	pg0.3, pm0.5, b0.1 pg0.36, pm0.55, b1 pg0.36, pm0.57, b0.0 pg0.35, pm0.7, b0.0 pg0.35, pm0.8, b0.1 pg0.4, pm0.85, b0.0 pg0.4, pm0.85, b0.0
pq0.3, pm0.85, 50.5 pq0.35, pm0.6, 50.005 pq0.35, pm0.6, 50.005 pq0.36, pm0.7, 50.05 pq0.4, pm0.55, 50.005 pq0.4, pm0.55, 50.005 pq0.4, pm0.75, 50.05	pg0.3, pm0.85, b1 pg0.35, pm0.6, b0.01 pg0.35, pm0.7, b0.1 pg0.36, pm0.56, b0.0 pg0.4, pm0.55, b0.01 pg0.4, pm0.85, b0.1	pg0.3, pm0.75, b0.5 pg0.3, pm0.4, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.8, b0.005 pg0.35, pm0.8, b0.005 pg0.4, pm0.65, b0.05 pg0.4, pm0.65, b0.05	pg0.3, pm0.76, b1 pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1 pg0.35, pm0.85, b0.01 pg0.4, pm0.65, b0.1 pg0.4, pm0.65, b1	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.75, b0.05 pg0.35, pm0.55, b0.5 pg0.4, pm0.55, b0.5 pg0.4, pm0.5, b0.5	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.8, b0.1 pg0.35, pm0.85, b0.1 pg0.4, pm0.55, b1 pg0.4, pm0.7, b0.01 pg0.4, pm0.7, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.65, b0.05 pg0.35, pm0.65, b0.05 pg0.35, pm0.48, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.8, b0.1 pg0.35, pm0.85, b0.01 pg0.35, pm0.85, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.85, b0.05 pg0.35, pm0.65, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.8, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.85, b0.1 pg0.35, pm0.8, b0.1 pg0.35, pm0.8, b0.1 pg0.4, pm0.8, b0.1 pg0.4, pm0.8, b0.1	pg0.3, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.85, b0.01 pg0.35, pm0.45, b0.1 pg0.35, pm0.45, b0.1 pg0.35, pm0.45, b0.0 pg0.35, pm0.75, b0.01 pg0.4, pm0.75, b0.01 pg0.4, pm0.75, b0.01	pg0.3, pm0.85, b0.05 pg0.35, pm0.55, b0.05 pg0.35, pm0.7, b0.005 pg0.35, pm0.8, b0.05 pg0.35, pm0.9, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05	pg0.3, pm0.5, b0.1 pg0.36, pm0.55, b1 pg0.36, pm0.57, b0.0 pg0.35, pm0.7, b0.0 pg0.35, pm0.8, b0.1 pg0.4, pm0.85, b0.0 pg0.4, pm0.85, b0.0
Pg0.3, pm0.85, b0.5 Pg0.35, pm0.8, b0.05 Pg0.35, pm0.7, b0.05 Pg0.35, pm0.7, b0.05 Pg0.4, pm0.55, b0.05 pg0.4, pm0.55, b0.05 pg0.4, pm0.55, b0.05	pg0.3, pm0.8, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.7, b0.1 pg0.36, pm0.8, b0.01 pg0.4, pm0.85, b0.01 pg0.4, pm0.85, b0.1 pg0.4, pm0.75, b1	pg0.3, pm0.75, b0.5 pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.005 pg0.35, pm0.7, b0.5 pg0.35, pm0.85, b0.005 pg0.4, pm0.85, b0.005 pg0.4, pm0.85, b0.005 pg0.4, pm0.8, b0.005	pg0.3, pm0.75, b1 pg0.3, pm0.8, b0.01 pg0.35, pm0.6, b0.1 pg0.35, pm0.8, b0.1 pg0.35, pm0.85, b0.1 pg0.4, pm0.85, b0.1 pg0.4, pm0.8, b0.1	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.86, b0.05 pg0.35, pm0.86, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.5	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.6, b0.01 pg0.4, pm0.55, b1 pg0.4, pm0.7, b0.01 pg0.4, pm0.8, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.45, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.5	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.85, b0.01 pg0.35, pm0.85, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b1 pg0.4, pm0.8, b1	pg0.3, pm0.8, b0.5 pg0.35, pm0.8, b0.05 pg0.35, pm0.55, b0.05 pg0.35, pm0.9, b0.05 pg0.35, pm0.9, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.7, b0.5 pg0.4, pm0.55, b0.05	pg0.3, pm0.8, b.0 pg0.35, pm0.65, b.0.0 pg0.36, pm0.65, b.0.1 pg0.36, pm0.75, b1 pg0.4, pm0.8, b.0.1 pg0.4, pm0.7, b1 pg0.4, pm0.8, b.0.1	pg0.3, pm0.85, b0.005 pg0.35, pm0.95, b0.005 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.005 pg0.35, pm0.8, b0.005 pg0.4, pm0.8, b0.005 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05	pg0.3, pm0.85, b0.01 pg0.35, pm0.56, b1 pg0.35, pm0.56, b1 pg0.35, pm0.86, b1 pg0.35, pm0.86, b1 pg0.35, pm0.86, b1 pg0.4, pm0.75, b0.01 pg0.4, pm0.85, b1 pg0.4, pm0.85, b1	pg0.3, pm0.85, b0.05 pg0.35, pm0.7, b0.05 pg0.35, pm0.7, b0.05 pg0.36, pm0.8, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05	pg0.3, pm0.85, io.1 pg0.35, pm0.95, b1 pg0.35, pm0.9, io.01 pg0.35, pm0.9, io.01 pg0.35, pm0.9, io.01 pg0.4, pm0.85, b1 pg0.4, pm0.85, b1 pg0.4, pm0.85, b1
Pg0.3, pm0.85, b0.5 Pg0.35, pm0.8, b0.05 Pg0.35, pm0.7, b0.05 Pg0.35, pm0.7, b0.05 Pg0.4, pm0.55, b0.05 pg0.4, pm0.55, b0.05 pg0.4, pm0.55, b0.05	pg0.3, pm0.8, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.8, b0.01 pg0.36, pm0.8, b0.01 pg0.4, pm0.85, b0.01 pg0.4, pm0.85, b0.1 pg0.4, pm0.9, b0.01	pg0.3, pm0.75, 50.5 pg0.3, pm0.8, 50.005 pg0.35, pm0.8, 50.005 pg0.35, pm0.8, 50.005 pg0.4, pm0.85, 50.05 pg0.4, pm0.85, 50.05 pg0.4, pm0.8, 50.005 pg0.4, pm0.8, 50.005	pg0.3, pm0.76, b1 pg0.3, pm0.9, b0.01 pg0.36, pm0.8, b0.01 pg0.36, pm0.8, b0.1 pg0.36, pm0.86, b0.1 pg0.4, pm0.86, b0.01 pg0.4, pm0.86, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.55, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.9, b0.1 pg0.35, pm0.75, b0.01 pg0.35, pm0.85, b0.1 pg0.4, pm0.9, b0.1 pg0.4, pm0.9, b0.1 pg0.4, pm0.9, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.36, pm0.85, b0.05 pg0.4, pm0.8, b0.5 pg0.45, pm0.85, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.9, b1 pg0.35, pm0.85, b0.01 pg0.45, pm0.85, b1 pg0.4, pm0.8, b1 pg0.4, pm0.8, b1 pg0.45, pm0.85, b0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.05 pg0.35, pm0.55, b0.05 pg0.35, pm0.75, b0.5 pg0.35, pm0.75, b0.5 pg0.4, pm0.7, b0.5 pg0.4, pm0.7, b0.5 pg0.4, pm0.55, b0.05 pg0.45, pm0.65, b0.05	pg0.3, pm0.8, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.9, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.85, b0.01 pg0.45, pm0.55, b1	Pg0.3, pm0.85, b0.005 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.85, b0.05 pg0.45, pm0.55, b0.05	pg0.3, pm0.85, b0.01 pg0.35, pm0.85, b0.1 pg0.35, pm0.45, b0.1 pg0.35, pm0.45, b0.1 pg0.35, pm0.45, b0.01 pg0.45, pm0.75, b0.01 pg0.45, pm0.75, b0.01 pg0.46, pm0.75, b0.01	pg0.3, pm0.85, b0.05 pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05 pg0.45, pm0.8, b0.008	pg0.3, pm0.85, io.1 pg0.35, pm0.95, b1 pg0.35, pm0.9, io.01 pg0.35, pm0.9, io.01 pg0.35, pm0.9, io.01 pg0.4, pm0.85, b1 pg0.4, pm0.85, b1 pg0.4, pm0.85, b1
Pg0.3, pm0.85, b.0.5 Pg0.35, pm0.7, b.0.05 Pg0.35, pm0.7, b.0.05 Pg0.35, pm0.7, b.0.05 Pg0.4, pm0.55, b.0.05 Pg0.4, pm0.55, b.0.05 Pg0.4, pm0.55, b.0.05 Pg0.4, pm0.55, b.0.05	pg0.3, pm0.85, b1 pg0.35, pm0.6, b0.01 pg0.35, pm0.7, b0.1 pg0.35, pm0.7, b0.1 pg0.4, pm0.25, b0.01 pg0.4, pm0.75, b1 pg0.4, pm0.75, b1 pg0.4, pm0.9, b0.01	pg0.3, pm0.75, b0.5 pg0.3, pm0.8, b0.005 pg0.35, pm0.8, b0.005 pg0.35, pm0.8, b0.005 pg0.35, pm0.85, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.76, b1 pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.01 pg0.35, pm0.6, b0.01 pg0.45, pm0.85, b0.01 pg0.4, pm0.85, b0.1 pg0.4, pm0.85, b1 pg0.4, pm0.85, b1	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.6, b0.5 pg0.35, pm0.55, b0.05 pg0.4, pm0.55, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.6, b1 pg0.35, pm0.85, b0.1 pg0.4, pm0.75, b0.01 pg0.4, pm0.7, b0.01 pg0.4, pm0.9, b1 pg0.4, pm0.9, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.95, b0.01 pg0.35, pm0.85, b0.01 pg0.35, pm0.85, b1 pg0.4, pm0.8, b0.1 pg0.4, pm0.8, b0.1 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.05 pg0.35, pm0.55, b0.05 pg0.35, pm0.75, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.7, b0.5 pg0.4, pm0.7, b0.5 pg0.4, pm0.85, b0.05	pg0.3, pm0.8, b.0.1 pg0.35, pm0.65, b.0.01 pg0.35, pm0.65, b.0.01 pg0.35, pm0.75, b.1 pg0.35, pm0.8, b.0.01 pg0.4, pm0.8, b.0.1 pg0.4, pm0.85, b.0.1 pg0.45, pm0.85, b.0.1	pg0.3, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.85, b0.01 pg0.35, pm0.56, b0.1 pg0.35, pm0.56, b0.1 pg0.36, pm0.86, b0.1 pg0.36, pm0.86, b0.1 pg0.4, pm0.76, b0.01 pg0.4, pm0.76, b0.01 pg0.46, pm0.76, b0.01	pg0.3, pm0.85, b0.05 pg0.35, pm0.85, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.8, b0.05 pg0.35, pm0.9, b0.05 pg0.4, pm0.85, b0.005 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05	pg0.35, pm0.55, b0.1 pg0.35, pm0.55, b1 pg0.35, pm0.55, b1 pg0.35, pm0.03, b0.1 pg0.35, pm0.03, b0.1 pg0.4, pm0.05, b0.1 pg0.4, pm0.05, b0.1 pg0.4, pm0.05, b0.1 pg0.45, pm0.75, b0.1
Pg0.3, pm0.85, b.0.5 Pg0.35, pm0.7, b.0.05 Pg0.35, pm0.7, b.0.05 Pg0.35, pm0.7, b.0.05 Pg0.4, pm0.55, b.0.05 Pg0.4, pm0.55, b.0.05 Pg0.4, pm0.55, b.0.05 Pg0.4, pm0.55, b.0.05	pg0.3, pm0.85, b1 pg0.35, pm0.6, b0.01 pg0.36, pm0.7, b0.1 pg0.36, pm0.7, b0.1 pg0.4, pm0.56, b0.01 pg0.4, pm0.75, b1 pg0.4, pm0.7, b1 pg0.45, pm0.7, b1	pg0.3, pm0.75, b0.5 pg0.3, pm0.6, b0.05 pg0.35, pm0.6, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.45, pm0.6, b0.5	pg0.3, pm0.76, b1 pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.01 pg0.35, pm0.6, b0.01 pg0.45, pm0.85, b0.01 pg0.4, pm0.85, b0.1 pg0.4, pm0.85, b1 pg0.4, pm0.85, b1	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.6, b0.5 pg0.35, pm0.55, b0.05 pg0.4, pm0.55, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.6, b1 pg0.35, pm0.85, b0.1 pg0.4, pm0.75, b0.01 pg0.4, pm0.7, b0.01 pg0.4, pm0.9, b1 pg0.4, pm0.9, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.65, b0.05 pg0.35, pm0.45, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.75, b0.05 pg0.4, pm0.75, b0.05 pg0.45, pm0.55, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.95, b0.01 pg0.35, pm0.85, b0.01 pg0.45, pm0.85, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.45, pm0.85, b0.01 pg0.45, pm0.55, b0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.8, b0.05 pg0.35, pm0.55, b0.05 pg0.35, pm0.75, b0.5 pg0.35, pm0.8, b0.005 pg0.4, pm0.7, b0.5 pg0.4, pm0.8, b0.05 pg0.4, pm0.55, b0.05 pg0.45, pm0.55, b0.05	pg0.3, pm0.8, b.0.1 pg0.35, pm0.65, b.0.01 pg0.35, pm0.65, b.0.01 pg0.35, pm0.75, b.1 pg0.35, pm0.8, b.0.01 pg0.4, pm0.8, b.0.1 pg0.4, pm0.85, b.0.1 pg0.45, pm0.85, b.0.1	Pg0.3, pm0.85, b0.005 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.85, b0.05 pg0.45, pm0.55, b0.05	pg0.3, pm0.85, b0.01 pg0.35, pm0.56, b0.1 pg0.35, pm0.56, b0.1 pg0.36, pm0.86, b0.1 pg0.36, pm0.86, b0.1 pg0.4, pm0.76, b0.01 pg0.4, pm0.76, b0.01 pg0.46, pm0.76, b0.01	pg0.3, pm0.85, b0.05 pg0.35, pm0.85, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.8, b0.05 pg0.35, pm0.9, b0.05 pg0.4, pm0.85, b0.005 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05	pg0.35, pm0.55, b0.1 pg0.35, pm0.55, b1 pg0.35, pm0.55, b1 pg0.35, pm0.57, b0.1 pg0.45, pm0.75, b0.1 pg0.4, pm0.85, b0.0 pg0.4, pm0.85, b0.0 pg0.45, pm0.75, b0.1 pg0.45, pm0.75, b0.1
Pg0.3, pm0.8, 50.5 Pg0.35, pm0.8, 50.55 Pg0.35, pm0.8, 50.55 Pg0.35, pm0.7, 50.55 Pg0.4, pm0.55, 50.05 Pg0.4, pm0.55, 50.05 Pg0.4, pm0.55, 50.05 Pg0.4, pm0.55, 50.05 Pg0.4, pm0.55, 50.05 Pg0.4, pm0.55, 50.05	pg0.3, pm0.8, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.7, b0.1 pg0.36, pm0.8, b1 pg0.4, pm0.65, b0.01 pg0.4, pm0.65, b0.01 pg0.4, pm0.65, b0.01 pg0.4, pm0.65, b0.01 pg0.4, pm0.75, b1 pg0.45, pm0.7, b1	pg0.3, pm0.75, 50.5 pg0.3, pm0.8, 50.005 pg0.36, pm0.8, 50.005 pg0.36, pm0.7, 50.5 pg0.4, pm0.8, 50.005 pg0.4, pm0.8, 50.005 pg0.4, pm0.8, 50.005 pg0.4, pm0.8, 50.05 pg0.4, pm0.8, 50.05	pg0.3, pm0.75, b1 pg0.3, pm0.9, b0.01 pg0.35, pm0.8, b0.01 pg0.36, pm0.8, b0.01 pg0.45, pm0.85, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.36, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.55, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.9, b0.1 pg0.35, pm0.75, b0.01 pg0.35, pm0.85, b0.1 pg0.4, pm0.75, b0.01 pg0.4, pm0.9, b1 pg0.4, pm0.9, b1 pg0.45, pm0.65, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.5 pg0.45, pm0.85, b0.05 pg0.45, pm0.85, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.9, b1 pg0.35, pm0.85, b0.01 pg0.45, pm0.85, b1 pg0.4, pm0.8, b1 pg0.4, pm0.8, b1 pg0.45, pm0.85, b0.01 pg0.45, pm0.85, b0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.05 pg0.35, pm0.55, b0.05 pg0.35, pm0.75, b0.5 pg0.35, pm0.75, b0.5 pg0.4, pm0.7, b0.5 pg0.4, pm0.8, b0.05 pg0.4, pm0.85, b0.05 pg0.45, pm0.85, b0.05	pg0.3, pm0.8, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.75, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.85, b0.01 pg0.45, pm0.85, b1	pg0.3, pm0.85, b0.005 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.85, b0.05 pg0.45, pm0.55, b0.05	pg0.3, pm0.85, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.65, b0.1 pg0.35, pm0.66, b1 pg0.36, pm0.8, b0.01 pg0.4, pm0.86, b0.1 pg0.4, pm0.85, b0.1 pg0.45, pm0.85, b0.1 pg0.45, pm0.56, b1	pg0.3, pm0.85, b0.05 pg0.35, pm0.85, b0.5 pg0.35, pm0.7, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05 pg0.45, pm0.8, b0.05	pg0.35, pm0.55, b0.1 pg0.35, pm0.55, b1 pg0.35, pm0.55, b1 pg0.35, pm0.7, b0.0 pg0.35, pm0.7, b0.1 pg0.4, pm0.85, b1 pg0.4, pm0.85, b1 pg0.4, pm0.85, b1 pg0.45, pm0.7, b1
Pg0.3, pm0.8, 50.5 Pg0.35, pm0.8, 50.55 Pg0.35, pm0.8, 50.55 Pg0.35, pm0.7, 50.55 Pg0.4, pm0.55, 50.05 Pg0.4, pm0.55, 50.05 Pg0.4, pm0.55, 50.05 Pg0.4, pm0.55, 50.05 Pg0.4, pm0.55, 50.05 Pg0.4, pm0.55, 50.05	pg0.3, pm0.8, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.7, b0.1 pg0.36, pm0.8, b1 pg0.4, pm0.65, b0.01 pg0.4, pm0.65, b0.01 pg0.4, pm0.65, b0.01 pg0.4, pm0.65, b0.01 pg0.4, pm0.75, b1 pg0.45, pm0.7, b1	pg0.3, pm0.75, 50.5 pg0.3, pm0.8, 50.005 pg0.36, pm0.8, 50.005 pg0.36, pm0.7, 50.5 pg0.4, pm0.8, 50.005 pg0.4, pm0.8, 50.005 pg0.4, pm0.8, 50.005 pg0.4, pm0.8, 50.05 pg0.4, pm0.8, 50.05	pg0.3, pm0.75, b1 pg0.3, pm0.9, b0.01 pg0.35, pm0.8, b0.01 pg0.36, pm0.8, b0.01 pg0.45, pm0.85, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.36, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.55, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.9, b0.1 pg0.35, pm0.75, b0.01 pg0.35, pm0.85, b0.1 pg0.4, pm0.75, b0.01 pg0.4, pm0.9, b1 pg0.4, pm0.9, b1 pg0.45, pm0.65, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.5 pg0.45, pm0.85, b0.05 pg0.45, pm0.85, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.9, b1 pg0.35, pm0.85, b0.01 pg0.45, pm0.85, b1 pg0.4, pm0.8, b1 pg0.4, pm0.8, b1 pg0.45, pm0.85, b0.01 pg0.45, pm0.85, b0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.05 pg0.35, pm0.55, b0.05 pg0.35, pm0.75, b0.5 pg0.35, pm0.75, b0.5 pg0.4, pm0.7, b0.5 pg0.4, pm0.8, b0.05 pg0.4, pm0.85, b0.05 pg0.45, pm0.85, b0.05	pg0.3, pm0.8, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.75, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.85, b0.01 pg0.45, pm0.85, b1	pg0.3, pm0.85, b0.005 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.85, b0.05 pg0.45, pm0.55, b0.05	pg0.3, pm0.85, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.65, b0.1 pg0.35, pm0.66, b1 pg0.36, pm0.8, b0.01 pg0.4, pm0.86, b0.1 pg0.4, pm0.85, b0.1 pg0.45, pm0.85, b0.1 pg0.45, pm0.56, b1	pg0.3, pm0.85, b0.05 pg0.35, pm0.85, b0.5 pg0.35, pm0.7, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05 pg0.45, pm0.8, b0.05	pg0.35, pm0.55, b0.1 pg0.35, pm0.55, b1 pg0.35, pm0.55, b1 pg0.35, pm0.7, b0.0 pg0.35, pm0.7, b0.1 pg0.4, pm0.85, b1 pg0.4, pm0.85, b1 pg0.4, pm0.85, b1 pg0.45, pm0.7, b1
Pg0.3, pm0.85, b0.5 Pg0.35, pm0.7, b0.05 Pg0.35, pm0.7, b0.05 Pg0.35, pm0.7, b0.05 Pg0.4, pm0.55, b0.05 Pg0.4, pm0.55, b0.05 Pg0.4, pm0.55, b0.05 Pg0.4, pm0.55, b0.05 Pg0.4, pm0.7, b0.5	pg0.3, pm0.8, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.8, b0.01 pg0.36, pm0.8, b0.01 pg0.4, pm0.85, b0.01 pg0.4, pm0.85, b0.01 pg0.4, pm0.9, b1 pg0.4, pm0.9, b0.01 pg0.45, pm0.7, b1	pg0.3, pm0.75, 50.5 pg0.3, pm0.8, 50.05 pg0.35, pm0.8, 50.05 pg0.35, pm0.8, 50.05 pg0.4, pm0.85, 50.05 pg0.4, pm0.85, 50.05 pg0.4, pm0.85, 50.05 pg0.4, pm0.8, 50.05 pg0.4, pm0.8, 50.05 pg0.4, pm0.8, 50.05	pg0.3, pm0.75, b1 pg0.3, pm0.9, b0.01 pg0.35, pm0.8, b0.01 pg0.35, pm0.8, b0.01 pg0.35, pm0.85, b0.01 pg0.4, pm0.85, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.45, pm0.8, b0.01	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.35, pm0.9, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.45, pm0.8, b0.05 pg0.45, pm0.85, b0.05	pg0.3, pm0.8, b0.01 pg0.3, pm0.9, b0.1 pg0.35, pm0.4, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.85, b0.01 pg0.4, pm0.85, b1 pg0.4, pm0.9, b1 pg0.45, pm0.85, b0.01 pg0.45, pm0.85, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.36, pm0.75, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.45, pm0.85, b0.05 pg0.45, pm0.75, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.9, b1 pg0.35, pm0.85, b0.01 pg0.45, pm0.85, b0.01 pg0.4, pm0.8, b1 pg0.4, pm0.8, b1 pg0.45, pm0.85, b0.01 pg0.45, pm0.25, b0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.05 pg0.35, pm0.55, b0.05 pg0.35, pm0.75, b0.5 pg0.35, pm0.9, b0.05 pg0.4, pm0.9, b0.05 pg0.4, pm0.9, b0.05 pg0.4, pm0.55, b0.05 pg0.45, pm0.85, b0.05	pg0.3, pm0.8, b0.1 pg0.35, pm0.65, b0.01 pg0.35, pm0.55, b0.1 pg0.36, pm0.75, b1 pg0.36, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.65, b0.1 pg0.45, pm0.85, b0.1 pg0.45, pm0.85, b0.1	pg0.3, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	Pag0.3, pm0.85, b0.01 Pag0.35, pm0.46, b1 Pag0.35, pm0.46, b1 Pag0.35, pm0.4, b0.01 Pag0.45, pm0.45, b0.01 Pag0.44, pm0.45, b0.01 Pag0.44, pm0.45, b0.01 Pag0.44, pm0.45, b0.01 Pag0.44, pm0.45, b0.1	pg0.3, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.7, b0.05 pg0.36, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05 pg0.45, pm0.8, b0.05 pg0.45, pm0.8, b0.05 pg0.45, pm0.8, b0.05	pg0.35, pm0.55, b0.1 pg0.35, pm0.55, b1 pg0.35, pm0.55, b1 pg0.35, pm0.7, b0.0 pg0.35, pm0.7, b0.1 pg0.4, pm0.85, b1 pg0.4, pm0.85, b1 pg0.4, pm0.85, b1 pg0.45, pm0.7, b1

**Supplementary Figure 43.** Effect of  $p_r$  parameter on the overall AUPR. Changing the  $p_r$  parameter while keeping the other parameters fixed, the average performance across 3 cell types based on AUPR on simulated dataset 1.

AUPR comparison of pm0.55, pr0.05, b0.005		pm0.55, pr0.05, b0.05	pm0.55, pr0.05, b0.1	pm0.55, pr0.05, b0.5	pm0.55, pr0.05, b1	pm0.55, pr0.1, b0.005	pm0.55, pr0.1, b0.01	pm0.55, pr0.1, b0.05	pm0.55, pr0.1, b0.1	pm0.55, pr0.1, b0.5	pm0.55, pr0.1, b1	pm0.55, pr0.15, b0.005	pm0.55, pr0.15,
•	•	•	•	•	•	••	•	••	••	**	••	•••	•••
pm0.55, pr0.15, b0.05	pm0.55, pr0.15, b0.1	pm0.55, pr0.15, b0.5	pm0.55, pr0.15, b1	pm0.55, pr0.2, b0.005	pm0.55, pr0.2, b0.01	pm0.55, pr0.2, b0.05	pm0.55, pr0.2, b0.1	pm0.55, pr0.2, b0.5	pm0.55, pr0.2, b1	pm0.55, pr0.25, b0.005	pm0.55, pr0.25, b0.01	pm0.55, pr0.25, b0.05	pm0.55, pr0.25
pm0.55, pr0.25, b0.5	pm0.55, pr0.25, b1	pm0.55, pr0.3, b0.005	pm0.55, pr0.3, b0.01	pm0.55, pr0.3, b0.05	pm0.55, pr0.3, b0.1	pm0.55, pr0.3, b0.5	pm0.55, pr0.3, b1		pm0.55, pr0.35, b0.01	pm0.55, pr0.35, b0.05	pm0.55, pr0.35, b0.1	pm0.55, pr0.35, b0.5	pm0.55, pr0.3
****		*****	*****	*****	*****	•••••		******	******	•••••	******		•••••
pm0.55, pr0.4, b0.005	pm0.55, pr0.4, b0.01	pm0.55, pr0.4, b0.05	pm0.55, pr0.4, b0.1	pm0.55, pr0.4, b0.5	pm0.55, pr0.4, b1	pm0.55, pr0.45, b0.005	pm0.55, pr0.45, b0.01	pm0.55, pr0.45, b0.05	pm0.55, pr0.45, b0.1	pm0.55, pr0.45, b0.5	pm0.55, pr0.45, b1	pm0.55, pr0.5, b0.005	pm0.55, pr0.5
	pm0.55, pr0.5, b0.1	pm0.55, pr0.5, b0.5	pm0.55, pr0.5, b1	pm0.6, pr0.05, b0.005	pm0.6, pr0.05, b0.01	pm0.6, pr0.05, b0.05	pm0.6, pr0.05, b0.1	pm0.6, pr0.05, b0.5	pm0.6, pr0.05, b1	pm0.6, pr0.1, b0.005	pm0.6, pr0.1, b0.01	pm0.6, pr0.1, b0.05	pm0.6, pr0.1
			*******	•	•	•	•	•	•	**	*	••	••
pm0.6, pr0.1, b0.5	pm0.6, pr0.1, b1	pm0.6, pr0.15, b0.005	pm0.6, pr0.15, b0.01	pm0.6, pr0.15, b0.05	pm0.6, pr0.15, b0.1	pm0.6, pr0.15, b0.5	pm0.6, pr0.15, b1	pm0.6, pr0.2, b0.005	pm0.6, pr0.2, b0.01	pm0.6, pr0.2, b0.05	pm0.6, pr0.2, b0.1	pm0.6, pr0.2, b0.5	pm0.6, pr0.
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pm0.6, pr0.25, b0.005	pm0.6, pr0.25, b0.01	pm0.6, pr0.25, b0.05	pm0.6, pr0.25, b0.1	pm0.6, pr0.25, b0.5	pm0.6, pr0.25, b1	pm0.6, pr0.3, b0.005	pm0.6, pr0.3, b0.01	pm0.6, pr0.3, b0.05	pm0.6, pr0.3, b0.1	pm0.6, pr0.3, b0.5	pm0.6, pr0.3, b1	pm0.6, pr0.35, b0.005	pm0.6, pr0.3
pm0.6, pr0.35, b0.05	pm0.6, pr0.35, b0.1	pm0.6, pr0.35, b0.5	pm0.6, pr0.35, b1	pm0.6, pr0.4, b0.005	pm0.6, pr0.4, b0.01	pm0.6, pr0.4, b0.05	pm0.6, pr0.4, b0.1	pm0.6, pr0.4, b0.5	pm0.6, pr0.4, b1	pm0.6, pr0.45, b0.005	pm0.6, pr0.45, b0.01	pm0.6, pr0.45, b0.05	pm0.6, pr0.4
	******	******	******					******	••••••				
	pm0.6, pr0.45, b1	pm0.6, pr0.5, b0.005	pm0.6, pr0.5, b0.01	pm0.6, pr0.5, b0.05	pm0.6, pr0.5, b0.1	pm0.6, pr0.5, b0.5	pm0.6, pr0.5, b1	pm0.65, pr0.05, b0.005	pm0.65, pr0.05, b0.01	pm0.65, pr0.05, b0.05	pm0.65, pr0.05, b0.1	pm0.65, pr0.05, b0.5	pm0.65, pr0.
******		•••••••	••••••	••••••	*******	*******	*******	1	ſ	1	1		•
pm0.65, pr0.1, b0.005	pm0.65, pr0.1, b0.01	pm0.65, pr0.1, b0.05	pm0.65, pr0.1, b0.1	pm0.65, pr0.1, b0.5	pm0.65, pr0.1, b1	pm0.65, pr0.15, b0.005	pm0.65, pr0.15, b0.01	pm0.65, pr0.15, b0.05	pm0.65, pr0.15, b0.1	pm0.65, pr0.15, b0.5	pm0.65, pr0.15, b1	pm0.65, pr0.2, b0.005	pm0.65, pr0.:
pm0.65, pr0.2, b0.05	pm0.65, pr0.2, b0.1	pm0.65, pr0.2, b0.5	pm0.65, pr0.2, b1		pm0.65, pr0.25, b0.01		pm0.65, pr0.25, b0.1	pm0.65, pr0.25, b0.5	pm0.65, pr0.25, b1	pm0.65, pr0.3, b0.005		pm0.65, pr0.3, b0.05	pm0.65, pr0.
