Genes Altered by combination treatment in hBT70 and/or hBT112

[COMPARE_CRITERIA_V2]
$NUM_OPTION_LINE=5
$ARRAY_LIST_FILE=
$COMPARE_ON_GENE_LIST=
$COMPARE_ON_USE_LIST=1
$AVERAGE_USING_STANDARD_ERROR=Yes
$OMIT_AFFY_CONTROL_GENE=Yes
$NUM_CRITERION=6

$Parenthesis	Combine	Baseline	Experiment	E/B>	
$No	and	1,2	3,4		1.5
$No	or	1,2	5,6		1.5
$No	or	1,2	7,8		1.5
$No	or	9,10	11,12		1.5
$No	or	9,10	13,14		1.5
$No	or	9,10	15,16		1.5

[COMPARE_RESULT]

	probe set	gene	Accession	EntrezGene	Description
61	203508_at	tumor necrosis factor receptor superfamily, me	NM_001066	7133	gb:NM_001066.1 /DB_
114	205483_s_at	ISG15 ubiquitin-like modifier	NM_005101	9636	gb:NM_005101.1 /DB_
138	206382_s_at	brain-derived neurotrophic factor	NM_001709	627	gb:NM_001709.1 /DEI
199	209496_at	retinoic acid receptor responder (tazarotene in	BC000069	5919	gb:BC000069.1 /DB_X
207	210036_s_at	potassium voltage-gated channel, subfamily H	AB044806	3757	gb:AB044806.1 /DEF=
393	222150_s_at	hypothetical protein LOC54103	AK026747	54103	Consensus includes gb
1	200678_x_at	granulin	NM_002087	2896	gb:NM_002087.1 /DB_
3	201008_s_at	thioredoxin interacting protein	NM_006472	10628	Consensus includes gb
4	201009_s_at	thioredoxin interacting protein	NM_006472	10628	Consensus includes gb
5	201010_s_at	thioredoxin interacting protein	NM_006472	10628	gb:NM_006472.1 /DB_
8	201125_s_at	integrin, beta 5	NM_002213	3693	gb:NM_002213.1 /DB_
9	201200_at	cellular repressor of E1A-stimulated genes 1	NM_003851	8804	gb:NM_003851.1 /DB_
10	201261_x_at	biglycan	BC002416	633	gb:BC002416.1 /DB_X
12	201286_at	syndecan 1	Z48199	6382	gb:Z48199 /DB_XREF
13	201287_s_at	syndecan 1	NM_002997	6382	gb:NM_002997.1 /DB_
17	201408_at	protein phosphatase 1, catalytic subunit, beta	W67887	5500	Consensus includes gb
19	201506_at	transforming growth factor, beta-induced, 68k	NM_000358	7045	gb:NM_000358.1 /DB_
21	201693_s_at	early growth response 1	NM_001964	1958	Consensus includes gb

23	201744_s_at	lumican	NM_002345	4060	gb:NM_002345.1 /DB
24	201787_at	fibulin 1	NM_001996	2192	gb:NM_001996.1 /DB
25	201882_x_at	UDP-Gal:betaGlcNAc beta 1,4- galactosyltrans	AI492393	2683	Consensus includes gb
26	201893_x_at	decorin	AF138300	1634	gb:AF138300.1 /DB_X
28	202270_at	guanylate binding protein 1, interferon-inducib	NM_002053	2633	gb:NM_002053.1 /DB
29	202274_at	actin, gamma 2, smooth muscle, enteric	NM_001615	72	gb:NM_001615.2 /DB
32	202351_at	integrin, alpha V (vitronectin receptor, alpha p	AI093579	3685	gb:AI093579 /DB_XRE
34	202465_at	procollagen C-endopeptidase enhancer	NM_002593	5118	gb:NM_002593.2 /DB
35	202497_x_at	solute carrier family 2 (facilitated glucose tran	AI631159	6515	Consensus includes gb
37	202575_at	cellular retinoic acid binding protein 2	NM_001878	1382	gb:NM_001878.2 /DB
39	202659_at	proteasome (prosome, macropain) subunit, be	NM_002801	5699	gb:NM_002801.1 /DB
40	202708_s_at	histone 2, H2be	NM_003528	8349	gb:NM_003528.1 /DEI
43	202788_at	mitogen-activated protein kinase-activated pro	NM_004635	7867	gb:NM_004635.1 /DB
44	202834_at	angiotensinogen (serpin peptidase inhibitor, cl	NM_000029	183	gb:NM_000029.1 /DB
47	202949_s_at	four and a half LIM domains 2	NM_001450	2274	gb:NM_001450.1 /DB
48	203017_s_at	synovial sarcoma, X breakpoint 2 interacting p	R52678	117178	gb:R52678 /DB_XREF
49	203059_s_at	3'-phosphoadenosine 5'-phosphosulfate synth	NM_004670	9060	gb:NM_004670.1 /DEI
51	203153_at	interferon-induced protein with tetratricopeptic	NM_001548	3434	gb:NM_001548.1 /DB
52	203186_s_at	S100 calcium binding protein A4 (calcium prot	NM_002961	6275	gb:NM_002961.2 /DEI
59	203485_at	reticulon 1	NM_021136	6252	gb:NM_021136.1 /DB
60	203504_s_at	ATP-binding cassette, sub-family A (ABC1), me	AF285167	19	gb:NM_005502.1 /DEI
63	203650_at	protein C receptor, endothelial (EPCR)	NM_006404	10544	gb:NM_006404.1 /DB
65	203770_s_at	steroid sulfatase (microsomal), arylsulfatase C	NM_000351	412	gb:J04964.1 /DEF=Hu
68	203918_at	protocadherin 1 (cadherin-like 1)	NM_002587	5097	gb:NM_002587.1 /DB
69	204017_at	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulun	NM_006855	11015	gb:NM_006855.2 /DB
70	204041_at	monoamine oxidase B	NM_000898	4129	gb:NM_000898.1 /DEI
71	204058_at	Malic enzyme 1, NADP(+)-dependent, cytosolic	AL049699	4199	gb:AL049699 /DB_XR
75	204222_s_at	GLI pathogenesis-related 1 (glioma)	U16307	11010	gb:NM_006851.1 /DEI
76	204268_at	S100 calcium binding protein A2	NM_005978	6273	gb:NM_005978.2 /DB
80	204498_s_at	adenylate cyclase 9	NM_001116	115	gb:NM_001116.1 /DB
81	204540_at	eukaryotic translation elongation factor 1 alpha	NM_001958	1917	gb:NM_001958.1 /DEI
82	204548_at	steroidogenic acute regulator	NM_000349	6770	gb:NM_000349.1 /DB
85	204592_at	discs, large homolog 4 (Drosophila)	NM_001365	1742	gb:NM_001365.1 /DB
86	204595_s_at	stanniocalcin 1	AI300520	6781	gb:AI300520 /DB_XRE
87	204597_x_at	stanniocalcin 1	NM_003155	6781	gb:NM_003155.1 /DEI
89	204639_at	adenosine deaminase	NM_000022	100	gb:NM_000022.1 /DB

90	204698_at	interferon stimulated exonuclease gene 20kDa	NM_002201	3669	gb:NM_002201.2 /DEI
91	204724_s_at	collagen, type IX, alpha 3	NM_001853	1299	gb:NM_001853.1 /DEI
92	204730_at	regulating synaptic membrane exocytosis 3	NM_014747	9783	gb:NM_014747.1 /DB_
94	204749_at	nucleosome assembly protein 1-like 3	NM_004538	4675	gb:NM_004538.1 /DEI
95	204777_s_at	mal, T-cell differentiation protein	NM_002371	4118	gb:NM_002371.2 /DEI
99	205150_s_at	KIAA0644 gene product	AV724192	9865	gb:AV724192 /DB_XR
100	205151_s_at	KIAA0644 gene product	AV724192	9865	gb:NM_014817.1 /DEI
102	205222_at	enoyl-Coenzyme A, hydratase/3-hydroxyacyl C	NM_001966	1962	gb:NM_001966.1 /DB_
103	205226_at	platelet-derived growth factor receptor-like	NM_006207	5157	gb:NM_006207.1 /DEI
106	205262_at	potassium voltage-gated channel, subfamily H	NM_000238	3757	gb:NM_000238.1 /DB_
112	205440_s_at	neuropeptide Y receptor Y1	NM_000909	4886	gb:NM_000909.1 /DB_
113	205475_at	scrapie responsive protein 1	NM_007281	11341	gb:NM_007281.1 /DEI
118	205579_at	histamine receptor H1	NM_000861	3269	gb:NM_000861.2 /DEI
120	205673_s_at	ankyrin repeat and SOCS box-containing 9	NM_024087	140462	gb:NM_024087.1 /DEI
121	205738_s_at	fatty acid binding protein 3, muscle and heart	NM_004102	2170	gb:NM_004102.2 /DEI
122	205744_at	double C2-like domains, alpha	NM_003586	8448	gb:NM_003586.1 /DB_
124	205774_at	coagulation factor XII (Hageman factor)	NM_000505	2161	gb:NM_000505.2 /DB_
125	205805_s_at	receptor tyrosine kinase-like orphan receptor 1	NM_005012	4919	gb:NM_005012.1 /DB_
128	206074_s_at	high mobility group AT-hook 1	NM_002131	3159	gb:NM_002131.1 /DEI
131	206100_at	carboxypeptidase M	NM_001874	1368	gb:NM_001874.1 /DB_
134	206167_s_at	Rho GTPase activating protein 6	NM_001174	395	gb:NM_001174.2 /DEI
136	206283_s_at	T-cell acute lymphocytic leukemia 1	NM_003189	6886	gb:NM_003189.1 /DB_
139	206432_at	hyaluronan synthase 2	NM_005328	3037	gb:NM_005328.1 /DB_
141	206633_at	cholinergic receptor, nicotinic, alpha 1 (muscle	NM_000079	1134	gb:NM_000079.1 /DB_
142	206653_at	CDNA: FLJ21837 fis, clone HEP01664	BF062139		gb:BF062139 /DB_XR
143	206655_s_at	glycoprotein Ib (platelet), beta polypeptide ///	NM_000407	2812 /// 541	gb:NM_000407.3 /DB_
145	206747_at	gb:NM_014696.1 /DB_XREF=gi:7662165 /GEI	NM_014696		gb:NM_014696.1 /DB_
149	207046_at	histone 2, H4 /// histone H4/o /// similar to ge	NM_003548	554313 /// 6	gb:NM_003548.1 /DEI
152	207264_at	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulun	NM_016657	11015	gb:NM_016657.1 /DB_
153	207265_s_at	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulun	NM_016657	11015	gb:NM_016657.1 /DEI
159	207329_at	matrix metallopeptidase 8 (neutrophil collagen	NM_002424	4317	gb:NM_002424.1 /DB_
165	207954_at	GATA binding protein 2	NM_002050	2624	gb:NM_002050.1 /DB_
169	208176_at	double homeobox, 1	NM_012146	26584	gb:NM_012146.1 /DB_
170	208190_s_at	lipolysis stimulated lipoprotein receptor	NM_015925	51599	gb:NM_015925.1 /DB_
171	208396_s_at	phosphodiesterase 1A, calmodulin-dependent	NM_005019	5136	gb:NM_005019.1 /DEI
172	208399_s_at	endothelin 3	NM_000114	1908	gb:NM_000114.1 /DB_

173	208407_s_at	catenin (cadherin-associated protein), delta 1	NM_001331	1500	gb:NM_001331.1 /DB_
176	208690_s_at	PDZ and LIM domain 1 (elfin)	BC000915	9124	gb:BC000915.1 /DB_)
177	208712_at	cyclin D1	M73554	595	gb:M73554.1 /DB_XRI
178	208886_at	H1 histone family, member 0	BC000145	3005	gb:BC000145.1 /DB_)
180	208998_at	uncoupling protein 2 (mitochondrial, proton ca	U94592	7351	gb:U94592.1 /DB_XRE
181	209019_s_at	PTEN induced putative kinase 1	BF432478	65018	gb:AF316873.1 /DEF=
182	209034_at	proline-rich nuclear receptor coactivator 1	AF279899	10957	gb:AF279899.1 /DB_X
183	209048_s_at	protein kinase C binding protein 1	AB032951	23613	gb:AB032951.1 /DB_)
186	209083_at	coronin, actin binding protein, 1A	U34690	11151	gb:U34690.1 /DB_XRE
187	209101_at	connective tissue growth factor	M92934	1490	gb:M92934.1 /DEF=H
188	209163_at	cytochrome b-561	AL514271	1534	gb:AL514271 /DB_XRI
189	209164_s_at	cytochrome b-561	BC002976	1534	gb:BC002976.1 /DB_)
190	209189_at	v-fos FBJ murine osteosarcoma viral oncogene	BC004490	2353	gb:BC004490.1 /DB_)
191	209201_x_at	chemokine (C-X-C motif) receptor 4	L01639	7852	gb:L01639.1 /DB_XRE
192	209230_s_at	p8 protein (candidate of metastasis 1)	AF135266	26471	gb:AF135266.1 /DEF=
196	209335_at	decorin	BC005322	1634	Consensus includes gb
197	209373_at	mal, T-cell differentiation protein-like	BC003179	7851	gb:BC003179.1 /DEF=
198	209436_at	spondin 1, extracellular matrix protein	AB018305	10418	Consensus includes gb
200	209584_x_at	apolipoprotein B mRNA editing enzyme, cataly	AF165520	27350	gb:AF165520.1 /DB_X
202	209803_s_at	pleckstrin homology-like domain, family A, me	AF001294	7262	gb:AF001294.1 /DB_X
204	209821_at	chromosome 9 open reading frame 26 (NF-HE\	AB024518	90865	gb:AB024518.1 /DB_)
205	209875_s_at	secreted phosphoprotein 1 (osteopontin, bone	M83248	6696	gb:M83248.1 /DB_XRI
209	210171_s_at	cAMP responsive element modulator	S68134	1390	gb:S68134.1 /DB_XRE
210	210215_at	transferrin receptor 2	AF067864	7036	gb:AF067864.1 /DB_X
211	210222_s_at	reticulon 1	BC000314	6252	gb:BC000314.1 /DEF=
212	210301_at	xanthine dehydrogenase	U06117	7498	gb:U06117.1 /DB_XRE
213	210503_at	melanoma antigen family A, 11	BC004479	4110	gb:BC004479.1 /DB_)
217	210683_at	neurturin	AL161995	4902	gb:AL161995.1 /DEF=
221	210883_x_at	ephrin-B3	U57001	1949	gb:U57001.1 /DB_XRE
222	210914_at	gb:AF130071.1 /DEF=Homo sapiens clone FLB	AF130071		gb:AF130071.1 /DEF=
223	210964_s_at	glycogenin 2	U94364	8908	gb:U94364.1 /DB_XRE
226	211202_s_at	Jumonji, AT rich interactive domain 1B (RBP2-	AF087481	10765	gb:AF087481.1 /DEF=
230	211413_s_at	peptidyl arginine deiminase, type IV	AF229067	23569	gb:AF229067.1 /DB_X
231	211458_s_at	GABA(A) receptor-associated protein like 1 ///	AF180519	23710 /// 23	gb:AF180519.1 /DB_X
233	211600_at	gb:U20489.1 /DB_XREF=gi:885925 /GEN=GLI	U20489		gb:U20489.1 /DB_XRE
236	211791_s_at	potassium voltage-gated channel, shaker-relat	AF044253	8514	gb:AF044253.1 /DB_X