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pm0.65, pr0.3, b0.5	pm0.65, pr0.3, b1	pmu.65, pru.35, bu.uu5	pm0.65, pr0.35, b0.01	pm0.65, pr0.35, b0.05	pm0.65, pr0.35, b0.1	pm0.65, pr0.35, b0.5	pm0.65, pr0.35, b1	pm0.65, pr0.4, b0.005	pm0.65, pr0.4, b0.01	pmu.65, pru.4, bu.u5	pm0.65, pr0.4, b0.1	pm0.65, pr0.4, b0.5	pm0.65, pr
	pm0.65, pr0.45, b0.01	pm0.65, pr0.45, b0.05	pm0.65, pr0.45, b0.1	pm0.65, pr0.45, b0.5	pm0.65, pr0.45, b1	pm0.65, pr0.5, b0.005	pm0.65, pr0.5, b0.01	pm0.65, pr0.5, b0.05	pm0.65, pr0.5, b0.1	pm0.65, pr0.5, b0.5	pm0.65, pr0.5, b1	pm0.7, pr0.05, b0.005	pm0.7, pr0.0
•••••••	•••••••			*******	*******	••••••	••••••			********	•••••	•	•
pm0.7, pr0.05, b0.05	pm0.7, pr0.05, b0.1	pm0.7, pr0.05, b0.5	pm0.7, pr0.05, b1	pm0.7, pr0.1, b0.005	pm0.7, pr0.1, b0.01	pm0.7, pr0.1, b0.05	pm0.7, pr0.1, b0.1	pm0.7, pr0.1, b0.5	pm0.7, pr0.1, b1	pm0.7, pr0.15, b0.005	pm0.7, pr0.15, b0.01	pm0.7, pr0.15, b0.05	pm0.7, pr0.1
pm0.7, pr0.15, b0.5	pm0.7, pr0.15, b1	pm0.7, pr0.2, b0.005	pm0.7, pr0.2, b0.01	pm0.7, pr0.2, b0.05	pm0.7, pr0.2, b0.1	pm0.7, pr0.2, b0.5	pm0.7, pr0.2, b1	pm0.7, pr0.25, b0.005	pm0.7, pr0.25, b0.01	pm0.7, pr0.25, b0.05	pm0.7, pr0.25, b0.1	pm0.7, pr0.25, b0.5	pm0.7, pr0.
pm0.7, pr0.3, b0.005	pm0.7, pr0.3, b0.01	pm0.7, pr0.3, b0.05	pm0.7, pr0.3, b0.1	pm0.7, pr0.3, b0.5	pm0.7, pr0.3, b1	pm0.7, pr0.35, b0.005	pm0.7, pr0.35, b0.01	pm0.7, pr0.35, b0.05	pm0.7, pr0.35, b0.1	pm0.7, pr0.35, b0.5	pm0.7, pr0.35, b1	pm0.7, pr0.4, b0.005	pm0.7, pr0.4
*****	•••••	*****	*****			••••••	•••••	******	*******			••••••	•••••
pm0.7, pr0.4, b0.05	pm0.7, pr0.4, b0.1	pm0.7, pr0.4, b0.5	pm0.7, pr0.4, b1	pm0.7, pr0.45, b0.005	pm0.7, pr0.45, b0.01	pm0.7, pr0.45, b0.05	pm0.7, pr0.45, b0.1	pm0.7, pr0.45, b0.5	pm0.7, pr0.45, b1	pm0.7, pr0.5, b0.005	pm0.7, pr0.5, b0.01	pm0.7, pr0.5, b0.05	pm0.7, pr0.1
	pm0.7, pr0.5, b1	pm0.75, pr0.05, b0.005	pm0.75, pr0.05, b0.01	pm0.75, pr0.05, b0.05	pm0.75, pr0.05, b0.1	pm0.75, pr0.05, b0.5	pm0.75, pr0.05, b1	pm0.75, pr0.1, b0.005	pm0.75, pr0.1, b0.01	pm0.75, pr0.1, b0.05	pm0.75, pr0.1, b0.1	pm0.75, pr0.1, b0.5	pm0.75, pr0
	pm0.75, pr0.15, b0.01	pm0.75, pr0.15, b0.05	pm0.75, pr0.15, b0.1	pm0.75, pr0.15, b0.5	pm0.75, pr0.15, b1	pm0.75, pr0.2, b0.005	pm0.75, pr0.2, b0.01	pm0.75, pr0.2, b0.05	pm0.75, pr0.2, b0.1	pm0.75, pr0.2, b0.5	pm0.75, pr0.2, b1	pm0.75, pr0.25, b0.005	pm0.75 pr0.2
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pm0.75, pr0.25, b0.05	pm0.75, pr0.25, b0.1	pm0.75, pr0.25, b0.5	pm0.75, pr0.25, b1	pm0.75, pr0.3, b0.005	pm0.75, pr0.3, b0.01	pm0.75, pr0.3, b0.05	pm0.75, pr0.3, b0.1	pm0.75, pr0.3, b0.5	pm0.75, pr0.3, b1	pm0.75, pr0.35, b0.005	pm0.75, pr0.35, b0.01	pm0.75, pr0.35, b0.05	pm0.75, pr0.3
****	****	*****	*****	•••••	•••••	•••••	*****	*****	*****	•••••	•••••	••••••	•••••
pm0.75, pr0.35, b0.5	pm0.75, pr0.35, b1	pm0.75, pr0.4, b0.005	pm0.75, pr0.4, b0.01	pm0.75, pr0.4, b0.05	pm0.75, pr0.4, b0.1	pm0.75, pr0.4, b0.5	pm0.75, pr0.4, b1	pm0.75, pr0.45, b0.005	pm0.75, pr0.45, b0.01	pm0.75, pr0.45, b0.05	pm0.75, pr0.45, b0.1	pm0.75, pr0.45, b0.5	pm0.75, pr0
pm0.75, pr0.5, b0.005	pm0.75, pr0.5, b0.01	pm0.75, pr0.5, b0.05	pm0.75, pr0.5, b0.1	pm0.75, pr0.5, b0.5	pm0.75, pr0.5, b1	pm0.8, pr0.05, b0.005	pm0.8, pr0.05, b0.01	pm0.8, pr0.05, b0.05	pm0.8, pr0.05, b0.1	pm0.8, pr0.05, b0.5	pm0.8, pr0.05, b1	pm0.8, pr0.1, b0.005	pm0.8, pr0.1
				*******	•••••••	•	•	•	•	•	•	••	••
pm0.8, pr0.1, b0.05	pm0.8, pr0.1, b0.1	pm0.8, pr0.1, b0.5	pm0.8, pr0.1, b1	pm0.8, pr0.15, b0.005	pm0.8, pr0.15, b0.01	pm0.8, pr0.15, b0.05	pm0.8, pr0.15, b0.1	pm0.8, pr0.15, b0.5	pm0.8, pr0.15, b1	pm0.8, pr0.2, b0.005	pm0.8, pr0.2, b0.01	pm0.8, pr0.2, b0.05	pm0.8, pr0.3
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pm0.8, pr0.2, b0.5	pm0.8, pr0.2, b1	pm0.8, pr0.25, b0.005	pm0.8, pr0.25, b0.01	pm0.8, pr0.25, b0.05	pm0.8, pr0.25, b0.1	pm0.8, pr0.25, b0.5	pm0.8, pr0.25, b1	pm0.8, pr0.3, b0.005	pm0.8, pr0.3, b0.01	pm0.8, pr0.3, b0.05	pm0.8, pr0.3, b0.1	pm0.8, pr0.3, b0.5	pm0.8, pr0
pm0.8, pr0.35, b0.005	pm0.8, pr0.35, b0.01	pm0.8, pr0.35, b0.05	pm0.8, pr0.35, b0.1	pm0.8, pr0.35, b0.5	pm0.8, pr0.35, b1	pm0.8, pr0.4, b0.005	pm0.8, pr0.4, b0.01	pm0.8, pr0.4, b0.05	pm0.8, pr0.4, b0.1	pm0.8, pr0.4, b0.5	pm0.8, pr0.4, b1	pm0.8, pr0.45, b0.005	pm0.8. pr0.4
	•••••			•••••	*****					*******	*******		
pm0.8, pr0.45, b0.05	pm0.8, pr0.45, b0.1	pm0.8, pr0.45, b0.5	pm0.8, pr0.45, b1	pm0.8, pr0.5, b0.005	pm0.8, pr0.5, b0.01	pm0.8, pr0.5, b0.05	pm0.8, pr0.5, b0.1	pm0.8, pr0.5, b0.5	pm0.8, pr0.5, b1	pm0.85, pr0.05, b0.005	pm0.85, pr0.05, b0.01	pm0.85, pr0.05, b0.05	pm0.85, pr0.0
•••••	••••••	*******		•••••	••••••	•••••	*******	******					<u></u>
pm0.85, pr0.05, b0.5	pm0.85, pr0.05, b1	pm0.85, pr0.1, b0.005	pm0.85, pr0.1, b0.01	pm0.85, pr0.1, b0.05	pm0.85, pr0.1, b0.1	pm0.85, pr0.1, b0.5	pm0.85, pr0.1, b1	pm0.85, pr0.15, b0.005	pm0.85, pr0.15, b0.01	pm0.85, pr0.15, b0.05	pm0.85, pr0.15, b0.1	pm0.85, pr0.15, b0.5	pm0.85, pr0
		pm0.85, pr0.2, b0.05	pm0.85, pr0.2, b0.1	pm0.85, pr0.2, b0.5	pm0.85, pr0.2, b1	pm0.85, pr0.25, b0.005	pm0.85, pr0.25, b0.01	pm0.85, pr0.25, b0.05	pm0.85, pr0.25, b0.1	pm0.85, pr0.25, b0.5	pm0.85, pr0.25, b1	pm0.85, pr0.3, b0.005	pm0.85, pr0.
pm0.85, pr0.2, b0.005	pmu.85, pru.2, bu.01					*****	•••••	*****	•••••				pm0.85. pr0
****	••••		nm0.85 m0.3 kt	0m0.95 pr0.35 k0.005	nm0.85 nm 35 kc of	0000 85 000 35 kg or	nm0.85 nm0.95 kc 1	000.85 pr0.35 kg r				pm0.85, pr0.4, b0.05	pino.85, pr0
	pm0.85, pr0.3, b0.1	pm0.85, pr0.3, b0.5	pm0.85, pr0.3, b1	pm0.85, pr0.35, b0.005	pm0.85, pr0.35, b0.01	pm0.85, pr0.35, b0.05	pm0.85, pr0.35, b0.1	pm0.85, pr0.35, b0.5	pm0.85, pr0.35, b1	pm0.85, pr0.4, b0.005	pm0.85, pr0.4, b0.01		
pm0.85, pr0.3, b0.05 pm0.85, pr0.4, b0.5	••••	pm0.85, pr0.3, b0.5	*****	••••••	•••••	pm0.85, pr0.35, b0.05 pm0.85, pr0.45, b0.5	pm0.85, pr0.35, b0.1	******	******	••••••	•••••	pm0.85, pr0.5, b0.5	pm0.85, pr
pm0.85, pr0.3, b0.05	pm0.85, pr0.3, b0.1	pm0.85, pr0.3, b0.5	pm0.85, pr0.45, b0.01	pm0.85, pr0.45, b0.05	pm0.85, pr0.45, b0.1	••••••	pm0.85, pr0.45, b1	pm0.85, pr0.5, b0.005	pm0.85, pr0.5, b0.01	pm0.85, pr0.5, b0.05	pm0.85, pr0.5, b0.1	pm0.85, pr0.5, b0.5	••••
pm0.85, pr0.3, b0.05 pm0.85, pr0.4, b0.5	pm0.85, pr0.3, b0.1	pm0.85, pr0.45, b0.005	pm0.85, pr0.45, b0.01	••••••	pm0.85, pr0.45, b0.1	••••••	pm0.85, pr0.45, b1	******	******	pm0.85, pr0.5, b0.05	pm0.85, pr0.5, b0.1	pm0.85, pr0.5, b0.5	••••
pm0.85, pr0.3, b0.05 pm0.85, pr0.4, b0.5 pm0.9, pr0.05, b0.005 pm0.9, pr0.15, b0.05	pm0.85, pr0.3, b0.1 pm0.85, pr0.4, b1 pm0.9, pr0.05, b0.01 pm0.9, pr0.15, b0.1	pm0.85, pr0.45, b0.005	pm0.85, pr0.45, b0.01 pm0.9, pr0.06, b0.1 pm0.9, pr0.15, b1	pm0.85, pr0.45, b0.05 pm0.9, pr0.05, b0.5 pm0.9, pr0.2, b0.005	pm0.85, pr0.45, b0.1 pm0.9, pr0.05, b1 pm0.9, pr0.2, b0.01	pm0.85, pr0.45, b0.5 pm0.9, pr0.1, b0.005 pm0.9, pr0.2, b0.05	pm0.85, pr0.45, b1 pm0.9, pr0.1, b0.01 pm0.9, pr0.2, b0.1	pm0.85, pr0.5, b0.005 pm0.9, pr0.1, b0.05 pm0.9, pr0.2, b0.5	pm0.85, pr0.5, b0.01 pm0.9, pr0.1, b0.1 pm0.9, pr0.2, b1	pm0.85, pr0.5, b0.05 pm0.9, pr0.1, b0.5 pm0.9, pr0.25, b0.005	pm0.85, pr0.5, b0.1 pm0.9, pr0.1, b1 pm0.9, pr0.25, b0.01	pm0.9, pr0.25, b0.05	pm0.9, pr0.2
pm0.85, pr0.3, b0.05 pm0.85, pr0.4, b0.5 pm0.9, pr0.05, b0.005 pm0.9, pr0.15, b0.05	pm0.85, pr0.3, b0.1 pm0.85, pr0.4, b1 pm0.9, pr0.05, b0.01 pm0.9, pr0.15, b0.1	pm0.85, pr0.45, b0.005 pm0.9, pr0.05, b0.05 pm0.9, pr0.15, b0.5	pm0.85, pr0.45, b0.01 pm0.9, pr0.05, b0.1 pm0.9, pr0.15, b1	pm0.85, pr0.45, b0.05 pm0.9, pr0.05, b0.5 pm0.9, pr0.2, b0.005	pm0.85, pr0.45, b0.1 pm0.9, pr0.05, b1 pm0.9, pr0.2, b0.01	pm0.85, pr0.45, b0.5 pm0.9, pr0.1, b0.005 pm0.9, pr0.2, b0.05	pm0.85, pr0.45, b1 pm0.9, pr0.1, b0.01 pm0.9, pr0.2, b0.1	pm0.85, pr0.5, b0.005 pm0.9, pr0.1, b0.05 pm0.9, pr0.2, b0.5	pm0.85, pr0.5, b0.01 pm0.9, pr0.1, b0.1 pm0.9, pr0.2, b1	pm0.85, pr0.5, b0.05 pm0.9, pr0.1, b0.5 pm0.9, pr0.25, b0.005	pm0.85, pr0.5, b0.1 pm0.9, pr0.1, b1 pm0.9, pr0.25, b0.01	pm0.9, pr0.25, b0.05	pm0.9, pr0.1
pm0.85, pr0.3, b0.05 pm0.85, pr0.4, b0.5 pm0.9, pr0.05, b0.005 pm0.9, pr0.15, b0.05 pm0.9, pr0.25, b0.5	pm0.85, pr0.3, b0.1 pm0.85, pr0.4, b1 pm0.9, pr0.05, b0.01 pm0.9, pr0.05, b0.1	pm0.85, pr0.45, b0.005 pm0.9, pr0.05, b0.05 pm0.9, pr0.15, b0.5 pm0.9, pr0.15, b0.5	pm0.85, pr0.45, b0.01 pm0.9, pr0.05, b0.1 pm0.9, pr0.15, b1	pm0.85, pr0.45, b0.05 pm0.9, pr0.05, b0.5 pm0.9, pr0.2, b0.005 pm0.9, pr0.3, b0.05	pm0.85, pr0.45, b0.1 pm0.9, pr0.05, b1 pm0.9, pr0.2, b0.01 pm0.9, pr0.3, b0.1	pm0.85, pr0.45, b0.5	pm0.85, pr0.45, b1 pm0.9, pr0.1, b0.01 pm0.9, pr0.2, b0.1 pm0.9, pr0.2, b1	pm0.85, pr0.5, b0.005 pm0.9, pr0.1, b0.05 pm0.9, pr0.2, b0.5 pm0.9, pr0.35, b0.005	pm0.85, pr0.5, b0.01 pm0.9, pr0.1, b0.1 pm0.9, pr0.2, b1 pm0.9, pr0.25, b0.01	pm0.85, pr0.5, b0.05 pm0.9, pr0.1, b0.5 pm0.9, pr0.25, b0.005 pm0.9, pr0.25, b0.005	pm0.85, pr0.5, b0.1	pm0.9, pr0.25, b0.05	pm0.9, pr0.1
pm0.85, pr0.3, b0.05 pm0.85, pr0.4, b0.5 pm0.9, pr0.05, b0.005 pm0.9, pr0.25, b0.005 pm0.9, pr0.25, b0.5	pm0.85, pr0.3, b0.1 pm0.85, pr0.4, b1 pm0.9, pr0.05, b0.01 pm0.9, pr0.05, b0.01 pm0.9, pr0.25, b1	pm0.85, pr0.45, b0.005 pm0.9, pr0.05, b0.05 pm0.9, pr0.15, b0.5 pm0.9, pr0.15, b0.005	pm0.85, pr0.45, b0.01 pm0.9, pr0.05, b0.1 pm0.9, pr0.35, b1	pm0.85, pr0.45, b0.05 pm0.9, pr0.05, b0.5 pm0.9, pr0.2, b0.005 pm0.9, pr0.3, b0.05	pm0.85, pr0.45, b0.1 pm0.9, pr0.05, b1 pm0.9, pr0.2, b0.01 pm0.9, pr0.3, b0.1	pm0.85, pr0.45, b0.5 pm0.9, pr0.1, b0.005 pm0.9, pr0.2, b0.05 pm0.9, pr0.3, b0.5	pm0.85, pr0.45, b1 pm0.9, pr0.1, b0.01 pm0.9, pr0.2, b0.1 pm0.9, pr0.2, b1	pm0.85, pr0.5, b0.005 pm0.9, pr0.1, b0.05 pm0.9, pr0.2, b0.5 pm0.9, pr0.2, b0.05	pm0.85, pr0.5, b0.01 pm0.9, pr0.1, b0.1 pm0.9, pr0.2, b1 pm0.9, pr0.2, b1	pm0.85, pr0.5, b0.05 pm0.9, pr0.1, b0.5 pm0.9, pr0.25, b0.005 pm0.9, pr0.35, b0.05	pm0.85, pr0.5, b0.1 pm0.9, pr0.1, b1 pm0.9, pr0.25, b0.01 pm0.9, pr0.35, b0.1	pm0.9, pr0.25, b0.05	pm0.9, pr0.1 pm0.9, pr0.2 pm0.9, pr0.
pm0.85, pr0.3, b0.05 pm0.85, pr0.4, b0.5 pm0.9, pr0.05, b0.005 pm0.9, pr0.25, b0.005 pm0.9, pr0.25, b0.5	pm0.85, pr0.3, b0.1 pm0.85, pr0.4, b1 pm0.9, pr0.05, b0.01 pm0.9, pr0.05, b0.01 pm0.9, pr0.25, b1	pm0.85, pr0.45, b0.005 pm0.9, pr0.05, b0.05 pm0.9, pr0.15, b0.5 pm0.9, pr0.15, b0.005	pm0.85, pr0.45, b0.01 pm0.9, pr0.05, b0.1 pm0.9, pr0.35, b1	pm0.85, pr0.45, b0.05 pm0.9, pr0.05, b0.5 pm0.9, pr0.2, b0.005 pm0.9, pr0.3, b0.05	pm0.85, pr0.45, b0.1 pm0.9, pr0.05, b1 pm0.9, pr0.2, b0.01 pm0.9, pr0.3, b0.1	pm0.85, pr0.45, b0.5 pm0.9, pr0.1, b0.005 pm0.9, pr0.2, b0.05 pm0.9, pr0.3, b0.5	pm0.85, pr0.45, b1 pm0.9, pr0.1, b0.01 pm0.9, pr0.2, b0.1 pm0.9, pr0.2, b1	pm0.85, pr0.5, b0.005 pm0.9, pr0.1, b0.05 pm0.9, pr0.2, b0.5 pm0.9, pr0.2, b0.05	pm0.85, pr0.5, b0.01 pm0.9, pr0.1, b0.1 pm0.9, pr0.2, b1 pm0.9, pr0.2, b1	pm0.85, pr0.5, b0.05 pm0.9, pr0.1, b0.5 pm0.9, pr0.25, b0.005 pm0.9, pr0.35, b0.05	pm0.85, pr0.5, b0.1 pm0.9, pr0.1, b1 pm0.9, pr0.25, b0.01 pm0.9, pr0.35, b0.1	pm0.9, pr0.25, b0.05	pm0.9, pr0.1 pm0.9, pr0.2 pm0.9, pr0.
pm0.85, pr0.3, b0.05 pm0.85, pr0.4, b0.5 pm0.95, pr0.4, b0.5 pm0.9, pr0.15, b0.005 pm0.9, pr0.25, b0.5 pm0.9, pr0.4, b0.005	pm0.85, pr0.3, b0.1 pm0.85, pr0.4, b1 pm0.9, pr0.05, b0.01 pm0.9, pr0.05, b0.01 pm0.9, pr0.25, b1 pm0.9, pr0.4, b0.01	pm0.85, pr0.45, b0.005 pm0.9, pr0.05, b0.05 pm0.9, pr0.15, b0.5 pm0.9, pr0.1, b0.05 pm0.9, pr0.4, b0.05	pm0.85, pr0.45, b0.01 pm0.9, pr0.05, b0.1 pm0.9, pr0.35, b1	pm0.85, pr0.45, b0.05 pm0.9, pr0.05, b0.5 pm0.9, pr0.2, b0.005 pm0.9, pr0.3, b0.05	pm0.85, pr0.45, b0.1 pm0.9, pr0.05, b1 pm0.9, pr0.2, b0.01 pm0.9, pr0.3, b0.1	pm0.85, pr0.45, b0.5 pm0.9, pr0.1, b0.005 pm0.9, pr0.2, b0.05 pm0.9, pr0.3, b0.5	pm0.85, pr0.45, b1 pm0.9, pr0.1, b0.01 pm0.9, pr0.2, b0.1 pm0.9, pr0.2, b1	pm0.85, pr0.5, b0.005 pm0.9, pr0.1, b0.05 pm0.9, pr0.2, b0.5 pm0.9, pr0.2, b0.06	pm0.85, pr0.5, b0.01 pm0.9, pr0.1, b0.1 pm0.9, pr0.2, b1 pm0.9, pr0.2, b1	pm0.85, pr0.5, b0.05 pm0.9, pr0.1, b0.5 pm0.9, pr0.25, b0.005 pm0.9, pr0.35, b0.05	pm0.85, pr0.5, b0.1 pm0.9, pr0.1, b1 pm0.9, pr0.25, b0.01 pm0.9, pr0.35, b0.1	pm0.9, pr0.25, b0.05 pm0.9, pr0.35, b0.5	pm0.9, pr0.1 pm0.9, pr0.2 pm0.9, pr0.

**Supplementary Figure 44.** Effect of  $p_g$  parameter on the overall AUPR. Changing the  $p_g$  parameter while keeping the other parameters fixed, the average performance across 3 cell types based on AUPR on simulated dataset 1.

		h0000011000010000	pg0.05, pr0.05, b0.1	pg0.05, pr0.05, b0.5		pg0.05, pr0.1, b0.005							
50	******					******	****	*******	•••••	******	••••	******	•••••
rs - pg0.05, pr0.15, b0.05	pa0.05 pr0.15 b0.1	ng0.05 ng0.15 h0.5	pa0.05 m0.15 b1	pe0.05 pr0.2 b0.005	pa0.05 pr0.2 b0.01	pa0.05 pr0.2 b0.05	ng0.05 ng0.2 h0.1	pa0.05 pr0.2 b0.5	pg0.05 pg0.2 b1	pa0.05 pr0.25 b0.005	pg0.05 pg0.25 b0.01	pe0.05 pr0.25 b0.05	na0.05 nr0.25
25 20			pg0.00, pr0.10, 01	••••••••	pg0.00, pr0.2, 00.01	pg0.00, pr0.2, 00.00				••••••••			pg0.00, pr0.20
6-													
pg0.05, pr0.25, b0.5													pg0.05, pr0.3
55 - 50 - 15 -	•••••	******	******	******	******	******	•••••	••••••	******	******	******		•••••
pg0.05, pr0.4, b0.005	pg0.05, pr0.4, b0.01	pg0.05, pr0.4, b0.05	pg0.05, pr0.4, b0.1	pg0.05, pr0.4, b0.5	pg0.05, pr0.4, b1	pg0.05, pr0.45, b0.005	pg0.05, pr0.45, b0.01	pg0.05, pr0.45, b0.05	pg0.05, pr0.45, b0.1	pg0.05, pr0.45, b0.5	pg0.05, pr0.45, b1	pg0.05, pr0.5, b0.005	pg0.05, pr0.5,
20 - 25 - 20 - <b></b>				••••••	******					••••••	******		
pg0.05, pr0.5, b0.05	pg0.05, pr0.5, b0.1					pg0.1, pr0.1, b0.05							pg0.1, pr0.15
55 - 50 - 55 -						*******				******			
pg0.1, pr0.15, b0.5	pg0.1, pr0.15, b1	pg0.1, pr0.2, b0.005	pg0.1, pr0.2, b0.01	pg0.1, pr0.2, b0.05	pg0.1, pr0.2, b0.1	pg0.1, pr0.2, b0.5	pg0.1, pr0.2, b1	pg0.1, pr0.25, b0.005	pg0.1, pr0.25, b0.01	pg0.1, pr0.25, b0.05		****	pg0.1, pr0.2
50 = 50 = 45 =		~~~						*****		******	*******		
pg0.1, pr0.3, b0.005	pg0.1, pr0.3, b0.01	pg0.1, pr0.3, b0.05	pg0.1, pr0.3, b0.1			pg0.1, pr0.35, b0.005					pg0.1, pr0.35, b1	pg0.1, pr0.4, b0.005	pg0.1, pr0.4,
	<b>~~~</b>	******	******		****	•••••			******		******	******	
pg0.1, pr0.4, b0.05	pg0.1, pr0.4, b0.1	pg0.1, pr0.4, b0.5	pg0.1, pr0.4, b1			pg0.1, pr0.45, b0.05					pg0.1, pr0.5, b0.01	pg0.1, pr0.5, b0.05	pg0.1, pr0.5
20 -			•••••						•••••				
				••••		pg0.15, pr0.15, b0.5			pg0.15, pr0.2, b0.04	pg0.15, pr0.2, 50,05	pg0.15, pm 2, 50, 1	pg0.15, pr0.2, b0.5	pg0.15 pm0
20 - 20 -	•••••	pgo.10, pro.10, 00.000	pg0.10, p10.10, 00.01			••••••••	pg0.10, pr0.10, 01	>	pgu. 10, pro.2, 00.01	pge.15, pro.2, bo.65	pg0.10, p10.2, 00.1		Pgu. 10, pro
6-													
pg0.15, pr0.25, b0.005													
55	******	******	******		•••••	•••••	•••••	******	******			******	••••
pg0.15, pr0.35, b0.05	pg0.15, pr0.35, b0.1	pg0.15, pr0.35, b0.5	pg0.15, pr0.35, b1	pg0.15, pr0.4, b0.005	pg0.15, pr0.4, b0.01	pg0.15, pr0.4, b0.05	pg0.15, pr0.4, b0.1	pg0.15, pr0.4, b0.5	pg0.15, pr0.4, b1	pg0.15, pr0.45, b0.005	pg0.15, pr0.45, b0.01	pg0.15, pr0.45, b0.05	pg0.15, pr0.4
90 - 55 - 90 - <b>9 - 9 - 9 - 9</b>		******	******			******		••••••	******				
pg0.15, pr0.45, b0.5	pg0.15, pr0.45, b1					pg0.15, pr0.5, b0.5		pg0.2, pr0.2, b0.005	pg0.2, pr0.2, b0.01				
55													
50 - 15 -				******									
pg0.2, pr0.25, b0.005													
20 - 20 - 25 -	******	And the second				•••••	******	******	*******			******	••••
pg0.2, pr0.35, b0.05	pg0.2, pr0.35, b0.1	pg0.2, pr0.35, b0.5	pg0.2, pr0.35, b1	pg0.2, pr0.4, b0.005	pg0.2, pr0.4, b0.01	pg0.2, pr0.4, b0.05	pg0.2, pr0.4, b0.1	pg0.2, pr0.4, b0.5	pg0.2, pr0.4, b1	pg0.2, pr0.45, b0.005	pg0.2, pr0.45, b0.01	pg0.2, pr0.45, b0.05	pg0.2, pr0.45
25 • • • • • • • • • • • • • • • • • • •		•••••		******				*******		•••••	******		
pg0.2, pr0.45, b0.5	pg0.2, pr0.45, b1	pg0.2, pr0.5, b0.005	pg0.2, pr0.5, b0.01	pg0.2, pr0.5, b0.05	pg0.2, pr0.5, b0.1	pg0.2, pr0.5, b0.5	pg0.2, pr0.5, b1						
20 - 20 - 25	******		· ·····				•••••			******	· · · · · · · · · · · · · · · · · · ·	******	*****
ne0 25 pr0 3 b0 005						pg0.25, pr0.35, b0.005						pg0 25 pr0.4 b0.005	pg0.25.pr0.4
55 - 50 -											•••••	F	P.0
	******							******				••••	••••
pg0.25, pr0.4, b0.05	pg0.25, pr0.4, b0.1					pg0.25, pr0.45, b0.05							
	*******			******	******	******	******	******		******	******	******	
pg0.25, pr0.5, b0.5	pg0.25, pr0.5, b1	pg0.3, pr0.3, b0.005	pg0.3, pr0.3, b0.01	pg0.3, pr0.3, b0.05	pg0.3, pr0.3, b0.1	pg0.3, pr0.3, b0.5	pg0.3, pr0.3, b1	pg0.3, pr0.35, b0.005	pg0.3, pr0.35, b0.01	pg0.3, pr0.35, b0.05	pg0.3, pr0.35, b0.1	pg0.3, pr0.35, b0.5	pg0.3, pr0.3
		~~~~~	- mark			•••••	•••••					******	••••
pg0.3, pr0.4, b0.005	pg0.3, pr0.4, b0.01					pg0.3, pr0.45, b0.005	pg0.3, pr0.45, b0.01				pg0.3, pr0.45, b1	pg0.3, pr0.5, b0.005	pg0.3, pr0.5,
25 - 20 -													
										pp0.35 pr0.4 k0.00#			
939-04, 940.0, 00.00 25 - 25 - 25 -	-gow, pro.0, po.1	pgo.o, pro.o, po.o	•••••			pg0.35, pr0.35, b0.05							
8: ****** ****	******					******						******	
pg0.35, pr0.4, b0.5	pg0.35, pr0.4, b1	pg0.35, pr0.45, b0.005	pg0.35, pr0.45, b0.01	pg0.35, pr0.45, b0.05	pg0.35, pr0.45, b0.1	pg0.35, pr0.45, b0.5	pg0.35, pr0.45, b1	pg0.35, pr0.5, b0.005	pg0.35, pr0.5, b0.01	pg0.35, pr0.5, b0.05	pg0.35, pr0.5, b0.1	pg0.35, pr0.5, b0.5	pg0.35, pr0
55		******	******			•••••		******	******			******	****
pg0.4, pr0.4, b0.005												pg0.4, pr0.5, b0.005	pg0.4, pr0.5,
20 = 25 = 20 =				•••••	*******						******		
pg0.4, pr0.5, b0.05	pg0.4, pr0.5, b0.1	pg0.4, pr0.5, b0.5	pg0.4, pr0.5, b1	pg0.45, pr0.45, b0.005	pg0.45, pr0.45, b0.01	pg0.45, pr0.45, b0.05							
55 - 50 - 55 -													
ő. 	*****	0.6 0.7 0.8 0.9	0.6 0.7 0.8 0.9	0.5 0.7 0.5 0.9	0.5 0.7 0.8 0.9	as ar as as	0.5 0.7 0.8 0.9	05 07 08 09	0.5 0.7 0.8 0.9	05 0.7 0.5 0.9	0.5 0.7 0.8 0.9		0.5 0.7

Supplementary Figure 45. Effect of p_m parameter on the overall AUPR. Changing the p_m parameter while keeping the other parameters fixed, the average performance across 3 cell types based on AUPR on simulated dataset 1.

	on simulated data to	p 200											
pg0.05, pm0.55, pr0.05	pg0.05, pm0.55, pr0.1	pg0.05, pm0.55, pr0.15	pg0.05, pm0.55, pr0.2		pg0.05, pm0.55, pr0.3	pg0.05, pm0.55, pr0.35	pg0.05, pm0.55, pr0.4	pg0.05, pm0.55, pr0.45	pg0.05, pm0.55, pr0.5	pg0.05, pm0.6, pr0.05	pg0.05, pm0.6, pr0.1	pg0.05, pm0.6, pr0.15	pg0.05, pm0.6, pr0.2
	***	• • • •	<i>,</i>			••••••					• • •	• • •	ş
pg0.05, pm0.6, pr0.25	pg0.05, pm0.6, pr0.3	pg0.05, pm0.6, pr0.35	pg0.05, pm0.6, pr0.4	pg0.05, pm0.6, pr0.45							pg0.05, pm0.65, pr0.3	pg0.05, pm0.65, pr0.35	pg0.05, pm0.65, pr0.4
022 *****	•••••	***		~ ~	• _	· · · ·	w	~ · · ·	*	*	s	\$	~ ~~
0.24 - pe0.05 pm0.65 pr0.45	pr0.05 pm0.65 pr0.5	pa0.05 pm0.7 pr0.05	pg0.05, pm0.7, pr0.1	ng0.05 nm0.7 nr0.15	pa0.05.pm0.7.pr0.2	ng0.05 nm0.7 nr0.25	pa0.05 pm0.7 pr0.3	na0.05 nm0.7 nr0.35	pc0.05. pm0.7. pr0.4	pc0.05 pm0.7 pc0.45	ne0.05 nm0.7 nr0.5	nn0.05 nm0.75 nr0.05	pc0.05 pm0.75 pc0.1
027 022		pge.os, prices					pg0.00, pm0.1, pr0.5				1	9 30.00, priter 0, proces	Pg0.00, pm0.10, pr0.1
												~	
pg0.05, pm0.75, pr0.15	pg0.05, pm0.75, pr0.2	pg0.05, pm0.75, pr0.25	pg0.05, pm0.75, pr0.3	pg0.05, pm0.75, pr0.35	pg0.05, pm0.75, pr0.4	pg0.05, pm0.75, pr0.45	pg0.05, pm0.75, pr0.5	pg0.05, pm0.8, pr0.05	pg0.05, pm0.8, pr0.1	pg0.05, pm0.8, pr0.15	pg0.05, pm0.8, pr0.2	pg0.05, pm0.8, pr0.25	pg0.05, pm0.8, pr0.3
	• • • •	• ••••	~	•	· · · ·	20-0-	* *		* • •	~ ~		• • •	v
pg0.05, pm0.8, pr0.35	pg0.05, pm0.8, pr0.4	pg0.05, pm0.8, pr0.45	pg0.05, pm0.8, pr0.5	pg0.05, pm0.85, pr0.05	pg0.05, pm0.85, pr0.1	pg0.05, pm0.85, pr0.15	pg0.05, pm0.85, pr0.2	pg0.05, pm0.85, pr0.25	pg0.05, pm0.85, pr0.3	pg0.05, pm0.85, pr0.35	pg0.05, pm0.85, pr0.4	pg0.05, pm0.85, pr0.45	pg0.05, pm0.85, pr0.5
*	****	v	w	b	s	~	~ •	v	~ •	v.	so .	v	v ····
024 -	pa0.05 pm0.9 pr0.1	nn0.05 nm0.9 nr0.15	pg0.05, pm0.9, pr0.2	na0.05 nm0.9 nd 25	pm0.05.pm0.0.pm0.3	pa0.05.pm0.9.pr0.35	ng0.05 nm0.9 nr0.4	ng0.05 nm0.9 nm.45	pc0.05.pm0.9.pr0.5	ne0 1 nm0 55 nm 1	na0.1 nm0.55 nr0.15	ng0 1 nm0 55 nr0 2	ng0 1 nm0 55 ng0 25
		*								*****		F8	,
824 -	• • • •												•
			pg0.1, pm0.55, pr0.45										pg0.1, pm0.6, pr0.5
	*	***					•	-	• • •	v		* * *	~
pg0.1, pm0.65, pr0.1	pg0.1, pm0.65, pr0.15	pg0.1, pm0.65, pr0.2	pg0.1, pm0.65, pr0.25	pg0.1, pm0.65, pr0.3	pg0.1, pm0.65, pr0.35				pg0.1, pm0.7, pr0.1			pg0.1, pm0.7, pr0.25	pg0.1, pm0.7, pr0.3
	2	**** •	م ر	· · · ·	\$	•••••	20-0	-		s	• • • •	v	v
pq0.1, pm0.7, pr0.35	pa0.1. pm0.7. pr0.4	pg0.1. pm0.7. pr0.45	pg0.1, pm0.7, pr0.5	pq0.1, pm0.75, pr0.1	pa0.1. pm0.75. pr0.15				pa0.1. pm0.75. pr0.35	pq0.1, pm0.75, pr0.4	pg0.1, pm0.75, pr0.45	pq0.1. pm0.75. pr0.5	pq0.1, pm0.8, pr0.1
			1				v	· · · · ·			1	L	
0.24 =											-		
pg0.1, pm0.8, pr0.15	pg0.1, pm0.8, pr0.2	pg0.1, pm0.8, pr0.25	pg0.1, pm0.8, pr0.3	pg0.1, pm0.8, pr0.35	pg0.1, pm0.8, pr0.4	pg0.1, pm0.8, pr0.45	pg0.1, pm0.8, pr0.5	pg0.1, pm0.85, pr0.1	pg0.1, pm0.85, pr0.15	pg0.1, pm0.85, pr0.2	pg0.1, pm0.85, pr0.25	pg0.1, pm0.85, pr0.3	pg0.1, pm0.85, pr0.35
0.24 =	ه		k	N	v ·····	*	V	• ••••		• •			· · · ·
pg0.1, pm0.85, pr0.4	pg0.1, pm0.85, pr0.45	pg0.1, pm0.85, pr0.5	pg0.1, pm0.9, pr0.1	pg0.1, pm0.9, pr0.15	pg0.1, pm0.9, pr0.2	pg0.1, pm0.9, pr0.25	pg0.1, pm0.9, pr0.3	pg0.1, pm0.9, pr0.35	pg0.1, pm0.9, pr0.4	pg0.1, pm0.9, pr0.45	pg0.1, pm0.9, pr0.5	pg0.15, pm0.55, pr0.15	pg0.15, pm0.55, pr0.2
	`	5 · · ·	80	• • •	* • • •	v	• • •	* • •	* • •	v	v	• • •	· · · ·
pg0.15, pm0.55, pr0.25	pg0.15, pm0.55, pr0.3	pg0.15, pm0.55, pr0.35	pg0.15, pm0.55, pr0.4	pg0.15, pm0.55, pr0.45	pg0.15, pm0.55, pr0.5	pg0.15, pm0.6, pr0.15	pg0.15, pm0.6, pr0.2	pg0.15, pm0.6, pr0.25	pg0.15, pm0.6, pr0.3	pg0.15, pm0.6, pr0.35	pg0.15, pm0.6, pr0.4	pg0.15, pm0.6, pr0.45	pg0.15, pm0.6, pr0.5
827							•						· · · · ·
0.24 =		•										•	
0.220 8.227 8.227			pg0.15, pm0.65, pr0.3				pgo. 15, pmo.65, pro.5	pg0.15, pi10.7, pi0.15	pgo. is, pilo.7, pro.2	pg0.15, pill0.7, pr0.25	pg0.15, pm0.7, pr0.3	pgo.ra, pino.r, pro.as	pgo. rs, pino. 7, pro.4
839 -													
pg0.15, pm0.7, pr0.45	pg0.15, pm0.7, pr0.5		pg0.15, pm0.75, pr0.2					pg0.15, pm0.75, pr0.45	pg0.15, pm0.75, pr0.5	pg0.15, pm0.8, pr0.15	pg0.15, pm0.8, pr0.2	pg0.15, pm0.8, pr0.25	pg0.15, pm0.8, pr0.3
		• • • •	••	v	****	* • •	*	No.	\$	h		* • •	~
pg0.15, pm0.8, pr0.35	pg0.15, pm0.8, pr0.4		pg0.15, pm0.8, pr0.5	pg0.15, pm0.85, pr0.15	pg0.15, pm0.85, pr0.2	pg0.15, pm0.85, pr0.25							pg0.15, pm0.9, pr0.2
	v		b	*	v	ه . .	v	* • •	20-0-	s	· · · ·	••	
po0.15 pm0.9 pm.25	pr0.15 pm0.9 pr0.3		pg0.15, pm0.9, pr0.4	no0.15 nm0.9 nr0.45	pa0.15.pm0.9.pr0.5	na0.2 nm0.55 nm0.2	po0.2 pm0.55 pr0.25	pd0.2 pm0.55 pr0.3	ng0.2 nm0.55 nr0.35	no0 2 nm0 55 nr0 4	nn0 2 nm0 55 nr0 45	ng0.2 nm0.55 nr0.5	nd) 2 nm) 6 nd) 2
			h0aai haai h.a	F0000001 F000001 F000000	PB0	-9	hiterest burgerest burgeres	h Derrei hunnenet hunne		hiteret burget breet.	h0aret h	h Berni hunsteat huse	high mer bronnen bronn
		~	1	1	V							• ·	**
	v ·····	• • •					• • •		-	* • • •	• • • •	~	•••••
pg0.2, pm0.6, pr0.25	pg0.2, pm0.6, pr0.3		pg0.2, pm0.6, pr0.4			pg0.2, pm0.65, pr0.2	pg0.2, pm0.65, pr0.25		-			pg0.2, pm0.65, pr0.5	pg0.2, pm0.7, pr0.2
pg0.2, pm0.6, pr0.25	b	pg0.2, pm0.6, pr0.35	pg0.2, pm0.6, pr0.4	pg0.2, pm0.6, pr0.45	pg0.2, pm0.6, pr0.5	pg0.2, pm0.65, pr0.2	pg0.2, pm0.65, pr0.25	pg0.2, pm0.65, pr0.3	pg0.2, pm0.65, pr0.35	h		•	v • •
pg0.2, pm0.6, pr0.25	b	pg0.2, pm0.6, pr0.35		pg0.2, pm0.6, pr0.45	pg0.2, pm0.6, pr0.5 pg0.2, pm0.7, pr0.5	pg0.2, pm0.65, pr0.2	pg0.2, pm0.65, pr0.25	pg0.2, pm0.65, pr0.3	pg0.2, pm0.65, pr0.35	h		•	v • •
pg0.2, pm0.6, pr0.25	b	pg0.2, pm0.6, pr0.35	pg0.2, pm0.6, pr0.4	pg0.2, pm0.6, pr0.45	pg0.2, pm0.6, pr0.5 pg0.2, pm0.7, pr0.5	pg0.2, pm0.65, pr0.2	pg0.2, pm0.65, pr0.25	pg0.2, pm0.65, pr0.3	pg0.2, pm0.65, pr0.35	pg0.2, pm0.75, pr0.4	pg0.2, pm0.75, pr0.45	•	v • •
pg0.2, pm0.6, pr0.25	pg0.2, pm0.7, pr0.3	pg0.2, pm0.6, pr0.35	pg0.2, pm0.6, pr0.4	pg0.2, pm0.6, pr0.45	pg0.2, pm0.6, pr0.5	pg0.2, pm0.65, pr0.2	pg0.2, pm0.65, pr0.25	pg0.2, pm0.85, pr0.3	pg0.2, pm0.65, pr0.35	pg0.2, pm0.75, pr0.4	pg0.2, pm0.75, pr0.45	pg0.2, pm0.75, pr0.5	pg0.2, pm0.8, pr0.2
pg0.2, pm0.6, pr0.25	pg0.2, pm0.7, pr0.3	pg0.2, pm0.6, pr0.35 pg0.2, pm0.7, pr0.35 pg0.2, pm0.8, pr0.35	pg0.2, pm0.6, pr0.4 pg0.2, pm0.7, pr0.4 pg0.2, pm0.8, pr0.4	pg0.2, pm0.6, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45	pg0.2, pm0.6, pr0.5 pg0.2, pm0.7, pr0.5 pg0.2, pm0.8, pr0.5	pg0.2, pm0.85, pr0.2 pg0.2, pm0.75, pr0.2 pg0.2, pm0.85, pr0.2	pg0.2, pm0.65, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.75, pr0.25	pg0.2, pm0.65, pr0.3 pg0.2, pm0.75, pr0.3 pg0.2, pm0.85, pr0.3	pg0.2, pm0.65, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.85, pr0.35	pg0.2, pm0.75, pr0.4	pg0.2, pm0.75, pr0.45	pg0.2, pm0.75, pr0.5	pg0.2, pm0.8, pr0.2 pg0.2, pm0.9, pr0.2
pg0.2, pm0.8, pr0.25	pg0.2, pm0.7, pr0.3	pg0.2, pm0.6, pr0.35	pg0.2, pm0.6, pr0.4 pg0.2, pm0.7, pr0.4 pg0.2, pm0.8, pr0.4	pg0.2, pm0.6, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45	pg0.2, pm0.6, pr0.5 pg0.2, pm0.7, pr0.5 pg0.2, pm0.8, pr0.5	pg0.2, pm0.65, pr0.2 pg0.2, pm0.75, pr0.2 pg0.2, pm0.85, pr0.2	pg0.2, pm0.65, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25	pg0.2, pm0.65, pr0.3 pg0.2, pm0.75, pr0.3 pg0.2, pm0.85, pr0.3	pg0.2, pm0.65, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.85, pr0.35	pg0.2, pm0.75, pr0.4	pg0.2, pm0.75, pr0.45	pg0.2, pm0.75, pr0.5	pg0.2, pm0.8, pr0.2 pg0.2, pm0.9, pr0.2
pg0.2, pm0.6, pr0.25 pg0.2, pm0.7, pr0.25 pg0.2, pm0.7, pr0.25 pg0.2, pm0.8, pr0.25 pg0.2, pm0.9, pr0.25	pg0.2, pm0.7, pr0.3 pg0.2, pm0.8, pr0.3 pg0.2, pm0.9, pr0.3	pg0.2, pm0.6, pr0.35 pg0.2, pm0.7, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.9, pr0.35	pg0.2, pm0.6, pr0.4 pg0.2, pm0.7, pr0.4 pg0.2, pm0.8, pr0.4 pg0.2, pm0.9, pr0.4	pg0.2, pm0.6, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.9, pr0.45	pg0.2, pm0.6, pr0.5 pg0.2, pm0.7, pr0.5 pg0.2, pm0.8, pr0.5 pg0.2, pm0.9, pr0.5	pg0.2, pm0.85, pr0.2 pg0.2, pm0.75, pr0.2 pg0.2, pm0.85, pr0.2 pg0.25, pm0.55, pr0.25	pg0.2, pm0.85, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.55, pr0.3	pg0.2, pm0.65, pr0.3 pg0.2, pm0.75, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.65, pr0.35	pg0.2, pm0.65, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.85, pr0.35 pg0.25, pm0.55, pr0.4	pg0.2, pm0.75, pr0.4 pg0.2, pm0.85, pr0.4 pg0.25, pm0.55, pr0.45	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.85, pr0.5	pg0.2, pm0.75, pr0.5	pg0.2, pm0.8, pr0.2 pg0.2, pm0.9, pr0.2
pg0.2, pm0.6, pr0.25 pg0.2, pm0.6, pr0.25 pg0.2, pm0.7, pr0.25 pg0.2, pm0.9, pr0.25 pg0.2, pm0.9, pr0.25 pg0.2, pm0.9, pr0.25	pg0.2, pm0.7, pr0.3 pg0.2, pm0.8, pr0.3 pg0.2, pm0.9, pr0.3	pg0.2, pm0.6, pr0.35 pg0.2, pm0.7, pr0.36 pg0.2, pm0.8, pr0.35 pg0.2, pm0.9, pr0.35	pg0.2, pm0.8, pr0.4 pg0.2, pm0.7, pr0.4 pg0.2, pm0.8, pr0.4 pg0.2, pm0.9, pr0.4	pg0.2, pm0.6, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.8, pr0.45	pg0.2, pm0.6, pr0.5 pg0.2, pm0.7, pr0.5 pg0.2, pm0.8, pr0.5 pg0.2, pm0.9, pr0.5	pg0.2, pm0.85, pr0.2 pg0.2, pm0.75, pr0.2 pg0.2, pm0.85, pr0.2 pg0.25, pm0.55, pr0.25	pg0.2, pm0.85, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25 pg0.26, pm0.85, pr0.3	pg0.2, pm0.65, pr0.3 pg0.2, pm0.75, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.65, pr0.35	pg0.2, pm0.65, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.85, pr0.35 pg0.25, pm0.55, pr0.4	pg0.2, pm0.75, pr0.4 pg0.2, pm0.85, pr0.4 pg0.25, pm0.55, pr0.45	pg0.2, pm0.75, pr0.45	pg0.2, pm0.75, pr0.5 pg0.2, pm0.85, pr0.5 pg0.25, pm0.6, pr0.25	pg0.2, pm0.8, pr0.2 pg0.2, pm0.9, pr0.2 pg0.2, pm0.6, pr0.3
Pg0 2, pm0.8, pr0.25 Pg0 2, pm0.4, pr0.25 Pg0 2, pm0.4, pr0.25 Pg0 2, pm0.8, pr0.25 Pg0 2, pm0.9, pr0.35 Pg0 2, pm0.9, pr0.35	pg0.2, pm0.7, pr0.3 pg0.2, pm0.8, pr0.3 pg0.2, pm0.9, pr0.3	pg0.2, pm0.8, pr0.35 pg0.2, pm0.7, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.25, pm0.6, pr0.45	pg0.2, pm0.8, pr0.4 pg0.2, pm0.7, pr0.4 pg0.2, pm0.8, pr0.4 pg0.2, pm0.9, pr0.4 pg0.2, pm0.9, pr0.4	pg0.2, pm0.8, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.8, pr0.45	pg0.2; pm0.8; pr0.5 pg0.2; pm0.7; pr0.5 pg0.2; pm0.9; pr0.5 pg0.2; pm0.9; pr0.5 pg0.2; pm0.9; pr0.5	pg0.2, pm0.85, pr0.2 pg0.2, pm0.75, pr0.2 pg0.2, pm0.85, pr0.2 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35	pg0.2, pm0.65, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.55, pr0.3	pg0.2, pm0.85, pr0.3 pg0.2, pm0.75, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35	pg0.2, pm0.65, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.85, pr0.35 pg0.25, pm0.55, pr0.4 pg0.25, pm0.65, pr0.5	pg0.2, pm0.75, pr0.4 pg0.2, pm0.85, pr0.4 pg0.25, pm0.55, pr0.45 pg0.25, pm0.7, pr0.25	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.55, pr0.5 pg0.25, pm0.7, pr0.3	pg0.2, pm0.75, pr0.5 pg0.2, pm0.85, pr0.5 pg0.25, pm0.6, pr0.25 pg0.25, pm0.7, pr0.35	pg0.2, pm0.8, pr0.2 pg0.2, pm0.9, pr0.2 pg0.2, pm0.6, pr0.3
Pg0 2, pm0.8, pr0.25 pg0 2, pm0.8, pr0.25	pg0.2, pm0.8, pt0.3 pg0.2, pm0.8, pt0.3 pg0.2, pm0.9, pt0.3 pg0.25, pm0.8, pt0.4	pg0.2, pm0.8, pr0.35 pg0.2, pm0.7, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.9, pr0.35 pg0.2, pm0.9, pr0.35	pg02, pm0.8, pr0.4 pg02, pm0.7, pr0.4 pg02, pm0.8, pr0.4 pg02, pm0.8, pr0.4 pg0.2, pm0.8, pr0.4	pg0.2, pm0.8, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.9, pr0.45 pg0.2, pm0.9, pr0.45	pg0.2, pm0.6, pr0.5 pg0.2, pm0.7, pr0.5 pg0.2, pm0.8, pr0.5 pg0.2, pm0.8, pr0.5 pg0.2, pm0.8, pr0.5	pg0.2, pm0.85, pr0.2 pg0.2, pm0.75, pr0.2 pg0.2, pm0.85, pr0.2 pg0.25, pm0.55, pr0.25 pg0.25, pm0.65, pr0.35	pg0.2, pm0.85, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.75, pr0.25 pg0.25, pm0.55, pr0.35 pg0.25, pm0.65, pr0.45	pg0.2, pm0.85, pr0.3 pg0.2, pm0.75, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.55, pr0.35 pg0.25, pm0.65, pr0.45	pg0.2, pm0.65, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.85, pr0.35 pg0.25, pm0.65, pr0.4 pg0.25, pm0.65, pr0.4	pg0.2, pm0.75, pr0.4 pg0.2, pm0.85, pr0.4 pg0.25, pm0.55, pr0.45 pg0.25, pm0.7, pr0.25	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.55, pr0.5 pg0.25, pm0.7, pr0.3	pg0.2, pm0.75, pr0.5 pg0.2, pm0.85, pr0.5 pg0.25, pm0.6, pr0.25 pg0.25, pm0.7, pr0.35	pg0.2, pm0.8, pr0.2 pg0.2, pm0.9, pr0.2 pg0.25, pm0.6, pr0.3 pg0.25, pm0.7, pr0.4
Pg0 2, pm0,6, pr0,25 Pg0 2, pm0,7, pr0,25 Pg0 2, pm0,7, pr0,25 Pg0 2, pm0,8, pr0,75 Pg0 2, pm0,8, pr0,75 Pg0 2, pm0,8, pr0,75 Pg0 2, pm0,8, pr0,75 Pg0 2, pm0,75 Pg0 2, pm0,75	pg0.2, pm0.8, pt0.3 pg0.2, pm0.8, pt0.3 pg0.2, pm0.9, pt0.3 pg0.25, pm0.8, pt0.4	pg0.2, pm0.8, pr0.35 pg0.2, pm0.7, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.9, pr0.35 pg0.2, pm0.9, pr0.35	pg0.2, pm0.8, pr0.4 pg0.2, pm0.7, pr0.4 pg0.2, pm0.8, pr0.4 pg0.2, pm0.9, pr0.4 pg0.2, pm0.9, pr0.4	pg0.2, pm0.8, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.9, pr0.45 pg0.2, pm0.9, pr0.45	pg0.2, pm0.6, pr0.5 pg0.2, pm0.7, pr0.5 pg0.2, pm0.8, pr0.5 pg0.2, pm0.8, pr0.5 pg0.2, pm0.8, pr0.5	pg0.2, pm0.85, pr0.2 pg0.2, pm0.75, pr0.2 pg0.2, pm0.85, pr0.2 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35	pg0.2, pm0.85, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.55, pr0.3 pg0.25, pm0.55, pr0.4	pg0.2, pm0.85, pr0.3 pg0.2, pm0.75, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.55, pr0.35 pg0.25, pm0.65, pr0.45 pg0.25, pm0.85, pr0.45	pg0.2, pm0.65, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.85, pr0.35 pg0.25, pm0.65, pr0.4 pg0.25, pm0.65, pr0.4	pg0.2, pm0.75, pr0.4 pg0.2, pm0.85, pr0.4 pg0.25, pm0.55, pr0.45 pg0.25, pm0.7, pr0.25	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.55, pr0.5 pg0.25, pm0.7, pr0.3	pg0.2, pm0.75, pr0.5 pg0.2, pm0.85, pr0.5 pg0.25, pm0.6, pr0.25 pg0.25, pm0.7, pr0.35	pg0.2, pm0.8, pr0.2 pg0.2, pm0.9, pr0.2 pg0.25, pm0.6, pr0.3 pg0.25, pm0.7, pr0.4
Pg0 2, pm0.8, pr0.25 pg0 2, pm0.8, pr0.25	pg0.2, pm0.7, pd0.3 pg0.2, pm0.8, pd0.3 pg0.2, pm0.9, pd0.3 pg0.25, pm0.8, pd0.4 pg0.25, pm0.7, pd0.5	pg0.2, pm0.8, pr0.35 pg0.2, pm0.7, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.9, pr0.35 pg0.2, pm0.9, pr0.35	pg02, pm0.8, pr0.4 pg02, pm0.7, pr0.4 pg02, pm0.8, pr0.4 pg02, pm0.8, pr0.4 pg0.2, pm0.8, pr0.4	pg0.2, pm0.8, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.9, pr0.45 pg0.2, pm0.9, pr0.45	pg0.2, pm0.6, pr0.5 pg0.2, pm0.7, pr0.5 pg0.2, pm0.8, pr0.5 pg0.2, pm0.8, pr0.5 pg0.2, pm0.8, pr0.5	pg0.2, pm0.85, pr0.2 pg0.2, pm0.85, pr0.2 pg0.25, pm0.85, pr0.2 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35	pg0.2, pm0.85, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.55, pr0.3 pg0.25, pm0.55, pr0.4	pg0.2, pm0.85, pr0.3 pg0.2, pm0.75, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.55, pr0.35 pg0.25, pm0.65, pr0.45 pg0.25, pm0.85, pr0.45	pg0.2, pm0.65, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.85, pr0.35 pg0.25, pm0.65, pr0.4 pg0.25, pm0.65, pr0.4	pg0.2, pm0.75, pr0.4 pg0.2, pm0.85, pr0.4 pg0.25, pm0.55, pr0.45 pg0.25, pm0.7, pr0.25	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.55, pr0.5 pg0.25, pm0.7, pr0.3	pg0.2, pm0.75, pr0.5 pg0.2, pm0.85, pr0.5 pg0.25, pm0.6, pr0.25 pg0.25, pm0.7, pr0.35	pg0.2, pm0.8, pr0.2 pg0.2, pm0.9, pr0.2 pg0.25, pm0.6, pr0.3 pg0.25, pm0.7, pr0.4
Pg0 2, pm0,8, pr0,25 Pg0 2, pm0,7, pr0,25 Pg0 2, pm0,7, pr0,25 Pg0 2, pm0,9, pr0,9, pr	pg0.2, pm0.7, pr0.3 pg0.2, pm0.8, pr0.3 pg0.2, pm0.9, pr0.3 pg0.25, pm0.6, pr0.4 pg0.25, pm0.7, pr0.5	pg0.2, pm0.8, pr0.35 pg0.2, pm0.7, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.25, pm0.6, pr0.45 pg0.25, pm0.75, pr0.25	pg0.2; pm0.8; pr0.4 pg0.2; pm0.8; pr0.4 pg0.2; pm0.8; pr0.4 pg0.2; pm0.6; pr0.4 pg0.25; pm0.6; pr0.5	pg0.2, pm0.8; pr0.45 pg0.2, pm0.7; pr0.45 pg0.2, pm0.8; pr0.45 pg0.2; pm0.8; pr0.45 pg0.25, pm0.65; pr0.25	pg0.2, pm0.8, pr0.5 pg0.2, pm0.7, pr0.5 pg0.2, pm0.8, pr0.5 pg0.2, pm0.8, pr0.5 pg0.2, pm0.65, pr0.3 pg0.25, pm0.75, pr0.4	pg0.2, pm0.85, pr0.2 pg0.2, pm0.75, pr0.2 pg0.2, pm0.85, pr0.2 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35	pg0.2, pm0.85, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.4 pg0.25, pm0.75, pr0.4	pg0.2, pm0.65, pr0.3 pg0.2, pm0.75, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.45 pg0.25, pm0.8, pr0.45	pg0.2, pm0.65, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.85, pr0.36 pg0.25, pm0.65, pr0.4 pg0.26, pm0.65, pr0.5	pg0.2, pm0.75, pr0.4 pg0.2, pm0.85, pr0.4 pg0.25, pm0.55, pr0.45 pg0.25, pm0.7, pr0.25 pg0.25, pm0.8, pr0.35	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.55, pr0.5 pg0.25, pm0.7, pr0.3 pg0.25, pm0.8, pr0.4	pg0.2, pm0.75, pr0.5 pg0.2, pm0.85, pr0.5 pg0.25, pm0.6, pr0.25 pg0.25, pm0.7, pr0.35 pg0.25, pm0.8, pr0.45	pg0.2, pm0.8, p0.2 pg0.2, pm0.9, p0.2 pg0.25, pm0.6, pr0.3 pg0.25, pm0.7, pr0.4 pg0.25, pm0.8, pr0.5
Pg0 2, pm0,8, pr0,25 Pg0 2, pm0,7, pr0,25 Pg0 2, pm0,7, pr0,25 Pg0 2, pm0,9, pr0,9, pr0,25 Pg0 2, pm0,9, pr0,9, pr	pg0.2, pm0.7, pr0.3 pg0.2, pm0.8, pr0.3 pg0.2, pm0.9, pr0.3 pg0.25, pm0.6, pr0.4 pg0.25, pm0.7, pr0.5	pg0.2, pm0.8, pr0.35 pg0.2, pm0.7, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.25, pm0.6, pr0.45 pg0.25, pm0.75, pr0.25	pg02, pm0.8, pr0.4 pg02, pm0.7, pr0.4 pg02, pm0.8, pr0.4 pg02, pm0.8, pr0.4 pg0.2, pm0.8, pr0.4	pg0.2, pm0.8; pr0.45 pg0.2, pm0.7; pr0.45 pg0.2, pm0.8; pr0.45 pg0.2; pm0.8; pr0.45 pg0.25, pm0.65; pr0.25	pg0.2, pm0.8, pr0.5 pg0.2, pm0.7, pr0.5 pg0.2, pm0.8, pr0.5 pg0.2, pm0.8, pr0.5 pg0.2, pm0.65, pr0.3 pg0.25, pm0.75, pr0.4	pg0.2, pm0.85, pr0.2 pg0.2, pm0.75, pr0.2 pg0.2, pm0.85, pr0.2 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35	pg0.2, pm0.85, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.4 pg0.25, pm0.75, pr0.4	pg0.2, pm0.65, pr0.3 pg0.2, pm0.75, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.45 pg0.25, pm0.8, pr0.45	pg0.2, pm0.65, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.85, pr0.36 pg0.25, pm0.65, pr0.4 pg0.26, pm0.65, pr0.5	pg0.2, pm0.75, pr0.4 pg0.2, pm0.85, pr0.4 pg0.25, pm0.85, pr0.45 pg0.25, pm0.7, pr0.25 pg0.25, pm0.8, pr0.35	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.55, pr0.5 pg0.25, pm0.7, pr0.3 pg0.25, pm0.8, pr0.4	pg0.2, pm0.75, pr0.5 pg0.2, pm0.85, pr0.5 pg0.25, pm0.6, pr0.25 pg0.25, pm0.7, pr0.35 pg0.25, pm0.8, pr0.45	pg0.2, pm0.8, p0.2 pg0.2, pm0.9, p0.2 pg0.25, pm0.6, pr0.3 pg0.25, pm0.7, pr0.4 pg0.25, pm0.8, pr0.5
Pg0 2, pm0.8, pr0.25 Pg0 2, pm0.7, pr0.25 Pg0 2, pm0.8, pr0.25	19932, pm07, p03 p9932, pm08, p03 p9932, pm08, p03 p9935, pm08, p03 p9935, pm08, p03	pg0.2, pm0.8, pr0.35 pg0.2, pm0.7, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.9, pr0.35 pg0.25, pm0.75, pr0.25 pg0.25, pm0.85, pr0.35	pg0.2, pm0.6, pr0.4 pg0.2, pm0.7, pr0.4 pg0.2, pm0.8, pr0.4 pg0.2, pm0.8, pr0.4 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4	pg0.2, pm0.8, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.9, pr0.45 pg0.2, pm0.9, pr0.45 pg0.25, pm0.9, pr0.45 pg0.25, pm0.75, pr0.35	pg0.2, pm0.8, pr0.5 pg0.2, pm0.7, pr0.5 pg0.2, pm0.8, pr0.5 pg0.25, pm0.86, pr0.3 pg0.25, pm0.85, pr0.4	pg0.2, pm0.85, pm0.2 pg0.2, pm0.85, pm0.2 pg0.2, pm0.85, pm0.2 pg0.25, pm0.85, pm0.35 pg0.25, pm0.85, pm0.45 pg0.25, pm0.85, pm0.45	pg0.2, pm0.85, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.4 pg0.25, pm0.8, pr0.3	pg0.2, pm0.85, pr0.3 pg0.2, pm0.75, pr0.3 pg0.2, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.36	pg0.2, pm0.85, pr0.35 pg0.2, pm0.85, pr0.35 pg0.2, pm0.85, pr0.35 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4 pg0.25, pm0.8, pr0.3	pg0.2, pm0.75, pm0.4 pg0.2, pm0.85, pm0.4 pg0.25, pm0.55, pm0.45 pg0.25, pm0.57, pm0.25 pg0.25, pm0.8, pm0.35 pg0.25, pm0.8, pm0.45	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.55, pr0.5 pg0.25, pm0.7, pr0.3 pg0.25, pm0.8, pr0.4	pg0.2, pm0.75, pr0.8 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35	pg02; pm08; p002 pg02; pm03; p002 pg025; pm03; p003 pg025; pm03; p003 pg025; pm03; p003 pg025; pm03; p003;
Pg0 2, pm0.6, pm0.25 Pg0 2, pm0.7, pm0.27 Pg0 2, pm0.8, pm0.25 Pg0 2, pm0.8, pm0.25 Pg0 2, pm0.8, pm0.25 Pg0 2, pm0.8, pm0.25 Pg0 2, pm0.45, pm0.45 Pg0 3, pm0.45, pm0.45	19932, pm03, pm03, p9932, pm03, pm03, p9932, pm03, pm03, p99325, pm03, pm04, p99325, pm035, pm035, pm045	pg0.2, pm0.8, pr0.35 pg0.2, pm0.7, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.9, pr0.35 pg0.25, pm0.75, pr0.25 pg0.25, pm0.85, pr0.35	pg0.2, pm0.6, pr0.4 pg0.2, pm0.7, pr0.4 pg0.2, pm0.8, pr0.4 pg0.2, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.25, pm0.75, pr0.3 pg0.25, pm0.85, pr0.4	pg0.2, pm0.6, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.25, pm0.8, pr0.45 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35	990.2, pm0.8, po0.5 990.2, pm0.7, po0.5 990.2, pm0.8, po0.5 990.25, pm0.8, po0.5 ps0.25, pm0.85, po0.4 ps0.25, pm0.85, po0.5 ps0.25, pm0.85, po0.5	pg0.2, pm0.85, pr0.2 pg0.2, pm0.75, pr0.2 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35 pg0.25, pm0.95, pr0.45 pg0.25, pm0.9, pr0.25	pg0.2, pm0.85, pr0.25 pg0.2, pm0.85, pr0.28 pg0.25, pm0.85, pr0.28 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.4 pg0.25, pm0.95, pr0.3 pg0.25, pm0.9, pr0.3	pg0.2, pm0.85, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.35	pg0.2; pm0.85; pr0.35 pg0.2; pm0.75; pr0.35 pg0.25; pm0.85; pr0.35 pg0.25; pm0.85; pr0.4 pg0.25; pm0.8; pr0.3 pg0.25; pm0.8; pr0.3	pg0.2, pm0.75, pm0.4 pg0.2, pm0.85, pm0.45 pg0.25, pm0.55, pm0.45 pg0.25, pm0.8, pm0.45 pg0.25, pm0.8, pm0.45 pg0.25, pm0.8, pm0.45 pg0.25, pm0.85, pm0.45	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.56, pr0.5 pg0.25, pm0.8, pr0.45 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4	pg0.2, pm0.75, pr0.5 pg0.2, pm0.85, pr0.5 pg0.25, pm0.6, pr0.25 pg0.25, pm0.7, pr0.35 pg0.25, pm0.8, pr0.45 pg0.3, pm0.85, pr0.3	pg02; pm08; p002 pg02; pm03; p002 pg025; pm03; p003 pg025; pm03; p003 pg025; pm03; p003 pg025; pm03; p003;