237	211813_x_at	decorin	AF138303	1634	gb:AF138303.1 /DEF=
239	211896_s_at	decorin	AF138302	1634	gb:AF138302.1 /DEF=
240	211919_s_at	chemokine (C-X-C motif) receptor 4 /// chemo	AF348491	7852	gb:AF348491.1 /DEF=
242	212070_at	G protein-coupled receptor 56	AL554008	9289	gb:AL554008 /DB_XR
243	212122_at	ras homolog gene family, member Q /// hypot	AW771590	23433 /// 28	gb:AW771590 /DB_XF
244	212134_at	pleckstrin homology-like domain, family B, me	AB014538	23187	Consensus includes gb
247	212256_at	UDP-N-acetyl-alpha-D-galactosamine:polypept	BE906572	55568	gb:BE906572 /DB_XR
249	212314_at	KIAA0746 protein	AB018289	23231	gb:AB018289.1 /DB_X
251	212419_at	chromosome 10 open reading frame 56	AA131324	219654	Consensus includes gb
252	212713_at	microfibrillar-associated protein 4	R72286	4239	gb:R72286 /DB_XREF
253	212747_at	ankyrin repeat and sterile alpha motif domain	AI990523	23294	gb:AI990523 /DB_XRE
255	212909_at	LY6/PLAUR domain containing 1	AL567376	116372	Consensus includes gb
259	213182_x_at	cyclin-dependent kinase inhibitor 1C (p57, Kip	R78668	1028	gb:R78668 /DB_XREF
260	213348_at	Cyclin-dependent kinase inhibitor 1C (p57, Kip	N33167	1028	Consensus includes gb
261	213358_at	KIAA0802	AB018345	23255	Consensus includes gb
262	213496_at	plasticity related gene 1	AW592563	9890	gb:AW592563 /DB_XF
263	213675_at	CDNA FLJ25106 fis, clone CBR01467	W61005		gb:W61005 /DB_XREF
269	213905_x_at	biglycan /// teashirt family zinc finger 1	AA845258	10194 /// 63	Consensus includes gb
272	213993_at	spondin 1, extracellular matrix protein	AI885290	10418	gb:AI885290 /DB_XRE
273	213994_s_at	spondin 1, extracellular matrix protein	AI885290	10418	gb:AI885290 /DB_XRE
274	214033_at	similar to ATP-binding cassette, sub-family C,	AI084637	653770	Consensus includes gb
277	214285_at	fatty acid binding protein 3, muscle and heart	AI041520	2170	Consensus includes gb
278	214390_s_at	branched chain aminotransferase 1, cytosolic	AI652662	586	gb:AI652662 /DB_XRE
279	214455_at	histone 1, H2bc	NM_003526	8347	Consensus includes gb
281	214643_x_at	bridging integrator 1	BG034080	274	Consensus includes gb
282	214677_x_at	immunoglobulin lambda locus /// immunoglob	X57812	28786 /// 28	gb:X57812.1 /DB_XRE
283	214755_at	UDP-N-acteylglucosamine pyrophosphorylase 1	AK022632	91373	gb:AK022632.1 /DB_X
284	214829_at	aminoadipate-semialdehyde synthase	AK023446	10157	gb:AK023446.1 /DB_X
285	214841_at	cornichon homolog 3 (Drosophila)	AF070524	149111	Consensus includes gb
287	215008_at	tolloid-like 2	AA582404	7093	Consensus includes gb
289	215071_s_at	histone 1, H2ac	AL353759	8334	Consensus includes gb
290	215183_at	Clone HQ0072	AF090886		gb:AF090886.1 /DB_X
294	215645_at	Folliculin	AF090883	201163	Consensus includes gb
295	215727_x_at	Chromodomain helicase DNA binding protein 3	AF064839	1107	Consensus includes gb
298	215935_at	chromosome 9 open reading frame 36	AL080148	26165	Consensus includes gb
300	216041_x_at	granulin	AK023348	2896	Consensus includes gb

302	216149_at	Hypothetical protein DKFZp667M2411	AL359623	147172	Consensus includes gb
304	216236_s_at	solute carrier family 2 (facilitated glucose tran	AL110298	6515	Consensus includes gb
305	216248_s_at	nuclear receptor subfamily 4, group A, membe	S77154	4929	Consensus includes gb
306	216252_x_at	Fas (TNF receptor superfamily, member 6)	Z70519	355	Consensus includes gb
310	216705_s_at	adenosine deaminase	X02189	100	Consensus includes gb
313	216750_at	amyloid beta (A4) precursor protein-binding, f	AK024871	323	Consensus includes gb
315	216894_x_at	cyclin-dependent kinase inhibitor 1C (p57, Kip	D64137	1028	Consensus includes gb
317	217028_at	chemokine (C-X-C motif) receptor 4	AJ224869	7852	Consensus includes gb
319	217502_at	interferon-induced protein with tetratricopeptic	BE888744	3433	Consensus includes gb
323	217875_s_at	transmembrane, prostate androgen induced RI	NM_020182	56937	gb:NM_020182.1 /DEI
326	218094_s_at	dysbindin (dystrobrevin binding protein 1) don	NM_018478	55861	gb:NM_018478.1 /DEI
327	218424_s_at	STEAP family member 3	NM_018234	55240	gb:NM_018234.1 /DEI
328	218559_s_at	v-maf musculoaponeurotic fibrosarcoma oncog	NM_005461	9935	gb:NM_005461.1 /DEI
329	218574_s_at	LIM and cysteine-rich domains 1	NM_014583	29995	gb:NM_014583.1 /DEI
330	218581_at	abhydrolase domain containing 4	NM_022060	63874	gb:NM_022060.1 /DEI
331	218638_s_at	spondin 2, extracellular matrix protein	NM_012445	10417	gb:NM_012445.1 /DEI
333	218700_s_at	RAB7, member RAS oncogene family-like 1	NM_003929	8934	gb:BC002585.1 /DEF=
334	218736_s_at	palmdelphin	NM_017734	54873	gb:NM_017734.1 /DEI
335	218818_at	four and a half LIM domains 3	NM_004468	2275	gb:NM_004468.1 /DEI
337	218870_at	Rho GTPase activating protein 15	NM_018460	55843	gb:NM_018460.1 /DEI
338	218876_at	brain specific protein /// brain specific protein	NM_016140	51673	gb:NM_016140.1 /DEI
339	218913_s_at	GEM interacting protein	NM_016573	51291	gb:NM_016573.1 /DEI
340	218974_at	hypothetical protein FLJ10159	NM_018013	55084	gb:NM_018013.1 /DEI
341	219010_at	chromosome 1 open reading frame 106	NM_018265	55765	gb:NM_018265.1 /DEI
343	219102_at	reticulocalbin 3, EF-hand calcium binding dom	NM_020650	57333	gb:NM_020650.1 /DEI
344	219117_s_at	FK506 binding protein 11, 19 kDa	NM_016594	51303	gb:NM_016594.1 /DEI
345	219118_at	FK506 binding protein 11, 19 kDa	NM_016594	51303	gb:NM_016594.1 /DEI
346	219144_at	dual specificity phosphatase 26 (putative)	NM_024025	78986	gb:NM_024025.1 /DEI
347	219196_at	secretogranin III	NM_013243	29106	gb:NM_013243.1 /DEI
349	219255_x_at	interleukin 17 receptor B	NM_018725	55540	gb:NM_018725.1 /DEI
351	219327_s_at	G protein-coupled receptor, family C, group 5,	NM_022036	55890	gb:NM_022036.1 /DEI
352	219355_at	hypothetical protein FLJ10178	NM_018015	55086	gb:NM_018015.2 /DEI
358	219877_at	zinc finger, matrin type 4	NM_024645	79698	gb:NM_024645.1 /DEI
359	219909_at	matrix metallopeptidase 28	NM_024302	79148	gb:NM_024302.1 /DEI
360	219911_s_at	solute carrier organic anion transporter family,	NM_016354	28231	gb:NM_016354.1 /DEI
363	219961_s_at	chromosome 20 open reading frame 19	NM_018474	55857	gb:NM_018474.1 /DEI

366	220014_at	mesenchymal stem cell protein DSC54	NM_016644	51334	gb:NM_016644.1 /DEI
367	220066_at	caspase recruitment domain family, member 1	NM_022162	64127	gb:NM_022162.1 /DEI
370	220301_at	coiled-coil domain containing 102B	NM_024781	79839	gb:NM_024781.1 /DEI
372	220615_s_at	male sterility domain containing 1	NM_018099	55711	gb:NM_018099.1 /DEI
373	220675_s_at	patatin-like phospholipase domain containing :	NM_025225	80339	gb:NM_025225.1 /DEI
375	220730_at	hypothetical protein FLJ12986	NM_025148	197319	gb:NM_025148.1 /DEI
377	220780_at	phospholipase A2, group III	NM_015715	50487	gb:NM_015715.1 /DEI
378	220786_s_at	solute carrier family 38, member 4	NM_018018	55089	gb:NM_018018.1 /DEI
381	220979_s_at	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-gala	NM_030965	81849	gb:NM_030965.1 /DEI
384	221156_x_at	cell cycle progression 1	NM_004748	9236	gb:NM_004748.1 /DEI
388	221511_x_at	cell cycle progression 1	AF212228	9236	Consensus includes gb
389	221530_s_at	basic helix-loop-helix domain containing, class	AB044088	79365	Consensus includes gb
390	221558_s_at	lymphoid enhancer-binding factor 1	AF288571	51176	gb:AF288571.1 /DEF=
391	221872_at	retinoic acid receptor responder (tazarotene in	AI669229	5918	Consensus includes gb
392	222025_s_at	5-oxoprolinase (ATP-hydrolysing)	AI991887	26873	Consensus includes gb
394	222234_s_at	dysbindin (dystrobrevin binding protein 1) don	AK022644	79007	Consensus includes gb
395	222279_at	hypothetical protein FLJ35429	AI669379	285830	Consensus includes gb
396	222293_at	immunoglobulin superfamily, member 4C	AW204383	199731	Consensus includes gb
397	222379_at	Transcribed locus, strongly similar to NP_5424	AI002715		Consensus includes gb
400	38290_at	regulator of G-protein signalling 14	AF037195	10636	Cluster Incl. AF03719
401	47560_at	latrophilin 1	AI525402	22859	Cluster Incl. AI525402
402	52651_at	collagen, type VIII, alpha 2	AI806793	1296	Cluster Incl. AI806793
404	59437_at	chromosome 9 open reading frame 116	AI830563	138162	Cluster Incl. AI830563
405	65718_at	G protein-coupled receptor 124	AI655903	25960	Cluster Incl. AI655903
11	201265_at	gb:AF119897.1 /DB_XREF=gi:7770230 /FEA=	AF119897		gb:AF119897.1 /DB_X
15	201325_s_at	epithelial membrane protein 1	NM_001423	2012	gb:NM_001423.1 /DEI
30	202283_at	serpin peptidase inhibitor, clade F (alpha-2 ant	NM_002615	5176	gb:NM_002615.1 /DB_
31	202311_s_at	collagen, type I, alpha 1	AI743621	1277	gb:AI743621 /DB_XRE
46	202934_at	hexokinase 2	AI761561	3099	gb:AI761561 /DB_XRE
53	203381_s_at	apolipoprotein E	NM_000041	348	Consensus includes gb
54	203382_s_at	apolipoprotein E	NM_000041	348	gb:NM_000041.1 /DB_
55	203424_s_at	insulin-like growth factor binding protein 5	AW157548	3488	gb:AW157548 /DB_XF
56	203426_s_at	insulin-like growth factor binding protein 5	M65062	3488	gb:M65062.1 /DB_XRI
58	203474_at	IQ motif containing GTPase activating protein :	NM_006633	10788	gb:NM_006633.1 /DB_
62	203633_at	carnitine palmitoyltransferase 1A (liver)	BF001714	1374	gb:BF001714 /DB_XR
64	203700_s_at	deiodinase, iodothyronine, type II	NM_013989	1734	gb:NM_013989.1 /DB_

66	203821_at	heparin-binding EGF-like growth factor	NM_001945	1839	gb:NM_001945.1 /DEI
77	204378_at	breast carcinoma amplified sequence 1	NM_003657	8537	gb:NM_003657.1 /DB_
79	204430_s_at	solute carrier family 2 (facilitated glucose/fruct	NM_003039	6518	gb:NM_003039.1 /DEI
88	204614_at	serpin peptidase inhibitor, clade B (ovalbumin)	NM_002575	5055	gb:NM_002575.1 /DB_
97	204904_at	gap junction protein, alpha 4, 37kDa (connexir	NM_002060	2701	gb:NM_002060.1 /DB_
98	205143_at	chondroitin sulfate proteoglycan 3 (neurocan)	NM_004386	1463	gb:NM_004386.1 /DEI
104	205227_at	interleukin 1 receptor accessory protein	NM_002182	3556	gb:NM_002182.1 /DEI
105	205230_at	rabphilin 3A homolog (mouse)	NM_014954	22895	gb:NM_014954.1 /DB_
110	205344_at	chondroitin sulfate proteoglycan 5 (neuroglyca	NM_006574	10675	gb:NM_006574.1 /DB_
126	205815_at	regenerating islet-derived 3 alpha	NM_002580	5068	gb:NM_002580.1 /DB_
130	206093_x_at	tenascin XB	NM_007116	7148	gb:NM_007116.1 /DB_
132	206110_at	histone 1, H3h	NM_003536	8357	gb:NM_003536.1 /DEI
135	206204_at	growth factor receptor-bound protein 14	NM_004490	2888	gb:NM_004490.1 /DB_
146	206778_at	crystallin, beta B2	NM_000496	1415	gb:NM_000496.1 /DB_
156	207315_at	CD226 molecule	NM_006566	10666	gb:NM_006566.1 /DB_
164	207826_s_at	inhibitor of DNA binding 3, dominant negative	NM_002167	3399	gb:NM_002167.1 /DB_
203	209815_at	patched homolog (Drosophila)	BG054916	5727	Consensus includes gb
206	210029_at	indoleamine-pyrrole 2,3 dioxygenase	M34455	3620	gb:M34455.1 /DB_XRI
208	210102_at	loss of heterozygosity, 11, chromosomal regior	BC001234	4013	gb:BC001234.1 /DB_)
216	210643_at	tumor necrosis factor (ligand) superfamily, me	AF053712	8600	gb:AF053712.1 /DEF=
218	210710_at	angiogenic factor with G patch and FHA domai	BC002828	55109	gb:BC002828.1 /DB_)
229	211367_s_at	caspase 1, apoptosis-related cysteine peptidas	U13699	834	gb:U13699.1 /DB_XRE
232	211597_s_at	homeodomain-only protein /// homeodomain-(	AB059408	84525	gb:AB059408.1 /DB_)
235	211618_s_at	alkaline phosphatase, intestinal /// alkaline ph	M31008	248	gb:M31008.1 /DB_XRI
241	212057_at	KIAA0182	AA206161	23199	gb:AA206161 /DB_XR
245	212188_at	potassium channel tetramerisation domain con	AA551075	115207	gb:AA551075 /DB_XR
246	212192_at	potassium channel tetramerisation domain con	AI718937	115207	gb:AI718937 /DB_XRE
250	212414_s_at	septin 6 /// cytokine-like nuclear factor n-pac	D50918	23157 /// 84(	gb:D50918.1 /DB_XRE
254	212884_x_at	Translocase of outer mitochondrial membrane	AI358867	10452	Consensus includes gb
257	213142_x_at	hypothetical protein LOC54103	AV700415	54103	gb:AV700415 /DB_XR
258	213169_at	Clone TUA8 Cri-du-chat region mRNA	BG109855		Consensus includes gb
264	213707_s_at	distal-less homeobox 5	NM_005221	1749	gb:NM_005221.3 /DB_
265	213756_s_at	heat shock transcription factor 1	AI393937	3297	gb:AI393937 /DB_XRE
266	213823_at	homeobox A11	H94842	3207	gb:H94842 /DB_XREF
267	213854_at	synaptogyrin 1	AJ002303	9145	Consensus includes gb
268	213874_at	serpin peptidase inhibitor, clade A (alpha-1 an	NM_006215	5267	gb:NM_006215.1 /DB_

275	214204_at	PARK2 co-regulated	BF224076	135138	gb:BF224076 /DB_XR
291	215235_at	Spectrin, alpha, non-erythrocytic 1 (alpha-fodr	AL110273	6709	gb:AL110273.1 /DB_X
297	215870_s_at	phospholipase A2, group V	AL158172	5322	Consensus includes gb
303	216191_s_at	T cell receptor alpha locus /// T cell receptor d	X72501	6955 /// 696	Consensus includes gb
308	216651_s_at	glutamate decarboxylase 2 (pancreatic islets a	X69936	2572	Consensus includes gb
318	217143_s_at	T cell receptor alpha locus /// T cell receptor d	X06557	6955 /// 696	Consensus includes gb
325	218035_s_at	RNA-binding protein	NM_019027	54502	gb:NM_019027.1 /DEI
332	218691_s_at	PDZ and LIM domain 4	NM_003687	8572	gb:AF153882.1 /DEF=
361	219921_s_at	dedicator of cytokinesis 5	NM_024940	80005	gb:NM_024940.1 /DEI
364	219992_at	tachykinin 3 (neuromedin K, neurokinin beta)	NM_013251	6866	gb:NM_013251.1 /DEI
382	220984_s_at	solute carrier organic anion transporter family,	NM_030958	81796	gb:NM_030958.1 /DEI
403	57588_at	solute carrier family 24 (sodium/potassium/cal	R62432	57419	Cluster Incl. R62432:y
406	91826_at	EPS8-like 1	AI219073	54869	Cluster Incl. AI219073
2	200795_at	SPARC-like 1 (mast9, hevin)	NM_004684	8404	gb:NM_004684.1 /DB_
6	201015_s_at	junction plakoglobin	NM_021991	3728	gb:NM_021991.1 /DEI
7	201124_at	integrin, beta 5	AL048423	3693	Consensus includes gb
14	201324_at	epithelial membrane protein 1	NM_001423	2012	gb:NM_001423.1 /DB_
16	201367_s_at	zinc finger protein 36, C3H type-like 2	AI356398	678	gb:AI356398 /DB_XRE
18	201427_s_at	selenoprotein P, plasma, 1	NM_005410	6414	gb:NM_005410.1 /DB_
20	201596_x_at	keratin 18	NM_000224	3875	gb:NM_000224.1 /DEI
22	201694_s_at	early growth response 1	NM_001964	1958	gb:NM_001964.1 /DB_
27	202242_at	tetraspanin 7	NM_004615	7102	gb:NM_004615.1 /DB_
33	202409_at	chromosome 11 open reading frame 43	X07868	492304	gb:X07868 /DB_XREF
36	202566_s_at	supervillin	AF051851	6840	gb:AF051851.1 /DB_X
38	202627_s_at	serpin peptidase inhibitor, clade E (nexin, plas	AL574210	5054	gb:AL574210 /DB_XR
41	202729_s_at	latent transforming growth factor beta binding	AI986120	4052	gb:NM_000627.1 /DEI
42	202733_at	procollagen-proline, 2-oxoglutarate 4-dioxyger	NM_004199	8974	gb:NM_004199.1 /DEI
45	202917_s_at	S100 calcium binding protein A8 (calgranulin A	NM_002964	6279	gb:NM_002964.2 /DB_
50	203083_at	thrombospondin 2	NM_003247	7058	gb:NM_003247.1 /DB_
57	203471_s_at	pleckstrin	NM_002664	5341	gb:NM_002664.1 /DB_
67	203876_s_at	matrix metallopeptidase 11 (stromelysin 3)	AI761713	4320	gb:AI761713 /DB_XRE
72	204153_s_at	manic fringe homolog (Drosophila)	AI738965	4242	gb:NM_002405.1 /DEI
73	204197_s_at	runt-related transcription factor 3	NM_004350	864	gb:NM_004350.1 /DB_
74	204205_at	apolipoprotein B mRNA editing enzyme, cataly	NM_021822	60489	gb:NM_021822.1 /DB_
78	204420_at	FOS-like antigen 1	BG251266	8061	gb:BG251266 /DB_XR
83	204567_s_at	ATP-binding cassette, sub-family G (WHITE), r	NM_004915	9619	gb:NM_004915.2 /DEI