Pg0 2, pm0,6, pm0,7, pm0,25 Pg0 2, pm0,7, pm0,26 Pg0 2, pm0,7, pm0,26 Pg0 2, pm0,8, pm0,25 Pg0 25, pm0,25, pm0,25 Pg0 25, pm0,25 Pg0 2	pg0.2, pm0.7, pn0.3 pg0.2, pm0.8, pn0.3 pg0.22, pm0.8, pn0.3 pg0.25, pm0.8, pm0.4 pg0.25, pm0.85, pn0.45 pg0.35, pm0.85, pn0.45	pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.25, pm0.8, pr0.45 pg0.25, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35	pg0.2; pm0.8; pr0.4 pg0.2; pm0.7; pr0.4 pg0.2; pm0.8; pr0.4 pg0.2; pm0.8; pr0.4 pg0.25; pm0.6; pr0.4 pg0.25; pm0.6; pr0.4 pg0.25; pm0.6; pr0.4	pg0.2, pm0.6, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.9, pr0.45 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35 pg0.3, pm0.6, pr0.35	pg0.2, pm0.8, pv0.5 pg0.2, pm0.7, pv0.5 pg0.2, pm0.8, pv0.5 pg0.25, pm0.85, pv0.3 pg0.25, pm0.85, pv0.3 pg0.25, pm0.85, pv0.4 pg0.25, pm0.85, pv0.4	pg0.2, pm0.85, pr0.2 pg0.2, pm0.85, pr0.2 pg0.25, pm0.85, pr0.2 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.45	pg0.2, pm0.65, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.65, pr0.3 pg0.25, pm0.65, pr0.4 pg0.25, pm0.75, pr0.5 pg0.25, pm0.6, pr0.3	pg0.2, pm0.85, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.35, pm0.85, pr0.35	pg0.2; pm0.85; pr0.35 pg0.2; pm0.75; pr0.35 pg0.2; pm0.85; pr0.35 pg0.25; pm0.85; pr0.3 pg0.25; pm0.85; pr0.4 pg0.25; pm0.8; pr0.3 pg0.25; pm0.8; pr0.3	pg0.2, pm0.75, pr0.4 pg0.2, pm0.85, pr0.4 pg0.25, pm0.85, pr0.45 pg0.25, pm0.7, pr0.25 pg0.25, pm0.8, pr0.45 pg0.25, pm0.8, pr0.45	pq0.2, pm0.75, pr0.45 pq0.2, pm0.85, pr0.45 pg0.25, pm0.85, pr0.5 pg0.25, pm0.8, pr0.5 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4	pg0.2, pm0.75, pr0.8 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.7, pr0.35 pg0.25, pm0.8, pr0.46 pg0.3, pm0.65, pr0.3	pg02, pm08, pm02 pg02, pm08, pm02 pg025, pm08, pm03 pg025, pm08, pm04 pg025, pm08, pm05 pg03, pm055, pm03
Pg0 2, pm0.8, pr0.25 Pg0 2, pm0.7, pr0.25 Pg0 2, pm0.7, pr0.25 Pg0 2, pm0.8, pr0.25 Pg0 2, pm0.8, pr0.25 Pg0 25, pm0.8, pr0.25 Pg0 25, pm0.8, pr0.25 Pg0 3, pm0.55, pr0.4 Pg0 3, pm0.7, pr0.35	pg0.2, pm0.7, p0.3 pg0.2, pm0.8, p0.3 pg0.2, pm0.8, p0.3 pg0.25, pm0.6, pn0.4 pg0.25, pm0.5, pr0.4 pg0.25, pm0.85, pr0.4 pg0.3, pm0.55, pr0.4	pg0.2, pm0.8, pm0.35 pg0.2, pm0.7, pm0.35 pg0.2, pm0.8, pm0.35 pg0.25, pm0.8, pm0.35 pg0.25, pm0.76, pm0.45 pg0.25, pm0.85, pm0.35 pg0.3, pm0.35, pm0.35 pg0.3, pm0.7, pm0.45	pg0.2, pm0.8, pr0.4 pg0.2, pm0.7, pr0.4 pg0.2, pm0.8, pr0.4 pg0.2, pm0.8, pr0.4 pg0.25, pm0.6, pr0.5 pg0.25, pm0.75, pr0.3 pg0.3, pm0.6, pr0.3	pg0.2, pm0.6, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.8, pr0.45 pg0.25, pm0.65, pr0.25 pg0.25, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35	pg0.2, pm0.8, pr0.5 pg0.2, pm0.7, pr0.5 pg0.2, pm0.8, pr0.5 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4 pg0.3, pm0.8, pr0.4	pg0.2, pm0.85, pm0.2 pg0.2, pm0.95, pm0.2 pg0.2, pm0.85, pm0.2 pg0.25, pm0.85, pm0.25 pg0.25, pm0.65, pm0.35 pg0.25, pm0.6, pm0.45 pg0.25, pm0.8, pm0.45 pg0.3, pm0.75, pm0.45	pg0.2, pm0.85, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4 pg0.25, pm0.8, pr0.3 pg0.3, pm0.6, pr0.5 pg0.3, pm0.75, pr0.46	pg0.2, pm0.85, pr0.3 pg0.2, pm0.75, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.3, pm0.85, pr0.3	pg0.2, pm0.85, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.85, pr0.35 pg0.25, pm0.85, pr0.3 pg0.25, pm0.8, pr0.3 pg0.25, pm0.8, pr0.3 pg0.3, pm0.8, pr0.3	pg0.2, pm0.75, pr0.4 pg0.2, pm0.85, pr0.4 pg0.25, pm0.85, pr0.45 pg0.25, pm0.7, pr0.25 pg0.25, pm0.8, pr0.35 pg0.3, pm0.85, pr0.45 pg0.3, pm0.85, pr0.45	pq0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.85, pr0.5 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.3, pm0.8, pr0.4	pg0.2, pm0.75, pr0.8 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.7, pr0.35 pg0.25, pm0.8, pr0.45 pg0.3, pm0.85, pr0.3 pg0.3, pm0.85, pr0.3	pg0.2, pm0.8, p0.2 pg0.2, pm0.8, p0.2 pg0.25, pm0.8, p0.3 pg0.25, pm0.8, p0.3 pg0.25, pm0.8, p0.5 pg0.3, pm0.8, p0.3 pg0.3, pm0.8, p0.5
Pg0 2, pm0,6, pm0,7, pm0,25 Pg0 2, pm0,7, pm0,26 Pg0 2, pm0,7, pm0,26 Pg0 2, pm0,8, pm0,25 Pg0 25, pm0,25, pm0,25 Pg0 25, pm0,25 Pg0 2	pg0.2, pm0.7, p0.3 pg0.2, pm0.8, p0.3 pg0.2, pm0.8, p0.3 pg0.25, pm0.6, pn0.4 pg0.25, pm0.5, pr0.4 pg0.25, pm0.85, pr0.4 pg0.3, pm0.55, pr0.4	pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.25, pm0.8, pr0.45 pg0.25, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35	pg0.2, pm0.8, pr0.4 pg0.2, pm0.7, pr0.4 pg0.2, pm0.8, pr0.4 pg0.2, pm0.8, pr0.4 pg0.25, pm0.6, pr0.5 pg0.25, pm0.75, pr0.3 pg0.3, pm0.6, pr0.3	pg0.2, pm0.6, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.8, pr0.45 pg0.25, pm0.65, pr0.25 pg0.25, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35	pg0.2, pm0.8, pv0.5 pg0.2, pm0.7, pv0.5 pg0.2, pm0.8, pv0.5 pg0.25, pm0.85, pv0.3 pg0.25, pm0.85, pv0.3 pg0.25, pm0.85, pv0.4 pg0.25, pm0.85, pv0.4	pg0.2, pm0.85, pm0.2 pg0.2, pm0.95, pm0.2 pg0.2, pm0.85, pm0.2 pg0.25, pm0.85, pm0.25 pg0.25, pm0.65, pm0.35 pg0.25, pm0.6, pm0.45 pg0.25, pm0.8, pm0.45 pg0.3, pm0.75, pm0.45	pg0.2, pm0.65, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.65, pr0.3 pg0.25, pm0.75, pr0.3 pg0.25, pm0.9, pr0.3	pg0.2, pm0.85, pr0.3 pg0.2, pm0.75, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.3, pm0.85, pr0.3	pg0.2, pm0.85, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.85, pr0.35 pg0.25, pm0.85, pr0.3 pg0.25, pm0.8, pr0.3 pg0.25, pm0.8, pr0.3 pg0.3, pm0.8, pr0.3	pg0.2, pm0.75, pr0.4 pg0.2, pm0.85, pr0.4 pg0.25, pm0.85, pr0.45 pg0.25, pm0.7, pr0.25 pg0.25, pm0.8, pr0.45 pg0.25, pm0.8, pr0.45	pq0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.85, pr0.5 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.3, pm0.8, pr0.4	pg0.2, pm0.75, pr0.8 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.7, pr0.35 pg0.25, pm0.8, pr0.45 pg0.3, pm0.85, pr0.3 pg0.3, pm0.85, pr0.3	pg02, pm08, pm02 pg02, pm08, pm02 pg025, pm08, pm03 pg025, pm08, pm04 pg025, pm08, pm05 pg03, pm055, pm03
Pg0 2, pm0.6, pm0.25 Pg0 2, pm0.7, pm0.24 Pg0 2, pm0.8, pm0.25 Pg0 3, pm0.25, pm0.8, pm0.25 Pg0 3, pm0.8, pm0.8, pm0.8 Pg0 3, pm0.8 P	pg0.2, pm0.7, pr0.3 pg0.2, pm0.8, pr0.3 pg0.2, pm0.8, pr0.3 pg0.25, pm0.6, pr0.4 pg0.25, pm0.7, pr0.6 pg0.3, pm0.7, pr0.4	pg0.2, pm0.8, pm0.35 pg0.2, pm0.7, pm0.35 pg0.2, pm0.8, pm0.35 pg0.2, pm0.9, pm0.35 pg0.25, pm0.36, pm0.45 pg0.25, pm0.75, pm0.25 pg0.31, pm0.85, pm0.55 pg0.31, pm0.75, pm0.45	pg0.2, pm0.8, pr0.4 pg0.2, pm0.7, pr0.4 pg0.2, pm0.8, pr0.4 pg0.2, pm0.8, pr0.4 pg0.25, pm0.6, pr0.5 pg0.25, pm0.75, pr0.3 pg0.3, pm0.6, pr0.3	pg0.2, pm0.8, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.8, pr0.45 pg0.25, pm0.35, pr0.35 pg0.25, pm0.75, pr0.35 pg0.3, pm0.75, pr0.35	pg0.2, pm0.8, pr0.5 pg0.2, pm0.7, pr0.5 pg0.2, pm0.8, pr0.5 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4 pg0.3, pm0.8, pr0.4	pg0.2, pm0.85, pm0.2 pg0.2, pm0.95, pm0.2 pg0.2, pm0.85, pm0.2 pg0.25, pm0.85, pm0.25 pg0.25, pm0.65, pm0.35 pg0.25, pm0.65, pm0.45 pg0.3, pm0.6, pm0.45	pg0.2, pm0.85, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.3 pg0.25, pm0.55, pr0.4 pg0.25, pm0.95, pr0.4 pg0.25, pm0.9, pr0.3 pg0.3, pm0.6, pr0.5	pg0.2, pm0.85, pr0.3 pg0.2, pm0.75, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.86, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.3, pm0.75, pr0.8	pg0.2, pm0.85, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.85, pr0.35 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4 pg0.25, pm0.8, pr0.3 pg0.25, pm0.8, pr0.3 pg0.3, pm0.65, pr0.35	pg0.2, pm0.75, pm0.4 pg0.2, pm0.85, pm0.4 pg0.25, pm0.55, pm0.45 pg0.25, pm0.5, pm0.45 pg0.25, pm0.8, pm0.45 pg0.3, pm0.65, pm0.45 pg0.3, pm0.65, pm0.45	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.85, pr0.5 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.3, pm0.65, pr0.45	pg0.2, pm0.75, pr0.8 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.45 pg0.25, pm0.8, pr0.45 pg0.3, pm0.86, pr0.4	pg0.2, pm0.8, p0.2 pg0.2, pm0.8, p0.2 pg0.25, pm0.8, p0.3 pg0.25, pm0.8, p0.3 pg0.35, pm0.8, p0.5 pg0.3, pm0.8, p0.3 pg0.3, pm0.8, p0.5
Pg0 2, pm0.8, pm0.8, pm0.8 Pg0 2, pm0.7, pm0.7, pm0.25 Pg0 2, pm0.8, pm0.8, pm0.8 Pg0 2, pm0.8, pm0.8, pm0.8 Pg0 25, pm0.8, pm0.45 Pg0 25, pm0.85, pm0.4 Pg0 3, pm0.55, pm0.4 Pg0 3, pm0.7, pm0.35, pm0.4	pg0.2, pm0.7, pr0.3 pg0.2, pm0.8, pr0.3 pg0.2, pm0.8, pr0.3 pg0.25, pm0.6, pr0.4 pg0.25, pm0.7, pr0.6 pg0.3, pm0.7, pr0.4	pg0.2, pm0.8, pm0.35 pg0.2, pm0.7, pm0.35 pg0.2, pm0.8, pm0.35 pg0.22, pm0.8, pm0.35 pg0.25, pm0.75, pm0.35 pg0.25, pm0.75, pm0.25 pg0.3, pm0.55, pm0.45 pg0.3, pm0.25, pm0.45	990.2; pm0.8; pr0.4 990.2; pm0.7; pr0.4 990.2; pm0.8; pr0.4 990.2; pm0.8; pr0.4 990.2; pm0.8; pr0.4 990.25; pm0.75; pr0.3 990.25; pm0.85; pr0.3 990.3; pm0.8; pr0.3	pg0.2, pm0.6; pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8; pr0.45 pg0.2, pm0.8; pr0.45 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.3, pm0.85, pr0.3	pg0.2, pm0.8, po0.5 pg0.2, pm0.7, po0.5 pg0.2, pm0.8, po0.5 pg0.25, pm0.85, po0.5 pg0.25, pm0.85, po0.5 pg0.25, pm0.85, po0.5 pg0.25, pm0.85, po0.5 pg0.3, pm0.8, po0.3 pg0.3, pm0.75, po0.36	pg0.2, pm0.85, pm0.2 pg0.2, pm0.95, pm0.2 pg0.2, pm0.85, pm0.2 pg0.25, pm0.85, pm0.25 pg0.25, pm0.65, pm0.35 pg0.25, pm0.65, pm0.45 pg0.3, pm0.6, pm0.45	pg0.2, pm0.85, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.3 pg0.25, pm0.55, pr0.4 pg0.25, pm0.95, pr0.4 pg0.25, pm0.9, pr0.3 pg0.3, pm0.6, pr0.5	pg0.2, pm0.85, pr0.3 pg0.2, pm0.75, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.86, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.3, pm0.75, pr0.8	pg0.2; pm0.85; pr0.35 pg0.2; pm0.75; pr0.35 pg0.22; pm0.85; pr0.35 pg0.25; pm0.85; pr0.4 pg0.25; pm0.8; pr0.3 pg0.25; pm0.8; pr0.3 pg0.25; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3	pg0.2, pm0.75, pr0.4 pg0.2, pm0.85, pr0.4 pg0.25, pm0.85, pr0.45 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.25 pg0.3, pm0.85, pr0.45 pg0.3, pm0.85, pr0.35	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.85, pr0.5 pg0.25, pm0.8, pr0.45 pg0.25, pm0.8, pr0.4 pg0.3, pm0.8, pr0.45 pg0.3, pm0.8, pr0.4	pg0.2, pm0.75, pr0.8 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.45 pg0.25, pm0.8, pr0.45 pg0.3, pm0.86, pr0.4	pg0.2, pm0.8, p0.2 pg0.2, pm0.8, p0.2 pg0.25, pm0.8, p0.3 pg0.25, pm0.8, p0.3 pg0.35, pm0.8, p0.5 pg0.3, pm0.8, p0.3 pg0.3, pm0.8, p0.5
Pg0 2, pm0.6, pm0.25 Pg0 2, pm0.7, pm0.24 Pg0 2, pm0.8, pm0.25 Pg0 2, pm0.8, pm0.25 Pg0 2, pm0.8, pm0.25 Pg0 22, pm0.8, pm0.35 Pg0 25, pm0.8, pm0.35 Pg0 25, pm0.45, pm0.35, pm	pg0.2, pm0.7, p0.3 pg0.2, pm0.8, p0.3 pg0.25, pm0.8, p0.3 pg0.25, pm0.7, p0.4 pg0.35, pm0.55, pr0.4 pg0.3, pm0.75, p0.4	pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.86, pr0.45 pg0.25, pm0.86, pr0.45 pg0.3, pm0.86, pr0.45 pg0.3, pm0.85, pr0.45	pg0.2; pm0.8; pr0.4 pg0.2; pm0.7; pr0.4 pg0.2; pm0.8; pr0.4 pg0.2; pm0.8; pr0.4 pg0.25; pm0.6; pr0.5 pg0.25; pm0.6; pr0.3 pg0.3; pm0.8; pr0.4 pg0.3; pm0.8; pr0.4	pg0.2, pm0.6, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.25, pm0.8, pr0.45 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.3, pm0.6, pr0.35 pg0.3, pm0.65, pr0.3	pg0.2, pm0.8, po0.5 pg0.2, pm0.7, po0.5 pg0.2, pm0.8, po0.5 pg0.25, pm0.85, po0.5 pg0.25, pm0.85, po0.4 pg0.25, pm0.85, po0.4 pg0.25, pm0.85, po0.4 pg0.3, pm0.6, po0.4	pg0.2, pm0.85, pr0.2 pg0.2, pm0.85, pr0.2 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.35 pg0.3, pm0.6, pr0.45 pg0.3, pm0.8, pr0.35	pg0.2, pm0.85, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.4 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.3, pm0.8, pr0.45	pg0.2, pm0.85, pr0.3 pg0.2, pm0.75, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.45 pg0.25, pm0.8, pr0.45 pg0.25, pm0.8, pr0.35 pg0.3, pm0.95, pr0.45	pg0.2; pm0.85; pr0.35 pg0.2; pm0.75; pr0.35 pg0.2; pm0.85; pr0.35 pg0.25; pm0.85; pr0.4 pg0.25; pm0.85; pr0.5 pg0.25; pm0.8; pr0.3 pg0.25; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3	pg0.2, pm0.75, pm0.4 pg0.2, pm0.85, pm0.4 pg0.25, pm0.55, pm0.45 pg0.25, pm0.7, pm0.25 pg0.25, pm0.8, pm0.35 pg0.25, pm0.8, pm0.45 pg0.3, pm0.65, pm0.45 pg0.3, pm0.65, pm0.35	pq0.2, pm0.75, pr0.45 pq0.2, pm0.85, pr0.45 pg0.25, pm0.85, pr0.5 pg0.25, pm0.9, pr0.5 pg0.25, pm0.9, pr0.4 pg0.25, pm0.8, pr0.4 pg0.3, pm0.65, pr0.4	pg0.2, pm0.75, pr0.5 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.7, pr0.35 pg0.31, pm0.85, pr0.3 pg0.31, pm0.65, pr0.45 pg0.31, pm0.65, pr0.45	pg02, pm08, p02 pg02, pm08, p02 pg025, pm08, p03 pg025, pm08, p03 pg03, pm05, p03 pg03, pm03, p05 pg03, pm05, p05
Pg0 2, pm0.6, pr0.25 Pg0 2, pm0.7, pr0.26 Pg0 2, pm0.7, pr0.26 Pg0 2, pm0.8, pr0.26 Pg0 2, pm0.8, pr0.26 Pg0 2, pm0.8, pr0.26 Pg0 25, pm0.6, pr0.26 Pg0 2	pg0.2, pm0.7, p0.3 pg0.2, pm0.8, p0.3 pg0.25, pm0.8, p0.3 pg0.25, pm0.7, p0.4 pg0.35, pm0.55, pr0.4 pg0.3, pm0.75, p0.4	pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.86, pr0.45 pg0.25, pm0.86, pr0.45 pg0.3, pm0.86, pr0.45 pg0.3, pm0.85, pr0.45	pg0.2; pm0.8; pr0.4 pg0.2; pm0.7; pr0.4 pg0.2; pm0.8; pr0.4 pg0.25; pm0.8; pr0.4 pg0.25; pm0.8; pr0.3 pg0.25; pm0.8; pr0.4 pg0.3; pm0.8; pr0.4 pg0.3; pm0.8; pr0.4	pg0.2, pm0.6, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.25, pm0.8, pr0.45 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.3, pm0.6, pr0.35 pg0.3, pm0.65, pr0.3	pg0.2, pm0.8, po0.5 pg0.2, pm0.7, po0.5 pg0.2, pm0.8, po0.5 pg0.25, pm0.85, po0.5 pg0.25, pm0.85, po0.4 pg0.25, pm0.85, po0.4 pg0.25, pm0.85, po0.4 pg0.3, pm0.6, po0.4	pg0.2, pm0.85, pm0.2 pg0.2, pm0.75, pm0.2 pg0.2, pm0.85, pm0.2 pg0.25, pm0.85, pm0.25 pg0.25, pm0.85, pm0.35 pg0.25, pm0.8, pm0.45 pg0.3, pm0.8, pm0.45 pg0.3, pm0.75, pm0.45 pg0.3, pm0.75, pm0.45 pg0.3, pm0.45, pm0.45	pg0.2, pm0.85, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.4 pg0.25, pm0.8, pr0.3 pg0.3, pm0.8, pr0.4 pg0.3, pm0.8, pr0.4	pg0.2, pm0.85, pr0.3 pg0.2, pm0.75, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.45 pg0.25, pm0.8, pr0.45 pg0.25, pm0.8, pr0.35 pg0.3, pm0.95, pr0.45	pg0.2; pm0.85; pr0.35 pg0.2; pm0.75; pr0.35 pg0.2; pm0.85; pr0.35 pg0.25; pm0.85; pr0.4 pg0.25; pm0.85; pr0.5 pg0.25; pm0.8; pr0.3 pg0.25; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3	pg0.2, pm0.75, pr0.4 pg0.2, pm0.85, pr0.4 pg0.25, pm0.85, pr0.45 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.45 pg0.3, pm0.85, pr0.45 pg0.3, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.3, pm0.8, pr0.4 pg0.35, pm0.55, pr0.4	pg0.2, pm0.75, pr0.5 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.7, pr0.35 pg0.31, pm0.85, pr0.3 pg0.31, pm0.65, pr0.45 pg0.31, pm0.65, pr0.45	pg02, pm08, p02 pg02, pm08, p02 pg025, pm08, p03 pg025, pm08, p03 pg03, pm05, p03 pg03, pm03, p05 pg03, pm05, p05
Pg0 2, pm0.6, pr0.25 Pg0 2, pm0.7, pr0.26 Pg0 2, pm0.7, pr0.26 Pg0 2, pm0.8, pr0.25 Pg0 3, pm0.8, pr0.35 Pg0 3, pm0.8, pr0.35 Pg0 3, pm0.8, pr0.35 Pg0 3, pm0.8, pr0.35	pg0.2, pm0.7, p0.3 pg0.2, pm0.8, p0.3 pg0.2, pm0.8, p0.3 pg0.25, pm0.6, pn0.4 pg0.25, pm0.7, pn0.6 pg0.35, pm0.85, pn0.4 pg0.3, pm0.85, pn0.4 pg0.3, pm0.85, pn0.4	pg0.2, pm0.8, pm0.35 pg0.2, pm0.7, pm0.35 pg0.2, pm0.8, pm0.35 pg0.2, pm0.8, pm0.35 pg0.25, pm0.6, pm0.45 pg0.35, pm0.25, pm0.45 pg0.3, pm0.45, pm0.45 pg0.3, pm0.45, pm0.45	pg0.2; pm0.8; pr0.4 pg0.2; pm0.7; pr0.4 pg0.2; pm0.3; pr0.4 pg0.2; pm0.8; pr0.4 pg0.25; pm0.6; pr0.4 pg0.25; pm0.75; pr0.3 pg0.35; pm0.8; pr0.4 pg0.3; pm0.8; pr0.4 pg0.3; pm0.8; pr0.4	pg0.2, pm0.6, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.8, pr0.45 pg0.25, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35	pg0.2, pm0.8, pr0.5 pg0.2, pm0.7, pr0.5 pg0.2, pm0.8, pr0.5 pg0.25, pm0.85, pr0.3 pg0.25, pm0.75, pr0.4 pg0.25, pm0.85, pr0.3 pg0.3, pm0.8, pr0.3 pg0.3, pm0.8, pr0.3	pg0.2, pm0.85, pr0.2 pg0.2, pm0.75, pr0.2 pg0.2, pm0.85, pr0.2 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.45 pg0.3, pm0.8, pr0.45 pg0.3, pm0.8, pr0.45 pg0.3, pm0.8, pr0.45	pg0.2, pm0.85, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.3 pg0.25, pm0.8, pr0.3 pg0.3, pm0.8, pr0.4 pg0.3, pm0.8, pr0.4	pg0.2, pm0.85, pr0.3 pg0.2, pm0.75, pr0.3 pg0.2, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.35 pg0.3, pm0.8, pr0.35 pg0.3, pm0.95, pr0.3 pg0.3, pm0.95, pr0.3	pg0.2, pm0.85, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.85, pr0.35 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.3 pg0.25, pm0.8, pr0.3 pg0.3, pm0.8, pr0.3 pg0.3, pm0.8, pr0.3 pg0.3, pm0.8, pr0.3	pg0.2, pm0.75, pr0.4 pg0.2, pm0.85, pr0.4 pg0.25, pm0.85, pr0.45 pg0.25, pm0.7, pr0.25 pg0.25, pm0.8, pr0.35 pg0.32, pm0.8, pr0.45 pg0.3, pm0.85, pr0.4 pg0.3, pm0.85, pr0.45	pq0.2, pm0.75, pr0.45 pq0.2, pm0.85, pr0.45 pq0.25, pm0.85, pr0.5 pq0.25, pm0.8, pr0.4 pq0.25, pm0.8, pr0.4 pq0.25, pm0.8, pr0.4 pq0.3, pm0.8, pr0.4 pq0.3, pm0.8, pr0.4	pg0.2, pm0.75, pr0.8 pg0.2, pm0.85, pr0.8 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.45 pg0.32, pm0.8, pr0.45 pg0.3, pm0.85, pr0.3 pg0.3, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45	pg0.2, pm0.8, p0.2 pg0.2, pm0.8, p0.2 pg0.25, pm0.8, p0.3 pg0.25, pm0.7, p0.4 pg0.25, pm0.8, p0.5 pg0.3, pm0.85, p0.3 pg0.3, pm0.8, p0.5 pg0.3, pm0.8, p0.5
Pg0 2, pm0.6, pr0.25 Pg0 2, pm0.7, pr0.26 Pg0 2, pm0.7, pr0.26 Pg0 2, pm0.8, pr0.25 Pg0 3, pm0.8, pr0.35 Pg0 3, pm0.8, pr0.35 Pg0 3, pm0.8, pr0.35 Pg0 3, pm0.8, pr0.35	pg0.2, pm0.7, p0.3 pg0.2, pm0.8, p0.3 pg0.2, pm0.8, p0.3 pg0.25, pm0.6, pn0.4 pg0.25, pm0.7, pn0.6 pg0.35, pm0.85, pn0.4 pg0.3, pm0.85, pn0.4 pg0.3, pm0.85, pn0.4	pg0.2, pm0.8, pm0.35 pg0.2, pm0.7, pm0.35 pg0.2, pm0.8, pm0.35 pg0.2, pm0.8, pm0.35 pg0.25, pm0.6, pm0.45 pg0.35, pm0.25, pm0.45 pg0.3, pm0.45, pm0.45 pg0.3, pm0.45, pm0.45	990.2; pm0.8; pr0.4 990.2; pm0.7; pr0.4 990.2; pm0.8; pr0.4 990.2; pm0.8; pr0.4 990.2; pm0.8; pr0.4 990.25; pm0.8; pr0.4 990.3; pm0.8; pr0.4 990.3; pm0.8; pr0.45 990.3; pm0.8; pr0.45	pg0.2, pm0.8, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.8, pr0.45 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35	990.2, pm0.8, po0.5 990.2, pm0.7, po0.5 990.2, pm0.8, po0.5 990.25, pm0.65, po1.4 990.25, pm0.65, po1.4 990.25, pm0.85, po1.4 990.3, pm0.8, po0.5 990.3, pm0.8, po0.5 990.3, pm0.8, po0.5	pg0.2, pm0.85, pn0.2 pg0.2, pm0.85, pn0.2 pg0.25, pm0.85, pn0.25 pg0.25, pm0.85, pn0.35 pg0.25, pm0.85, pn0.35 pg0.25, pm0.45, pn0.45 pg0.3, pm0.8, pn0.45 pg0.3, pm0.8, pn0.45 pg0.3, pm0.8, pn0.45	pg0.2, pm0.85, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.43 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.3, pm0.8, pr0.4	pg0.2, pm0.85, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.3, pm0.9, pr0.45 pg0.35, pm0.9, pr0.45	pg0.2, pm0.85, pr0.35 pg0.2, pm0.75, pr0.35 pg0.2, pm0.85, pr0.35 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.4 pg0.25, pm0.8, pr0.3 pg0.32, pm0.8, pr0.3 pg0.3, pm0.8, pr0.3 pg0.35, pm0.9, pr0.4	pg0.2, pm0.75, pm0.4 pg0.2, pm0.85, pm0.4 pg0.25, pm0.55, pm0.4 pg0.25, pm0.55, pm0.55 pg0.25, pm0.8, pm0.35 pg0.25, pm0.8, pm0.35 pg0.35, pm0.55, pm0.35 pg0.35, pm0.57, pm0.45 pg0.35, pm0.57, pm0.45	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.85, pr0.5 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.3, pm0.65, pr0.4 pg0.35, pm0.55, pr0.4	pg0.2, pm0.75, pr0.8 pg0.2, pm0.85, pr0.8 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.45 pg0.32, pm0.8, pr0.45 pg0.3, pm0.85, pr0.3 pg0.3, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45	pg0.2, pm0.8, p0.2 pg0.2, pm0.8, p0.2 pg0.25, pm0.8, p0.3 pg0.25, pm0.7, p0.4 pg0.25, pm0.8, p0.5 pg0.3, pm0.85, p0.3 pg0.3, pm0.8, p0.5 pg0.3, pm0.8, p0.5
Pg0 2, pm0.6, pm0.25 Pg0 2, pm0.7, pm0.27 Pg0 2, pm0.8, pm0.27 Pg0 2, pm0.8, pm0.25 Pg0 2, pm0.8, pm0.25 Pg0 2, pm0.8, pm0.25 Pg0 2, pm0.8, pm0.25 Pg0 3, pm0.25, pm0.45 Pg0 3, pm0.45, pm0.35 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45 Pg0 3, pm0.45 Pg0 3,	pg0.2, pm0.7, p0.3 pg0.2, pm0.8, p0.3 pg0.25, pm0.8, p0.4 pg0.25, pm0.6, p0.4 pg0.25, pm0.6, p0.4 pg0.3, pm0.55, p0.45 pg0.3, pm0.55, p0.45 pg0.3, pm0.8, p0.35	pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.45 pg0.25, pm0.85, pr0.25 pg0.3, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45	990.2; pm0.8; pr0.4 990.2; pm0.7; pr0.4 990.2; pm0.8; pr0.4 990.25; pm0.8; pr0.4 990.25; pm0.8; pr0.4 990.25; pm0.8; pr0.4 990.25; pm0.8; pr0.4 990.3; pm0.8; pr0.4 990.3; pm0.8; pr0.4	pg0.2, pm0.6; pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8; pr0.45 pg0.2, pm0.8; pr0.45 pg0.25, pm0.8; pr0.45 pg0.25, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35	990.2, pm0.8, po0.5 990.2, pm0.7, po0.5 990.2, pm0.8, po0.5 990.25, pm0.85, po0.5 990.25, pm0.85, po0.4 990.25, pm0.85, po0.4 990.3, pm0.8, po0.5 990.3, pm0.8, po0.5 990.3, pm0.8, po0.5	pg0.2, pm0.85, pr0.2 pg0.2, pm0.85, pr0.2 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.36 pg0.25, pm0.8, pr0.35 pg0.3, pm0.8, pr0.45 pg0.3, pm0.8, pr0.36 pg0.3, pm0.8, pr0.36	pg0.2, pm0.85, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.3, pm0.8, pr0.4 pg0.3, pm0.8, pr0.4	pg0.2, pm0.85, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.3, pm0.8, pr0.35 pg0.3, pm0.9, pr0.45 pg0.35, pm0.9, pr0.45	pg0.2; pm0.85; pr0.35 pg0.2; pm0.75; pr0.35 pg0.25; pm0.85; pr0.35 pg0.25; pm0.85; pr0.4 pg0.25; pm0.8; pr0.3 pg0.25; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.4	pg0.2, pm0.75, pm0.4 pg0.2, pm0.85, pm0.4 pg0.25, pm0.35, pm0.45 pg0.25, pm0.37, pm0.25 pg0.25, pm0.08, pm0.45 pg0.3, pm0.46, pm0.45 pg0.3, pm0.46, pm0.45 pg0.35, pm0.56, pm0.45 pg0.35, pm0.56, pm0.45	pq0.2, pm0.75, pr0.45 pq0.2, pm0.85, pr0.45 pg0.25, pm0.87, pr0.3 pg0.25, pm0.87, pr0.3 pg0.25, pm0.97, pr0.3 pg0.25, pm0.98, pr0.46 pg0.3, pm0.65, pr0.46 pg0.35, pm0.55, pr0.4 pg0.35, pm0.55, pr0.4	pg0.2, pm0.75, pr0.5 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.7, pr0.35 pg0.25, pm0.8, pr0.45 pg0.3, pm0.85, pr0.3 pg0.3, pm0.85, pr0.45 pg0.35, pm0.55, pr0.45	pg0.2, pm0.8, pm0.2 pg0.2, pm0.8, pm0.2 pg0.25, pm0.6, pm0.3 pg0.25, pm0.2, pm0.4 pg0.25, pm0.2, pm0.4 pg0.3, pm0.55, pm0.35 pg0.3, pm0.55, pm0.35 pg0.3, pm0.55, pm0.4 pg0.35, pm0.55, pm0.4 pg0.35, pm0.55, pm0.4