84	204583_x_at	kallikrein 3, (prostate specific antigen)	U17040	354	gb:U17040.1 /DEF=H
93	204743_at	transgelin 3	NM_013259	29114	gb:NM_013259.1 /DEI
96	204896_s_at	prostaglandin E receptor 4 (subtype EP4)	AI675173	5734	gb:AI675173 /DB_XRI
101	205206_at	Kallmann syndrome 1 sequence	NM_000216	3730	gb:NM_000216.1 /DB_
107	205278_at	glutamate decarboxylase 1 (brain, 67kDa)	NM_000817	2571	gb:NM_000817.1 /DB_
108	205311_at	dopa decarboxylase (aromatic L-amino acid de	NM_000790	1644	gb:NM_000790.1 /DB_
109	205342_s_at	sulfotransferase family, cytosolic, 1C, member	NM_001056	6819	gb:AF026303.1 /DEF=
111	205377_s_at	acetylcholinesterase (Yt blood group)	AI190022	43	gb:AI190022 /DB_XRI
115	205513_at	transcobalamin I (vitamin B12 binding protein,	NM_001062	6947	gb:NM_001062.1 /DEI
116	205538_at	coronin, actin binding protein, 2A	NM_003389	7464	gb:NM_003389.1 /DB_
117	205552_s_at	2',5'-oligoadenylate synthetase 1, 40/46kDa	NM_002534	4938	gb:NM_002534.1 /DB_
119	205609_at	angiopoietin 1	NM_001146	284	gb:NM_001146.1 /DB_
123	205752_s_at	glutathione S-transferase M5	NM_000851	2949	gb:NM_000851.1 /DB_
127	205818_at	deleted in bladder cancer 1	NM_014618	1620	gb:NM_014618.1 /DB_
129	206077_at	Kell blood group, metalloendopeptidase	NM_000420	3792	gb:NM_000420.1 /DB_
133	206115_at	early growth response 3	NM_004430	1960	gb:NM_004430.1 /DB_
137	206331_at	calcitonin receptor-like	NM_005795	10203	gb:NM_005795.1 /DEI
140	206576_s_at	carcinoembryonic antigen-related cell adhesior	NM_001712	634	gb:NM_001712.1 /DB_
144	206730_at	glutamate receptor, ionotrophic, AMPA 3	NM_007325	2892	gb:NM_007325.1 /DEI
147	206834_at	hemoglobin, delta /// hemoglobin, delta	NM_000519	3045	gb:NM_000519.2 /DB_
148	206935_at	protocadherin 8	NM_002590	5100	gb:NM_002590.2 /DEI
150	207087_x_at	ankyrin 1, erythrocytic	NM_020478	286	gb:NM_020478.1 /DB_
151	207235_s_at	glutamate receptor, metabotropic 5	NM_000842	2915	gb:NM_000842.1 /DEI
154	207282_s_at	myogenin (myogenic factor 4)	NM_002479	4656	gb:NM_002479.1 /DEI
155	207299_s_at	glutamate receptor, metabotropic 1	NM_000838	2911	gb:NM_000838.2 /DB_
157	207321_s_at	ATP-binding cassette, sub-family B (MDR/TAP)	NM_019625	23457	gb:NM_019625.1 /DB_
158	207324_s_at	desmocollin 1	NM_004948	1823	gb:NM_004948.2 /DEI
160	207351_s_at	SH2 domain protein 2A	NM_003975	9047	gb:NM_003975.1 /DEI
161	207448_at	protein O-fucosyltransferase 2	NM_015227	23275	Consensus includes gb
162	207637_at	KIAA0789 gene product	NM_014653	9671	gb:NM_014653.1 /DB_
163	207708_at	arachidonate lipoxygenase 3	NM_021628	59344	gb:NM_021628.1 /DB_
166	208020_s_at	calcium channel, voltage-dependent, L type, al	NM_000719	775	gb:NM_000719.1 /DB_
167	208032_s_at	glutamate receptor, ionotrophic, AMPA 3	NM_000828	2892	gb:NM_000828.1 /DEI
168	208092_s_at	family with sequence similarity 49, member A	NM_030797	81553	gb:NM_030797.1 /DEI
174	208466_at	RAB3D, member RAS oncogene family	NM_004283	9545	gb:NM_004283.1 /DEI
175	208534_s_at	RAS p21 protein activator 4 /// hypothetical pr	NM_006989	10156 /// 40	gb:NM_006989.1 /DB_

179	208937_s_at	inhibitor of DNA binding 1, dominant negative	D13889	3397	gb:D13889.1 /DEF=H
184	209071_s_at	regulator of G-protein signalling 5	AF159570	8490	gb:AF159570.1 /DB_X
185	209074_s_at	family with sequence similarity 107, member A	AF089853	11170	gb:AL050264.1 /DEF=
193	209241_x_at	misshapen-like kinase 1 (zebrafish)	AB041926	50488	gb:AB041926.1 /DB_X
194	209244_s_at	kinesin family member 1C	BE885926	10749	gb:BE885926 /DB_XR
195	209309_at	alpha-2-glycoprotein 1, zinc	D90427	563	gb:D90427.1 /DEF=H
201	209670_at	T cell receptor alpha constant /// T cell recepto	M12959	28755	gb:M12959.1 /DB_XR
214	210518_at	cadherin 8, type 2	AB035305	1006	gb:AB035305.1 /DB_X
215	210545_at	intersectin 2	AF182199	50618	gb:AF182199.1 /DB_X
219	210772_at	formyl peptide receptor-like 1 /// formyl peptic	M88107	2358	gb:M88107.1 /DB_XR
220	210784_x_at	leukocyte immunoglobulin-like receptor, subfa	AF009634	10288 /// 11(	gb:AF009634.1 /DB_X
224	211062_s_at	carboxypeptidase Z /// carboxypeptidase Z	BC006393	8532	gb:BC006393.1 /DB_X
225	211167_s_at	glucokinase (hexokinase 4, maturity onset dial	M69051	2645	gb:M69051.1 /DB_XR
227	211213_at	origin recognition complex, subunit 5-like (yea	AF081459	5001	gb:AF081459.1 /DB_X
228	211231_x_at	cytochrome P450, family 4, subfamily A, polyp	D13705	1579	gb:D13705.1 /DEF=H
234	211616_s_at	5-hydroxytryptamine (serotonin) receptor 2A /	M86841	3356	gb:M86841.1 /DB_XR
238	211829_s_at	G protein-coupled receptor 30	U58828	2852	gb:U58828.1 /DB_XR
248	212311_at	KIAA0746 protein	AA522514	23231	gb:AA522514 /DB_XR
256	212913_at	mutS homolog 5 (E. coli) /// chromosome 6 op	BE674960	401251 /// 4	gb:BE674960 /DB_XR
270	213925_at	Chromosome 1 open reading frame 95	AL134612	375057	Consensus includes gb
271	213946_s_at	obscurin-like 1	AI633851	23363	gb:AI633851 /DB_XR
276	214284_s_at	Fibroblast growth factor 18	AA022949	8817	Consensus includes gb
280	214479_at	GDNF family receptor alpha 3	NM_001496	2676	gb:NM_001496.1 /DB
286	214893_x_at	hyperpolarization activated cyclic nucleotide-g	AI421964	610	gb:AI421964 /DB_XR
288	215048_at	suppressor of hairy wing homolog 2 (Drosophil	AW663885	140883	gb:AW663885 /DB_X
292	215351_at	RNA terminal phosphate cyclase domain 1	BG536504	8634	Consensus includes gb
293	215388_s_at	complement factor H /// complement factor H-	X56210	3075 /// 307	Consensus includes gb
296	215806_x_at	T cell receptor gamma constant 2 /// T cell rec	M13231	445347 /// 6	Consensus includes gb
299	215946_x_at	similar to omega protein	AL022324	91353	Consensus includes gb
301	216084_at	hypothetical LOC389715	AL080137	389715	Consensus includes gb
307	216495_x_at	Clone ds1-1 immunoglobulin lambda chain VJ	AF043584		Consensus includes gb
309	216683_at	Tubulin-specific chaperone a	AL353949	6902	Consensus includes gb
311	216737_at	CDNA: FLJ20872 fis, clone ADKA02604	AK024525		Consensus includes gb
312	216748_at	pyrin and HIN domain family, member 1	AK024890	149628	Consensus includes gb
314	216794_at	CDNA: FLJ23203 fis, clone ADKA02487	AK026856		Consensus includes gb
316	217011_at	Consensus includes gb:L11239 /DEF=Homo sa	L11239		Consensus includes gb

320	217642_at	ring finger protein 40	AI379492	9810	Consensus includes gb
321	217672_x_at	Consensus includes gb:BF114906 /FEA=EST /I	BF114906		Consensus includes gb
322	217693_x_at	Similar to RIKEN cDNA A730055C05 gene	AW469555	388335	Consensus includes gb
324	218002_s_at	chemokine (C-X-C motif) ligand 14	AF144103	9547	gb:NM_004887.1 /DEI
336	218835_at	surfactant, pulmonary-associated protein A2 /,	NM_006926	6436 /// 644	gb:NM_006926.1 /DEI
342	219054_at	chromosome 5 open reading frame 23	NM_024563	79614	gb:NM_024563.1 /DEI
348	219202_at	rhomboid 5 homolog 2 (Drosophila)	NM_024599	79651	gb:NM_024599.1 /DEI
350	219263_at	ring finger protein 128	NM_024539	79589	gb:NM_024539.1 /DEI
353	219364_at	likely ortholog of mouse D11lgp2	NM_024119	79132	gb:NM_024119.1 /DEI
354	219368_at	nucleosome assembly protein 1-like 2	NM_021963	4674	gb:NM_021963.1 /DEI
355	219464_at	carbonic anhydrase XIV	NM_012113	23632	gb:NM_012113.1 /DEI
356	219614_s_at	solute carrier family 6 (proline IMINO transpor	NM_020208	54716	gb:NM_020208.1 /DEI
357	219647_at	popeye domain containing 2	NM_022135	64091	gb:NM_022135.1 /DEI
362	219956_at	UDP-N-acetyl-alpha-D-galactosamine:polypept	NM_007210	11226	gb:NM_007210.2 /DEI
365	220002_at	kinesin family member 26B	NM_018012	55083	gb:NM_018012.1 /DEI
368	220067_at	spectrin, beta, non-erythrocytic 5	NM_016642	51332	gb:NM_016642.1 /DEI
369	220193_at	chromosome 1 open reading frame 113	NM_024676	79729	gb:NM_024676.1 /DEI
371	220438_at	glutaminyl-peptide cyclotransferase-like	NM_017659	54814	gb:NM_017659.1 /DEI
374	220727_at	potassium channel, subfamily K, member 10	NM_021161	54207	gb:NM_021161.1 /DEI
376	220759_at	family with sequence similarity 12, member B	NM_022360	64184	gb:NM_022360.1 /DEI
379	220854_at	hypothetical protein LOC642733	NM_014123	642733	gb:NM_014123.1 /DEI
380	220899_at	gb:NM_024973.1 /DEF=Homo sapiens hypothe	NM_024973		gb:NM_024973.1 /DEI
383	221107_at	cholinergic receptor, nicotinic, alpha 9	NM_017581	55584	gb:NM_017581.1 /DEI
385	221324_at	taste receptor, type 2, member 1	NM_019599	50834	gb:NM_019599.1 /DEI
386	221433_at	fibroblast growth factor 21	NM_019113	26291	gb:NM_019113.1 /DEI
387	221441_at	goosecoid-like	NM_005315	2928	gb:NM_005315.1 /DEI
398	33304_at	interferon stimulated exonuclease gene 20kDa	U88964	3669	Cluster Incl. U88964:
399	38037_at	heparin-binding EGF-like growth factor	M60278	1839	Cluster Incl. M60278:
407	$	406 genes satisfied the comparison filtering criteria			

or B/E>	Use	E-B>	or B-E>	P value <=	P call % of B	and P call % (	Pair P value <=
1.5	Lower Bound	20	20	NA	NA	NA	NA
1.5	Lower Bound	20	20	NA	NA	NA	NA
1.5	Lower Bound	20	20	0.1	NA	NA	NA
1.5	Lower Bound	20	20	0.1	NA	NA	NA
1.5	Lower Bound	20	20	0.1	NA	NA	NA
1.5	Lower Bound	20	20	0.1	NA	NA	NA

DMSOA70	DMSOB70	baseline mea	baseline mea	LDE225A70	LDE225B70	experiment m	experiment m	fold change
400.58	442.68	423.25	22.87	556.87	442.81	499.11	59.05	1.18
631.61	675.45	653.35	24.68	652.82	633.15	642.03	19.81	-1.02
617.97	695.64	657.45	40.83	576.85	637.56	609.89	36.4	-1.08
363.33	372.7	366.48	15.93	367.11	330.75	348.37	25.67	-1.05
1172.01	1322.43	1245.5	77.4	1202.33	1355.6	1275.71	84.42	1.02
110.89	139.6	125.11	15.31	70.62	103.67	86.53	18.6	-1.45
1096.02	1217.08	1159.52	73.07	1137.13	1274.48	1203.36	84.64	1.04
515.18	634.2	574.71	62.48	474.12	517.5	495.69	31.89	-1.16
354.32	506.15	431.4	77.87	421.27	434.72	427.64	33.79	-1.01
893.02	1191.99	1041.66	151.83	954.69	1017.22	983.53	59.12	-1.06
3101.86	2752.62	2926.87	181.59	2375.26	2388.27	2380.77	60.62	-1.23
1039.1	1060.35	1051.34	21.68	1063.64	995.53	1035.87	45.95	-1.01
336.27	402.96	369.18	34.58	401.35	403.52	402.67	13.64	1.09
760.88	807.81	782.49	27.93	781.05	871.17	826.03	49.14	1.06
908.62	1026.78	966.17	67.8	784.42	926.53	859.37	76.73	-1.12
1425.62	1476.09	1452.52	46.27	1450.23	1307.85	1386.08	90.15	-1.05
278.29	256.4	268.43	19.4	203.97	210.64	206.93	9.86	-1.3
60.98	60.7	60.84	14.05	95.34	85.46	90.5	19.45	1.49