Pg0 2, pm0.6, pm0.25 Pg0 2, pm0.7, pm0.27 Pg0 2, pm0.8, pm0.27 Pg0 2, pm0.8, pm0.25 Pg0 2, pm0.8, pm0.25 Pg0 2, pm0.8, pm0.25 Pg0 2, pm0.8, pm0.25 Pg0 3, pm0.25, pm0.45 Pg0 3, pm0.45, pm0.35 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45 Pg0 3, pm0.45 Pg0 3,	pg0.2, pm0.7, p0.3 pg0.2, pm0.8, p0.3 pg0.25, pm0.8, p0.4 pg0.25, pm0.6, p0.4 pg0.25, pm0.6, p0.4 pg0.3, pm0.55, p0.45 pg0.3, pm0.55, p0.45 pg0.3, pm0.8, p0.35	pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.45 pg0.25, pm0.85, pr0.25 pg0.3, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45	990.2; pm0.8; pr0.4 990.2; pm0.7; pr0.4 990.2; pm0.8; pr0.4 990.2; pm0.8; pr0.4 990.2; pm0.8; pr0.4 990.25; pm0.8; pr0.4 990.3; pm0.8; pr0.4 990.3; pm0.8; pr0.45 990.3; pm0.8; pr0.45	pg0.2, pm0.6; pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8; pr0.45 pg0.2, pm0.8; pr0.45 pg0.25, pm0.8; pr0.45 pg0.25, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35	990.2, pm0.8, po0.5 990.2, pm0.7, po0.5 990.2, pm0.8, po0.5 990.25, pm0.85, po0.5 990.25, pm0.85, po0.4 990.25, pm0.85, po0.4 990.3, pm0.8, po0.5 990.3, pm0.8, po0.5 990.3, pm0.8, po0.5	pg0.2, pm0.85, pr0.2 pg0.2, pm0.85, pr0.2 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.36 pg0.25, pm0.8, pr0.35 pg0.3, pm0.8, pr0.45 pg0.3, pm0.8, pr0.36 pg0.3, pm0.8, pr0.36	pg0.2, pm0.85, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.3, pm0.8, pr0.4 pg0.3, pm0.8, pr0.4	pg0.2, pm0.85, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.3, pm0.8, pr0.35 pg0.3, pm0.9, pr0.45 pg0.35, pm0.9, pr0.45	pg0.2; pm0.85; pr0.35 pg0.2; pm0.75; pr0.35 pg0.25; pm0.85; pr0.35 pg0.25; pm0.85; pr0.4 pg0.25; pm0.8; pr0.3 pg0.25; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.4	pg0.2, pm0.75, pm0.4 pg0.2, pm0.85, pm0.4 pg0.25, pm0.35, pm0.45 pg0.25, pm0.37, pm0.25 pg0.25, pm0.08, pm0.45 pg0.3, pm0.46, pm0.45 pg0.3, pm0.46, pm0.45 pg0.35, pm0.56, pm0.45 pg0.35, pm0.56, pm0.45	pq0.2, pm0.75, pr0.45 pq0.2, pm0.85, pr0.45 pg0.25, pm0.87, pr0.3 pg0.25, pm0.87, pr0.3 pg0.25, pm0.97, pr0.3 pg0.25, pm0.98, pr0.46 pg0.3, pm0.65, pr0.46 pg0.35, pm0.55, pr0.4 pg0.35, pm0.55, pr0.4	pg0.2, pm0.75, pr0.5 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.7, pr0.35 pg0.25, pm0.8, pr0.45 pg0.3, pm0.85, pr0.3 pg0.3, pm0.85, pr0.45 pg0.35, pm0.55, pr0.45	pg0.2, pm0.8, pm0.2 pg0.2, pm0.8, pm0.2 pg0.25, pm0.6, pm0.3 pg0.25, pm0.2, pm0.4 pg0.25, pm0.2, pm0.4 pg0.3, pm0.55, pm0.35 pg0.3, pm0.55, pm0.35 pg0.3, pm0.55, pm0.4 pg0.35, pm0.55, pm0.4 pg0.35, pm0.55, pm0.4
Pg0 2, pm0.6, pm0.25 Pg0 2, pm0.7, pm0.27 Pg0 2, pm0.8, pm0.27 Pg0 2, pm0.8, pm0.25 Pg0 2, pm0.8, pm0.25 Pg0 2, pm0.8, pm0.25 Pg0 2, pm0.8, pm0.25 Pg0 3, pm0.25, pm0.45 Pg0 3, pm0.45, pm0.35 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45 Pg0 3, pm0.45 Pg0 3,	pg0.2, pm0.7, p0.3 pg0.2, pm0.8, p0.3 pg0.25, pm0.8, p0.4 pg0.25, pm0.6, p0.4 pg0.25, pm0.6, p0.4 pg0.3, pm0.55, p0.45 pg0.3, pm0.55, p0.45 pg0.3, pm0.8, p0.35	pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.2, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.45 pg0.25, pm0.85, pr0.25 pg0.3, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45	990.2; pm0.8; pr0.4 990.2; pm0.7; pr0.4 990.2; pm0.8; pr0.4 990.25; pm0.8; pr0.4 990.25; pm0.8; pr0.4 990.25; pm0.8; pr0.4 990.25; pm0.8; pr0.4 990.3; pm0.8; pr0.4 990.3; pm0.8; pr0.4	pg0.2, pm0.6; pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8; pr0.45 pg0.2, pm0.8; pr0.45 pg0.25, pm0.8; pr0.45 pg0.25, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35	990.2, pm0.8, po0.5 990.2, pm0.7, po0.5 990.2, pm0.8, po0.5 990.25, pm0.85, po0.5 990.25, pm0.85, po0.4 990.25, pm0.85, po0.4 990.3, pm0.8, po0.5 990.3, pm0.8, po0.5 990.3, pm0.8, po0.5	pg0.2, pm0.85, pr0.2 pg0.2, pm0.85, pr0.2 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.36 pg0.25, pm0.8, pr0.35 pg0.3, pm0.8, pr0.45 pg0.3, pm0.8, pr0.36 pg0.3, pm0.8, pr0.36	pg0.2, pm0.85, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.3, pm0.8, pr0.4 pg0.3, pm0.8, pr0.4	pg0.2, pm0.85, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.3, pm0.8, pr0.35 pg0.3, pm0.9, pr0.45 pg0.35, pm0.9, pr0.45	pg0.2; pm0.85; pr0.35 pg0.2; pm0.75; pr0.35 pg0.25; pm0.85; pr0.35 pg0.25; pm0.85; pr0.4 pg0.25; pm0.8; pr0.3 pg0.25; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.4	pg0.2, pm0.35, pm0.4 pg0.2, pm0.85, pm0.4 pg0.25, pm0.35, pm0.45 pg0.25, pm0.37, pm0.35 pg0.25, pm0.45, pm0.35 pg0.3, pm0.65, pm0.36 pg0.3, pm0.65, pm0.35 pg0.35, pm0.35, pm0.35 pg0.35, pm0.35, pm0.35 pg0.35, pm0.35, pm0.35 pg0.35, pm0.35, pm0.35 pg0.35, pm0.35, pm0.35 pg0.35, pm0.35, pm0.35	pq0.2, pm0.75, pr0.45 pq0.2, pm0.85, pr0.45 pg0.25, pm0.87, pr0.3 pg0.25, pm0.87, pr0.3 pg0.25, pm0.97, pr0.3 pg0.25, pm0.98, pr0.46 pg0.3, pm0.65, pr0.46 pg0.35, pm0.55, pr0.4 pg0.35, pm0.55, pr0.4	pg0.2, pm0.75, pr0.5 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.7, pr0.35 pg0.25, pm0.8, pr0.45 pg0.3, pm0.85, pr0.3 pg0.3, pm0.85, pr0.45 pg0.35, pm0.55, pr0.45	pg0.2, pm0.8, pm0.2 pg0.2, pm0.8, pm0.2 pg0.25, pm0.6, pm0.3 pg0.25, pm0.2, pm0.4 pg0.25, pm0.2, pm0.4 pg0.3, pm0.55, pm0.35 pg0.3, pm0.55, pm0.35 pg0.3, pm0.55, pm0.4 pg0.35, pm0.55, pm0.4 pg0.35, pm0.55, pm0.4
Pg0 2, pm0.6, pm0.25 Pg0 2, pm0.7, pm0.26 Pg0 2, pm0.7, pm0.26 Pg0 2, pm0.8, pm0.25 Pg0 25, pm0.8, pm0.25 Pg0 25, pm0.6, pm0.25 Pg0 3, pm0.25, pm0.45 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45, pm0.45 Pg0 3, pm0.45, pm0.45 Pg0 4, pm0.45, pm0.45 Pg0 4, p	pg0.2, pm0.7, p0.3 pg0.2, pm0.8, p0.3 pg0.25, pm0.8, p0.3 pg0.25, pm0.8, pm0.4 pg0.25, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.31, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45	pg0.2, pm0.8, pm0.35 pg0.2, pm0.7, pm0.35 pg0.2, pm0.8, pm0.35 pg0.2, pm0.8, pm0.35 pg0.25, pm0.8, pm0.45 pg0.25, pm0.85, pm0.45 pg0.3, pm0.85, pm0.45 pg0.3, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45 pg0.35, pm0.8, pm0.45 pg0.35, pm0.8, pm0.45	pg0.2, pm0.8, pr0.4 pg0.2, pm0.7, pr0.4 pg0.2, pm0.8, pr0.4 pg0.2, pm0.8, pr0.4 pg0.25, pm0.6, pr0.5 pg0.25, pm0.6, pr0.5 pg0.25, pm0.8, pr0.4 pg0.3, pm0.8, pr0.4 pg0.3, pm0.8, pr0.4 pg0.35, pm0.8, pr0.4 pg0.35, pm0.8, pr0.4	pg0.2, pm0.6, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.8, pr0.45 pg0.25, pm0.8, pr0.45 pg0.25, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35	pg0.2, pm0.8, po0.5 pg0.2, pm0.7, po0.5 pg0.2, pm0.8, po0.5 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4 pg0.31, pm0.85, pr0.45 pg0.31, pm0.85, pr0.45 pg0.31, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45	pg0.2, pm0.85, pm0.2 pg0.2, pm0.85, pm0.2 pg0.25, pm0.85, pm0.2 pg0.25, pm0.85, pm0.25 pg0.25, pm0.85, pm0.35 pg0.25, pm0.85, pm0.35 pg0.25, pm0.8, pm0.45 pg0.3, pm0.8, pm0.45 pg0.3, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45	pg0.2, pm0.85, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4 pg0.3, pm0.75, pr0.45 pg0.3, pm0.85, pr0.4 pg0.35, pm0.85, pr0.4	pg0.2, pm0.85, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.35, pm0.8, pr0.35 pg0.3, pm0.9, pr0.45 pg0.3, pm0.9, pr0.45 pg0.35, pm0.9, pr0.45	pg0.2; pm0.85; pr0.35 pg0.2; pm0.75; pr0.35 pg0.2; pm0.85; pr0.35 pg0.25; pm0.85; pr0.4 pg0.25; pm0.8; pr0.3 pg0.25; pm0.8; pr0.3 pg0.25; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3	pg0.2, pm0.75, pr0.4 pg0.2, pm0.85, pr0.45 pg0.25, pm0.85, pr0.45 pg0.25, pm0.87, pr0.25 pg0.25, pm0.8, pr0.36 pg0.25, pm0.8, pr0.36 pg0.35, pm0.85, pr0.45 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.8, pr0.5 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.35, pm0.8, pr0.4 pg0.35, pm0.5, pr0.4 pg0.35, pm0.5, pr0.4	pg0.2, pm0.75, pr0.8 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.7, pr0.35 pg0.31, pm0.85, pr0.3 pg0.31, pm0.85, pr0.3 pg0.31, pm0.85, pr0.45 pg0.35, pm0.75, pr0.45 pg0.35, pm0.75, pr0.45	pg02, pm08, p02 pg02, pm08, p02 pg025, pm08, p03 pg025, pm08, p03 pg025, pm08, p05 pg03, pm05, p03 pg03, pm05, p03 pg035, pm07, p03 pg035, pm075, p04
Pg0 2, pm0,6, pm0,7, pm0,8 Pg0 2, pm0,7, pm0,7, pm0,25 Pg0 2, pm0,7, pm0,25 Pg0 2, pm0,8, pm0,25 Pg0,3, pm0,7, pm0,35 Pg0,3, pm0,7, pm0,35 Pg0,3, pm0,75, pm0,45 Pg0,3, pm0,75, pm0,45 Pg0,4, pm0,75, pm0,45 Pg0	pg0.2, pm0.7, p0.3 pg0.2, pm0.8, p0.3 pg0.25, pm0.8, p0.3 pg0.25, pm0.8, pm0.4 pg0.25, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.31, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45	pg0.2, pm0.8, pm0.35 pg0.2, pm0.7, pm0.35 pg0.2, pm0.8, pm0.35 pg0.2, pm0.8, pm0.35 pg0.25, pm0.8, pm0.45 pg0.25, pm0.85, pm0.45 pg0.3, pm0.85, pm0.45 pg0.3, pm0.85, pm0.45 pg0.35, pm0.8, pm0.45 pg0.35, pm0.8, pm0.45 pg0.4, pm0.85, pm0.45	pg0.2; pm0.8; pr0.4 pg0.2; pm0.7; pr0.4 pg0.2; pm0.3; pr0.4 pg0.2; pm0.8; pr0.4 pg0.25; pm0.5; pr0.4 pg0.25; pm0.7; pr0.5 pg0.25; pm0.8; pr0.4 pg0.3; pm0.8; pr0.4 pg0.3; pm0.8; pr0.4 pg0.3; pm0.8; pr0.4 pg0.3; pm0.8; pr0.4	pg0.2, pm0.6, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.8, pr0.45 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35	pg0.2, pm0.8, pv0.5 pg0.2, pm0.8, pv0.5 pg0.2, pm0.8, pv0.5 pg0.25, pm0.85, pv0.3 pg0.25, pm0.85, pv0.4 pg0.25, pm0.85, pv0.4 pg0.31, pm0.85, pv0.36 pg0.31, pm0.85, pv0.36 pg0.35, pm0.85, pv0.45	pg0.2, pm0.85, pm0.2 pg0.2, pm0.85, pm0.2 pg0.25, pm0.85, pm0.25 pg0.25, pm0.85, pm0.25 pg0.25, pm0.85, pm0.35 pg0.25, pm0.85, pm0.45 pg0.32, pm0.85, pm0.45 pg0.3, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45	pg0.2, pm0.85, pr0.25 pg0.2, pm0.75, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4 pg0.3, pm0.8, pr0.4 pg0.3, pm0.85, pr0.4 pg0.3, pm0.85, pr0.4 pg0.35, pm0.85, pr0.4	pg0.2, pm0.85, pr0.3 pg0.2, pm0.75, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.25 pg0.3, pm0.8, pr0.3 pg0.3, pm0.9, pr0.45 pg0.3, pm0.75, pr0.3 pg0.3, pm0.9, pr0.45 pg0.3, pm0.85, pr0.3 pg0.3, pm0.85, pr0.3	pg0.2, pm0.85, pn0.35 pg0.2, pm0.75, pn0.35 pg0.2, pm0.85, pn0.35 pg0.25, pm0.85, pn0.3 pg0.25, pm0.85, pn0.3 pg0.25, pm0.8, pn0.3 pg0.3, pm0.8, pn0.3 pg0.3, pm0.8, pn0.3 pg0.3, pm0.8, pn0.3 pg0.35, pm0.85, pn0.4 pg0.35, pm0.85, pn0.5 pg0.4, pm0.7, pn0.4	pg0.2, pm0.75, pr0.4 pg0.2, pm0.85, pr0.4 pg0.25, pm0.85, pr0.45 pg0.25, pm0.57, pr0.25 pg0.25, pm0.8, pr0.35 pg0.3, pm0.8, pr0.35 pg0.3, pm0.8, pr0.35 pg0.35, pm0.7, pr0.45 pg0.35, pm0.7, pr0.45 pg0.35, pm0.7, pr0.45 pg0.4, pm0.7, pr0.45	pq0.2, pm0.75, pr0.45 pq0.2, pm0.85, pr0.45 pq0.25, pm0.85, pr0.5 pq0.25, pm0.8, pr0.4 pq0.25, pm0.8, pr0.4 pq0.25, pm0.8, pr0.4 pq0.3, pm0.85, pr0.4 pq0.35, pm0.8, pr0.4 pq0.35, pm0.7, pr0.5 pq0.4, pm0.7, pr0.5	pg0.2, pm0.75, pr0.8 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.45 pg0.3, pm0.85, pr0.3 pg0.3, pm0.85, pr0.3 pg0.3, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.35, pm0.55, pr0.45 pg0.35, pm0.55, pr0.45	pg02, pm08, p02 pg02, pm08, p02 pg025, pm08, p03 pg025, pm08, p03 pg025, pm08, p05 pg03, pm05, p03 pg03, pm05, p03 pg035, pm07, p03 pg035, pm075, p04
Pg0 2, pm0.6, pm0.25 Pg0 2, pm0.7, pm0.24 Pg0 2, pm0.7, pm0.25 Pg0 2, pm0.8, pm0.25 Pg0 3, pm0.25, pm0.45 Pg0 4, pm0.45 Pg0 4, pm0.45 Pg0 4, pm0.45 Pg0 4, pm0.45	pg02, pm03, pm03 pg02, pm08, pm03 pg025, pm08, pm04 pg025, pm08, pm04 pg025, pm08, pm04 pg035, pm08, pm04 pg033, pm08, pm04 pg035, pm08, pm04 pg035, pm055, pm04 pg035, pm055, pm04	pg0.2, pm0.8, pm0.35 pg0.2, pm0.7, pm0.35 pg0.2, pm0.8, pm0.35 pg0.25, pm0.8, pm0.45 pg0.25, pm0.86, pm0.45 pg0.25, pm0.86, pm0.45 pg0.3, pm0.86, pm0.45 pg0.3, pm0.86, pm0.45 pg0.35, pm0.8, pm0.45 pg0.35, pm0.8, pm0.45 pg0.35, pm0.8, pm0.45	pg0.2, pm0.8, pr0.4 pg0.2, pm0.7, pr0.4 pg0.2, pm0.8, pr0.4 pg0.2, pm0.8, pr0.4 pg0.25, pm0.6, pr0.5 pg0.35, pm0.8, pr0.4 pg0.3, pm0.8, pr0.4 pg0.4, pm0.8, pr0.4	pg0.2, pm0.6, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.25, pm0.8, pr0.45 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35	pg0.2, pm0.8, po0.5 pg0.2, pm0.7, po0.5 pg0.2, pm0.8, po0.5 pg0.25, pm0.85, po0.5 pg0.25, pm0.85, po0.4 pg0.25, pm0.85, po0.4 pg0.25, pm0.85, po0.4 pg0.3, pm0.8, po0.5 pg0.35, pm0.85, po0.4 pg0.35, pm0.85, po0.5 pg0.35, pm0.85, po0.5	pg0.2, pm0.85, pr0.2 pg0.2, pm0.85, pr0.2 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.3, pm0.8, pr0.35 pg0.3, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35	pg0.2, pm0.85, pr0.25 pg0.2, pm0.85, pr0.28 pg0.2, pm0.85, pr0.28 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.4 pg0.25, pm0.8, pr0.4 pg0.3, pm0.8, pr0.45 pg0.3, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45	pg0.2, pm0.85, pr0.3 pg0.2, pm0.75, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.25 pg0.33, pm0.95, pr0.35 pg0.33, pm0.95, pr0.35 pg0.35, pm0.95, pr0.35 pg0.35, pm0.95, pr0.35 pg0.35, pm0.85, pr0.35	pg0.2; pm0.85; pr0.35 pg0.2; pm0.75; pr0.35 pg0.2; pm0.85; pr0.35 pg0.25; pm0.85; pr0.4 pg0.25; pm0.85; pr0.4 pg0.25; pm0.8; pr0.3 pg0.25; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.4 pg0.3; pm0.8; pr0.4 pg0.4; pm0.7; pr0.4	pg0.2, pm0.35, pm0.4 pg0.2, pm0.35, pm0.45 pg0.25, pm0.35, pm0.45 pg0.25, pm0.37, pm0.35 pg0.25, pm0.45, pm0.45 pg0.25, pm0.45, pm0.45 pg0.3, pm0.45, pm0.45 pg0.35, pm0.45, pm0.45 pg0.35, pm0.57, pm0.45 pg0.35, pm0.57, pm0.45	pq0.2, pm0.75, pr0.45 pq0.2, pm0.85, pr0.45 pq0.25, pm0.85, pr0.5 pg0.25, pm0.7, pr0.3 pg0.25, pm0.8, pr0.4 pg0.35, pm0.85, pr0.4 pg0.35, pm0.55, pr0.4 pg0.35, pm0.7, pr0.5 pg0.35, pm0.7, pr0.5	pg0.2, pm0.75, pr0.5 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.45 pg0.31, pm0.85, pr0.34 pg0.31, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.35, pm0.75, pr0.35 pg0.35, pm0.75, pr0.45	pg02, pm08, p02 pg02, pm08, p02 pg025, pm08, p03 pg025, pm08, p04 pg025, pm08, p05 pg03, pm05, p03 pg03, pm05, p05 pg035, pm05, p05 pg035, pm05, p05 pg035, pm05, p05
Pg0 2, pm0.6, pm0.25 pg0 2, pm0.7, pm0.20 pg0 2, pm0.7, pm0.20 pg0 2, pm0.8, pm0.25 pg0 25, pm0.6, pm0.25 pg0.25, pm0.55, pm0.55 pg0.25, pm0.55, pm0.55	pg0.2, pm0.7, p0.3 pg0.2, pm0.8, p0.3 pg0.25, pm0.8, pr0.3 pg0.25, pm0.8, pr0.4 pg0.25, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.36, pm0.75, pr0.4 pg0.36, pm0.75, pr0.4 pg0.36, pm0.75, pr0.4 pg0.36, pm0.85, pr0.45 pg0.44, pm0.85, pr0.44	pg0.2, pm0.8, pm0.35 pg0.2, pm0.7, pm0.35 pg0.2, pm0.8, pm0.35 pg0.2, pm0.8, pm0.35 pg0.25, pm0.8, pm0.45 pg0.35, pm0.85, pm0.45 pg0.3, pm0.85, pm0.45 pg0.35, pm0.8, pm0.45 pg0.35, pm0.8, pm0.45 pg0.35, pm0.8, pm0.45 pg0.4, pm0.85, pm0.45 pg0.4, pm0.85, pm0.45 pg0.4, pm0.85, pm0.45	pg0.2; pm0.8; pr0.4 pg0.2; pm0.7; pr0.4 pg0.2; pm0.3; pr0.4 pg0.2; pm0.8; pr0.4 pg0.25; pm0.6; pr0.3 pg0.25; pm0.6; pr0.4 pg0.25; pm0.6; pr0.4 pg0.25; pm0.6; pr0.4 pg0.3; pm0.8; pr0.4 pg0.3; pm0.8; pr0.4 pg0.3; pm0.8; pr0.4 pg0.3; pm0.8; pr0.4 pg0.4; pm0.8; pr0.4 pg0.4; pm0.8; pr0.4	pg0.2, pm0.6, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.8, pr0.45 pg0.25, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.45 pg0.4, pm0.85, pr0.45	pg0.2, pm0.8, pv0.5 pg0.2, pm0.7, pv0.5 pg0.2, pm0.8, pv0.5 pg0.25, pm0.8, pv0.5 pg0.25, pm0.85, pv0.3 pg0.25, pm0.85, pv0.4 pg0.3, pm0.8, pv0.5 pg0.3, pm0.8, pv0.5 pg0.3, pm0.8, pv0.5 pg0.3, pm0.8, pv0.5 pg0.4, pm0.8, pv0.5	pg0.2, pm0.85, pm0.2 pg0.2, pm0.85, pm0.2 pg0.25, pm0.85, pm0.2 pg0.25, pm0.85, pm0.35 pg0.25, pm0.85, pm0.35 pg0.25, pm0.8, pm0.35 pg0.25, pm0.8, pm0.45 pg0.3, pm0.8, pm0.45 pg0.3, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45 pg0.44, pm0.85, pm0.45	pg0.2, pm0.85, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4 pg0.3, pm0.85, pr0.4 pg0.3, pm0.85, pr0.4 pg0.35, pm0.85, pr0.4 pg0.35, pm0.85, pr0.4 pg0.35, pm0.85, pr0.4 pg0.35, pm0.85, pr0.4	pg0.2, pm0.85, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.35, pm0.8, pr0.35 pg0.3, pm0.9, pr0.45 pg0.3, pm0.9, pr0.45 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.4, pm0.85, pr0.45	pg0.2; pm0.85; pr0.35 pg0.2; pm0.75; pr0.35 pg0.2; pm0.85; pr0.35 pg0.25; pm0.85; pr0.4 pg0.25; pm0.85; pr0.5 pg0.25; pm0.8; pr0.3 pg0.25; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.5 pg0.3; pm0.8; pr0.5 pg0.4; pm0.8; pr0.5	pg0.2, pm0.35, pm0.4 pg0.2, pm0.35, pm0.4 pg0.25, pm0.35, pm0.45 pg0.25, pm0.37, pm0.35 pg0.25, pm0.8, pm0.35 pg0.25, pm0.8, pm0.35 pg0.3, pm0.85, pm0.35 pg0.35, pm0.35, pm0.35 pg0.35, pm0.37, pm0.45 pg0.35, pm0.37, pm0.45 pg0.35, pm0.37, pm0.45 pg0.36, pm0.37, pm0.45 pg0.45, pm0.37, pm0.45	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.85, pr0.5 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.35, pm0.85, pr0.4 pg0.35, pm0.55, pr0.4 pg0.35, pm0.7, pr0.5 pg0.35, pm0.7, pr0.5 pg0.45, pm0.55, pr0.5	pg0.2, pm0.75, pr0.8 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.7, pr0.35 pg0.25, pm0.8, pr0.45 pg0.3, pm0.85, pr0.45 pg0.3, pm0.85, pr0.45 pg0.35, pm0.75, pr0.45 pg0.35, pm0.75, pr0.45 pg0.35, pm0.75, pr0.45	pg02, pm08, p02 pg02, pm08, p02 pg025, pm08, p03 pg025, pm08, p04 pg025, pm08, p05 pg03, pm05, p03 pg03, pm05, p05 pg035, pm05, p05 pg035, pm05, p05 pg035, pm05, p05
Pg0 2, pm0.6, pm0.25 pg0 2, pm0.7, pm0.20 pg0 2, pm0.7, pm0.20 pg0 2, pm0.8, pm0.25 pg0 25, pm0.6, pm0.25 pg0.25, pm0.55, pm0.55 pg0.25, pm0.55, pm0.55	pg0.2, pm0.7, p0.3 pg0.2, pm0.8, p0.3 pg0.25, pm0.8, pr0.3 pg0.25, pm0.8, pr0.4 pg0.25, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.36, pm0.75, pr0.4 pg0.36, pm0.75, pr0.4 pg0.36, pm0.75, pr0.4 pg0.36, pm0.85, pr0.45 pg0.44, pm0.85, pr0.44	pg0.2, pm0.8, pm0.35 pg0.2, pm0.7, pm0.35 pg0.2, pm0.8, pm0.35 pg0.2, pm0.8, pm0.35 pg0.25, pm0.8, pm0.45 pg0.35, pm0.85, pm0.45 pg0.3, pm0.85, pm0.45 pg0.35, pm0.8, pm0.45 pg0.35, pm0.8, pm0.45 pg0.35, pm0.8, pm0.45 pg0.4, pm0.85, pm0.45 pg0.4, pm0.85, pm0.45 pg0.4, pm0.85, pm0.45	pg0.2; pm0.8; pr0.4 pg0.2; pm0.7; pr0.4 pg0.2; pm0.3; pr0.4 pg0.2; pm0.8; pr0.4 pg0.25; pm0.6; pr0.3 pg0.25; pm0.6; pr0.4 pg0.25; pm0.6; pr0.4 pg0.25; pm0.6; pr0.4 pg0.3; pm0.8; pr0.4 pg0.3; pm0.8; pr0.4 pg0.3; pm0.8; pr0.4 pg0.3; pm0.8; pr0.4 pg0.4; pm0.8; pr0.4 pg0.4; pm0.8; pr0.4	pg0.2, pm0.6, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.8, pr0.45 pg0.25, pm0.85, pr0.25 pg0.35, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.45 pg0.4, pm0.85, pr0.45	pg0.2, pm0.8, pv0.5 pg0.2, pm0.7, pv0.5 pg0.2, pm0.8, pv0.5 pg0.25, pm0.8, pv0.5 pg0.25, pm0.85, pv0.3 pg0.25, pm0.85, pv0.4 pg0.3, pm0.8, pv0.5 pg0.3, pm0.8, pv0.5 pg0.3, pm0.8, pv0.5 pg0.3, pm0.8, pv0.5 pg0.4, pm0.8, pv0.5	pg0.2, pm0.85, pm0.2 pg0.2, pm0.85, pm0.2 pg0.25, pm0.85, pm0.2 pg0.25, pm0.85, pm0.35 pg0.25, pm0.85, pm0.35 pg0.25, pm0.8, pm0.35 pg0.25, pm0.8, pm0.45 pg0.3, pm0.8, pm0.45 pg0.3, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45 pg0.44, pm0.85, pm0.45	pg0.2, pm0.85, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4 pg0.3, pm0.85, pr0.4 pg0.3, pm0.85, pr0.4 pg0.35, pm0.85, pr0.4 pg0.35, pm0.85, pr0.4 pg0.35, pm0.85, pr0.4 pg0.35, pm0.85, pr0.4	pg0.2, pm0.85, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.35, pm0.8, pr0.35 pg0.3, pm0.9, pr0.45 pg0.3, pm0.9, pr0.45 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.4, pm0.85, pr0.45	pg0.2; pm0.85; pr0.35 pg0.2; pm0.75; pr0.35 pg0.2; pm0.85; pr0.35 pg0.25; pm0.85; pr0.4 pg0.25; pm0.85; pr0.5 pg0.25; pm0.8; pr0.3 pg0.25; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.5 pg0.3; pm0.8; pr0.5 pg0.4; pm0.8; pr0.5	pg0.2, pm0.35, pm0.4 pg0.2, pm0.35, pm0.4 pg0.25, pm0.35, pm0.45 pg0.25, pm0.37, pm0.35 pg0.25, pm0.8, pm0.35 pg0.25, pm0.8, pm0.35 pg0.3, pm0.85, pm0.35 pg0.35, pm0.35, pm0.35 pg0.35, pm0.37, pm0.45 pg0.35, pm0.37, pm0.45 pg0.35, pm0.37, pm0.45 pg0.36, pm0.37, pm0.45 pg0.45, pm0.35, pm0.45	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.85, pr0.5 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.35, pm0.85, pr0.4 pg0.35, pm0.55, pr0.4 pg0.35, pm0.7, pr0.5 pg0.35, pm0.7, pr0.5 pg0.45, pm0.55, pr0.5	pg0.2, pm0.75, pr0.8 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.7, pr0.35 pg0.25, pm0.8, pr0.45 pg0.3, pm0.85, pr0.45 pg0.3, pm0.85, pr0.45 pg0.35, pm0.75, pr0.45 pg0.35, pm0.75, pr0.45 pg0.35, pm0.75, pr0.45	pg02, pm08, p02 pg02, pm08, p02 pg025, pm08, p03 pg025, pm08, p04 pg025, pm08, p05 pg03, pm05, p03 pg03, pm05, p05 pg035, pm05, p05 pg035, pm05, p05 pg035, pm05, p05
Pg0 2, pm0.6, pm0.25 pg0 2, pm0.7, pm0.20 pg0 2, pm0.7, pm0.20 pg0 2, pm0.8, pm0.25 pg0 25, pm0.6, pm0.25 pg0.25, pm0.6, pm0.25 pg0.4, pm0.25, pm0.6 pg0.4, pm0.25, pm0.6	pg0.2, pm0.7, p0.3 pg0.2, pm0.8, p0.3 pg0.25, pm0.8, pr0.3 pg0.25, pm0.8, pr0.4 pg0.25, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.35, pm0.85, pr0.45 pg0.36, pm0.75, pr0.4 pg0.36, pm0.75, pr0.4 pg0.36, pm0.75, pr0.4 pg0.36, pm0.85, pr0.45 pg0.44, pm0.85, pr0.44	pg0.2, pm0.8, pm0.35 pg0.2, pm0.7, pm0.35 pg0.2, pm0.8, pm0.35 pg0.2, pm0.8, pm0.35 pg0.25, pm0.8, pm0.45 pg0.35, pm0.85, pm0.45 pg0.3, pm0.85, pm0.45 pg0.35, pm0.8, pm0.45 pg0.35, pm0.8, pm0.45 pg0.35, pm0.8, pm0.45 pg0.4, pm0.85, pm0.45 pg0.4, pm0.85, pm0.45 pg0.4, pm0.85, pm0.45	pg0.2, pm0.8, pr0.4 pg0.2, pm0.7, pr0.4 pg0.2, pm0.8, pr0.4 pg0.2, pm0.8, pr0.4 pg0.25, pm0.6, pr0.5 pg0.35, pm0.8, pr0.4 pg0.3, pm0.8, pr0.4 pg0.4, pm0.8, pr0.4	pg0.2, pm0.6, pr0.45 pg0.2, pm0.7, pr0.45 pg0.2, pm0.8, pr0.45 pg0.2, pm0.8, pr0.45 pg0.25, pm0.85, pr0.25 pg0.35, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.3, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.45 pg0.4, pm0.85, pr0.45	pg0.2, pm0.8, pv0.5 pg0.2, pm0.7, pv0.5 pg0.2, pm0.8, pv0.5 pg0.25, pm0.8, pv0.5 pg0.25, pm0.85, pv0.3 pg0.25, pm0.85, pv0.4 pg0.3, pm0.8, pv0.5 pg0.3, pm0.8, pv0.5 pg0.3, pm0.8, pv0.5 pg0.3, pm0.8, pv0.5 pg0.4, pm0.8, pv0.5	pg0.2, pm0.85, pm0.2 pg0.2, pm0.85, pm0.2 pg0.25, pm0.85, pm0.2 pg0.25, pm0.85, pm0.35 pg0.25, pm0.85, pm0.35 pg0.25, pm0.8, pm0.35 pg0.25, pm0.8, pm0.45 pg0.3, pm0.8, pm0.45 pg0.3, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45 pg0.35, pm0.85, pm0.45 pg0.44, pm0.85, pm0.45	pg0.2, pm0.85, pr0.25 pg0.2, pm0.85, pr0.25 pg0.25, pm0.85, pr0.25 pg0.25, pm0.85, pr0.3 pg0.25, pm0.85, pr0.4 pg0.25, pm0.85, pr0.4 pg0.3, pm0.85, pr0.4 pg0.3, pm0.85, pr0.4 pg0.35, pm0.85, pr0.4 pg0.35, pm0.85, pr0.4 pg0.35, pm0.85, pr0.4 pg0.35, pm0.85, pr0.4	pg0.2, pm0.85, pr0.3 pg0.2, pm0.85, pr0.3 pg0.25, pm0.85, pr0.35 pg0.25, pm0.85, pr0.35 pg0.25, pm0.8, pr0.35 pg0.25, pm0.8, pr0.35 pg0.35, pm0.8, pr0.35 pg0.3, pm0.9, pr0.45 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.35, pm0.85, pr0.35 pg0.44, pm0.85, pr0.45	pg0.2; pm0.85; pr0.35 pg0.2; pm0.75; pr0.35 pg0.2; pm0.85; pr0.35 pg0.25; pm0.85; pr0.4 pg0.25; pm0.85; pr0.5 pg0.25; pm0.8; pr0.3 pg0.25; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.3 pg0.3; pm0.8; pr0.5 pg0.3; pm0.8; pr0.5 pg0.4; pm0.8; pr0.5	pg0.2, pm0.35, pm0.4 pg0.2, pm0.35, pm0.4 pg0.25, pm0.35, pm0.45 pg0.25, pm0.37, pm0.35 pg0.25, pm0.8, pm0.35 pg0.25, pm0.8, pm0.35 pg0.3, pm0.85, pm0.35 pg0.35, pm0.35, pm0.35 pg0.35, pm0.37, pm0.45 pg0.35, pm0.37, pm0.45 pg0.35, pm0.37, pm0.45 pg0.36, pm0.37, pm0.45 pg0.45, pm0.35, pm0.45	pg0.2, pm0.75, pr0.45 pg0.2, pm0.85, pr0.45 pg0.25, pm0.85, pr0.5 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.25, pm0.8, pr0.4 pg0.35, pm0.85, pr0.4 pg0.35, pm0.55, pr0.4 pg0.35, pm0.7, pr0.5 pg0.35, pm0.7, pr0.5 pg0.45, pm0.55, pr0.5	pg0.2, pm0.75, pr0.8 pg0.2, pm0.85, pr0.5 pg0.25, pm0.8, pr0.25 pg0.25, pm0.7, pr0.35 pg0.25, pm0.8, pr0.45 pg0.3, pm0.85, pr0.45 pg0.3, pm0.85, pr0.45 pg0.35, pm0.75, pr0.45 pg0.35, pm0.75, pr0.45 pg0.35, pm0.75, pr0.45	pg02, pm08, p02 pg02, pm08, p02 pg025, pm08, p03 pg025, pm08, p04 pg025, pm08, p05 pg03, pm05, p03 pg03, pm05, p05 pg035, pm05, p05 pg035, pm05, p05 pg035, pm05, p05

Fscore comparison on simulated data top 200

Supplementary Figure 46. Effect of sparsity parameter on the overall F-score. Changing the sparsity β_0 (x-axis, $\beta_0 < 0$, $|\beta_0|$ is shown) parameter while keeping the other parameters fixed, the average performance across 3 cell types based on F-score of top 200 edges on simulated dataset 1.