1055.37	1203.55	1133.04	77.04	795.51	1008.95	903.12	114.64	-1.25
308.02	289.41	298.97	17.58	353.67	270.55	311.75	43.51	1.04
19.4	23.16	20.82	3.75	41.69	27.72	35.7	9.99	1.71
3164.95	3174.63	3171.38	76.68	2367.7	2786.76	2576.73	214.24	-1.23
247.29	283.17	263.81	22.74	240.9	264.04	251.5	20.87	-1.05
95.19	89.74	93.38	7.21	82.88	55.39	68.74	15.06	-1.36
399.13	469.53	431.37	49.77	412.93	439.07	424.48	48.38	-1.02
4310.71	4464	4388.22	102.33	4426.83	4614.15	4546.54	175.35	1.04
699.72	766.61	733.63	44.91	777.77	797.23	788.82	32.06	1.08
532.74	679.17	605.2	73.9	694.83	623.7	658.42	38.3	1.09
332.73	404.8	367.77	37.34	354.49	359.14	356.81	18.66	-1.03
356.71	393.73	376.32	21.43	309.71	398.8	354.29	46.92	-1.06
390.53	371.98	384.27	17.35	431.71	341.02	385.33	50.85	1
2334.47	2806.73	2571.04	243.53	2042.88	2460.56	2247.94	215.87	-1.14
868.27	762.87	815.37	56.01	838.92	812	825.33	24.35	1.01
774.64	759.93	767.96	18.65	676.26	689.86	682.71	25.64	-1.12
257.65	231.91	245.21	22.75	319.45	223.14	271.57	52.15	1.11
579.41	483.63	532.99	53.74	386.84	378.47	382.68	14.34	-1.39
747.12	813.24	781.99	41.12	574.95	693.87	635.76	66.95	-1.23
543.79	544.73	544.35	12.21	379.15	439.01	408.14	33.36	-1.33
240.37	241.22	240.82	11.93	461.5	367.09	412.92	59.15	1.71
270.58	279.35	274.62	12.37	304.82	256.14	280.84	27.12	1.02
6.31	2.72	4.32	2.18	18.32	12.11	14.86	4.91	3.44
262.44	255.37	259.8	8.33	306.62	266.91	287.43	21.68	1.11
1461.89	1479.53	1471.01	34.19	1635.44	1525.88	1581.93	66.34	1.08
507.55	583.11	545.75	39.99	371.32	448.72	405.7	45.89	-1.35
142.53	141.17	141.8	8.62	179.4	122.13	150.5	29.9	1.06
269.02	294.12	281.73	13.68	193.85	228.05	211.52	18.65	-1.33
186.38	217.15	202.5	26.64	149.5	164.36	158.69	20.64	-1.28
19.84	28.78	24.28	5.86	49.38	46.62	47.85	5.01	1.97
729.85	760.26	746.61	35.33	851.55	688.17	768.7	89.42	1.03
93.82	108.46	101.17	8.72	88.62	77.32	82.57	7.48	-1.23
132.7	133.83	133.44	6.1	143.93	136.58	139.02	11.22	1.04
467.71	450.38	458.51	16.09	355.02	408.62	383.43	31.75	-1.2
499.56	482.99	493.6	15.79	390.48	443.78	415.76	29.61	-1.19
459.94	514.65	487.36	28.36	609.04	551.05	579.6	34.87	1.19

103.77	136.36	119.48	18.82	131.57	116.17	123.74	15.1	1.04
2394.11	3023.73	2705.82	342.79	2413.92	3426.87	2908.82	530.59	1.08
290.14	287.03	288.53	10.61	273.98	294.8	284.53	15.99	-1.01
186.67	192.37	188.82	8.99	127.5	146.9	136.47	14.4	-1.38
202.93	230.83	215.49	17.48	149.65	206.53	177.58	29.93	-1.21
6884.42	6667.52	6762.95	149.71	5251.86	5872.06	5560.57	325.37	-1.22
5981.73	5671.05	5816.73	186.34	4763.35	5289.29	5042.1	279.56	-1.15
33.17	25.57	28.83	6.13	28.18	31.47	29.23	3.99	1.01
9.31	18.61	14.23	5.34	18.36	15.19	17.08	4.1	1.2
588.56	659.72	625.21	37.64	474.28	543.09	508.86	34.76	-1.23
155.2	176.79	165.91	13.26	71.03	100.74	86	15.11	-1.93
3172.31	2799.22	2985.37	199.9	2116.84	2077.76	2097.32	66.75	-1.42
177.03	190.3	184.77	11.53	104.33	159.04	131.46	28.21	-1.41
407.66	422.06	415.98	13.72	301.47	399.91	350.36	50.2	-1.19
500.5	629.42	565.04	64.94	749.26	819.13	795.5	50.78	1.41
43.27	47.96	46.01	5.05	31.6	26.61	28.33	5.13	-1.62
1040.51	1072.73	1055.77	25.34	1129.76	1210.12	1171.22	44.48	1.11
62.88	62.56	62.7	6.09	68.87	43.14	55.88	14.05	-1.12
1536.86	1668.23	1603.87	74.45	1487.77	1788.72	1636.13	160.85	1.02
45.68	36.66	41.03	5.96	19.4	19.19	19.31	3	-2.12
131.39	115.27	124.34	11.11	64.08	63	63.46	5.66	-1.96
251.97	242.26	246.97	10.96	258.61	218.38	237.82	22.04	-1.04
164.26	141.72	153.34	16.06	114.02	104.79	108.94	15.34	-1.41
148.94	189.87	169.31	22.74	178.98	196.65	188.6	11.05	1.11
384.66	426.13	404.69	23.54	287.42	327.2	309.02	26.64	-1.31
269.2	272.41	270.96	17.32	299.81	213.93	255.89	46.19	-1.06
21.17	14.28	18.31	5.11	25.71	39.64	32.98	7.53	1.8
42.13	64.02	52.69	12.75	61.21	35.31	47.99	16.4	-1.1
32.46	30.15	31.21	4.38	32.91	20.54	26.33	7.63	-1.19
612.56	666.1	639.3	31.07	736.85	618.9	673.38	69.71	1.05
19.7	21.2	20.37	2.17	9.25	34.94	22.05	13.06	1.08
42.24	46.1	44.43	7.03	66	55.3	60.79	8.33	1.37
12.16	10.27	11.4	5.08	8.47	24.41	16.12	9.48	1.41
43.21	47.09	44.64	4.81	26.66	37.68	32.47	6.79	-1.38
109.9	108.73	109.23	6.26	66.11	84.22	75.49	9.86	-1.45
331.58	255.8	293.47	39.34	340.32	256.85	300.03	45.39	1.02

347.51	402.21	375.06	29.27	400.18	381.37	391.61	15.2	1.04
502.03	436.93	468.61	41.24	431.63	376.19	403.43	33.68	-1.16
1119.74	1094.8	1106.8	44.63	763.34	860.55	817.36	103.52	-1.35
1488.83	1530.57	1510.57	42.02	1432.72	1780.15	1608.78	179.37	1.07
2096.77	2090.8	2093.23	36.95	2297.75	2591.51	2449.07	152.35	1.17
362.71	363.67	363.16	10.85	343.45	396.17	369.8	35.08	1.02
538.49	561.76	548.01	24.04	532.67	554.15	542.25	31.61	-1.01
1436.61	1466.58	1453.53	37.55	1347.29	1397.42	1379.36	45.09	-1.05
158.45	175.26	167.04	12.95	168.48	142.36	153.11	19.56	-1.09
429.03	338.73	383.66	49.92	380	277.22	327.55	56.42	-1.17
939.65	963.78	951.04	22.38	752.89	899.39	829.06	75.49	-1.15
502.91	542.89	523.53	25.62	421.73	450.37	434.85	22.89	-1.2
109.97	109.54	109.8	11.94	150.16	111.12	129.24	24.23	1.18
1646.77	1487.86	1565.21	90.33	1173.9	1276.57	1229.54	77.08	-1.27
240.19	248.92	245.5	12.84	295.85	322.96	310	17.76	1.26
492.39	506.87	501.38	14.05	306.36	406.62	356.47	50.52	-1.41
207.33	270.31	239.15	32.5	199.84	228.75	215.24	15.87	-1.11
589.19	579.28	584.84	14.94	563.06	647.51	606.19	49.82	1.04
109.85	119.37	116.55	12.35	101.36	141.42	121.61	23.52	1.04
403.28	357.68	380.47	25.62	535.75	364.43	448.98	88.66	1.18
442.54	406.51	422.03	22.67	341.79	326.12	332.66	15.14	-1.27
2911.29	3817.99	3352.34	510.52	1931.74	2860.38	2388.85	500.75	-1.4
28.22	35.92	31.65	4.48	17.47	25.53	21.78	4.36	-1.45
95.34	85.53	90.2	6.77	74.67	53.93	64.12	11.85	-1.41
203.92	218.23	211.27	14.35	185.11	161.67	174.77	16.51	-1.21
63.16	53.61	58.74	6.77	100.03	90.33	94.58	7.54	1.61
178.08	173.61	176.04	5.8	129.25	146.25	137.62	10.96	-1.28
50.17	51.78	50.98	4.02	89.26	26.79	57.57	32.42	1.13
114.17	116.59	115.33	4.37	136.37	155.06	145.71	12.02	1.26
2.83	2.64	2.71	3.71	12.21	18.8	15.01	5.04	5.54
127.34	123.91	125.6	7.78	112.85	96.27	103.58	13.1	-1.21
290.16	302.53	296.67	12.36	342.94	326.23	334.3	23.25	1.13
12.8	6.93	9.35	4.41	31.57	36.44	33.73	4.47	3.61
350.31	351.99	351.14	8.55	521.93	433.8	478.14	45.97	1.36
1533.24	1746.29	1640.26	116.41	2371.34	2579.93	2475.03	124.22	1.51
43.3	38.75	40.82	4.97	40.47	21.12	30.52	10.71	-1.34

2205.41	2410.28	2317.35	109.44	1625.37	2110.53	1872.04	247.23	-1.24
2213.18	2205.45	2210.4	64.1	1852.75	2100.03	1978.65	125.05	-1.12
1640.81	1447.87	1541.2	108.2	1151.59	1195.92	1172.05	35.83	-1.31
3764.94	3827.43	3802.2	173.07	3506.36	3790.1	3633.53	195.47	-1.05
308.89	269.89	289.23	21.19	216.76	184.44	200.76	18.35	-1.44
307.58	299.09	302.61	16.07	320.15	367.92	344.74	27.34	1.14
395.92	424.74	411.02	19.93	389.94	412.21	401.49	20.67	-1.02
439.95	316.84	377.33	65.75	467.36	350.46	410.66	62.14	1.09
719.93	762.45	740.61	31.3	906.48	776.05	840.77	73.53	1.14
325.94	376.7	349.88	30.76	363.83	394.87	380.05	18.2	1.09
1119.15	950.29	1032.04	91.16	1709.57	1093.33	1400.68	313.91	1.36
245.12	292.71	268.93	25.66	117.9	173.96	146.77	29.09	-1.83
630.82	645.55	639.71	13.6	779.95	579.92	679.94	101.67	1.06
654.54	623.98	639.18	22.08	639.69	596.14	615.43	31.55	-1.04
252.98	237.86	245.06	12.56	250.35	235.13	242.86	17.3	-1.01
718.61	753.49	736.94	20.87	600.82	662.05	631.21	32.11	-1.17
440.44	465.45	453.13	15.81	355.2	486.19	420.06	67.44	-1.08
385.43	467.95	427	41.61	443.14	430.8	436.49	13.86	1.02
129.47	125.14	126.7	10.37	135.57	135.12	135.37	5.25	1.07
587.39	556.59	570.25	23.74	604.1	690.61	647.88	43.21	1.14
318.74	323.53	320.76	14.91	360.51	326.23	343.99	25.9	1.07
215.9	258.62	237.26	22.09	326.13	352.54	339.76	14.49	1.43
261.62	246.59	253.66	13.75	278.52	242.26	260.99	22.35	1.03
37.53	35.3	36.44	3.01	24.79	36.63	30.75	6.76	-1.19
64.72	64.18	64.46	3.31	45.81	35.44	39.93	7.19	-1.61
24.02	26.09	25.11	3.17	4.65	3.6	3.86	2.25	-6.5
74.49	85.13	81.06	8.27	77.22	77.92	77.57	5.95	-1.04
136.46	161.55	148.19	13.67	209.08	209.94	209.53	12.62	1.41
471.92	592.75	531.6	63.48	343.32	440.79	390.53	52.24	-1.36
15.23	22.01	19.85	8.64	22.75	38.82	30.74	8.28	1.55
177.61	280.47	228.04	52.58	126.76	207.21	167.13	41.49	-1.36
29.02	30.92	30.22	3.23	32.07	31.67	31.92	2.57	1.06
49.92	53.7	51.3	4.8	51.98	45.82	49.3	6.22	-1.04
29.35	23.44	26.19	3.82	32.66	20.5	25.79	7.69	-1.02
7.67	16.47	12.29	5.45	25.74	31.87	28.92	3.95	2.35
1096.36	1216.03	1156.78	70.6	1125.48	1300.2	1212.81	100.87	1.05

44.29	37.67	40.65	4.3	50.67	44.3	47.36	5.26	1.17
635.3	715.21	675.59	41.61	667.07	710.35	686.94	28	1.02
42.11	40.28	41.24	4.31	53.72	46.71	51.01	6.64	1.24
129.31	113.84	121.36	9.82	84.46	93.93	90.11	6.86	-1.35
239.89	247.75	242.33	9.75	328.14	318.8	324.25	9.88	1.34
12.04	16.2	13.83	3.89	29.03	22.23	25.59	4.57	1.85
899.8	885.96	890.89	20.37	1034.95	921.89	978.99	57.96	1.1
3803.97	3376.66	3593.62	229.87	2744.85	2687.4	2713.31	96.54	-1.32
145.57	129.86	138.7	12.1	80.69	131	105.7	25.46	-1.31
250.01	239.52	245.81	13.01	216.12	203.14	209.59	13.68	-1.17
556.64	599.33	576.63	29.01	472.15	614.5	540.5	77.93	-1.07
496.71	505.9	499.72	15.94	491.97	572.09	535.07	44.19	1.07
47.76	51.36	49.21	8.73	69.62	34.34	51.13	20.58	1.04
83.68	87.81	85.7	9.03	52.55	57.86	55.13	11.98	-1.55
592.13	603	596.62	17.35	562.79	704.6	633.18	72.61	1.06
389.18	431.94	410.63	23.52	260.88	363.97	311.88	53.33	-1.32
719.38	643.77	682.64	42.97	533.62	550.69	542.04	23.09	-1.26
302.84	356.46	329.96	27.37	228.98	240.7	235.26	8.16	-1.4
121.49	118.53	119.77	8.11	111.6	114.59	112.85	9.45	-1.06
83.89	69.03	76.54	8.81	31.57	41.28	37.65	8.29	-2.03
283.23	359.92	321.53	39.61	258.55	298.21	278.54	21.66	-1.15
76.32	86.44	80.88	7.23	91.89	59.27	75.7	18	-1.07
1338.51	1414.01	1376	44.3	1366.33	1594.16	1479.37	115.29	1.08
612.19	597.64	605.36	19.42	467.23	465.94	466.71	26.53	-1.3
246.56	224.73	236.12	16.73	213.96	194.27	203.31	13.17	-1.16
1342.21	1452.15	1397.64	59.09	1595.62	1540.83	1567.53	35.76	1.12
484.45	486.29	485.42	18.46	495.67	464.49	479.56	24.6	-1.01
613.85	603.69	609	15.47	432.4	518.22	473.58	44.95	-1.29
40.16	66.08	52.68	13.58	17.27	57.26	37.03	20.35	-1.42
255.33	259.83	257.19	10.18	263.65	228.1	246.25	21.06	-1.04
40.17	29.85	35.11	6.62	91.8	54.25	73.09	19.36	2.08
168.84	162.45	165.39	9.2	197.77	184.94	192.18	11.56	1.16
268.94	294	281.17	17.4	222.15	230.9	226.8	19.57	-1.24
176.36	146.01	162.23	18.34	120.04	105.26	112.09	11.4	-1.45
409.36	417.94	415.08	15.57	491.46	375.62	434.81	63.24	1.05
164.28	174.38	169.65	10.35	187.84	188.23	188.02	12.62	1.11

150.95	179.82	165.33	16.03	144.54	124.25	135.14	12.59	-1.22
97.97	85.24	91.11	9.11	104.98	86.78	96.27	10.3	1.06
118.41	153.89	136.54	18.97	76.13	99.18	87.79	16.29	-1.56
134.17	165.62	149.58	18.13	123.23	141.53	130.66	15.93	-1.14
60.99	75.29	67.44	10.06	103.42	102.18	102.65	9.69	1.52
27.39	32.02	29.7	3.85	47.04	49.11	48.35	5.73	1.63
361.08	402.97	383.92	27.86	548.29	480.06	514.19	37.66	1.34
289.11	223.17	255.82	34.12	205.76	209.43	207.3	6.54	-1.23
143.77	137.94	141.39	9.33	109.67	103.37	105.89	8.51	-1.34
59.94	53.81	56.82	5.42	35.08	38.92	37.22	5.58	-1.53
66	65.67	65.82	5.62	61.35	67.13	63.91	7.25	-1.03
211.16	274.17	242.39	32.97	203.29	253.41	231.69	30.55	-1.05
393.86	357.03	375.71	23.25	475.2	452.96	462.24	22.44	1.23
164.4	149.16	156.92	10.56	108.66	88.31	98.23	12.75	-1.6
95.07	96.2	95.5	4.84	91.56	87.01	89.65	4.99	-1.07
104.77	125.46	114.92	11.62	122.35	104.68	113.45	10.89	-1.01
176.64	162.91	171.82	12.93	115.47	103.83	108.23	11.67	-1.59
156.66	149	152.48	9.11	134.85	157.99	147	13.08	-1.04
682.49	692.78	687.7	28.83	530.18	607.18	571.51	51.62	-1.2
80.62	92.97	87.73	7.79	79.84	76.12	78.08	8.53	-1.12
235.72	240.42	237.73	7.52	100.17	186.82	144.26	43.96	-1.65
64.68	63.75	64.32	5.82	56.85	36.7	46.75	11.8	-1.38
141.66	133.69	137.57	8.14	70.08	101.64	85.62	17.1	-1.61
262.05	243.44	252.37	11.77	235.07	250.6	245.87	22.69	-1.03
35.09	40.65	37.86	4.84	5.33	8.32	6.72	6.25	-5.63
804.33	888.44	849.85	46.42	711.67	807.69	761.43	54.91	-1.12
46.82	70.96	59.4	12.59	35.44	71.39	53.56	18.26	-1.11
28.18	33.33	30.38	3.78	6.12	33.87	20.51	14.28	-1.48
502.39	455.85	480.08	27.54	816.1	587.55	701.04	117.33	1.46
155.26	257.04	205.86	51.61	275.6	300.55	288.21	19.47	1.4
266.25	350.52	308.14	43.28	393.52	449	421.06	31.47	1.37
587.97	586.4	587.07	22.32	638.61	723.2	683.82	51.81	1.16
48.92	61.87	54.8	10.88	31.83	37.38	34.82	13.79	-1.57
1596.96	1611.8	1607.19	35.79	1842.27	1540.12	1689.84	155.45	1.05
691.44	672.62	682.44	15.12	652.08	775.21	713.34	64.1	1.05
8.85	8.94	8.9	2.48	11.87	1.05	5.9	6.5	-1.51

424.6	413.26	418.86	15.14	488.81	454.21	471.02	25.92	1.12
55.52	52.81	54.18	6.08	57.13	58.13	57.71	3.93	1.07
25.61	28.74	26.61	3.4	31	22.92	26.58	4.93	-1
8.18	19.89	13.63	9.17	13.4	8.64	10.68	5.3	-1.28
6.51	12.34	8.72	4.55	9.54	8.05	8.71	3.23	-1
12.77	21.68	17.44	6.52	11.02	21.51	15.87	7.43	-1.1
1201.63	1144.36	1170.61	46.44	1288.52	1113.44	1196.49	108.67	1.02
2111.78	2271.54	2193.43	84.49	1816.04	2408.1	2116.03	299.03	-1.04
1063.57	1336.46	1199.74	137.42	1362.23	1302.28	1331.38	40.15	1.11
35.3	21.83	28.14	7.47	3.85	15.26	9.14	7.09	-3.08
27.75	31.76	29.68	8.05	24.48	45.35	32.74	15.12	1.1
37.06	42.3	40.03	6.79	41.57	35.21	38.29	5.52	-1.05
357.91	362.8	359.81	10.67	338.38	392.72	366.65	28.26	1.02
22.23	12.74	17.96	5.88	10.06	13.74	12.11	2.82	-1.48
14.42	29.54	23	8.41	19.83	33.65	27.07	7.36	1.18
12111.43	12629.35	12359.2	310.95	11671.08	12367.13	12030.06	377.57	-1.03
754.58	842.3	796.16	47.38	622.5	697.94	658.45	44.34	-1.21
28.01	22.2	25.04	5.4	32.86	24.84	29.32	7.7	1.17
171.18	271.27	220.65	51.09	164.9	196.82	180.75	21.86	-1.22
4.63	4.1	4.39	2.8	2.15	26.83	14.48	12.4	3.3
15.04	18.68	16.94	6.06	17.11	19.26	18.28	5.58	1.08
54.78	45.33	49.81	6.72	53.64	48.51	50.77	7.02	1.02
435.18	430.76	433.2	19.26	346.96	359.03	351.93	28.26	-1.23
42.16	6.17	24.14	18.29	41.48	37.3	39.02	4.37	1.62
650.06	657.97	652.76	14.94	437.76	736.02	587.95	149.89	-1.11
4883.46	4355.83	4604.95	288.71	4551.8	4433.25	4492.18	97.57	-1.03
5752.72	5436.86	5578.98	198.8	5777.3	5697.04	5725.65	160.79	1.03
281.5	271.11	274.17	13.27	259.1	283.44	272.63	20.71	-1.01
165.16	240.14	202.29	42.19	229.5	361.24	293.48	68.67	1.45
86.17	125.13	106.34	21.89	70.69	93.42	81.49	14.11	-1.3
313.71	383.22	347.09	45.75	459.01	409.06	434.95	44.02	1.25
3.07	6.05	4.29	3.37	6.66	4.86	5.64	5.52	1.32
60.54	65.6	62.75	5.03	76.14	60.8	67.85	9.53	1.08
223.39	270.66	246.72	24.26	213.28	232.17	222.02	12.95	-1.11
118.65	92.1	105.74	14.39	100.73	106.36	103.29	6.23	-1.02
45.41	63.47	54.52	9.5	61.84	41.07	51.41	10.73	-1.06

44.53	50.43	47.33	6.79	28.69	27.24	27.93	5.95	-1.69
418.58	549.17	482.36	67.44	613.36	594.27	601.95	22.97	1.25
3.07	2.36	2.83	1.24	3.74	6.04	4.5	2.22	1.59
7428.98	7322.28	7358.43	108.6	6561.8	7044.95	6795.89	272.9	-1.08
25.74	3.73	14.92	11.39	45.87	42.78	44.35	2.9	2.97
6990.16	6789.82	6878.7	140.86	6519.19	6734.11	6625.22	159.45	-1.04
21.68	20.21	21	4.46	28.39	13.24	21.01	8.53	1
111.92	107.96	110.17	9.47	114.62	135.9	124.67	17.07	1.13
22.48	19.32	20.74	2.96	20.79	11.76	16.33	4.86	-1.27
92.22	104.81	98.81	8.15	74.83	92.71	83.75	10.04	-1.18
44.79	42.02	43.91	5.32	39.99	38.39	39.15	4.91	-1.12
13.92	12.91	13.45	8.47	18.67	21.78	19.97	9.71	1.48
10.75	11.68	11.08	2.33	20.08	16.51	17.56	6.79	1.58
1831.05	1264.25	1546.94	287.86	935.93	618.45	778.05	165.66	-1.99
4.98	9.07	6.74	6.98	9.81	2.69	5.03	8.02	-1.34
272.6	205.56	239.8	35.89	196.23	187.92	192.8	11.6	-1.24
1928.43	1894.14	1916.53	88.27	1519.46	1828.5	1670.17	173.21	-1.15
56.95	68.66	63.03	7.25	47.17	50.57	49.53	4.97	-1.27
92.53	91.44	91.95	6.61	48.61	63.19	55.83	10.23	-1.65
135.3	185.67	160.71	25.66	127.27	158.1	144.48	17.73	-1.11
301.06	230.76	263.57	45.41	474.06	371.26	426.67	65.17	1.62
527.68	676.34	602.9	74.39	477.6	552.34	516.11	38.7	-1.17
38.72	41.39	39.92	5.07	13.15	9.25	11.14	5.64	-3.58
48.29	44.07	46.11	4.45	4.3	22.41	13.5	9.18	-3.41
269.23	408.12	337.74	70.64	197.51	314.74	254.01	63.47	-1.33
395.07	386.08	390.33	11.32	415.34	398.53	407.27	22.45	1.04
164.18	160.87	162.84	6.26	247.05	148.74	197.78	50.06	1.21
42.85	55.28	49.29	7.16	31.36	26.78	29.42	3.48	-1.68
90	112.65	102.16	12.63	119.71	109.63	114.9	8.33	1.12
9.15	8.82	9.06	2.1	4.43	15.92	10.07	6.41	1.11
44.81	36.38	40.81	6.27	30.68	42.49	37	7.54	-1.1
34.88	61.84	47.92	15.5	32.33	53.39	41.93	12.4	-1.14
7.71	19.31	13.23	6.29	13.92	12.2	13.02	2.71	-1.02
373.02	493.69	433.3	61.46	405.61	463.16	432.92	33.7	-1
74.32	81.39	76.98	9.37	86.45	93.71	90.25	10.06	1.17
24.64	23.22	23.86	7.6	84.73	86.97	85.96	8.13	3.6

40.03	29.62	34.93	5.52	18.47	11.93	15.19	4.85	-2.3
192.23	246.21	216.11	34.72	272.56	234.4	256	35.3	1.18
41.77	20	31.14	11.46	22.02	1.16	11.47	10.8	-2.72
53.16	74.36	63.3	12.63	42.71	53.61	48.28	7.91	-1.31
30.53	38.99	34.84	7.46	61.04	49.65	55.78	13.59	1.6
41.57	48.99	45.44	6.16	40.11	50.03	46	6.8	1.01
18.83	20.92	20.25	2.5	21.31	21.08	21.19	1.15	1.05
36.04	30.08	33.2	5.82	6.89	9.29	8.16	4.42	-4.07
29.48	31.79	30.55	4.5	24.72	21.33	23	4.54	-1.33
112.97	109.56	111.35	6.46	141.91	158.05	150.78	9.48	1.35
247.88	303.29	274.91	29.47	251.52	264.61	258.03	10.9	-1.07
72.85	95.14	83.8	12.42	29.47	41.82	36.08	7.36	-2.32
140.72	107.86	123.79	17.8	52.61	44.87	48.09	5.16	-2.57
2.35	13.56	8.02	5.77	10.96	10.79	10.86	1.9	1.35
41.31	19.19	30.35	11.79	27.37	41.08	33.77	7.32	1.11
186.41	245.02	215.26	30.18	263.33	235.58	246.9	20.2	1.15
78.75	78.73	78.74	5.84	42.75	36.05	39.36	6.11	-2
10.23	6.78	9.13	2.86	23.47	26.96	25.08	3.13	2.75
33.31	29.2	31.07	6.26	35.08	27.28	30.48	6.61	-1.02
10.17	11.2	10.54	4.02	14.81	19.84	17.33	2.7	1.64
302.53	215.95	259.11	45.26	101.12	107.63	105.1	9.3	-2.47
69.28	57.43	63.89	7.13	30.2	24.17	27.63	4.07	-2.31
50.52	42.63	46.6	4.69	15.19	21.03	18.37	3.61	-2.54
10.88	18.83	14.69	4.5	35.68	53.93	44.62	9.78	3.04
36.58	51.94	44.53	8.56	25.32	23.68	24.41	3.6	-1.82
39.65	26.9	32.85	7.77	33.17	31.17	31.96	4.38	-1.03
6.02	1.23	3.65	3.21	8.87	3.4	6.18	4.85	1.69
22.26	14.25	18.32	6.02	20.96	19.16	20.28	3.68	1.11
5.99	2.27	3.67	3.61	16.48	19.19	17.9	3.35	4.88
6.58	9.11	7.55	3.55	24.46	35.78	29.49	6.95	3.9
1	4.2	2.06	2.49	2.9	12.87	7.88	5.28	3.83
2.19	7.09	4.12	3.26	15.88	23.58	20.5	4.79	4.98
30.01	28.74	29.42	6.21	26.75	28.12	27.37	2.94	-1.07
412.32	478.34	445.08	34.49	505.6	455.7	479.58	29.89	1.08
3	3.22	3.11	4.66	2.51	3.57	3.02	4.22	-1.03
46.45	49.85	48.1	6.78	40.91	39.65	40.36	7.28	-1.19

2793.55	3068.04	2930.32	139.32	2556.95	3005.54	2779.22	230.72	-1.05
47.45	51.72	50.32	4.85	26.06	25.23	25.62	3.1	-1.96
48.58	86.96	68.71	19.78	15.87	33.64	23.78	10.82	-2.89
9.66	5.15	7.05	3.18	31.13	28.2	29.32	4.69	4.16
96.26	99.88	97.77	9.11	75.24	108.01	89.99	18.35	-1.09
49.71	65.4	57.25	8.35	21.98	51.39	36.58	15	-1.57
112.47	103.38	108.61	21.42	137.02	191.18	164.03	27.57	1.51
34.39	39.19	37.41	4.77	35.52	28.26	32.74	5.57	-1.14
5.82	6.63	6.2	1.88	24.05	30.93	27.67	3.95	4.46
78.72	45.43	62.08	17.16	59.01	34.66	46.63	13.21	-1.33
15.78	13.27	14.95	4.13	40.23	35.53	37.69	4.44	2.52
7.08	10.99	8.49	3.18	6.68	14.12	10.75	4.81	1.27
3.84	6.56	4.63	3.03	6.86	3.52	5.49	2.61	1.19
43.89	48.99	47.14	4.89	45.35	38.76	41.99	5.38	-1.12
10.57	16.69	13.26	5.49	35.56	22.38	28.32	8.66	2.14
11.42	5.32	7.69	5.66	27.49	36.07	31.7	4.71	4.12
46.7	59.58	52.76	7.6	24.58	23.6	23.87	4.29	-2.21
58.94	60.08	59.57	9.27	67.78	55.31	61.96	10.2	1.04
116.06	155.21	135.45	20.75	72.98	146.07	108.98	37.39	-1.24
5.35	5.54	5.46	2	25.61	30.53	28.43	3.86	5.2
145.41	197.73	171.6	27.07	116	158.19	136.73	24.09	-1.26
14.8	10.09	12.83	4.18	22.86	8.33	15.25	9.33	1.19
43.09	28.6	35.62	8.17	41.9	31.81	36.75	6.63	1.03
13.47	31.48	22.26	9.22	1	2.31	1.36	1.62	-16.42
38.34	29.6	33.89	5.37	11.31	15.81	12.87	3.76	-2.63
29.77	45.87	37.46	8.43	15.91	8.24	12.19	4.75	-3.07
233.27	174.08	203.71	30.37	92.32	83.97	87.93	6.96	-2.32
44.01	44.72	44.44	2.52	20.66	21.11	20.87	2.35	-2.13
25.11	28.47	26.61	4.75	56.17	67	60.45	7.91	2.27
35.32	44.32	39.59	5.34	8.3	18.58	13.46	5.5	-2.94
45.95	40.46	43.28	4.49	18.28	45.58	32.21	13.88	-1.34
23.6	29.49	26.33	3.74	32.18	11.11	21.45	11.14	-1.23
40.26	30.85	36.03	5.7	27.22	13.89	20.53	7.39	-1.75
27.88	26.45	27.09	3.05	36.29	34.35	35.4	5.09	1.31
60.85	4.97	32.78	28.76	4.62	10.49	7.54	4.67	-4.35
44.38	42.09	43.08	1.99	45.53	35.58	41.03	5.82	-1.05

6.99	11.63	9.54	2.78	36.03	25.67	31.36	6.6	3.29
15.72	17.32	16.3	4.66	47.14	36.65	41.57	6.01	2.55
51.31	52.02	51.83	3.26	53.32	51.61	52.43	9.2	1.01
122.39	190.07	155.93	34.96	90.91	141.4	115.98	26.17	-1.34
1.24	7.41	4.2	3.21	35.11	21.95	28.63	7.08	6.82
151.89	202.34	176.99	26.64	61.86	90.09	75.8	15.14	-2.33
113.72	186.25	149.97	36.24	68.25	138.07	103.11	34.98	-1.45
8.13	3.25	5.36	2.99	30.34	26.43	28.62	3.15	5.34
46.78	47.62	47.16	4.36	21.37	15.66	18.56	5.88	-2.54
27.79	25.77	26.83	3.15	25.51	15.37	20.83	6.41	-1.29
13.41	14.15	13.91	7.59	15.95	7.51	11.19	6.64	-1.24
3.01	9.06	6.09	4.41	4.55	17.75	11.05	6.82	1.81
25.6	25.4	25.52	2.54	18.95	36.05	27.8	8.72	1.09
40.84	52.28	46.98	6.19	30.89	26.12	27.82	5.62	-1.69
34	27.43	30.05	4.78	14.87	19.65	16.64	5.03	-1.81
8.07	7.41	7.72	4.68	27.05	40.87	33.64	7.94	4.36
5.59	4.82	5.21	5.59	65.21	6.15	35.65	30.67	6.84
13.4	14.01	13.83	3.95	17.82	13.76	16.12	5.38	1.17
21.8	36.67	29.22	8.57	26.77	30.19	28.34	3.93	-1.03
41.81	29.33	35.09	7.57	5.36	34.74	19.89	15.03	-1.76
12.85	8.23	10.47	5.15	38.15	33.47	35.4	4.51	3.38
18.96	13.54	16.22	3.55	19.46	37.21	28.34	9.16	1.75
96.05	140.91	118.08	23.16	63.79	77.51	70.12	8.27	-1.68
37.22	36.42	36.76	4.28	37.62	44.46	40.75	3.94	1.11
23.36	28.11	25.21	3.61	55.9	28.94	42.49	14.31	1.69
1.17	6.46	3.49	3.38	29.42	19.97	24.46	6.25	7
123.85	146.51	134.82	12.72	136.2	144.11	140.43	7.47	1.04
195.38	201	198.2	17.76	233.12	207.19	221.45	22.32	1.12

lower bound	upper bound	difference of	filtered	DMSOA70	DMSOB70	baseline mea	baseline mea	BKM120A70
0.94	1.44	75.86		400.58	442.68	423.25	22.87	183.86
-0.94	-1.1	-11.32		631.61	675.45	653.35	24.68	424.6
-0.93	-1.24	-47.56		617.97	695.64	657.45	40.83	1028.15
-0.92	-1.22	-18.11		363.33	372.7	366.48	15.93	183.63
0.88	1.19	30.2		1172.01	1322.43	1245.5	77.4	589.87
-0.99	-2.31	-38.58		110.89	139.6	125.11	15.31	57.15
0.89	1.21	43.83		1096.02	1217.08	1159.52	73.07	1826.88
-0.93	-1.42	-79.02		515.18	634.2	574.71	62.48	1233.46
-0.7	-1.36	-3.76		354.32	506.15	431.4	77.87	988.73
-0.79	-1.35	-58.13		893.02	1191.99	1041.66	151.83	2501.6
-1.1	-1.37	-546.09		3101.86	2752.62	2926.87	181.59	5166.19
-0.94	-1.1	-15.47		1039.1	1060.35	1051.34	21.68	1484.87
0.93	1.3	33.49		336.27	402.96	369.18	34.58	196.71
0.94	1.18	43.53		760.88	807.81	782.49	27.93	472.51
-0.94	-1.36	-106.8		908.62	1026.78	966.17	67.8	552.15
-0.93	-1.19	-66.44		1425.62	1476.09	1452.52	46.27	1149.99
-1.12	-1.49	-61.5		278.29	256.4	268.43	19.4	146.92
0.87	2.61	29.66		60.98	60.7	60.84	14.05	95.6