og0.05, pm0.55, b0.005	on simulated data to												
· ·	pg0.05, pm0.55, b0.01	pg0.05, pm0.55, b0.05	pg0.05, pm0.55, b0.1	pg0.05, pm0.55, b0.5	pg0.05, pm0.55, b1	pg0.05, pm0.6, b0.005	pg0.05, pm0.6, b0.01	pg0.05, pm0.6, b0.05	pg0.05, pm0.6, b0.1	pg0.05, pm0.6, b0.5	pg0.05, pm0.6, b1	pg0.05, pm0.65, b0.005	
******	*******	and the second	*********	and a second	and the second	and the second second	~~~~~~	*****		*******		********	******
nd0.05 nm0.65 b0.05												pg0.05, pm0.75, b0.05	no0.05 nm0.75
	and and a			mon	*******	******	more.			and the second		mana .	
										pg0.05, pm0.85, b0.05	pg0.05, pm0.85, b0.1	pg0.05, pm0.85, b0.5	pg0.05, pm0.8
********		*********		~~~~	********		-	A	******			and a second	
pa0.05. pm0.9. b0.005	pq0.05, pm0.9, b0.01	pa0.05, pm0.9, b0.05	pq0.05, pm0.9, b0.1	pq0.05, pm0.9, b0.5	pq0.05, pm0.9, b1	pg0.1, pm0.55, b0.005	pa0.1, pm0.55, b0.01	pa0.1, pm0.55, b0.05	pq0.1, pm0.55, b0.1	pq0.1, pm0.55, b0.5	pg0.1. pm0.55, b1	pg0.1, pm0.6, b0.005	pg0.1. pm0.6.

pg0.1, pm0.6, b0.05	pg0.1, pm0.6, b0.1											pg0.1, pm0.7, b0.05	pg0.1, pm0.7
so the second se			*******	*******	******	*******	~~~~·			*******	~~~~	- and a second	~~~
pg0.1 pm0.7 b0.5	na0.1 nm0.7 h1	pg0.1 pm0.75 b0.005	pg0.1 pm0.75 b0.01	ng0 1 nm0 75 h0 05	pd0.1 pm0.75 b0.1	nn0.1 nm0.75 h0.5	nn0.1 nm0.75 h1	pa0.1 pm0.8 b0.005	pg0.1_pm0.8_b0.01	pg0.1_pg0.8_b0.05	pg0.1 pm0.8 b0.1	pg0.1, pm0.8, b0.5	pa0.1 pm0
		********	*******	*****								, , , , , , , , , , , , , , , , , , , 	
					· · · · ••	******					· · · •		
pg0.1, pm0.85, b0.005	pg0.1, pm0.85, b0.01	pg0.1, pm0.85, b0.05	pg0.1, pm0.85, b0.1	pg0.1, pm0.85, b0.5	pg0.1, pm0.85, b1	pg0.1, pm0.9, b0.005	pg0.1, pm0.9, b0.01	pg0.1, pm0.9, b0.05	pg0.1, pm0.9, b0.1	pg0.1, pm0.9, b0.5	pg0.1, pm0.9, b1	pg0.15, pm0.55, b0.005	pg0.15, pm0.5
*******	*******	man		-	******		and a start of a			man	******	m	-
	pgu.15, pmu.55, bu.1											pg0.15, pm0.65, b0.05	pgu.15, pmu.i
and and			*******	••••••			~~~	******			*******	~~~~	-
pg0.15, pm0.65, b0.5	pg0.15, pm0.65, b1	pg0.15, pm0.7, b0.005	pg0.15, pm0.7, b0.01	pg0.15, pm0.7, b0.05	pg0.15, pm0.7, b0.1	pg0.15, pm0.7, b0.5	pg0.15, pm0.7, b1	pg0.15, pm0.75, b0.005	pg0.15, pm0.75, b0.01	pg0.15, pm0.75, b0.05	pg0.15, pm0.75, b0.1	pg0.15, pm0.75, b0.5	pg0.15, pm0
And a		*******	A mart	-	Anna	-		· ·····		· · · · · ·	man	and and a second	
· · · · · ·													
	pg0.15, pm0.8, b0.01		pg0.15, pm0.8, b0.1	pg0.15, pm0.8, b0.5	pg0.15, pm0.8, b1	pg0.15, pm0.85, b0.005	pg0.15, pm0.85, b0.01	pg0.15, pm0.85, b0.05	pg0.15, pm0.85, b0.1	pg0.15, pm0.85, b0.5	pg0.15, pm0.85, b1	pg0.15, pm0.9, b0.005	pg0.15, pm0.
*******	Anteres	mana		*******	*******	******	******	******		******	*******	*******	~~~
no0 15 nm0 9 h0 05	ng0.15 nm0.9 k0.4	pg0.15, pm0.9, b0.5	pg0.15, pm0.9, b1	ng0 2 nm0 55 h0 005	pd0.2 pm0.66 b0.44	pg0.2, pm0.55, b0.05	pg0.2, pm0.55, b0.1	pg0.2, pm0.55, b0.5	pg0.2, pm0.55, b1	pg0.2, pm0.6, b0.005	nd) 2 nm) 6 h0 04	pg0.2, pm0.6, b0.05	pg0.2, pm0.
	P. 00. 10, pr. 10. 3, 00. 1	290.10, pillo.5, D0.5	pgo.ro, pilo.a, o1	P 00.2, pm3.00, 00.005	-30.2, pm0.00, 00.01	P. Ju. 2, priv. 00, 00.05			pyoz, pilo.00, 01	p.go.z., p.mo.o, 00.005	p.go.z., pinto.o, bu.d1	pgv.z, pm0.0, 00.00	Paors, print.
******				*******		******	******	*******				*****	~
pg0.2, pm0.6, b0.5	pg0.2, pm0.6, b1	pg0.2, pm0.65, b0.005	pg0.2, pm0.65, b0.01	pg0.2, pm0.65, b0.05	pg0.2, pm0.65, b0.1	pg0.2, pm0.65, b0.5	pg0.2, pm0.65, b1	pg0.2, pm0.7, b0.005	pg0.2, pm0.7, b0.01	pg0.2, pm0.7, b0.05	pg0.2, pm0.7, b0.1	pg0.2, pm0.7, b0.5	pg0.2, pm0
m	******	******	*****	and the second		Server.	******	******	******		and and	maren.	***
og0.2, pm0.75, b0.005	pg0.2, pm0.75, b0.01	pg0.2, pm0.75, b0.05	pg0.2, pm0.75, b0.1	pg0.2, pm0.75, b0.5	pg0.2, pm0.75, b1	pg0.2, pm0.8, b0.005	pg0.2, pm0.8, b0.01	pg0.2, pm0.8, b0.05	pg0.2, pm0.8, b0.1	pg0.2, pm0.8, b0.5	pg0.2, pm0.8, b1	pg0.2, pm0.85, b0.005	pg0.2, pm0.8
******	******	******		******		******				and the second		******	***
pg0.2, pm0.85, b0.05	pg0.2, pm0.85, b0.1	pg0.2, pm0.85, b0.5	pg0.2, pm0.85, b1	pg0.2, pm0.9, b0.005	pg0.2, pm0.9, b0.01	pg0.2, pm0.9, b0.05	pg0.2, pm0.9, b0.1	pg0.2, pm0.9, b0.5	pg0.2, pm0.9, b1	pg0.25, pm0.55, b0.005	pg0.25, pm0.55, b0.01	pg0.25, pm0.55, b0.05	pg0.25, pm0.
	and a second	1		a server		· ·····	******						
											*****	*****	
pg0.25, pm0.55, b0.5	pg0.25, pm0.55, b1	pg0.25, pm0.6, b0.005	pg0.25, pm0.6, b0.01	pg0.25, pm0.6, b0.05	pg0.25, pm0.6, b0.1	pg0.25, pm0.6, b0.5	pg0.25, pm0.6, b1	pg0.25, pm0.65, b0.005	pg0.25, pm0.65, b0.01	pg0.25, pm0.65, b0.05	pg0.25, pm0.65, b0.1	pg0.25, pm0.65, b0.5	pg0.25, pm0
*****	*****	*****	*****		******	*****	*****	*****	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*****	******	and a second	••
pg0.25, pm0.7, b0.005	pg0.25, pm0.7, b0.01	pg0.25, pm0.7, b0.05	pg0.25, pm0.7, b0.1	pg0.25, pm0.7, b0.5	pg0.25, pm0.7, b1	pg0.25, pm0.75, b0.005	pg0.25, pm0.75, b0.01	ng0 25 nm0 75 h0 05	pa0.25 pm0.75 b0.1	pg0.25, pm0.75, b0.5	pa0.25 pm0.75 b1	ng0.25 nm0.8 b0.005	pg0.25, pm0.8
pgo.20, pmo.7, 00.000	pg0.20, pm0.7, 00.01	pg0.20, pm0.7, 00.00	pg0.20, pm0.7, 00.1	pg0.20, pm0.7, 00.0	pg0.20, pm0.7, 01	pg0.20, pm0.10, 00.000			pgo.zo, pmo.ro, oo.r		pg0.20, pill0.10, 01	pgu.zo, pino.o, bo.ooo	pgo.zo, pinos
		******		and the second s				*****		*****		*****	•+
pg0.25, pm0.8, b0.05	pg0.25, pm0.8, b0.1	pg0.25, pm0.8, b0.5	pg0.25, pm0.8, b1	pg0.25, pm0.85, b0.005	pg0.25, pm0.85, b0.01	pg0.25, pm0.85, b0.05	pg0.25, pm0.85, b0.1	pg0.25, pm0.85, b0.5	pg0.25, pm0.85, b1	pg0.25, pm0.9, b0.005	pg0.25, pm0.9, b0.01	pg0.25, pm0.9, b0.05	pg0.25, pm0
and a second	******	mar	*****	*****		Sec. 1	*****	· · · · · · ·	*****	*****	ميعيهم	*****	~
	pg0.25, pm0.9, b1	pg0.3, pm0.55, b0.005	pg0.3, pm0.55, b0.01	pg0.3, pm0.55, b0.05	pg0.3, pm0.55, b0.1		pg0.3, pm0.55, b1	pg0.3, pm0.6, b0.005	pg0.3, pm0.6, b0.01	pg0.3, pm0.6, b0.05	pg0.3, pm0.6, b0.1	pg0.3, pm0.6, b0.5	pg0.3, pm0
*****		-	****	****	~~~	****	~~~~	· · · · ·	~~~~		*****	••••	•
pg0.3, pm0.65, b0.005	pg0.3, pm0.65, b0.01	pg0.3, pm0.65, b0.05	pg0.3, pm0.65, b0.1	pg0.3, pm0.65, b0.5	pg0.3, pm0.65, b1	pg0.3, pm0.7, b0.005	pg0.3, pm0.7, b0.01	pg0.3, pm0.7, b0.05	pg0.3, pm0.7, b0.1	pg0.3, pm0.7, b0.5	pg0.3, pm0.7, b1	pg0.3, pm0.75, b0.005	pg0.3, pm0.7
	ميعيد	معمده		and a second									
						*****		~~	· · · · ·		*****		
			معمو			*****	****	~~	~~	~~~	****	****	-
pg0.3, pm0.75, b0.05	pg0.3, pm0.75, b0.1	pg0.3, pm0.75, b0.5	pg0.3, pm0.75, b1	pg0.3, pm0.8, b0.005	pg0.3, pm0.8, b0.01	pg0.3, pm0.8, b0.05	pg0.3, pm0.8, b0.1	pg0.3, pm0.8, b0.5	pg0.3, pm0.8, b1	pg0.3, pm0.85, b0.005	pg0.3, pm0.85, b0.01	pg0.3, pm0.85, b0.05	pg0.3, pm0.8
pg0.3, pm0.75, b0.05	pg0.3, pm0.75, b0.1	pg0.3, pm0.75, b0.5	pg0.3, pm0.75, b1		pg0.3, pm0.8, b0.01				pg0.3, pm0.8, b1	~~~	pg0.3, pm0.85, b0.01	pg0.3, pm0.85, b0.05	pg0.3, pm0.8
*****	****	فيبغو	*****	pg0.3, pm0.8, b0.005	****	pg0.3, pm0.8, b0.05	pg0.3, pm0.8, b0.1	pg0.3, pm0.8, b0.5	*****	pg0.3, pm0.85, b0.005	****	مبنيه	•
pg0.3. pm0.85, b0.5	pg0.3, pm0.75, b0.1 pg0.3, pm0.85, b1	pg0.3, pm0.75, b0.5	pg0.3, pm0.75, b1 pg0.3, pm0.9, b0.01	pg0.3, pm0.8, b0.005	pg0.3, pm0.9, b0.1	pg0.3, pm0.8, b0.05	pg0.3, pm0.8, b0.1	pg0.3, pm0.8, b0.5	*****	pg0.3, pm0.85, b0.005	****	pg0.3. pm0.85, b0.05	•
*****	****	مهمدو	*****	pg0.3, pm0.8, b0.005	****	pg0.3, pm0.8, b0.05	pg0.3, pm0.8, b0.1	pg0.3, pm0.8, b0.5	*****	pg0.3, pm0.85, b0.005	****	مبنيه	•
pg0.3, pm0.85, b0.5	****	مهمدو	pg0.3, pm0.9, b0.01	pg0.3, pm0.8, b0.005	pg0.3, pm0.9, b0.1	pg0.3, pm0.8, b0.05	pg0.3, pm0.8, b0.1	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.005	pg0.35, pm0.56, b0.01	pg0.3, pm0.85, b0.005	pg0.35, pm0.55, b0.1	pg0.35, pm0.55, b0.5	pg0.35, pm0
pg0.3, pm0.85, b0.5	pg0.3, pm0.85, b1	pg0.3, pm0.9, b0.005	pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05	pg0.3, pm0.9, b0.1	pg0.3, pm0.8, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.005	pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1	pg0.3, pm0.85, b0.005	pg0.35, pm0.55, b0.1	pg0.35, pm0.55, b0.5	pg0.35, pm0
pg0.3, pm0.85, b0.5 g0.35, pm0.6, b0.005	pg0.3, pm0.85, b1 pg0.35, pm0.6, b0.01	pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05	pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.5	pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.65, b0.005	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.005 pg0.35, pm0.65, b0.05	pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1	pg0.3, pm0.85, b0.005 pg0.35, pm0.55, b0.05 pg0.35, pm0.65, b0.5	pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005	pg0.35, pm/
pg0.3, pm0.85, b0.5 g0.35, pm0.6, b0.005	pg0.3, pm0.85, b1	pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5	pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05	pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.65, b0.005 pg0.35, pm0.75, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.75, b0.1	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.005 pg0.35, pm0.65, b0.05	pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1	pg0.3, pm0.85, b0.005 pg0.35, pm0.55, b0.05 pg0.35, pm0.65, b0.5	pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005	pg0.35, pm0
pg0.3, pm0.85, b0.5 g0.35, pm0.6, b0.005	pg0.3, pm0.85, b1 pg0.35, pm0.6, b0.01	pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05	pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.5	pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.65, b0.005	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.005 pg0.35, pm0.65, b0.05	pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1	pg0.3, pm0.85, b0.005 pg0.35, pm0.55, b0.05 pg0.35, pm0.65, b0.5	pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005	pg0.35, pm0
pg0.3, pm0.85, b0.5 rg0.35, pm0.6, b0.005 pg0.35, pm0.7, b0.05	pg0.3, pm0.85, b1 pg0.35, pm0.6, b0.01 pg0.35, pm0.7, b0.1	pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5	pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1 pg0.35, pm0.7, b1	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.75, b0.005	pg0.3, pm0.9, b0.1 pg0.36, pm0.6, b1 pg0.35, pm0.75, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.65, b0.005 pg0.35, pm0.75, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.75, b0.1	pg0.3, pm0.8, b0.5 pg0.35, pm0.65, b0.005 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.5	pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.75, b1	pg0.3, pm0.85, b0.005 pg0.35, pm0.55, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.005	pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1 pg0.35, pm0.8, b0.01	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.8, b0.05	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0
pg0.3, pm0.85, b0.5 rg0.35, pm0.6, b0.005 pg0.35, pm0.7, b0.05	pg0.3, pm0.85, b1 pg0.35, pm0.6, b0.01	pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5 pg0.35, pm0.85, b0.005	pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1 pg0.35, pm0.7, b1 pg0.35, pm0.85, b0.01	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.36, pm0.6, b0.05 pg0.35, pm0.85, b0.005 pg0.35, pm0.85, b0.05	pg0.3, pm0.9, b0.1 pg0.36, pm0.6, b1 pg0.36, pm0.75, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.95, b0.005 pg0.35, pm0.85, b0.005 pg0.35, pm0.85, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.75, b0.1	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.005 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.5	pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.75, b1	pg0.3, pm0.85, b0.005 pg0.35, pm0.55, b0.05 pg0.35, pm0.65, b0.5 pg0.35, pm0.65, b0.05 pg0.35, pm0.8, b0.05	pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.8, b0.05 pg0.35, pm0.9, b0.5	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0
pg0.3, pm0.85, b0.5 g0.35, pm0.6, b0.005 og0.36, pm0.7, b0.05 pg0.36, pm0.8, b0.5	pg0.3; pm0.8; b1 pg0.36; pm0.6; b0.01 pg0.36; pm0.7; b0.1 pg0.36; pm0.8; b1	pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.36, pm0.7, b0.5 pg0.35, pm0.85, b0.005	pg0.3, pm0.9, b0.01 pg0.36, pm0.6, b0.1 pg0.36, pm0.7, b1 pg0.35, pm0.85, b0.01	pg0.3; pm0.8; b0.005 pg0.3; pm0.9; b0.05 pg0.35; pm0.6; b0.5 pg0.35; pm0.75; b0.005 pg0.35; pm0.85; b0.05	pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.75, b0.01 pg0.35, pm0.85, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.75, b0.05 pg0.35, pm0.75, b0.05 pg0.35, pm0.85, b0.5	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.85, b0.01 pg0.35, pm0.75, b0.1 pg0.35, pm0.85, b1	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.005 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.5 pg0.35, pm0.7, b0.5	pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1 pg0.36, pm0.75, b1 pg0.35, pm0.9, b0.01	pg0.3, pm0.85, b0.05 pg0.35, pm0.55, b0.05 pg0.35, pm0.65, b0.5 pg0.35, pm0.6, b0.05 pg0.35, pm0.8, b0.05	pg0.35, pm0.55, b0.1 pg0.36, pm0.65, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.9, b0.1	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.9, b0.05 pg0.35, pm0.9, b0.5	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0
pg0.3, pm0.85, b0.5 g0.35, pm0.6, b0.005 og0.36, pm0.7, b0.05 pg0.36, pm0.8, b0.5	pg0.3, pm0.85, b1 pg0.35, pm0.6, b0.01 pg0.35, pm0.7, b0.1	pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5 pg0.35, pm0.85, b0.005	pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1 pg0.35, pm0.7, b1 pg0.35, pm0.85, b0.01	pg0.3, pm0.8, b0.005 pg0.3, pm0.9, b0.05 pg0.36, pm0.6, b0.05 pg0.35, pm0.85, b0.005 pg0.35, pm0.85, b0.05	pg0.3, pm0.9, b0.1 pg0.36, pm0.6, b1 pg0.35, pm0.75, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.95, b0.005 pg0.35, pm0.85, b0.005 pg0.35, pm0.85, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.75, b0.1	pg0.3, pm0.8, b0.5 pg0.35, pm0.85, b0.005 pg0.35, pm0.85, b0.05 pg0.35, pm0.75, b0.5 pg0.35, pm0.9, b0.005	pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.75, b1 pg0.35, pm0.9, b0.01	pg0.3, pm0.85, b0.005 pg0.35, pm0.55, b0.05 pg0.35, pm0.65, b0.5 pg0.35, pm0.65, b0.05 pg0.35, pm0.8, b0.05	pg0.35, pm0.55, b0.1 pg0.35, pm0.85, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.9, b0.1	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.9, b0.05 pg0.35, pm0.9, b0.5	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0
pg0.3, pm0.85, b0.5 g0.35, pm0.6, b0.005 og0.36, pm0.7, b0.05 pg0.36, pm0.8, b0.5	pg0.3; pm0.8; b1 pg0.36; pm0.6; b0.01 pg0.36; pm0.7; b0.1 pg0.36; pm0.8; b1	pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.36, pm0.7, b0.5 pg0.35, pm0.85, b0.005	pg0.3, pm0.9, b0.01 pg0.36, pm0.6, b0.1 pg0.36, pm0.7, b1 pg0.35, pm0.85, b0.01	pg0.3; pm0.8; b0.005 pg0.3; pm0.9; b0.05 pg0.35; pm0.6; b0.5 pg0.35; pm0.75; b0.005 pg0.35; pm0.85; b0.05	pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.75, b0.01 pg0.35, pm0.85, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.75, b0.05 pg0.35, pm0.75, b0.05 pg0.35, pm0.85, b0.5	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.85, b0.01 pg0.35, pm0.75, b0.1 pg0.35, pm0.85, b1	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.005 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.5 pg0.35, pm0.9, b0.05	pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1 pg0.36, pm0.75, b1 pg0.35, pm0.9, b0.01	pg0.3, pm0.85, b0.05 pg0.35, pm0.55, b0.05 pg0.35, pm0.65, b0.5 pg0.35, pm0.6, b0.05 pg0.35, pm0.8, b0.05	pg0.35, pm0.55, b0.1 pg0.36, pm0.65, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.9, b0.1	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.9, b0.05 pg0.35, pm0.9, b0.5	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0
pg0.3, pm0.85, b0.5 g0.35, pm0.6, b0.005 pg0.35, pm0.7, b0.05 pg0.35, pm0.8, b0.5 g0.4, pm0.55, b0.005	pg0.3, pm0.8, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.7, b0.1 pg0.35, pm0.8, b1 pg0.4, pm0.55, b0.01	pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5 pg0.35, pm0.85, b0.005 pg0.4, pm0.55, b0.05	pg0.3, pm0.8, 60.01 pg0.35, pm0.6, 60.1 pg0.35, pm0.7, 61 pg0.35, pm0.85, 60.01 pg0.4, pm0.55, 60.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.05 pg0.35, pm0.4, b0.5 pg0.35, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.4, pm0.85, b0.5	pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.75, b0.01 pg0.35, pm0.85, b0.1 pg0.35, pm0.85, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.85, b0.005 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.4, pm0.8, b0.005	pg0.3, pm0.8, b.0.1 pg0.3, pm0.9, b.1 pg0.35, pm0.85, b.0.91 pg0.35, pm0.85, b.0.1 pg0.35, pm0.85, b.1 pg0.4, pm0.6, b.0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.56, b0.05 pg0.35, pm0.56, b0.05 pg0.35, pm0.76, b0.5 pg0.35, pm0.9, b0.005 pg0.4, pm0.8, b0.05	pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1 pg0.36, pm0.75, b1 pg0.35, pm0.75, b1 pg0.35, pm0.9, b0.01 pg0.4, pm0.6, b0.1	pg0.3, pm0.85, b0.005 pg0.35, pm0.55, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05	pg0.35, pm0.55, b0.1 pg0.35, pm0.85, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.8, b0.1 pg0.4, pm0.8, b1	pg0.35, pm0.55, b0.05 pg0.35, pm0.7, b0.05 pg0.35, pm0.9, b0.05 pg0.36, pm0.9, b0.5	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.35, pm pg0.35, pm
pg0.3, pm0.85, b0.5 g0.35, pm0.6, b0.005 g0.35, pm0.7, b0.05 pg0.35, pm0.8, b0.5 g0.4, pm0.85, b0.005	pg0.3; pm0.8; b1 pg0.36; pm0.6; b0.01 pg0.36; pm0.7; b0.1 pg0.36; pm0.8; b1	pg0.3, pm0.8, b0.05 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5 pg0.35, pm0.85, b0.05 pg0.4, pm0.65, b0.05	pg0.3, pm0.9, b0.01 pg0.36, pm0.6, b0.1 pg0.36, pm0.7, b1 pg0.35, pm0.85, b0.01	pg0.3; pm0.8; b0.005 pg0.3; pm0.9; b0.05 pg0.35; pm0.6; b0.5 pg0.35; pm0.75; b0.005 pg0.35; pm0.85; b0.05	pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.75, b0.01 pg0.35, pm0.85, b0.1 pg0.35, pm0.85, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.9, b0.5 pg0.35, pm0.75, b0.05 pg0.35, pm0.75, b0.05 pg0.4, pm0.6, b0.05	pg0.3, pm0.8, b.0.1 pg0.3, pm0.9, b.1 pg0.35, pm0.95, b.0.01 pg0.35, pm0.85, b.0.1 pg0.35, pm0.85, b.1 pg0.4, pm0.6, b.0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.55, b0.005 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.5 pg0.35, pm0.7, b0.5	pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1 pg0.36, pm0.75, b1 pg0.35, pm0.9, b0.01	pg0.35, pm0.85, b0.005 pg0.36, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.005 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.35, pm0.55, b0.1 pg0.35, pm0.8, b0.01 pg0.35, pm0.9, b0.1 pg0.4, pm0.6, b1 pg0.4, pm0.75, b0.01	pg0.35, pm0.55, b0.05 pg0.35, pm0.7, b0.05 pg0.35, pm0.9, b0.05 pg0.36, pm0.9, b0.5	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0,6
pg0.3, pm0.85, b0.5 g0.35, pm0.6, b0.005 pg0.35, pm0.7, b0.05 pg0.35, pm0.8, b0.5 g0.4, pm0.55, b0.005	pg0.3, pm0.8, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.7, b0.1 pg0.35, pm0.8, b1 pg0.4, pm0.55, b0.01	pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5 pg0.35, pm0.85, b0.005 pg0.4, pm0.55, b0.05	pg0.3, pm0.8, 60.01 pg0.35, pm0.6, 60.1 pg0.35, pm0.7, 61 pg0.35, pm0.85, 60.01 pg0.4, pm0.55, 60.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.05 pg0.35, pm0.4, b0.5 pg0.35, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.4, pm0.85, b0.5	pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.75, b0.01 pg0.35, pm0.85, b0.1 pg0.35, pm0.85, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.9, b0.5 pg0.35, pm0.85, b0.005 pg0.35, pm0.85, b0.05 pg0.4, pm0.8, b0.005	pg0.3, pm0.8, b.0.1 pg0.3, pm0.9, b.1 pg0.35, pm0.85, b.0.91 pg0.35, pm0.85, b.0.1 pg0.35, pm0.85, b.1 pg0.4, pm0.6, b.0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.56, b0.05 pg0.35, pm0.56, b0.05 pg0.35, pm0.76, b0.5 pg0.35, pm0.9, b0.005 pg0.4, pm0.8, b0.05	pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1 pg0.36, pm0.75, b1 pg0.35, pm0.75, b1 pg0.35, pm0.9, b0.01 pg0.4, pm0.6, b0.1	pg0.3, pm0.85, b0.005 pg0.35, pm0.55, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05	pg0.35, pm0.55, b0.1 pg0.35, pm0.85, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.8, b0.1 pg0.4, pm0.8, b1	pg0.35, pm0.55, b0.05 pg0.35, pm0.7, b0.05 pg0.35, pm0.9, b0.05 pg0.36, pm0.9, b0.5	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0,6
pg0.35, pm0.85, b0.5 g0.35, pm0.8, b0.005 g0.35, pm0.7, b0.05 g0.35, pm0.8, b0.5 g0.4, pm0.55, b0.005 g0.4, pm0.65, b0.05	pg0.3, pm0.8, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.7, b0.1 pg0.35, pm0.8, b1 pg0.4, pm0.55, b0.01	pg0.3, pm0.8, b0.05 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5 pg0.35, pm0.85, b0.05 pg0.4, pm0.85, b0.05	pg0.3, pm0.8, 60.01 pg0.35, pm0.6, 60.1 pg0.35, pm0.7, 61 pg0.35, pm0.85, 60.01 pg0.4, pm0.55, 60.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.05 pg0.35, pm0.4, b0.5 pg0.35, pm0.8, b0.05 pg0.35, pm0.85, b0.05 pg0.4, pm0.85, b0.5	pg0.3, pm0.9, b0.1 pg0.35, pm0.8, b1 pg0.35, pm0.75, b0.01 pg0.35, pm0.85, b0.1 pg0.4, pm0.55, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.9, b0.5 pg0.35, pm0.75, b0.05 pg0.35, pm0.75, b0.05 pg0.4, pm0.6, b0.05	pg0.3, pm0.8, b.0.1 pg0.3, pm0.9, b.1 pg0.35, pm0.95, b.0.01 pg0.35, pm0.85, b.0.1 pg0.35, pm0.85, b.1 pg0.4, pm0.6, b.0.01	pg0.3, pm0.8, b0.5 pg0.35, pm0.56, b0.05 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.5 pg0.35, pm0.8, b0.05 pg0.4, pm0.6, b0.05	pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.75, b1 pg0.36, pm0.0, b0.01 pg0.4, pm0.6, b0.1	pg0.35, pm0.85, b0.005 pg0.36, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.005 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.35, pm0.56, b0.1 pg0.35, pm0.8, b0.01 pg0.35, pm0.9, b0.1 pg0.4, pm0.9, b0.1 pg0.4, pm0.75, b0.01	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.9, b0.05 pg0.35, pm0.9, b0.05 pg0.4, pm0.95, b0.05 pg0.4, pm0.75, b0.05	pg0.35, pm2 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.4, pm0.6