-1	-1.62	-229.92	1055.37	1203.55	1133.04	77.04	321.91
0.79	1.31	12.78	308.02	289.41	298.97	17.58	186.22
0.88	2.88	14.88	19.4	23.16	20.82	3.75	28.81
-1.08	-1.43	-594.65	3164.95	3174.63	3171.38	76.68	1768.04
-0.86	-1.28	-12.31	247.29	283.17	263.81	22.74	140.23
-0.97	-2.15	-24.64	95.19	89.74	93.38	7.21	69.73
-0.77	-1.33	-6.88	399.13	469.53	431.37	49.77	761.5
0.96	1.11	158.32	4310.71	4464	4388.22	102.33	3091.45
0.96	1.22	55.2	699.72	766.61	733.63	44.91	366.22
0.88	1.38	53.22	532.74	679.17	605.2	73.9	198.33
-0.84	-1.23	-10.96	332.73	404.8	367.77	37.34	213.77
-0.85	-1.38	-22.03	356.71	393.73	376.32	21.43	580.8
0.78	1.24	1.07	390.53	371.98	384.27	17.35	231.29
-0.91	-1.43	-323.09	2334.47	2806.73	2571.04	243.53	1260.81
0.9	1.15	9.96	868.27	762.87	815.37	56.01	511.89
-1.05	-1.21	-85.25	774.64	759.93	767.96	18.65	497.43
0.74	1.53	26.37	257.65	231.91	245.21	22.75	125.36
-1.15	-1.65	-150.31	579.41	483.63	532.99	53.74	231.57
-1.02	-1.51	-146.22	747.12	813.24	781.99	41.12	349.18
-1.17	-1.55	-136.21	543.79	544.73	544.35	12.21	845.68
1.3	2.16	172.1	240.37	241.22	240.82	11.93	366.06
0.85	1.21	6.22	270.58	279.35	274.62	12.37	141.26
1.29	21.17	10.54	6.31	2.72	4.32	2.18	3.8
0.96	1.26	27.63	262.44	255.37	259.8	8.33	180.91
0.99	1.16	110.92	1461.89	1479.53	1471.01	34.19	941.84
-1.09	-1.7	-140.04	507.55	583.11	545.75	39.99	262.69
0.71	1.44	8.69	142.53	141.17	141.8	8.62	78.15
-1.14	-1.59	-70.21	269.02	294.12	281.73	13.68	126.08
-0.94	-1.74	-43.81	186.38	217.15	202.5	26.64	75.06
1.34	3.34	23.58	19.84	28.78	24.28	5.86	50.02
0.82	1.25	22.09	729.85	760.26	746.61	35.33	416.85
-1	-1.51	-18.6	93.82	108.46	101.17	8.72	74.39
0.89	1.21	5.58	132.7	133.83	133.44	6.1	82.42
-1.04	-1.4	-75.08	467.71	450.38	458.51	16.09	131.56
-1.05	-1.36	-77.84	499.56	482.99	493.6	15.79	142.59
1.04	1.37	92.24	459.94	514.65	487.36	28.36	234.24

0.75	1.47	4.25		103.77	136.36	119.48	18.82	8.96
0.72	1.53	202.99		2394.11	3023.73	2705.82	342.79	1222.17
-0.91	-1.14	-4		290.14	287.03	288.53	10.61	156.13
-1.16	-1.7	-52.35		186.67	192.37	188.82	8.99	329.92
-0.91	-1.72	-37.91		202.93	230.83	215.49	17.48	114.16
-1.1	-1.35	-1202.38		6884.42	6667.52	6762.95	149.71	5279.87
-1.04	-1.29	-774.64		5981.73	5671.05	5816.73	186.34	4963.99
0.68	1.63	0.4		33.17	25.57	28.83	6.13	52.46
0.6	3.28	2.85		9.31	18.61	14.23	5.34	34.52
-1.06	-1.43	-116.35		588.56	659.72	625.21	37.64	259.27
-1.44	-2.77	-79.91		155.2	176.79	165.91	13.26	128.09
-1.25	-1.6	-888.04		3172.31	2799.22	2985.37	199.9	2343.31
-1.02	-2.19	-53.32		177.03	190.3	184.77	11.53	125.56
-0.95	-1.56	-65.61		407.66	422.06	415.98	13.72	240.9
1.15	1.77	230.46		500.5	629.42	565.04	64.94	90.66
-1.17	-2.4	-17.69		43.27	47.96	46.01	5.05	14.29
1.03	1.19	115.45		1040.51	1072.73	1055.77	25.34	588.88
-0.76	-1.95	-6.82		62.88	62.56	62.7	6.09	95.74
0.84	1.21	32.25		1536.86	1668.23	1603.87	74.45	1008.5
-1.49	-3.06	-21.72		45.68	36.66	41.03	5.96	16.55
-1.59	-2.42	-60.87	*	131.39	115.27	124.34	11.11	55.01
-0.88	-1.24	-9.15		251.97	242.26	246.97	10.96	164.17
-1.06	-1.91	-44.4		164.26	141.72	153.34	16.06	80.28
0.89	1.45	19.29		148.94	189.87	169.31	22.74	74.95
-1.11	-1.56	-95.68		384.66	426.13	404.69	23.54	148.23
-0.8	-1.53	-15.07		269.2	272.41	270.96	17.32	152.72
0.99	3.58	14.68		21.17	14.28	18.31	5.11	21.63
-0.56	-2.65	-4.71		42.13	64.02	52.69	12.75	82.52
-0.74	-2.33	-4.88		32.46	30.15	31.21	4.38	12.78
0.86	1.26	34.08		612.56	666.1	639.3	31.07	382.95
0.03	2.21	1.68		19.7	21.2	20.37	2.17	24.67
0.97	1.97	16.36		42.24	46.1	44.43	7.03	68.1
0.04	6.06	4.71		12.16	10.27	11.4	5.08	26.24
-0.96	-2.16	-12.18		43.21	47.09	44.64	4.81	17.13
-1.16	-1.87	-33.74		109.9	108.73	109.23	6.26	56.19
0.72	1.43	6.56		331.58	255.8	293.47	39.34	130.5

0.91	1.21	16.55	347.51	402.21	375.06	29.27	570.62	
-0.95	-1.42	-65.18	502.03	436.93	468.61	41.24	329.85	
-1.11	-1.72	-289.44	1119.74	1094.8	1106.8	44.63	685.6	
0.87	1.27	98.21	1488.83	1530.57	1510.57	42.02	2895.7	
1.05	1.3	355.83	2096.77	2090.8	2093.23	36.95	1358.16	
0.85	1.19	6.65	362.71	363.67	363.16	10.85	629.42	
-0.9	-1.14	-5.76	538.49	561.76	548.01	24.04	780.05	
-0.98	-1.13	-74.17	1436.61	1466.58	1453.53	37.55	1001.76	
-0.86	-1.42	-13.93	158.45	175.26	167.04	12.95	108.37	
-0.83	-1.72	-56.12	429.03	338.73	383.66	49.92	732.27	
-0.99	-1.35	-121.98	939.65	963.78	951.04	22.38	629	
-1.07	-1.36	-88.68	502.91	542.89	523.53	25.62	287.49	
0.79	1.64	19.44	109.97	109.54	109.8	11.94	151.5	
-1.11	-1.47	-335.68	1646.77	1487.86	1565.21	90.33	1191.8	
1.11	1.43	64.5	240.19	248.92	245.5	12.84	107.63	
-1.13	-1.84	-144.92	492.39	506.87	501.38	14.05	241.18	
-0.84	-1.41	-23.9	207.33	270.31	239.15	32.5	102.03	
0.89	1.19	21.35	589.19	579.28	584.84	14.94	208.09	
0.69	1.46	5.06	109.85	119.37	116.55	12.35	118.59	
0.79	1.6	68.51	403.28	357.68	380.47	25.62	39.06	
-1.13	-1.42	-89.36	442.54	406.51	422.03	22.67	276.73	
-0.93	-2.26	-963.49	2911.29	3817.99	3352.34	510.52	1050.43	
-0.98	-2.28	-9.88	28.22	35.92	31.65	4.48	14.19	
-1.04	-2.06	-26.08	95.34	85.53	90.2	6.77	49.65	
-1	-1.47	-36.5	203.92	218.23	211.27	14.35	340.99	
1.29	2.05	35.84	63.16	53.61	58.74	6.77	72.35	
-1.12	-1.49	-38.42	178.08	173.61	176.04	5.8	116.6	
0.08	2.21	6.59	50.17	51.78	50.98	4.02	23.6	
1.08	1.46	30.38	114.17	116.59	115.33	4.37	71.48	
1.3	100000000	12.3	2.83	2.64	2.71	3.71	17.81	
-0.98	-1.56	-22.01	127.34	123.91	125.6	7.78	70.39	
0.98	1.28	37.64	290.16	302.53	296.67	12.36	526.44	
1.92	16.2	24.38 *	12.8	6.93	9.35	4.41	24.69	
1.14	1.59	127.01	350.31	351.99	351.14	8.55	565.45	
1.31	1.75	834.77	1533.24	1746.29	1640.26	116.41	2432.32	
-0.8	-3.21	-10.3	43.3	38.75	40.82	4.97	14.33	

-1	-1.6	-445.3		2205.41	2410.28	2317.35	109.44	1315.41
-1	-1.26	-231.75		2213.18	2205.45	2210.4	64.1	1212.07
-1.15	-1.48	-369.15		1640.81	1447.87	1541.2	108.2	1231.44
-0.93	-1.18	-168.67		3764.94	3827.43	3802.2	173.07	2646.04
-1.19	-1.76	-88.48		308.89	269.89	289.23	21.19	208.13
0.97	1.33	42.12		307.58	299.09	302.61	16.07	551.29
-0.91	-1.15	-9.53		395.92	424.74	411.02	19.93	625.78
0.74	1.63	33.33		439.95	316.84	377.33	65.75	1069.64
0.96	1.32	100.16		719.93	762.45	740.61	31.3	1202.93
0.93	1.29	30.17		325.94	376.7	349.88	30.76	156.18
0.84	1.93	368.64		1119.15	950.29	1032.04	91.16	2073.92
-1.32	-2.78	-122.16		245.12	292.71	268.93	25.66	167.5
0.8	1.33	40.24		630.82	645.55	639.71	13.6	439.08
-0.94	-1.15	-23.75		654.54	623.98	639.18	22.08	459.35
-0.88	-1.17	-2.21		252.98	237.86	245.06	12.56	465.7
-1.06	-1.29	-105.73		718.61	753.49	736.94	20.87	456.21
-0.85	-1.47	-33.07		440.44	465.45	453.13	15.81	755.16
0.87	1.23	9.49		385.43	467.95	427	41.61	195.42
0.93	1.25	8.67		129.47	125.14	126.7	10.37	40.9
0.99	1.29	77.63		587.39	556.59	570.25	23.74	158.04
0.92	1.24	23.23		318.74	323.53	320.76	14.91	225.99
1.22	1.71	102.5		215.9	258.62	237.26	22.09	22.29
0.86	1.21	7.33		261.62	246.59	253.66	13.75	205.03
-0.84	-1.89	-5.69		37.53	35.3	36.44	3.01	49.71
-1.23	-2.31	-24.53		64.72	64.18	64.46	3.31	40.8
-3.18	-155.72	-21.25	*	24.02	26.09	25.11	3.17	3.75
-0.84	-1.28	-3.48		74.49	85.13	81.06	8.27	39.1
1.19	1.71	61.35		136.46	161.55	148.19	13.67	276.33
-1.01	-1.85	-141.08		471.92	592.75	531.6	63.48	198.19
0.7	5.65	10.88		15.23	22.01	19.85	8.64	21.44
-0.76	-2.51	-60.92		177.61	280.47	228.04	52.58	430.49
0.85	1.33	1.7		29.02	30.92	30.22	3.23	17.09
-0.81	-1.37	-2		49.92	53.7	51.3	4.8	81.84
-0.62	-2.05	-0.4		29.35	23.44	26.19	3.82	26.06
1.28	8.78	16.63		7.67	16.47	12.29	5.45	18.13
0.88	1.24	56.03		1096.36	1216.03	1156.78	70.6	1816.29

0.9	1.5	6.71	44.29	37.67	40.65	4.3	24.96
0.9	1.15	11.36	635.3	715.21	675.59	41.61	380.65
0.93	1.62	9.77	42.11	40.28	41.24	4.31	65.91
-1.12	-1.62	-31.25	129.31	113.84	121.36	9.82	63.84
1.23	1.46	81.92	239.89	247.75	242.33	9.75	121.48
1.1	3.6	11.76	12.04	16.2	13.83	3.89	55.14
0.99	1.22	88.1	899.8	885.96	890.89	20.37	649.19
-1.17	-1.49	-880.32	3803.97	3376.66	3593.62	229.87	2910.45
-0.91	-2.21	-33	145.57	129.86	138.7	12.1	86.61
-1.02	-1.35	-36.22	250.01	239.52	245.81	13.01	120.12
-0.85	-1.41	-36.12	556.64	599.33	576.63	29.01	384.19
0.92	1.23	35.36	496.71	505.9	499.72	15.94	271.2
0.34	1.93	1.92	47.76	51.36	49.21	8.73	89.34
-1.08	-2.48	-30.57	83.68	87.81	85.7	9.03	42.19
0.86	1.27	36.56	592.13	603	596.62	17.35	858.04
-1.01	-1.85	-98.75	389.18	431.94	410.63	23.52	203
-1.11	-1.42	-140.59	719.38	643.77	682.64	42.97	460.18
-1.2	-1.61	-94.7	302.84	356.46	329.96	27.37	207.8
-0.89	-1.27	-6.92	121.49	118.53	119.77	8.11	63.7
-1.4	-3.28	-38.89	83.89	69.03	76.54	8.81	39.46
-0.89	-1.45	-42.99	283.23	359.92	321.53	39.61	151.97
-0.74	-1.78	-5.18	76.32	86.44	80.88	7.23	45.43
0.93	1.23	103.37	1338.51	1414.01	1376	44.3	1951.82
-1.17	-1.45	-138.65	612.19	597.64	605.36	19.42	418.99
-0.99	-1.36	-32.8	246.56	224.73	236.12	16.73	151.88
1.04	1.22	169.89	1342.21	1452.15	1397.64	59.09	759.96
-0.91	-1.13	-5.87	484.45	486.29	485.42	18.46	253.77
-1.11	-1.53	-135.42	613.85	603.69	609	15.47	468.54
-0.61	-14.95	-15.65	40.16	66.08	52.68	13.58	95.73
-0.9	-1.23	-10.94	255.33	259.83	257.19	10.18	170.47
1.11	3.49	37.99	40.17	29.85	35.11	6.62	15.78
1.01	1.33	26.79	168.84	162.45	165.39	9.2	240.65
-1.04	-1.49	-54.36	268.94	294	281.17	17.4	171.3
-1.12	-1.86	-50.14	176.36	146.01	162.23	18.34	129.41
0.79	1.31	19.73	409.36	417.94	415.08	15.57	168.13
0.95	1.29	18.37	164.28	174.38	169.65	10.35	241.83