pg0.3, pm0.85, b0.5 g0.35, pm0.6, b0.005 g0.35, pm0.7, b0.05 pg0.35, pm0.8, b0.5 g0.4, pm0.55, b0.005 g0.4, pm0.85, b0.05	pg0.3, pm0.85, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.7, b0.1 pg0.36, pm0.7, b0.1 pg0.4, pm0.65, b0.01 pg0.4, pm0.65, b0.1	pg0.3, pm0.6, b0.05 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5 pg0.35, pm0.85, b0.05 pg0.4, pm0.55, b0.05	pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1 pg0.35, pm0.7, b1 pg0.35, pm0.85, b0.01 pg0.4, pm0.85, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.75, b0.05 pg0.4, pm0.75, b0.05 pg0.4, pm0.7, b0.005	pg0.3, pm0.9, b0.1 pg0.35, pm0.8, b1 pg0.35, pm0.75, b0.01 pg0.35, pm0.85, b0.1 pg0.4, pm0.55, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.75, b0.05 pg0.35, pm0.75, b0.05 pg0.4, pm0.8, b0.005 pg0.4, pm0.7, b0.05	pg0.3, pm0.8, b.0.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.75, b0.1 pg0.4, pm0.8, b1 pg0.4, pm0.8, b0.01	pg0.3, pm0.8, b.0.5 pg0.35, pm0.85, b.0.05 pg0.35, pm0.75, b0.5 pg0.35, pm0.75, b0.5 pg0.35, pm0.75, b0.5 pg0.4, pm0.8, b0.05 pg0.4, pm0.7, b0.5	pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.75, b1 pg0.36, pm0.0, b0.01 pg0.4, pm0.6, b0.1	pq0.3, pm0.85, b0.005 pq0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.34, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.35, pm0.56, b0.1 pg0.35, pm0.8, b0.01 pg0.35, pm0.9, b0.1 pg0.4, pm0.9, b0.1 pg0.4, pm0.75, b0.01	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.9, b0.05 pg0.35, pm0.9, b0.05 pg0.4, pm0.95, b0.05 pg0.4, pm0.75, b0.05	pg0.35, pm2 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.4, pm0.6
1903, pm3, 5, 505 9035, pm3, 5, 505 9035, pm3, 5, 505 9035, pm3, 5, 505 904, pm3, 5, 505 904, pm3, 5, 505	pg0.3, pm0.85, b1 pg0.35, pm0.6, b0.01 pg0.35, pm0.7, b0.1 pg0.35, pm0.7, b0.1 pg0.4, pm0.55, b0.01 pg0.4, pm0.55, b0.01 pg0.4, pm0.55, b1	pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.4, b0.05 pg0.35, pm0.48, b0.005 pg0.4, pm0.56, b0.05 pg0.4, pm0.68, b0.05	pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1 pg0.35, pm0.7, b1 pg0.35, pm0.85, b0.01 pg0.4, pm0.85, b0.1 pg0.4, pm0.85, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.6, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.4, pm0.75, b0.005 pg0.4, pm0.7, b0.005	pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.75, b0.01 pg0.45, pm0.85, b1 pg0.4, pm0.55, b1 pg0.4, pm0.7, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.05 pg0.35, pm0.85, b0.5 pg0.4, pm0.6, b0.05 pg0.4, pm0.8, b0.5	pg0.3, pm0.8, b.1 pg0.3, pm0.9, b.1 pg0.35, pm0.85, b.0.1 pg0.35, pm0.75, b.0.1 pg0.4, pm0.8, b.1 pg0.4, pm0.8, b.1	pg0.3, pm0.8, b0.00 pg0.35, pm0.55, b0.005 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.5 pg0.36, pm0.8, b0.005 pg0.4, pm0.6, b0.005 pg0.4, pm0.8, b0.005	pg0.35, pm0.55, b.0.01 pg0.35, pm0.65, b.0.1 pg0.35, pm0.75, b1 pg0.35, pm0.0, b0.01 pg0.4, pm0.6, b0.1 pg0.4, pm0.7, b1	pg0.3, pm0.85, b0.005 pg0.35, pm0.85, b0.005 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1 pg0.35, pm0.8, b0.01 pg0.36, pm0.8, b0.01 pg0.4, pm0.8, b1 pg0.4, pm0.85, b0.01	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.8, b0.05 pg0.36, pm0.8, b0.05 pg0.4, pm0.65, b0.05 pg0.4, pm0.75, b0.05	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.4, pm0.6 pg0.4, pm0.1
1993 3, pm3 8, b05 1993 3, pm3 8, b05 1993 36, pm3 8, b05 1993 36, pm3 8, b05 1993 4, pm3 5, b036 1994 4, pm3 55, b036	pg0.3, pm0.85, b1 pg0.35, pm0.6, b0.01 pg0.35, pm0.7, b0.1 pg0.35, pm0.7, b0.1 pg0.4, pm0.55, b0.01 pg0.4, pm0.55, b0.01 pg0.4, pm0.55, b1	pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.4, b0.05 pg0.35, pm0.48, b0.005 pg0.4, pm0.56, b0.05 pg0.4, pm0.68, b0.05	pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.1 pg0.35, pm0.7, b1 pg0.35, pm0.85, b0.01 pg0.4, pm0.85, b0.1 pg0.4, pm0.85, b1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.8, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.75, b0.01 pg0.35, pm0.75, b0.01 pg0.4, pm0.85, b1 pg0.4, pm0.8, b0.1 pg0.4, pm0.8, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.75, b0.05 pg0.35, pm0.75, b0.05 pg0.4, pm0.8, b0.005 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.8, b.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.75, b0.1 pg0.4, pm0.8, b1 pg0.4, pm0.8, b1 pg0.4, pm0.8, b1	990.3, pm0.8, b.0.5 990.35, pm0.55, b.0.05 990.35, pm0.75, b.0.5 990.35, pm0.7, b.0.5 990.4, pm0.7, b.0.5 990.4, pm0.7, b.0.5	pg0.35, pm0.55, b0.01 pg0.35, pm0.75, b1 pg0.35, pm0.75, b1 pg0.35, pm0.75, b1 pg0.4, pm0.6, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.85, b0.01	pg0.3, pm0.85, b0.005 pg0.35, pm0.85, b0.005 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1 pg0.35, pm0.8, b0.01 pg0.36, pm0.8, b0.01 pg0.4, pm0.8, b1 pg0.4, pm0.85, b0.01	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.9, b0.05 pg0.35, pm0.9, b0.05 pg0.4, pm0.95, b0.05 pg0.4, pm0.75, b0.05	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.4, pm0.6 pg0.4, pm0.1
pg0.3, pm0.8, b0.5 pg0.35, pm0.6, b0.066 pg0.36, pm0.7, b0.066 pg0.4, pm0.56, b0.056 pg0.4, pm0.55, b0.056 pg0.4, pm0.55, b0.05	pg0.3, pm0.85, b1 pg0.35, pm0.6, b0.01 pg0.35, pm0.7, b0.1 pg0.35, pm0.7, b0.1 pg0.4, pm0.55, b0.01 pg0.4, pm0.55, b0.01 pg0.4, pm0.55, b1	pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.4, b0.05 pg0.35, pm0.48, b0.005 pg0.4, pm0.56, b0.05 pg0.4, pm0.68, b0.05	pg0.3, pm0.9, b0.01 pg0.36, pm0.6, b0.1 pg0.36, pm0.6, b0.1 pg0.35, pm0.7, b1 pg0.35, pm0.85, b0.01 pg0.4, pm0.85, b0.01 pg0.4, pm0.8, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.6, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.4, pm0.75, b0.005 pg0.4, pm0.7, b0.005	pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.75, b0.01 pg0.35, pm0.75, b0.01 pg0.4, pm0.85, b1 pg0.4, pm0.8, b0.1 pg0.4, pm0.8, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.75, b0.05 pg0.35, pm0.75, b0.05 pg0.4, pm0.8, b0.005 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.8, b.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.75, b0.1 pg0.4, pm0.8, b1 pg0.4, pm0.8, b1 pg0.4, pm0.8, b1	pg0.3, pm0.8, b0.00 pg0.35, pm0.55, b0.005 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.5 pg0.36, pm0.8, b0.005 pg0.4, pm0.6, b0.005 pg0.4, pm0.8, b0.005	pg0.35, pm0.55, b0.01 pg0.35, pm0.75, b1 pg0.35, pm0.75, b1 pg0.35, pm0.75, b1 pg0.4, pm0.6, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.85, b0.01	pg0.3, pm0.85, b0.005 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1 pg0.35, pm0.8, b0.01 pg0.4, pm0.8, b0.1 pg0.4, pm0.8, b0.1 pg0.4, pm0.75, b0.01 pg0.4, pm0.55, b0.1	pg0.35, pm0.35, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.9, b0.05 pg0.36, pm0.9, b0.05 pg0.4, pm0.65, b0.05 pg0.4, pm0.75, b0.05 pg0.4, pm0.65, b0.05	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.4, pm0.6 pg0.4, pm0.1
993.3, pm0.8, 50.5 993.35, pm0.8, 50.50 993.35, pm0.7, 50.00 993.45, pm0.7, 50.00 993.4, pm0.55, 50.00 993.4, pm0.75, 50.51	pg0.3, pm0.8, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.7, b0.1 pg0.36, pm0.75, b0.01 pg0.4, pm0.85, b0.01 pg0.4, pm0.75, b1 pg0.4, pm0.75, b1	pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5 pg0.35, pm0.85, b0.005 pg0.4, pm0.85, b0.005 pg0.4, pm0.85, b0.5 pg0.4, pm0.85, b0.5	pg0.3, pm0.9, b0.01 pg0.36, pm0.6, b0.1 pg0.35, pm0.7, b1 pg0.35, pm0.7, b1 pg0.4, pm0.85, b0.01 pg0.4, pm0.85, b1 pg0.4, pm0.8, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.85, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.9, b0.1 pg0.35, pm0.6, b1 pg0.35, pm0.75, b0.01 pg0.35, pm0.75, b0.01 pg0.4, pm0.25, b1 pg0.4, pm0.8, b0.1 pg0.4, pm0.8, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.75, b0.05 pg0.35, pm0.75, b0.05 pg0.4, pm0.8, b0.00 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.8, b.0.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.75, b0.1 pg0.4, pm0.8, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b1 pg0.4, pm0.8, b0.01	990.3, pm0.8, b.0.6 pg0.35, pm0.55, b0.05 pg0.35, pm0.75, b0.5 pg0.35, pm0.75, b0.5 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.55, b0.05	pg0.35, pm0.55, b0.01 pg0.35, pm0.66, b0.1 pg0.35, pm0.76, b1 pg0.35, pm0.76, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.85, b0.01	pq0.3, pm0.85, b0.05 pq0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.85, b0.05	pg0.35, pm0.55, b.1 pg0.35, pm0.85, b.1 pg0.35, pm0.8, b.0.01 pg0.4, pm0.8, b.0.1 pg0.4, pm0.8, b.0.1 pg0.4, pm0.85, b.1	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.9, b0.05 pg0.36, pm0.9, b0.05 pg0.4, pm0.75, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.4, pm0.6 pg0.4, pm0.1 pg0.4, pm0
pg0.3, pm0.8, 50.5 pg0.35, pm0.8, 50.066 rg0.35, pm0.8, 50.066 rg0.35, pm0.8, 50.06 rg0.4, pm0.8, 50.065 rg0.4, pm0.8, 50.065 rg0.4, pm0.8, 50.05	pg0.3, pm0.8, b1 pg0.35, pm0.8, b0.01 pg0.36, pm0.7, b0.1 pg0.36, pm0.8, b1 pg0.4, pm0.65, b0.01 pg0.4, pm0.65, b0.1	pg0.3, pm0.8, b0.005 pg0.36, pm0.4, b0.05 pg0.36, pm0.4, b0.05 pg0.36, pm0.86, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.01 pg0.35, pm0.6, b0.01 pg0.35, pm0.85, b0.01 pg0.4, pm0.85, b0.01 pg0.4, pm0.85, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.9, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.75, b0.05 pg0.4, pm0.75, b0.05 pg0.4, pm0.7, b0.005 pg0.4, pm0.7, b0.005 pg0.4, pm0.7, b0.05	pg0.3, pm0.9, b0.1 pg0.36, pm0.6, b1 pg0.35, pm0.75, b0.01 pg0.35, pm0.75, b0.01 pg0.4, pm0.75, b0.01 pg0.4, pm0.7, b0.01 pg0.4, pm0.9, b1 pg0.4, pm0.9, b1	pg0.3, pm0.8, b0.05 pg0.35, pm0.9, b0.5 pg0.35, pm0.75, b0.05 pg0.35, pm0.75, b0.05 pg0.4, pm0.8, b0.5 pg0.4, pm0.7, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.45, pm0.85, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.45, b0.01 pg0.35, pm0.75, b0.1 pg0.4, pm0.8, b1 pg0.4, pm0.8, b1 pg0.4, pm0.8, b1 pg0.45, pm0.55, b0.1	pg0.3, pm0.8, b0.65 pg0.35, pm0.85, b0.005 pg0.36, pm0.75, b0.65 pg0.35, pm0.75, b0.55 pg0.45, pm0.8, b0.005 pg0.4, pm0.8, b0.005 pg0.45, pm0.85, b0.005	pg0.35, pm0.65, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.75, b1 pg0.35, pm0.7, b1 pg0.4, pm0.6, b0.1 pg0.4, pm0.7, b1 pg0.4, pm0.85, b0.1 pg0.45, pm0.85, b0.1	pg0.3, pm0.85, b0.05 pg0.35, pm0.55, b0.05 pg0.35, pm0.85, b0.5 pg0.35, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.85, b0.05 pg0.45, pm0.55, b0.05	pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1 pg0.35, pm0.8, b0.01 pg0.4, pm0.8, b0.1 pg0.4, pm0.8, b0.1 pg0.4, pm0.8, b0.1 pg0.4, pm0.85, b1 pg0.45, pm0.55, b1	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.7, b0.005 pg0.4, pm0.85, b0.005 pg0.4, pm0.75, b0.05 pg0.4, pm0.75, b0.05 pg0.4, pm0.75, b0.05 pg0.45, pm0.7, b0.05	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.4, pm0.6 pg0.4, pm0 pg0.4, pm0 pg0.45, pm0
1993 3, pm3 85, 50.5 90 35, pm3 8, 50.005 90 35, pm3 8, 50.005 90 35, pm3 8, 50.005 90 34, pm3 8, 50.005 90 4, pm3 8, 50.005 90 90 4, pm3 8, 50.005 90 90 4, pm3 8, 50.005 90 90 4, pm3 8, 50.005	pg0.3, pm0.8, b1 pg0.35, pm0.6, b0.01 pg0.35, pm0.7, b0.1 pg0.35, pm0.7, b0.1 pg0.4, pm0.56, b0.01 pg0.4, pm0.75, b1 pg0.4, pm0.9, b0.01 pg0.4, pm0.9, b0.01	pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5 pg0.35, pm0.7, b0.5 pg0.4, pm0.96, b0.05 pg0.4, pm0.8, b0.005 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.9, b0.01 pg0.35, pm0.8, b0.1 pg0.35, pm0.7, b1 pg0.35, pm0.75, b1 pg0.4, pm0.85, b0.01 pg0.4, pm0.85, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.76, b0.05 pg0.45, pm0.85, b0.05 pg0.4, pm0.7, b0.005 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.9, to.1 pg0.35, pm0.8, b1 pg0.35, pm0.85, b0.01 pg0.45, pm0.85, b0.01 pg0.4, pm0.85, b1 pg0.4, pm0.8, b0.1 pg0.4, pm0.8, b0.1 pg0.4, pm0.8, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.55, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.85, b0.01 pg0.35, pm0.75, b0.1 pg0.4, pm0.8, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.45, pm0.85, b0.01	pg0.3, pm0.8, b0.55 pg0.35, pm0.55, b0.005 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.5 pg0.45, pm0.65, b0.05 pg0.4, pm0.65, b0.05 pg0.45, pm0.85, b0.05 pg0.45, pm0.85, b0.05	pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.75, b1 pg0.36, pm0.75, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.85, b0.01 pg0.45, pm0.85, b0.01 pg0.45, pm0.85, b0.1	pg0.35, pm0.85, b0.005 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.6, b0.05 pg0.4, pm0.75, b0.005 pg0.4, pm0.75, b0.005 pg0.45, pm0.75, b0.005	pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.8, b0.01 pg0.4, pm0.8, b0.1 pg0.4, pm0.85, b0.01 pg0.4, pm0.85, b0.01 pg0.45, pm0.55, b1	993.35, pm3.8, b0.5 993.35, pm3.8, b0.05 993.35, pm3.8, b0.05 993.45, pm3.8, b0.05 993.4, pm3.85, b0.05 993.4, pm3.85, b0.05 993.4, pm3.85, b0.05 993.4, pm3.85, b0.05	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.4, pm0.6 pg0.4, pm0 pg0.4, pm0 pg0.45, pm0
1993 3, pm3 8, 50.5 90 35, pm3 8, 50.05 90 35, pm3 8, 50.05 90 35, pm3 7, 50.05 90 34, pm3 35, 50.05 1993 4, pm3 35, 50.05 1993 4, pm3 35, 50.05 1993 4, pm3 8, 50.05 1993 4, pm3 8, 50.05	pg0.3, pm0.8, b1 pg0.35, pm0.6, b0.01 pg0.35, pm0.7, b0.1 pg0.35, pm0.7, b0.1 pg0.4, pm0.56, b0.01 pg0.4, pm0.75, b1 pg0.4, pm0.9, b0.01 pg0.4, pm0.9, b0.01	pg0.3, pm0.9, b0.005 pg0.35, pm0.6, b0.05 pg0.35, pm0.7, b0.5 pg0.35, pm0.7, b0.5 pg0.4, pm0.96, b0.05 pg0.4, pm0.8, b0.005 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.9, b0.01 pg0.35, pm0.8, b0.1 pg0.35, pm0.7, b1 pg0.35, pm0.75, b1 pg0.4, pm0.85, b0.01 pg0.4, pm0.85, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.76, b0.05 pg0.45, pm0.85, b0.05 pg0.4, pm0.7, b0.005 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.9, to.1 pg0.35, pm0.8, b1 pg0.35, pm0.85, b0.01 pg0.45, pm0.85, b0.01 pg0.4, pm0.85, b1 pg0.4, pm0.8, b0.1 pg0.4, pm0.8, b0.1 pg0.4, pm0.8, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.55, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.85, b0.01 pg0.35, pm0.75, b0.1 pg0.4, pm0.8, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.45, pm0.85, b0.01	pg0.3, pm0.8, b0.55 pg0.35, pm0.55, b0.005 pg0.35, pm0.65, b0.05 pg0.35, pm0.75, b0.5 pg0.45, pm0.65, b0.05 pg0.4, pm0.65, b0.05 pg0.45, pm0.85, b0.05 pg0.45, pm0.85, b0.05	pg0.35, pm0.55, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.75, b1 pg0.36, pm0.75, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.85, b0.01 pg0.45, pm0.85, b0.01 pg0.45, pm0.85, b0.1	pg0.35, pm0.85, b0.005 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.05 pg0.35, pm0.8, b0.05 pg0.4, pm0.6, b0.05 pg0.4, pm0.75, b0.005 pg0.4, pm0.75, b0.005 pg0.45, pm0.75, b0.005	pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.8, b0.01 pg0.4, pm0.8, b0.1 pg0.4, pm0.85, b0.01 pg0.4, pm0.85, b0.01 pg0.45, pm0.55, b1	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.7, b0.005 pg0.4, pm0.85, b0.005 pg0.4, pm0.75, b0.05 pg0.4, pm0.75, b0.05 pg0.4, pm0.75, b0.05 pg0.45, pm0.7, b0.05	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.4, pm0.6 pg0.4, pm0.0 pg0.4, pm0.0 pg0.4, pm0.0 pg0.45, pm0
pg13, pm0 85, b05 pg0 35, pm0 8, b0.006 pg0 35, pm0 8, b0.006 pg0 35, pm0 8, b0.005 pg0 4, pm0 35, b0.005 pg0 4, pm0 35, b0.005 pg0 4, pm0 3, b0.005 pg0 4, pm0 3, b0.005	pg0.3, pm0.8, b1 pg0.35, pm0.8, b0.01 pg0.36, pm0.7, b0.1 pg0.4, pm0.65, b0.01 pg0.4, pm0.65, b0.01 pg0.4, pm0.65, b1.001 pg0.4, pm0.9, b0.01 pg0.45, pm0.8, b0.1	pg0.3, pm0.8, b0.005 pg0.36, pm0.4, b0.05 pg0.36, pm0.7, b0.6 pg0.35, pm0.85, b0.005 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.01 pg0.35, pm0.6, b0.01 pg0.35, pm0.85, b0.01 pg0.4, pm0.85, b0.01 pg0.4, pm0.85, b1 pg0.4, pm0.8, b1 pg0.4, pm0.9, b0.01 pg0.45, pm0.9, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.6, b0.6 pg0.35, pm0.75, b0.05 pg0.4, pm0.75, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.9, b0.1 pg0.36, pm0.6, b1 pg0.35, pm0.75, b0.01 pg0.35, pm0.75, b0.01 pg0.4, pm0.75, b0.01 pg0.4, pm0.9, b1 pg0.4, pm0.9, b1 pg0.45, pm0.65, b0.01	pg0.3, pm0.8, b0.05 pg0.35, pm0.9, b0.5 pg0.35, pm0.75, b0.05 pg0.35, pm0.75, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.45, pm0.85, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.45, b0.01 pg0.35, pm0.75, b0.1 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.45, pm0.55, b0.01 pg0.45, pm0.55, b0.01	pg0.3, pm0.8, b0.65 pg0.35, pm0.85, b0.005 pg0.36, pm0.75, b0.55 pg0.35, pm0.75, b0.55 pg0.45, pm0.8, b0.005 pg0.4, pm0.8, b0.005 pg0.45, pm0.85, b0.005 pg0.45, pm0.85, b0.005	pg0.35, pm0.65, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.75, b1 pg0.35, pm0.7, b1 pg0.4, pm0.6, b0.1 pg0.4, pm0.7, b1 pg0.4, pm0.85, b0.1 pg0.45, pm0.85, b0.1	pg0.3, pm0.85, b0.005 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.5 pg0.35, pm0.8, b0.5 pg0.4, pm0.8, b0.05 pg0.4, pm0.75, b0.005 pg0.45, pm0.7, b0.005	pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1 pg0.35, pm0.8, b0.01 pg0.4, pm0.8, b0.1 pg0.4, pm0.8, b0.1 pg0.4, pm0.75, b0.01 pg0.45, pm0.75, b0.01 pg0.45, pm0.75, b0.01	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.7, b0.005 pg0.4, pm0.85, b0.005 pg0.4, pm0.75, b0.05 pg0.4, pm0.75, b0.05 pg0.4, pm0.75, b0.05 pg0.4, pm0.75, b0.05 pg0.45, pm0.7, b0.05	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.4, pm0.6 pg0.4, pm0.7 pg0.4, pm0 pg0.4, pm0 pg0.4, pm0 pg0.4, pm0 pg0.45, pm0
pg0.3, pm0.8, 50.5 pg0.35, pm0.8, 50.066 pg0.35, pm0.8, 50.066 pg0.35, pm0.8, 50.065 pg0.4, pm0.8, 50.065 pg0.4, pm0.9, 50.055 pg0.4, pm0.9, 50.055 pg0.4, pm0.9, 50.055	pg0.3, pm0.8, b1 pg0.35, pm0.8, b0.01 pg0.36, pm0.7, b0.1 pg0.4, pm0.65, b0.01 pg0.4, pm0.65, b0.01 pg0.4, pm0.65, b1.001 pg0.4, pm0.9, b0.01 pg0.45, pm0.8, b0.1	pg0.3, pm0.8, b0.005 pg0.36, pm0.4, b0.05 pg0.36, pm0.7, b0.6 pg0.35, pm0.85, b0.005 pg0.4, pm0.85, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.9, b0.01 pg0.35, pm0.6, b0.01 pg0.35, pm0.6, b0.01 pg0.35, pm0.85, b0.01 pg0.4, pm0.85, b0.01 pg0.4, pm0.85, b1 pg0.4, pm0.8, b1 pg0.4, pm0.9, b0.01 pg0.45, pm0.9, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.8, b0.05 pg0.35, pm0.6, b0.6 pg0.35, pm0.75, b0.05 pg0.4, pm0.75, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	pg0.3, pm0.9, b0.1 pg0.36, pm0.6, b1 pg0.35, pm0.75, b0.01 pg0.35, pm0.75, b0.01 pg0.4, pm0.75, b0.01 pg0.4, pm0.9, b1 pg0.4, pm0.9, b1 pg0.45, pm0.65, b0.01	pg0.3, pm0.8, b0.05 pg0.35, pm0.9, b0.5 pg0.35, pm0.75, b0.05 pg0.35, pm0.75, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.45, pm0.85, b0.05	pg0.3, pm0.8, b0.1 pg0.3, pm0.9, b1 pg0.35, pm0.45, b0.01 pg0.35, pm0.75, b0.1 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.45, pm0.55, b0.01 pg0.45, pm0.55, b0.01	pg0.3, pm0.8, b0.65 pg0.35, pm0.85, b0.005 pg0.36, pm0.75, b0.55 pg0.35, pm0.75, b0.55 pg0.45, pm0.8, b0.005 pg0.4, pm0.8, b0.005 pg0.45, pm0.85, b0.005 pg0.45, pm0.85, b0.005	pg0.35, pm0.65, b0.01 pg0.35, pm0.65, b0.1 pg0.35, pm0.75, b1 pg0.35, pm0.7, b1 pg0.4, pm0.6, b0.1 pg0.4, pm0.7, b1 pg0.4, pm0.85, b0.1 pg0.45, pm0.85, b0.1	pg0.3, pm0.85, b0.005 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.5 pg0.35, pm0.8, b0.5 pg0.4, pm0.8, b0.05 pg0.4, pm0.75, b0.005 pg0.45, pm0.7, b0.005	pg0.35, pm0.55, b0.1 pg0.35, pm0.65, b1 pg0.35, pm0.8, b0.01 pg0.4, pm0.8, b0.1 pg0.4, pm0.8, b0.1 pg0.4, pm0.75, b0.01 pg0.45, pm0.75, b0.01 pg0.45, pm0.75, b0.01	pg0.35, pm0.55, b0.5 pg0.35, pm0.7, b0.005 pg0.35, pm0.7, b0.005 pg0.4, pm0.85, b0.005 pg0.4, pm0.75, b0.05 pg0.4, pm0.75, b0.05 pg0.4, pm0.75, b0.05 pg0.4, pm0.75, b0.05 pg0.45, pm0.7, b0.05	pg0.35, pm0 pg0.35, pm0. pg0.35, pm0. pg0.35, pm0. pg0.4, pm0.0 pg0.4, pm0.0 pg0.4, pm0.0 pg0.4, pm0.0 pg0.45, pm0.0 pg0.45, pm0.0
1903 J. pm3 85, 50.5 903 J. pm3 85, 50.5 903 J. pm3 8, 50.5 903 J. pm3 7, 50.5 904 J. pm3 8, 50.5 905	pg0.3, pm0.8, b1 pg0.35, pm0.8, b0.01 pg0.35, pm0.7, b0.1 pg0.35, pm0.8, b0.01 pg0.4, pm0.85, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.9, b0.01 pg0.45, pm0.8, b0.01	Pg0.3, pm0.8, b0.005 Pg0.35, pm0.6, b0.05 Pg0.35, pm0.7, b0.5 Pg0.4, pm0.85, b0.05 Pg0.4, pm0.85, b0.5 Pg0.4, pm0.8, b0.05 Pg0.45, pm0.8, b0.05 Pg0.45, pm0.8, b0.05	pg0.3, pm0.9, b0.01 pg0.36, pm0.6, b0.1 pg0.35, pm0.7, b1 pg0.35, pm0.7, b1 pg0.4, pm0.85, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.45, pm0.8, b1 pg0.45, pm0.75, b0.01	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.05 pg0.35, pm0.6, b0.5 pg0.35, pm0.75, b0.05 pg0.4, pm0.75, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.4, pm0.8, b0.05	990.3, pm0.9, b0.1 990.35, pm0.6, b1 990.35, pm0.75, b0.01 990.35, pm0.75, b0.01 990.4, pm0.8, b0.1 990.4, pm0.8, b0.1 990.4, pm0.8, b0.1 990.45, pm0.85, b0.1	pg0.3, pm0.8, b0.05 pg0.3, pm0.9, b0.5 pg0.35, pm0.75, b0.05 pg0.35, pm0.75, b0.05 pg0.4, pm0.85, b0.05 pg0.4, pm0.8, b0.05 pg0.45, pm0.55, b0.05 pg0.45, pm0.55, b0.05	pg0.3, pm0.8, b.0.1 pg0.3, pm0.9, b1 pg0.35, pm0.65, b0.01 pg0.35, pm0.75, b0.1 pg0.45, pm0.85, b1 pg0.4, pm0.8, b0.01 pg0.45, pm0.85, b0.01 pg0.45, pm0.85, b0.01 pg0.45, pm0.85, b0.1	990.3, pm0.8, b.0.5 pg0.35, pm0.55, b0.05 pg0.35, pm0.75, b0.5 pg0.35, pm0.75, b0.5 pg0.45, pm0.8, b0.05 pg0.4, pm0.8, b0.05 pg0.45, pm0.85, b0.05 pg0.45, pm0.85, b0.05 pg0.45, pm0.8, b0.50	pg0.35, pm0.85, b0.01 pg0.35, pm0.85, b0.01 pg0.35, pm0.75, b1 pg0.35, pm0.75, b1 pg0.4, pm0.8, b0.01 pg0.4, pm0.8, b0.01 pg0.4, pm0.85, b0.01 pg0.45, pm0.85, b0.01 pg0.45, pm0.85, b1 pg0.45, pm0.85, b1	pg0.3, pm0.85, b0.005 pg0.35, pm0.85, b0.05 pg0.35, pm0.85, b0.5 pg0.35, pm0.8, b0.5 pg0.4, pm0.8, b0.05 pg0.4, pm0.75, b0.005 pg0.45, pm0.7, b0.005	pg0.35, pm0.85, b.1 pg0.35, pm0.85, b.1 pg0.35, pm0.8, b.0.01 pg0.4, pm0.8, b.0.1 pg0.4, pm0.8, b.0.1 pg0.4, pm0.85, b.1 pg0.45, pm0.55, b.1 pg0.45, pm0.55, b.1	990.35, pm0.55, b0.5 990.35, pm0.7, b0.005 990.35, pm0.9, b0.05 990.36, pm0.9, b0.05 990.4, pm0.95, b0.005 990.4, pm0.75, b0.05 990.45, pm0.8, b0.05 990.45, pm0.8, b0.05 990.45, pm0.8, b0.05	pg0.35, pm0 pg0.35, pm0 pg0.35, pm0 pg0.4, pm0.6 pg0.4, pm0.7 pg0.4, pm0 pg0.4, pm0 pg0.4, pm0 pg0.4, pm0 pg0.45, pm0

Supplementary Figure 47. Effect of p_r parameter on the overall F-score. Changing the p_r parameter while keeping the other parameters fixed, the average performance across 3 cell types based on F-score of top 200 edges on simulated dataset 1.