-0.98	-1.53	-30.19		150.95	179.82	165.33	16.03	61.34
0.83	1.35	5.16		97.97	85.24	91.11	9.11	45.85
-1.07	-2.36	-48.75		118.41	153.89	136.54	18.97	59.43
-0.86	-1.53	-18.92		134.17	165.62	149.58	18.13	60.37
1.15	2.09	35.21		60.99	75.29	67.44	10.06	27.08
1.22	2.19	18.65		27.39	32.02	29.7	3.85	49.77
1.13	1.59	130.27		361.08	402.97	383.92	27.86	113.41
-0.96	-1.52	-48.52		289.11	223.17	255.82	34.12	164.99
-1.13	-1.59	-35.5		143.77	137.94	141.39	9.33	362.79
-1.15	-2.1	-19.6		59.94	53.81	56.82	5.42	106.92
-0.82	-1.31	-1.91		66	65.67	65.82	5.62	125.23
-0.76	-1.44	-10.71		211.16	274.17	242.39	32.97	74.48
1.08	1.4	86.53		393.86	357.03	375.71	23.25	612.46
-1.27	-2.07	-58.69		164.4	149.16	156.92	10.56	90.43
-0.94	-1.21	-5.85		95.07	96.2	95.5	4.84	65.95
-0.8	-1.28	-1.47		104.77	125.46	114.92	11.62	64.78
-1.29	-1.99	-63.59		176.64	162.91	171.82	12.93	158.98
-0.87	-1.25	-5.47		156.66	149	152.48	9.11	110.48
-1.03	-1.43	-116.19		682.49	692.78	687.7	28.83	377.05
-0.89	-1.43	-9.65		80.62	92.97	87.73	7.79	46.8
-1.09	-3.31	-93.46		235.72	240.42	237.73	7.52	152.37
-0.94	-2.39	-17.56		64.68	63.75	64.32	5.82	21.74
-1.19	-2.42	-51.95		141.66	133.69	137.57	8.14	95.6
-0.87	-1.23	-6.5		262.05	243.44	252.37	11.77	165.37
-2.15	-100000000	-31.14	*	35.09	40.65	37.86	4.84	3.61
-0.96	-1.3	-88.42		804.33	888.44	849.85	46.42	823.21
-0.6	-2.64	-5.84		46.82	70.96	59.4	12.59	26.34
-0.66	-100000000	-9.87		28.18	33.33	30.38	3.78	18.12
1.05	1.9	220.96		502.39	455.85	480.08	27.54	371.37
0.97	2.4	82.35		155.26	257.04	205.86	51.61	47.91
1.07	1.82	112.92		266.25	350.52	308.14	43.28	91.03
1.01	1.33	96.74		587.97	586.4	587.07	22.32	554.79
-0.83	-4.64	-19.98		48.92	61.87	54.8	10.88	26.2
0.89	1.22	82.65		1596.96	1611.8	1607.19	35.79	1993.92
0.89	1.21	30.9		691.44	672.62	682.44	15.12	696.49
-0.45	-100000000	-3		8.85	8.94	8.9	2.48	7.08

1.01	1.25	52.17	424.6	413.26	418.86	15.14	314.26
0.87	1.34	3.53	55.52	52.81	54.18	6.08	40.65
-0.7	-1.51	-0.03	25.61	28.74	26.61	3.4	32.33
0	-7.78	-2.95	8.18	19.89	13.63	9.17	13.65
-0.14	-3.05	0	6.51	12.34	8.72	4.55	8.36
-0.37	-5.02	-1.57	12.77	21.68	17.44	6.52	18.69
0.86	1.19	25.88	1201.63	1144.36	1170.61	46.44	1707.24
-0.83	-1.36	-77.4	2111.78	2271.54	2193.43	84.49	2536.68
0.93	1.37	131.64	1063.57	1336.46	1199.74	137.42	1604.2
-1.12	-100000000	-19	35.3	21.83	28.14	7.47	9.84
0.26	2.5	3.06	27.75	31.76	29.68	8.05	18.61
-0.71	-1.51	-1.74	37.06	42.3	40.03	6.79	45.01
0.88	1.16	6.84	357.91	362.8	359.81	10.67	209.44
-0.65	-2.83	-5.84	22.23	12.74	17.96	5.88	7.45
0.55	3.13	4.06	14.42	29.54	23	8.41	24.33
-0.96	-1.1	-329.14	12111.43	12629.35	12359.2	310.95	12521.72
-1.04	-1.4	-137.71	754.58	842.3	796.16	47.38	664.58
0.62	2.06	4.28	28.01	22.2	25.04	5.4	15.56
-0.73	-1.81	-39.9	171.18	271.27	220.65	51.09	97.52
0	100000000	10.09	4.63	4.1	4.39	2.8	8.72
0.47	2.83	1.35	15.04	18.68	16.94	6.06	15.84
0.74	1.41	0.96	54.78	45.33	49.81	6.72	66.94
-1.06	-1.44	-81.28	435.18	430.76	433.2	19.26	915.14
0.7	100000000	14.87	42.16	6.17	24.14	18.29	45.88
-0.78	-1.91	-64.81	650.06	657.97	652.76	14.94	630.65
-0.91	-1.14	-112.77	4883.46	4355.83	4604.95	288.71	4412.57
0.95	1.11	146.68	5752.72	5436.86	5578.98	198.8	5876.25
-0.87	-1.17	-1.55	281.5	271.11	274.17	13.27	241.97
0.82	2.46	91.19	165.16	240.14	202.29	42.19	52.28
-0.81	-2.03	-24.84	86.17	125.13	106.34	21.89	45.43
0.96	1.67	87.86	313.71	383.22	347.09	45.75	487.38
0	100000000	1.35	3.07	6.05	4.29	3.37	3.36
0.81	1.39	5.1	60.54	65.6	62.75	5.03	70.55
-0.91	-1.33	-24.7	223.39	270.66	246.72	24.26	155.24
-0.78	-1.29	-2.44	118.65	92.1	105.74	14.39	80.84
-0.68	-1.73	-3.11	45.41	63.47	54.52	9.5	76.26

-1.13	-2.73	-19.4		44.53	50.43	47.33	6.79	39.11
1	1.63	119.59		418.58	549.17	482.36	67.44	672.62
0.28	6.31	1.66		3.07	2.36	2.83	1.24	3.62
-1.01	-1.16	-562.54		7428.98	7322.28	7358.43	108.6	5790.27
1.3	100000000	29.43		25.74	3.73	14.92	11.39	12.35
-0.99	-1.09	-253.48		6990.16	6789.82	6878.7	140.86	5923.32
0.32	1.96	0.01		21.68	20.21	21	4.46	23.3
0.85	1.46	14.5		111.92	107.96	110.17	9.47	94.11
-0.78	-2.56	-4.41		22.48	19.32	20.74	2.96	12.38
-0.94	-1.52	-15.06		92.22	104.81	98.81	8.15	56.49
-0.84	-1.5	-4.76		44.79	42.02	43.91	5.32	26.19
0.27	100000000	6.52		13.92	12.91	13.45	8.47	14.07
0.56	3.04	6.48		10.75	11.68	11.08	2.33	13.62
-1.24	-3.29	-768.89		1831.05	1264.25	1546.94	287.86	340.69
0	-100000000	-1.71		4.98	9.07	6.74	6.98	11.94
-0.92	-1.59	-47		272.6	205.56	239.8	35.89	649.45
-0.96	-1.4	-246.37		1928.43	1894.14	1916.53	88.27	1908.33
-0.98	-1.63	-13.5		56.95	68.66	63.03	7.25	21.13
-1.23	-2.39	-36.13		92.53	91.44	91.95	6.61	222.85
-0.78	-1.54	-16.24		135.3	185.67	160.71	25.66	36.83
1.11	2.41	163.1		301.06	230.76	263.57	45.41	518.89
-0.91	-1.47	-86.79		527.68	676.34	602.9	74.39	485.11
-1.86	-21.52	-28.78	*	38.72	41.39	39.92	5.07	12.11
-1.57	-100000000	-32.6	*	48.29	44.07	46.11	4.45	32.71
-0.77	-2.43	-83.72		269.23	408.12	337.74	70.64	60.83
0.94	1.15	16.94		395.07	386.08	390.33	11.32	549.13
0.71	1.73	34.94		164.18	160.87	162.84	6.26	84.98
-1.21	-2.27	-19.87		42.85	55.28	49.29	7.16	23.67
0.9	1.45	12.74		90	112.65	102.16	12.63	48.32
0	2.65	1		9.15	8.82	9.06	2.1	22.89
-0.73	-1.75	-3.82		44.81	36.38	40.81	6.27	47.14
-0.49	-2.5	-5.98		34.88	61.84	47.92	15.5	38.28
-0.22	-2.08	-0.21		7.71	19.31	13.23	6.29	8.46
-0.75	-1.29	-0.37		373.02	493.69	433.3	61.46	196.91
0.89	1.55	13.27		74.32	81.39	76.98	9.37	34.83
2.28	7.65	62.1	*	24.64	23.22	23.86	7.6	27.41

-1.37	-4.99	-19.74		40.03	29.62	34.93	5.52	7.29
0.84	1.71	39.89		192.23	246.21	216.11	34.72	68.31
-0.73	-100000000	-19.68		41.77	20	31.14	11.46	4.12
-0.83	-2	-15.02		53.16	74.36	63.3	12.63	20.35
0.89	2.77	20.94		30.53	38.99	34.84	7.46	15.37
0.72	1.41	0.56		41.57	48.99	45.44	6.16	10.18
0.85	1.33	0.94		18.83	20.92	20.25	2.5	10.1
-1.96	-37.49	-25.05	*	36.04	30.08	33.2	5.82	36.39
-0.89	-2.07	-7.55		29.48	31.79	30.55	4.5	7.47
1.17	1.56	39.42		112.97	109.56	111.35	6.46	31.87
-0.87	-1.27	-16.88		247.88	303.29	274.91	29.47	149.73
-1.55	-3.68	-47.72	*	72.85	95.14	83.8	12.42	33.1
-1.88	-3.43	-75.7	*	140.72	107.86	123.79	17.8	112.35
0.57	100000000	2.85		2.35	13.56	8.02	5.77	11.84
0.57	3.19	3.42		41.31	19.19	30.35	11.79	38.62
0.89	1.53	31.64		186.41	245.02	215.26	30.18	86.79
-1.54	-2.74	-39.38	*	78.75	78.73	78.74	5.84	55.07
1.71	5.77	15.96		10.23	6.78	9.13	2.86	50.61
-0.62	-1.72	-0.59		33.31	29.2	31.07	6.26	151.49
0.93	4.5	6.79		10.17	11.2	10.54	4.02	29.98
-1.71	-3.32	-154	*	302.53	215.95	259.11	45.26	273.26
-1.72	-3.2	-36.26	*	69.28	57.43	63.89	7.13	45.47
-1.82	-3.85	-28.23	*	50.52	42.63	46.6	4.69	11.88
1.66	6.48	29.93	*	10.88	18.83	14.69	4.5	21.54
-1.18	-2.7	-20.11		36.58	51.94	44.53	8.56	15.64
-0.61	-1.56	-0.89		39.65	26.9	32.85	7.77	8.43
0	100000000	2.53		6.02	1.23	3.65	3.21	43.75
0.63	2.5	1.95		22.26	14.25	18.32	6.02	22.63
1.72	100000000	14.22		5.99	2.27	3.67	3.61	33.34
1.83	17.6	21.93	*	6.58	9.11	7.55	3.55	13.52
0	100000000	5.83		1	4.2	2.06	2.49	35.08
1.87	100000000	16.38		2.19	7.09	4.12	3.26	25.19
-0.68	-1.54	-2.05		30.01	28.74	29.42	6.21	83.78
0.92	1.27	34.5		412.32	478.34	445.08	34.49	237.78
0	-100000000	-0.09		3	3.22	3.11	4.66	1.85
-0.82	-1.79	-7.74		46.45	49.85	48.1	6.78	23.66

-0.91	-1.24	-151.1		2793.55	3068.04	2930.32	139.32	4436.69
-1.53	-2.56	-24.71	*	47.45	51.72	50.32	4.85	50.11
-1.24	-11.9	-44.93		48.58	86.96	68.71	19.78	23.85
2.2	16.31	22.27	*	9.66	5.15	7.05	3.18	12.31
-0.78	-1.67	-7.78		96.26	99.88	97.77	9.11	27.94
-0.87	-4.87	-20.67		49.71	65.4	57.25	8.35	50.85
0.98	2.39	55.41		112.47	103.38	108.61	21.42	162.15
-0.81	-1.67	-4.68		34.39	39.19	37.41	4.77	30.14
2.74	9.13	21.47	*	5.82	6.63	6.2	1.88	11.44
-0.65	-2.75	-15.45		78.72	45.43	62.08	17.16	51.04
1.63	4.72	22.74	*	15.78	13.27	14.95	4.13	24.28
0.31	3.77	2.26		7.08	10.99	8.49	3.18	31.75
0.23	100000000	0.86		3.84	6.56	4.63	3.03	4.1
-0.86	-1.49	-5.15		43.89	48.99	47.14	4.89	21.89
0.9	7.07	15.06		10.57	16.69	13.26	5.49	37.33
1.76	100000000	24.01	*	11.42	5.32	7.69	5.66	9.29
-1.52	-3.32	-28.89	*	46.7	59.58	52.76	7.6	33.87
0.71	1.52	2.4		58.94	60.08	59.57	9.27	148.06
-0.73	-2.92	-26.47		116.06	155.21	135.45	20.75	45.99
3.04	13.29	22.96	*	5.35	5.54	5.46	2	27.36
-0.85	-1.89	-34.87		145.41	197.73	171.6	27.07	76.83
0	3.34	2.42		14.8	10.09	12.83	4.18	58.54
0.64	1.76	1.13		43.09	28.6	35.62	8.17	40.51
-3.4	-100000000	-20.9	*	13.47	31.48	22.26	9.22	10.18
-1.6	-5.24	-21.02	*	38.34	29.6	33.89	5.37	47.96
-1.56	-8.88	-25.27	*	29.77	45.87	37.46	8.43	15.11
-1.71	-3.01	-115.78	*	233.27	174.08	203.71	30.37	91.11
-1.75	-2.66	-23.57	*	44.01	44.72	44.44	2.52	59.1
1.59	3.38	33.84	*	25.11	28.47	26.61	4.75	33.37
-1.65	-9.07	-26.13	*	35.32	44.32	39.59	5.34	30.17
-0.76	-4.64	-11.07		45.95	40.46	43.28	4.49	12.07
-0.62	-8.44	-4.88		23.6	29.49	26.33	3.74	1.24
-1	-4.4	-15.49		40.26	30.85	36.03	5.7	15.26
0.95	1.76	8.31		27.88	26.45	27.09	3.05	33.55
0	-100000000	-25.24		60.85	4.97	32.78	28.76	25.61
-0.84	-1.38	-2.05		44.38	42.09	43.08	1.99	62.58

1.85	6.7	21.82	*	6.99	11.63	9.54	2.78	10.43
1.59	4.96	25.27	*	15.72	17.32	16.3	4.66	17.03
0.71	1.33	0.6		51.31	52.02	51.83	3.26	45.3
-0.77	-2.35	-39.95		122.39	190.07	155.93	34.96	46.53
2.57	100000000	24.43	*	1.24	7.41	4.2	3.21	1.5
-1.56	-3.67	-101.19	*	151.89	202.34	176.99	26.64	100.89
-0.74	-3.48	-46.86		113.72	186.25	149.97	36.24	34.91
2.69	66.24	23.26	*	8.13	3.25	5.36	2.99	14.03
-1.61	-5.36	-28.6	*	46.78	47.62	47.16	4.36	15.5
-0.81	-2.65	-5.99		27.79	25.77	26.83	3.15	53.16
-0.12	-52.12	-2.72		13.41	14.15	13.91	7.59	7.74
0	100000000	4.96		3.01	9.06	6.09	4.41	32.24
0.52	1.72	2.27		25.6	25.4	25.52	2.54	58.59
-1.16	-2.64	-19.16		40.84	52.28	46.98	6.19	4.14
-1.09	-3.71	-13.41		34	27.43	30.05	4.78	43.47
1.85	1435.96	25.92	*	8.07	7.41	7.72	4.68	7.16
0	100000000	30.44		5.59	4.82	5.21	5.59	76.89
0.49	2.51	2.29		13.4	14.01	13.83	3.95	14.3
-0.52	-1.65	-0.87		21.8	36.67	29.22	8.57	1.66
-0.7	-100000000	-15.2		41.81	29.33	35.09	7.57	24.19
1.78	17.83	24.93	*	12.85	8.23	10.47	5.15	16.85
0.78	3.24	12.12		18.96	13.54	16.22	3.55	45.68
-1.1	-2.4	-47.96		96.05	140.91	118.08	23.16	35.26
0.87	1.43	3.98		37.22	36.42	36.76	4.28	43.55
0.74	2.83	17.28		23.36	28.11	25.21	3.61	55.08
2.3	100000000	20.97	*	1.17	6.46	3.49	3.38	10.58
0.88	1.26	5.61		123.85	146.51	134.82	12.72	45.77
0.89	1.39	23.25		195.38	201	198.2	17.76	154.83

BKM120B70	experiment m	experiment m	fold change	lower bound (	upper bound	difference of ı	filtered	DMSOA70
261.35	222.63	38.88	-1.9	-1.45	-2.69	-200.62		400.58
426.79	425.75	13.55	-1.53	-1.41	-1.66	-227.6		631.61
1087.42	1059.52	34.9	1.61	1.44	1.82	402.07		617.97
212.61	198.61	18.16	-1.85	-1.57	-2.2	-167.88	*	363.33
672.92	630.3	43.63	-1.98	-1.7	-2.31	-615.2	*	1172.01
72.28	64.73	8.73	-1.93	-1.43	-2.63	-60.38		110.89
1936.28	1878.61	61.66	1.62	1.45	1.83	719.08		1096.02
1305.09	1269.27	46.05	2.21	1.85	2.71	694.56	*	515.18
944.73	969.58	40.3	2.25	1.72	3.21	538.18	*	354.32
2342.74	2421.72	94.04	2.32	1.86	3.08	1380.06	*	893.02
4666.36	4906.83	278.64	1.68	1.46	1.93	1979.96		3101.86
1450.52	1466.99	44.41	1.4	1.31	1.48	415.65		1039.1
209.37	202.77	11.64	-1.82	-1.51	-2.17	-166.41	*	336.27
461.58	466.58	13.15	-1.68	-1.56	-1.81	-315.91	*	760.88
633.15	592.48	44.83	-1.63	-1.38	-1.94	-373.69		908.62
969.71	1060.36	97.78	-1.37	-1.18	-1.63	-392.16		1425.62
138.5	142.68	8.6	-1.88	-1.61	-2.19	-125.76	*	278.29
114.39	104.74	15.51	1.72	1.12	2.9	43.9		60.98