Fscore comparison pm0.55, pr0.05, b0.005		pm0.55, pr0.05, b0.05	pm0.55, pr0.05, b0.1	pm0.55, pr0.05, b0.5	pm0.55, pr0.05, b1	pm0.55, pr0.1, b0.005	pm0.55, pr0.1, b0.01	pm0.55, pr0.1, b0.05		pm0.55, pr0.1, b0.5		pm0.55, pr0.15, b0.005	
pm0.55, pr0.16, b0.05	pm0.55, pr0.15, b0.1	pm0.55, pr0.15, b0.5	pm0.55, pr0.15, b1	pm0.55, pr0.2, b0.005		pm0.55, pr0.2, b0.05	pm0.55, pr0.2, b0.1	→ pm0.55, pr0.2, b0.5		pm0.55, pr0.25, b0.005		pm0.55, pr0.25, b0.05	pm0.55, pr0.25, b
•••	~~	••••	~	~	••••	****	****	••••	****	****	****	****	
pm0.55, pr0.25, b0.5	pm0.55, pr0.25, b1	pm0.55, pr0.3, b0.005	pm0.55, pr0.3, b0.01	pm0.55, pr0.3, b0.05	pm0.55, pr0.3, b0.1	pm0.55, pr0.3, b0.5	pm0.55, pr0.3, b1	pm0.55, pr0.35, b0.005	pm0.55, pr0.35, b0.01		pm0.55, pr0.35, b0.1	pm0.55, pr0.35, b0.5	pm0.55, pr0.35,
-	pm0.55 pr0.4 b0.01		pm0.55, pr0.4, b0.1		pm0.55, pr0.4, b1	nm0.55 nr0.45 b0.005	pm0.55 pr0.45 b0.01			pm0.55, pr0.45, b0.5		pm0.55, pr0.5, b0.005	nm0.55 nr0.5 b
-					******		*******				*******		·····
pm0.55, pr0.5, b0.05	pm0.55, pr0.5, b0.1	pm0.55, pr0.5, b0.5	pm0.55, pr0.5, b1	pm0.6, pr0.05, b0.005	pm0.6, pr0.05, b0.01	pm0.6, pr0.05, b0.05	pm0.6, pr0.05, b0.1	pm0.6, pr0.05, b0.5	pm0.6, pr0.05, b1	pm0.6, pr0.1, b0.005	pm0.6, pr0.1, b0.01	pm0.6, pr0.1, b0.05	pm0.6, pr0.1, b
	*******	*******	*******	•	•	•	•	•	•	••	`	••	••
pm0.6, pr0.1, b0.5	pm0.6, pr0.1, b1	pm0.6, pr0.15, b0.005	pm0.6, pr0.15, b0.01	pm0.6, pr0.15, b0.05	pm0.6, pr0.15, b0.1	pm0.6, pr0.15, b0.5	pm0.6, pr0.15, b1	pm0.6, pr0.2, b0.005	pm0.6, pr0.2, b0.01	pm0.6, pr0.2, b0.05	pm0.6, pr0.2, b0.1	pm0.6, pr0.2, b0.5	pm0.6, pr0.2,
pm0.6, pr0.25, b0.005	pm0.6, pr0.25, b0.01	pm0.6, pr0.25, b0.05	pm0.6, pr0.25, b0.1	pm0.6, pr0.25, b0.5	pm0.6, pr0.25, b1	pm0.6, pr0.3, b0.005	pm0.6, pr0.3, b0.01	pm0.6, pr0.3, b0.05	pm0.6, pr0.3, b0.1	pm0.6, pr0.3, b0.5	pm0.6, pr0.3, b1	pm0.6, pr0.35, b0.005	pm0.6, pr0.35, b
pm0.6, pr0.35, b0.05	pm0.6, pr0.35, b0.1	pm0.6, pr0.35, b0.5	pm0.6, pr0.35, b1	pm0.6, pr0.4, b0.005	pm0.6, pr0.4, b0.01	pm0.6, pr0.4, b0.05	pm0.6, pr0.4, b0.1	pm0.6, pr0.4, b0.5	pm0.6, pr0.4, b1	pm0.6, pr0.45, b0.005		pm0.6, pr0.45, b0.05	
			pm0.6, pr0.5, b0.01	pm0.6, pr0.5, b0.05	pm0.6, pr0.5, b0.1	pm0.6, pr0.5, b0.5	pm0.6, pr0.5, b1		pm0.65, pr0.05, b0.01			pm0.65, pr0.05, b0.5	
	*******						*******	•	•	•	•	•	
pm0.65, pr0.1, b0.005	pm0.65, pr0.1, b0.01	pm0.65, pr0.1, b0.05	pm0.65, pr0.1, b0.1	pm0.65, pr0.1, b0.5	pm0.65, pr0.1, b1	pm0.65, pr0.15, b0.005	pm0.65, pr0.15, b0.01	pm0.65, pr0.15, b0.05	pm0.65, pr0.15, b0.1	pm0.65, pr0.15, b0.5	pm0.65, pr0.15, b1	pm0.65, pr0.2, b0.005	pm0.65, pr0.2, b
pm0.65, pr0.2, b0.05	pm0.65, pr0.2, b0.1	pm0.65, pr0.2, b0.5	pm0.65, pr0.2, b1	pm0.65, pr0.25, b0.005	pm0.65, pr0.25, b0.01	pm0.65, pr0.25, b0.05	pm0.65, pr0.25, b0.1	pm0.65, pr0.25, b0.5	pm0.65, pr0.25, b1	pm0.65, pr0.3, b0.005	pm0.65, pr0.3, b0.01	pm0.65, pr0.3, b0.05	pm0.65, pr0.3, b
pm0.65, pr0.3, b0.5	pm0.65 pr0.3 b1	pm0.65 pr0.35 b0.005		pm0.65, pr0.35, b0.05	pm0.65 pr0.35 b0.1	pm0.65, pr0.35, b0.5	pm0.65, pr0.35, b1	pm0.65, pr0.4, b0.005	nm0.65 nr0.4 h0.01	pm0.65, pr0.4, b0.05	nm0.65 nr0.4 h0.1	pm0.65, pr0.4, b0.5	pm0.65, pr0.4,
*****	*****	******	•••••	******		•••••	******	******	******	*******	******	••••••	*****
pm0.65, pr0.45, b0.005		pm0.65, pr0.45, b0.05	pm0.65, pr0.45, b0.1	pm0.65, pr0.45, b0.5		pm0.65, pr0.5, b0.005		pm0.65, pr0.5, b0.05	pm0.65, pr0.5, b0.1	pm0.65, pr0.5, b0.5	pm0.65, pr0.5, b1	pm0.7, pr0.05, b0.005	pm0.7, pr0.05, b
pm0.7, pr0.05, b0.05	pm0.7, pr0.05, b0.1	pm0.7, pr0.05, b0.5	pm0.7, pr0.05, b1	pm0.7, pr0.1, b0.005	pm0.7, pr0.1, b0.01	pm0.7, pr0.1, b0.05	pm0.7, pr0.1, b0.1	pm0.7, pr0.1, b0.5			pm0.7, pr0.15, b0.01	pm0.7, pr0.15, b0.05	pm0.7, pr0.15, b
pm0.7, pr0.15, b0.5	pm0.7, pr0.15, b1	pm0.7, pr0.2, b0.005	pm0.7, pr0.2, b0.01	pm0.7, pr0.2, b0.05	pm0.7, pr0.2, b0.1	pm0.7, pr0.2, b0.5	pm0.7, pr0.2, b1	pm0.7, pr0.25, b0.005	pm0.7, pr0.25, b0.01	pm0.7, pr0.25, b0.05	pm0.7, pr0.25, b0.1	pm0.7, pr0.25, b0.5	pm0.7, pr0.25,
pm0.7, pr0.3, b0.005	pm0.7, pr0.3, b0.01	pm0.7, pr0.3, b0.05	pm0.7, pr0.3, b0.1	pm0.7, pr0.3, b0.5	pm0.7, pr0.3, b1	pm0.7, pr0.35, b0.005	pm0.7, pr0.35, b0.01	pm0.7, pr0.35, b0.05	pm0.7, pr0.35, b0.1	pm0.7, pr0.35, b0.5	pm0.7, pr0.35, b1	pm0.7, pr0.4, b0.005	pm0.7, pr0.4, b
pm0.7, pr0.4, b0.05	pm0.7. pr0.4. b0.1	pm0.7, pr0.4, b0.5	pm0.7, pr0.4, b1	pm0.7. pr0.45. b0.005	pm0.7. pr0.45. b0.01	pm0.7. pr0.45. b0.05	pm0.7. pr0.45. b0.1	pm0.7, pr0.45, b0.5	pm0.7, pr0.45, b1	pm0.7, pr0.5, b0.005	pm0.7. pr0.5. b0.01	pm0.7, pr0.5, b0.05	pm0.7, pr0.5, l
******	******		*******	********	••••••						******		
pm0.7, pr0.5, b0.5	pm0.7, pr0.5, b1	pm0.75, pr0.05, b0.005	pm0.75, pr0.05, b0.01	pm0.75, pr0.05, b0.05	pm0.75, pr0.05, b0.1	pm0.75, pr0.05, b0.5	pm0.75, pr0.05, b1	pm0.75, pr0.1, b0.005	pm0.75, pr0.1, b0.01	pm0.75, pr0.1, b0.05	pm0.75, pr0.1, b0.1	pm0.75, pr0.1, b0.5	pm0.75, pr0.1,
pm0.75, pr0.15, b0.005	pm0.75, pr0.15, b0.01	pm0.75, pr0.15, b0.05	pm0.75, pr0.15, b0.1	pm0.75, pr0.15, b0.5	pm0.75, pr0.15, b1	pm0.75, pr0.2, b0.005	pm0.75, pr0.2, b0.01	pm0.75, pr0.2, b0.05	pm0.75, pr0.2, b0.1	pm0.75, pr0.2, b0.5	pm0.75, pr0.2, b1	pm0.75, pr0.25, b0.005	
pm0.75, pr0.25, b0.05	pm0.75, pr0.25, b0.1	pm0.75, pr0.25, b0.5	pm0.75, pr0.25, b1	pm0.75, pr0.3, b0.005	pm0.75, pr0.3, b0.01	pm0.75, pr0.3, b0.05	pm0.75, pr0.3, b0.1	pm0.75, pr0.3, b0.5	pm0.75, pr0.3, b1	pm0.75, pr0.35, b0.005	pm0.75, pr0.35, b0.01	pm0.75, pr0.35, b0.05	pm0.75, pr0.35,
••••	pm0.75, pr0.35, b1	pm0.75, pr0.4, b0.005	pm0.75, pr0.4, b0.01	•••••	•***	••••	******	•••••	••••	*******	••••	••••	pm0.75, pr0.45
pm0.75, pr0.35, b0.5	•••••	••••••••	*******	******	****	pm0.75, pr0.4, b0.5	pm0.75, pr0.4, b1	••••	••••••	*****	• • • • • • • • •	pm0.75, pr0.45, b0.5	philo.76, pro.46
pm0.75, pr0.5, b0.005		pm0.75, pr0.5, b0.05		pm0.75, pr0.5, b0.5	pm0.75, pr0.5, b1	pm0.8, pr0.05, b0.005	pm0.8, pr0.05, b0.01	pm0.8, pr0.05, b0.05	pm0.8, pr0.05, b0.1	pm0.8, pr0.05, b0.5	pm0.8, pr0.05, b1	pm0.8, pr0.1, b0.005	pm0.8, pr0.1, b
pm0.8, pr0.1, b0.05	pm0.8, pr0.1, b0.1	pm0.8, pr0.1, b0.5	pm0.8, pr0.1, b1	pm0.8, pr0.15, b0.005	pm0.8, pr0.15, b0.01	pm0.8, pr0.15, b0.05	pm0.8, pr0.15, b0.1	pm0.8, pr0.15, b0.5	pm0.8, pr0.15, b1	pm0.8, pr0.2, b0.005	pm0.8, pr0.2, b0.01	pm0.8, pr0.2, b0.05	pm0.8, pr0.2, l
pm0.8, pr0.2, b0.5	pm0.8, pr0.2, b1	pm0.8, pr0.25, b0.005	pm0.8, pr0.25, b0.01	pm0.8, pr0.25, b0.05	pm0.8, pr0.25, b0.1	pm0.8, pr0.25, b0.5	pm0.8, pr0.25, b1	pm0.8, pr0.3, b0.005	pm0.8, pr0.3, b0.01	pm0.8, pr0.3, b0.05	pm0.8, pr0.3, b0.1	pm0.8, pr0.3, b0.5	pm0.8, pr0.3,
pm0.8, pr0.35, b0.005		pm0.8, pr0.35, b0.05	pm0.8, pr0.35, b0.1	pm0.8, pr0.35, b0.5	pm0.8, pr0.35, b1	pm0.8, pr0.4, b0.005	pm0.8, pr0.4, b0.01	pm0.8, pr0.4, b0.05	pm0.8, pr0.4, b0.1			pm0.8, pr0.45, b0.005	
••••	•••••	\$	pinos, pio.35, bo. 1	•••••	•••••	*******	******		•••••	pm0.8, pr0.4, b0.5	• • • • • • • •	• • • • • • • • • •	•••••
pm0.8, pr0.45, b0.05		pm0.8, pr0.45, b0.5	pm0.8, pr0.45, b1	pm0.8, pr0.5, b0.005	pm0.8, pr0.5, b0.01	pm0.8, pr0.5, b0.05		pm0.8, pr0.5, b0.5	pm0.8, pr0.5, b1	pm0.85, pr0.05, b0.005	pm0.85, pr0.05, b0.01	pm0.85, pr0.05, b0.05	pm0.85, pr0.05,
pm0.85, pr0.05, b0.5		pm0.85, pr0.1, b0.005	pm0.85, pr0.1, b0.01	pm0.85, pr0.1, b0.05	pm0.85, pr0.1, b0.1	pm0.85, pr0.1, b0.5	pm0.85, pr0.1, b1	pm0.85, pr0.15, b0.005	pm0.85, pr0.15, b0.01	pm0.85, pr0.15, b0.05	pm0.85, pr0.15, b0.1	pm0.85, pr0.15, b0.5	pm0.85, pr0.15
pm0.85, pr0.2, b0.005	• pm0.85, pr0.2, b0.01	pm0.85, pr0.2, b0.05	pm0.85, pr0.2, b0.1	pm0.85, pr0.2, b0.5	pm0.85, pr0.2, b1	→ pm0.85, pr0.25, b0.005	pm0.85, pr0.25, b0.01	pm0.85, pr0.25, b0.05	pm0.85, pr0.25, b0.1	pm0.85, pr0.25, b0.5	pm0.85, pr0.25, b1	pm0.85, pr0.3, b0.005	pm0.85, pr0.3, I
pm0.85, pr0.3, b0.05	pm0.85, pr0.3, b0.1	pm0.85, pr0.3, b0.5	pm0.85, pr0.3, b1	pm0.85, pm 35, 50,005	pm0.85, pr0.35, 50.01	pm0.85, pr0.35, b0.05	pm0.85, pr0.35, b0.1	pm0.85, pr0.35, b0.5	pm0.85, pr0.35, b1	pm0.85, pr0.4, b0.005	pm0.85, pr0.4, b0.01	pm0.85, pr0.4, b0.05	pm0.85. pr0.4.
	*****	*****	*****	•••••	******	******	******	~~~~	******	•••••	******		*****
pm0.85, pr0.4, b0.5	pm0.85, pr0.4, b1	pm0.85, pr0.45, b0.005	pm0.85, pr0.45, b0.01	pm0.85, pr0.45, b0.05		pm0.85, pr0.45, b0.5		pm0.85, pr0.5, b0.005		pm0.85, pr0.5, b0.05		pm0.85, pr0.5, b0.5	pm0.85, pr0.5
pm0.9, pr0.05, b0.005	pm0.9, pr0.05, b0.01	pm0.9, pr0.05, b0.05	pm0.9, pr0.05, b0.1		pm0.9, pr0.05, b1	pm0.9, pr0.1, b0.005	pm0.9, pr0.1, b0.01	pm0.9, pr0.1, b0.05	pm0.9, pr0.1, b0.1	pm0.9, pr0.1, b0.5	pm0.9, pr0.1, b1	pm0.9, pr0.15, b0.005	pm0.9, pr0.15, b
	pm0.9, pr0.15, b0.1	pm0.9, pr0.15, b0.5	pm0.9, pr0.15, b1	pm0.9, pr0.2, b0.005	pm0.9, pr0.2, b0.01	pm0.9, pr0.2, b0.05	pm0.9, pr0.2, b0.1	pm0.9, pr0.2, b0.5			pm0.9, pr0.25, b0.01	pm0.9, pr0.25, b0.05	
pm0.9, pr0.25, b0.5	pm0.9, pr0.25, b1	pm0.9, pr0.3, b0.005	pm0.9, pr0.3, b0.01	pm0.9, pr0.3, b0.05	pm0.9, pr0.3, b0.1	pm0.9, pr0.3, b0.5	pm0.9, pr0.3, b1	pm0.9, pr0.35, b0.005	pm0.9, pr0.35, b0.01	pm0.9, pr0.35, b0.05	pm0.9, pr0.35, b0.1	pm0.9, pr0.35, b0.5	pm0.9, pr0.35,
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	pm0.9, pr0.4, b0.01	pm0.9, pr0.4, b0.05	pm0.9, pr0.4, b0.1	pm0.9, pr0.4, b0.6		pm0.9, pr0.45, b0.00%							
pm0.9, pr0.4, b0.005	******		pm0.9, pr0.4, b0.1				******		A COLORADO			pm0.9, pr0.5, b0.005	

**Supplementary Figure 48.** Effect of  $p_g$  parameter on the overall F-score. Changing the  $p_g$  parameter while keeping the other parameters fixed, the average performance across 3 cell types based on F-score of top 200 edges on simulated dataset 1.

Fscore comparison	on simulated data to	op 200											
pg0.05, pr0.05, b0.005	pg0.05, pr0.05, b0.01	pg0.05, pr0.05, b0.05	pg0.05, pr0.05, b0.1	pg0.05, pr0.05, b0.5	pg0.05, pr0.05, b1	pg0.05, pr0.1, b0.005	pg0.05, pr0.1, b0.01	pg0.05, pr0.1, b0.05	pg0.05, pr0.1, b0.1	pg0.05, pr0.1, b0.5	pg0.05, pr0.1, b1	pg0.05, pr0.15, b0.005	pg0.05, pr0.15, b0.01
0.27		•••••	***			· · · · · ·	1 martin	man		*****	~~~~		and the second
pg0.05, pr0.15, b0.05	pg0.05, pr0.15, b0.1	pg0.05, pr0.15, b0.5	pg0.05, pr0.15, b1	pg0.05, pr0.2, b0.005	pg0.05, pr0.2, b0.01	pg0.05, pr0.2, b0.05	pg0.05, pr0.2, b0.1	pg0.05, pr0.2, b0.5	pg0.05, pr0.2, b1	pg0.05, pr0.25, b0.005	pg0.05, pr0.25, b0.01	pg0.05, pr0.25, b0.05	pg0.05, pr0.25, b0.1
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							pg0.05, pr0.3, b1						
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Supplementary Figure 49. Effect of  $p_m$  parameter on the overall F-score. Changing the  $p_m$  parameter while keeping the other parameters fixed, the average performance across 3 cell types based on F-score of top 200 edges on simulated dataset 1.

# **Supplementary Methods**

## scMTNI learning algorithm

scMTNI learns the graphs for all cell types simultaneously using a greedy graph learning algorithm with a score-based approach. The score is composed of the data likelihood as well as the structure prior (**Equation 1**).

$$P(\mathbf{G}, \boldsymbol{\Theta} | \mathbf{D}) \propto P(\mathbf{D} | \mathbf{G}, \boldsymbol{\Theta}) P(\boldsymbol{\Theta} | \mathbf{G}) P(\mathbf{G})$$
(1)

Our structure learning algorithm begins with M empty graphs for the M cell types and proposes edge additions of possible connections between regulators and targets (Algorithm 1). At each iteration, the algorithm scores a candidate edge from regulator u to target gene v based on the change in pseudo likelihood in Equation (2) and prior distribution P(T) in Equation (3) and P(S) in Equation (5), and selects the one that corresponds to a local optima. The cell type-specific score improvement of adding an edge from regulator u to target gene v for cell type d is computed as below:

$$\Delta \operatorname{Score}_{u \to v}^{(d)} = \log \operatorname{P}(X_v^{(d)} | \mathbf{R}_{\mathbf{X}_v}^{(d)} \cup X_u^{(d)}) - \log \operatorname{P}(X_v^{(d)} | \mathbf{R}_{\mathbf{X}_v}^{(d)}) + \Delta \log \operatorname{P}(T^{(d)})_{u \to v}.$$
(2)

The first two terms are the change in pseudo likelihood, where  $\log P(X_v^{(d)} | \mathbf{R}_{\mathbf{X}_v}^{(d)})$  is the conditional log likelihood of  $X_v^{(d)}$  given its neighbor set  $\mathbf{R}_{\mathbf{X}_v}^{(\mathbf{d})}$  in cell type *d*'s current graph. The third term is the change of the structure prior, computed as:

$$\Delta \log P(T^{(d)})_{u \to v} = \log P(I^{(d)}_{u,v} = 1) - \log P((I^{(d)}_{u,v} = 0).$$
(3)

Since each  $I_{u,v}^{(d)}$  can take 1 or 0, there are totally  $2^M$  possible combinations of  $(I_{u,v}^{(1)}, ..., I_{u,v}^{(M)})$ . To make it efficient, we constrain the candidate configurations that meets the following criteria. Based on the cell lineage tree, scMTNI first generates all paths starting from the root node to each leaf node. For each path, it allows up to 1 transition from edge status of 0 to 1 or 1 to 0. For case with 1 transition, we set root cell type status to be x, choose one of the intermediate cell types to be 1 - x, set its descendants to 1 - x, and set its ancestors to be the same as root. To capture cell type-specific regulation, we also add cell typespecific configurations (i.e. edge present only in one cell type) to the candidate configurations. Among these candidate configurations of edge status across M cell types  $(I_{u,v}^{(1)}, ..., I_{u,v}^{(M)})$ , we computed the score improvement for each configuration and selected the one that gives the highest score improvement computed as below:

$$\Delta \text{Score}_{u \to v} = \sum_{d=1}^{M} (\Delta \text{Score}_{u \to v}^{(d)} * I_{u,v}^{(d)}) + \Delta \log P(\mathbf{S})_{u \to v}, \tag{4}$$

where  $\Delta \log P(\mathbf{S})_{u \to v}$  is computed using (5) as the difference of the prior distribution of current configuration and the prior distribution of the previous configuration before adding this edge.

$$\Delta \log \mathcal{P}(\mathbf{S})_{u \to v} = \mathcal{P}(I_{u,v}^{(1)}, ..., I_{u,v}^{(d)} = 1, ..., I_{u,v}^{(M)}) - \mathcal{P}(I_{u,v}^{(1)}, ..., I_{u,v}^{(d)} = 0, ..., I_{u,v}^{(M)})$$
(5)

#### Algorithm 1 scMTNI algorithm

- 1: Input:
- 2: Cell lineage tree  $\tau$  with M cell types/clusters
- 3: single-cell expression data  $\mathbf{D}^{(\mathbf{d})} = {\mathbf{X}_{\mathbf{1}}^{(\mathbf{d})}, ..., \mathbf{X}_{\mathbf{N}}^{(\mathbf{d})}} \in \mathbf{R}^{N \times C}$  for each cell type/cluster d4: Structure Prior parameters  $\mathbf{S}$ :  $p_r, p_g^{(d)}, p_m^{(d)}$
- 5: Prior parameters for cell-type specific prior,  $\beta_0, \beta_1$
- 6: Prior network for each cell type  $P(\mathbf{T})$
- 7: Output:
- 8: M cell type-specific gene regulatory networks for each cell type
- 9: Algorithm:
- 10: while not converged do
- for  $X_v$  in target gene set **do** 11:
- for  $X_u$  in regulator set **do** 12:
- for cell d in cells do 13:
- Compute score improvement of adding this edge  $X_u^{(d)} \to X_v^{(d)}$  to the current network in cell 14: type d,  $\Delta \text{Score}_{u \to v}^{(d)}$
- end for 15:
- Compute score improvement of different configurations  $\Delta \text{Score}_{u \to v}$  for the edge  $X_u^{(d)} \to X_v^{(d)}$ 16: in all cell types, select the configuration c with the highest score.
- end for 17:
- Select the regulator  $X_{\tilde{u}}$  that gives the highest score improvement and record its configuration  $\tilde{c}$ . 18:
- for cell d in cells do 19:
- if the edge status for cell type d in configuration  $\tilde{c}$  is 1 then 20:
- Add edge  $X_{\tilde{u}}^{(d)} \to X_v^{(d)}$  to the network of cell type d. 21:
- end if 22:
- end for 23:
- end for 24:
- 25: end while

#### Sensitivity of scMTNI to different parameter settings

We examined how the different parameters affect the overall AUPR and F-score by varying one parameter and keeping the others fixed. For AUPR, decreasing the sparsity parameter  $\beta_0$  (i.e. increasing the penalty on adding new edges,  $|\beta_0|$  is shown in the figures ) while keeping the other parameters fixed, the average performance across cell types will generally go up slowly for majority of the  $(p_q, p_m, p_r)$  settings (Supplementary Figure 42). A few exceptions are when  $p_q$  and  $p_r$  are low, which is likely because the networks being learned are too sparse. However, the overall impact of AUPR was minimal and ranged from 0.25 to 0.26. Increasing the  $p_r$  parameter while keeping the other parameters fixed, the average performance generally decreased slightly for settings with smaller  $p_g$  and stayed the same for  $p_g \ge 0.2$  (Supplementary Figure 43). This is also likely due to the fact that the networks are too sparse with a low  $p_q$  and low  $p_r$ . However, here as well the overall change in AUPR was not substantial, ranging from 0.245 to 0.265. Increasing the  $p_a$  parameter while keeping the other parameters fixed, the average performance across cell types does not change substantially; it decreases with increasing  $p_q$  for some settings (e.g.,  $\beta_0 = -0.01, p_m = 0.6, p_r = 0.3$ ) but remain unchanged for most of the settings (Supplementary Figure 44). Finally, increasing the  $p_m$  parameter while keeping the other parameters fixed, the average performance across cell types stayed largely unchanged for most of the settings with a few exceptions for higher  $p_r$  and  $p_m$  where there was a small boost in performance (Supplementary Figure 45).

Next, we computed F-score of top 200 edges and examined how the different parameters affect the overall F-score. The F-score helped to more uniformly compare across different settings as the overall density of the inferred edges can affect performance. Based on F-score, decreasing the sparsity parameter  $\beta_0(\beta_0 < 0)$  had a less discernable pattern and in most cases the performance remained the same. For some cases, there was increase in performance for higher sparsity, especially when  $p_r$  or  $p_m$  was high (**Supplementary Figure 46**). Increasing the  $p_r$  parameter while keeping the other parameters fixed, the average performance across cell types changed in a manner similar to AUPR with a small downward trend with increasing  $p_r$  when  $p_g$  was low (**Supplementary Figure 47**). Increasing the  $p_g$  parameter affected the average performance in a manner similar to AUPR, with a slight decrease in performance across cell types but remaining unchanged for most of the settings (**Supplementary Figure 48**). Finally, increasing the  $p_m$  parameter generally did not affect the average performance for most of the settings with a few exceptions for

Parameter	Dataset 1	Dataset 2	Dataset 3
$p_r$	0.1	0.2	0.4
$p_g$	0.1	0.15	0.35
$p_m$	0.85	0.65	0.9
$\beta_0$	-0.005	-0.005	-0.01
$p_g$	0.15	0.2	0.4
$p_m$	0.6	0.55	0.85
$\beta_0$	-0.01	-0.05	-0.01
$\lambda_s$	35	22	7
$\lambda_p$	35	22	5
$\lambda$	2500	1000	500
$\gamma$	2250	1000	525
$\kappa$	10	1	10
$\beta_0$	-0.5	-0.05	-0.1
$\lambda$	0.03	0.04	0.06
	$\begin{array}{c} p_r \\ p_g \\ p_m \\ \beta_0 \\ \hline p_g \\ p_m \\ \beta_0 \\ \hline \lambda_s \\ \lambda_p \\ \hline \lambda \\ \gamma \\ \kappa \\ \hline \beta_0 \\ \hline \end{array}$	$\begin{array}{c cccc} p_r & 0.1 \\ p_g & 0.1 \\ p_m & 0.85 \\ \hline \beta_0 & -0.005 \\ \hline p_g & 0.15 \\ p_m & 0.6 \\ \hline \beta_0 & -0.01 \\ \hline \lambda_s & 35 \\ \hline \lambda_p & 35 \\ \hline \lambda & 2500 \\ \gamma & 2250 \\ \hline \kappa & 10 \\ \hline \beta_0 & -0.5 \\ \hline \end{array}$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

Supplementary Table 1. Best parameters used for different algorithms on the simulation dataset

higher  $p_r$  and  $p_m$  where there was a small boost in performance (**Supplementary Figure 49**). In general, the sparsity parameter  $\beta_0$  and  $p_r$  parameter affected the performance the most, while  $p_g$  and  $p_m$  parameters did not affect the performance substantially. Overall performance of scMTNI was stable across different parameter configurations (**Supplementary Figure 36**). To compare against methods, we used values across the all different parameter settings (**Supplementary Figure 1, 2**) as well as the best parameter setting (**Supplemental Table 1, Supplementary Figure 1, 2**).

Dataset	# genes	# regu- lators	# cell types	Avg cells	Me	mory	Runtime		
	8		J1		scMTNI	scMTNI+Prior	scMTNI	scMTNI+Prior	
Cellular re-	12,216	2,036	7	329	1.03±0.50	$0.90 {\pm} 0.359$	$0.805 \pm 0.20$	$0.361 {\pm} 0.106$	
programming									
Adult	11,994	1,999	8	346	3.06±0.794	$2.11 \pm 0.594$	$0.637 \pm 0.194$	$0.379 {\pm} 0.80$	
hematopoiesis									
Fetal	16,737	2,195	11	255	$0.523 \pm 0.043$	$0.519{\pm}0.138$	$0.632 \pm 0.325$	$0.286{\pm}0.142$	
hematopoiesis									

**Supplementary Table 2.** Characteristics of real datasets and runtimes of scMTNI and scMNTI+prior. Memory (GB) and runtime (hrs) for 50 genes per run for all cell types together in mouse cellular reprogramming data, human hematopoietic data from Buenrostro et al., and human fetal hematopoiesis data from Ranzoni et al. For memory and runtime, data are presented as mean value +/- SD (number of experiments for cellular reprogramming: n = 12250, adult hematopoiesis: n = 12000, fetal hematopoiesis: n = 16750).