474.41	397.91	76.71	-2.85	-2.11	-4.22	-735.12	*	1055.37
177.54	181.04	7.3	-1.65	-1.46	-1.85	-117.93		308.02
46.89	37.73	9.43	1.81	1.01	2.96	16.91		19.4
1841.35	1800.65	49	-1.76	-1.66	-1.87	-1370.74	*	3164.95
167.37	153.93	15.97	-1.71	-1.38	-2.15	-109.87		247.29
63.49	66.01	9.76	-1.41	-1.09	-1.91	-27.37		95.19
765.34	763.59	43.83	1.77	1.45	2.22	332.23		399.13
3148.74	3122.21	59.6	-1.41	-1.34	-1.48	-1266.01		4310.71
450.48	411.4	54.67	-1.78	-1.42	-2.32	-322.23		699.72
292.32	245.63	47.84	-2.46	-1.72	-3.77	-359.57	*	532.74
255.46	233.67	25.34	-1.57	-1.23	-2.02	-134.1		332.73
597.72	588.66	19.47	1.56	1.41	1.75	212.34		356.71
232.38	232	12.59	-1.66	-1.48	-1.86	-152.27		390.53
1418.56	1337.49	87.9	-1.92	-1.58	-2.31	-1233.55	*	2334.47
519.88	515.23	12.46	-1.58	-1.4	-1.77	-300.14		868.27
576.21	536.2	46.4	-1.43	-1.25	-1.68	-231.76		774.64
131.96	129.03	23.16	-1.9	-1.4	-2.77	-116.18		257.65
229.26	230.37	21.4	-2.31	-1.84	-2.9	-302.62	*	579.41
451.93	400.67	53.96	-1.95	-1.57	-2.54	-381.32	*	747.12
874.14	859.25	25.3	1.58	1.48	1.68	314.9		543.79
278.99	323.27	46.49	1.34	1.01	1.69	82.45		240.37
135.89	138.41	9.44	-1.98	-1.74	-2.28	-136.21	*	270.58
30.79	17.25	13.56	4	0	27.36	12.94		6.31
193.77	187.34	8.72	-1.39	-1.27	-1.52	-72.46		262.44
951.51	945.67	31.73	-1.56	-1.46	-1.66	-525.33		1461.89
314.13	288.19	33.1	-1.89	-1.53	-2.4	-257.55	*	507.55
88.39	82.83	8.21	-1.71	-1.42	-2.09	-58.97		142.53
184.24	155.27	29.31	-1.81	-1.37	-2.65	-126.46		269.02
102.86	87.8	24.17	-2.31	-1.47	-4.33	-114.69		186.38
63.01	56.14	7.63	2.31	1.52	3.97	31.87	*	19.84
428.08	422.68	37.31	-1.77	-1.51	-2.1	-323.93	*	729.85
68.9	71.78	5.85	-1.41	-1.16	-1.71	-29.39		93.82
81.92	82.14	6.22	-1.62	-1.41	-1.89	-51.3		132.7
154.83	144.11	18.95	-3.18	-2.59	-4.08	-314.4	*	467.71
162.45	152.05	12.42	-3.25	-2.83	-3.78	-341.55	*	499.56
262.91	247.49	20.76	-1.97	-1.67	-2.34	-239.86	*	459.94

37.18	22.35	14.94	-5.35	-2.38	-100000000	-97.13	*	103.77
1472.8	1344.39	157.93	-2.01	-1.5	-2.68	-1361.44	*	2394.11
158.17	156.97	10.22	-1.84	-1.63	-2.09	-131.56	*	290.14
322.18	325.96	15.82	1.73	1.54	1.93	137.14	*	186.67
121.77	117.5	9.39	-1.83	-1.52	-2.21	-97.99	*	202.93
4987.34	5134.08	165.26	-1.32	-1.24	-1.41	-1628.87		6884.42
4642.09	4805.33	194.21	-1.21	-1.11	-1.32	-1011.4		5981.73
41.23	47.16	7.4	1.64	1.07	2.66	18.33		33.17
40.2	37.97	5.2	2.67	1.54	7.08	23.74	*	9.31
350.07	304.46	46.09	-2.05	-1.61	-2.77	-320.75	*	588.56
127.99	128.04	4.34	-1.3	-1.11	-1.49	-37.87		155.2
1880.56	2112.04	237.1	-1.41	-1.15	-1.78	-873.32		3172.31
145.18	135.69	13.42	-1.36	-1.13	-1.67	-49.08		177.03
290.55	265.42	27.4	-1.57	-1.33	-1.9	-150.56		407.66
147.64	119.8	30.63	-4.72	-3.13	-8.33	-445.24	*	500.5
15.49	14.7	2.67	-3.13	-2.25	-4.62	-31.31	*	43.27
743.25	665.83	78.81	-1.59	-1.32	-1.98	-389.94		1040.51
76.38	86.49	11.91	1.38	1.03	1.8	23.79		62.88
1107.44	1050.17	69.48	-1.53	-1.34	-1.75	-553.71		1536.86
24.83	20.5	5.16	-2	-1.29	-3.54	-20.53		45.68
52.79	54.1	5.3	-2.3	-1.85	-2.87	-70.24	*	131.39
153.56	159.27	9.87	-1.55	-1.37	-1.76	-87.7		251.97
72.08	76.56	9.95	-2	-1.53	-2.67	-76.78	*	164.26
81.18	78.66	11.3	-2.15	-1.55	-3.01	-90.65	*	148.94
182.31	164.78	19.54	-2.46	-2	-3.11	-239.91	*	384.66
175.74	164.06	12.88	-1.65	-1.4	-1.96	-106.9		269.2
34.59	28.97	8.56	1.58	0.74	3.27	10.67		21.17
86.93	84.79	7.64	1.61	1.11	2.72	32.1		42.13
20.92	16.58	5.52	-1.88	-1.13	-4.25	-14.64		32.46
443.51	413.49	32.46	-1.55	-1.33	-1.81	-225.81		612.56
23.24	23.93	3.1	1.17	0.88	1.54	3.56		19.7
87.62	78.02	10.5	1.76	1.25	2.52	33.58		42.24
22.86	24.23	3.92	2.12	1.13	8.05	12.83		12.16
27.15	21.37	6.8	-2.09	-1.31	-4.45	-23.28		43.21
79.26	67.84	12.12	-1.61	-1.22	-2.3	-41.4		109.9
92.99	111.39	21.03	-2.63	-1.82	-4.01	-182.08	*	331.58

593.19	579.59	25.75	1.55	1.34	1.8	204.53		347.51
271.66	302.14	32.28	-1.55	-1.24	-1.96	-166.47		502.03
754.98	718.55	42.97	-1.54	-1.37	-1.74	-388.25		1119.74
2553.89	2720.57	184.49	1.8	1.59	2.02	1210	*	1488.83
1442.93	1395.59	62.63	-1.5	-1.39	-1.63	-697.64		2096.77
635.05	632.02	14.5	1.74	1.64	1.85	268.86	*	362.71
698.18	736.96	48.41	1.34	1.18	1.53	188.95		538.49
947.59	973.03	38.34	-1.49	-1.38	-1.62	-480.5		1436.61
116.25	112.78	10.8	-1.48	-1.21	-1.83	-54.27		158.45
602.94	668.32	68.39	1.74	1.33	2.32	284.65		429.03
745.3	687.04	59.71	-1.38	-1.2	-1.62	-264		939.65
357.87	323.59	38.84	-1.62	-1.33	-2.04	-199.94		502.91
183.06	165.94	22.12	1.51	1.12	2	56.15		109.97
1107.46	1146.75	54.52	-1.36	-1.2	-1.54	-418.46		1646.77
106.13	106.75	7	-2.3	-2.01	-2.65	-138.74	*	240.19
259.76	250.49	13.33	-2	-1.82	-2.22	-250.89	*	492.39
148.06	125.65	23.69	-1.9	-1.31	-2.9	-113.5		207.33
237.19	222.31	18.66	-2.63	-2.3	-3.07	-362.53	*	589.19
91.23	102.71	22.22	-1.13	-0.79	-1.81	-13.85		109.85
68.4	53.35	15.39	-7.13	-4.75	-13.66	-327.12	*	403.28
229.03	251.37	28.03	-1.68	-1.38	-2.09	-170.66		442.54
1825.43	1426.27	409.49	-2.35	-1.45	-4.6	-1926.07		2911.29
19.19	16.81	2.95	-1.88	-1.3	-2.8	-14.84		28.22
35.36	42.96	8.44	-2.1	-1.54	-3.15	-47.24	*	95.34
312.68	326.25	17.86	1.54	1.34	1.79	114.99		203.92
67.23	69.45	5.78	1.18	0.94	1.51	10.7		63.16
147.33	131.63	16.52	-1.34	-1.1	-1.69	-44.41		178.08
24.96	24.25	3.81	-2.1	-1.61	-2.9	-26.73	*	50.17
55.77	62.51	11.95	-1.85	-1.39	-2.7	-52.82		114.17
29.5	24	6.46	8.86	2.32	100000000	21.29	*	2.83
62.82	65.76	9.41	-1.91	-1.51	-2.54	-59.83	*	127.34
508.16	516.44	15.25	1.74	1.6	1.9	219.77	*	290.16
27.63	26.26	4.37	2.81	1.45	12.66	16.91		12.8
531.1	548.03	26.04	1.56	1.43	1.7	196.9		350.31
2203.78	2319.8	126.39	1.41	1.22	1.64	679.54		1533.24
26.74	20.33	6.82	-2.01	-1.22	-4.55	-20.49		43.3

1342.81	1328.03	30.97	-1.74	-1.6	-1.9	-989.32	*	2205.41
1503.4	1354.69	149.43	-1.63	-1.37	-2	-855.71		2213.18
1133.55	1183.8	60.76	-1.3	-1.12	-1.5	-357.4		1640.81
2323.6	2468.52	211.1	-1.54	-1.32	-1.82	-1333.68		3764.94
176.68	192.94	19.03	-1.5	-1.23	-1.85	-96.29		308.89
432.54	491.84	61.45	1.63	1.27	2	189.22		307.58
613.54	619.94	22.11	1.51	1.37	1.67	208.92		395.92
886.13	973.6	99.63	2.58	1.89	3.74	596.27	*	439.95
1211.75	1206.65	28.36	1.63	1.51	1.77	466.04	*	719.93
181.35	169.33	15.37	-2.07	-1.68	-2.55	-180.55	*	325.94
1889.38	1977.37	106.17	1.92	1.63	2.29	945.33	*	1119.15
164.15	165.57	10.04	-1.62	-1.34	-1.94	-103.36		245.12
531.57	485.93	48.12	-1.32	-1.13	-1.58	-153.78		630.82
462.96	461.31	12.16	-1.39	-1.29	-1.49	-177.87		654.54
401.89	432.66	37.85	1.77	1.48	2.07	187.59		252.98
465.97	460.86	14.25	-1.6	-1.49	-1.71	-276.09		718.61
678.13	716.35	41.81	1.58	1.41	1.76	263.22		440.44
216.27	205.85	13.07	-2.07	-1.7	-2.5	-221.15	*	385.43
36.31	38.43	4.76	-3.3	-2.6	-4.27	-88.27	*	129.47
171.99	164.53	7.89	-3.47	-3.12	-3.85	-405.72	*	587.39
231.77	227.89	15.69	-1.41	-1.23	-1.62	-92.87		318.74
67.63	44.64	23.22	-5.32	-2.79	-36.92	-192.63	*	215.9
202.05	203.83	10.05	-1.24	-1.1	-1.4	-49.84		261.62
61.39	55.76	6.53	1.53	1.19	1.92	19.32		37.53
34.55	37.25	3.94	-1.73	-1.44	-2.13	-27.21		64.72
3.35	3.49	4.06	-7.19	-2.39	-100000000	-21.62	*	24.02
44.95	41.78	7.8	-1.94	-1.4	-2.88	-39.28		74.49
238.2	258.09	21.29	1.74	1.42	2.14	109.9		136.46
299.87	246.64	54.37	-2.16	-1.47	-3.49	-284.97		471.92
40.76	31.05	10.19	1.56	0.61	5.8	11.2		15.23
480.11	454.77	28.53	1.99	1.42	3.24	226.72		177.61
60.42	38.77	21.71	1.28	0.1	2.55	8.55		29.02
73.6	77.73	6.21	1.52	1.24	1.86	26.43		49.92
23.93	24.6	3.34	-1.06	-0.76	-1.48	-1.58		29.35
26.93	23	5.32	1.87	0.9	7.1	10.71		7.67
1895.6	1857.6	51.45	1.61	1.44	1.8	700.83		1096.36

24.58	24.76	3.46	-1.64	-1.24	-2.23	-15.89		44.29
399.11	389.46	18.66	-1.73	-1.52	-1.97	-286.12	*	635.3
74.73	70.09	8.92	1.7	1.28	2.22	28.85		42.11
68	65.66	6.34	-1.85	-1.51	-2.29	-55.7	*	129.31
172.48	145.49	27.64	-1.67	-1.26	-2.43	-96.83		239.89
31.11	43.19	12.5	3.12	1.49	6.46	29.37		12.04
611.31	630.73	24.55	-1.41	-1.31	-1.52	-260.15		899.8
2448.13	2686.19	245.29	-1.34	-1.12	-1.62	-907.43		3803.97
83.53	85.24	8.63	-1.63	-1.31	-2.04	-53.45		145.57
177.3	147.27	31.06	-1.67	-1.22	-2.57	-98.54		250.01
364.15	374.93	23.46	-1.54	-1.35	-1.76	-201.69		556.64
325.29	298.92	28.72	-1.67	-1.43	-2	-200.8		496.71
119.89	104.42	19.37	2.12	1.36	3.28	55.2		47.76
46.73	44.9	8.35	-1.91	-1.37	-2.84	-40.79		83.68
928.08	891.04	36.97	1.49	1.37	1.62	294.42		592.13
257.89	232.03	28.96	-1.77	-1.43	-2.26	-178.6		389.18
476.47	466.61	15.85	-1.46	-1.3	-1.64	-216.03		719.38
222.56	214.99	9.33	-1.53	-1.31	-1.78	-114.97		302.84
66.24	64.82	5.1	-1.85	-1.56	-2.2	-54.96	*	121.49
42.9	41.45	5.01	-1.85	-1.4	-2.45	-35.09		83.89
185.82	170.46	19.09	-1.89	-1.42	-2.48	-151.07		283.23
47.73	46.9	6.76	-1.72	-1.32	-2.33	-33.98		76.32
1963.7	1956.41	34.18	1.42	1.34	1.51	580.42		1338.51
442.38	431.59	18.22	-1.4	-1.29	-1.53	-173.77		612.19
175.62	165.17	13.84	-1.43	-1.2	-1.72	-70.94		246.56
932.35	846.08	87.02	-1.65	-1.39	-2.01	-551.56		1342.21
269.21	262.4	14.91	-1.85	-1.66	-2.08	-223.03	*	484.45
480.14	474.52	10.25	-1.28	-1.21	-1.36	-134.48		613.85
125.1	109.49	16.42	2.08	1.32	3.75	56.81		40.16
153.7	162.63	14.07	-1.58	-1.36	-1.87	-94.56		255.33
15.62	15.7	3.9	-2.24	-1.35	-4.02	-19.4		40.17
237.61	239.18	12.12	1.45	1.28	1.64	73.79		168.84
199.4	185.86	17.56	-1.51	-1.26	-1.84	-95.3		268.94
89.25	109.45	21.56	-1.48	-1.05	-2.27	-52.78		176.36
184.71	176.61	15.44	-2.35	-2.02	-2.77	-238.47	*	409.36
237.08	239.7	11.09	1.41	1.25	1.61	70.05		164.28

77.94	69.01	10.51	-2.4	-1.8	-3.31	-96.32	*	150.95
38.12	42.31	7.33	-2.15	-1.58	-3.11	-48.8	*	97.97
77.68	67.5	13.14	-2.02	-1.38	-3.12	-69.04		118.41
105.31	82.97	23.56	-1.8	-1.15	-3.46	-66.61		134.17
38.03	32.63	6.58	-2.07	-1.38	-3.26	-34.82		60.99
73.72	62.22	13.7	2.09	1.29	3.1	32.52		27.39
155.68	133.63	22.41	-2.87	-2.18	-4.04	-250.29	*	361.08
187.6	174.95	14.32	-1.46	-1.11	-1.87	-80.88		289.11
310.75	336.32	32.88	2.38	1.94	2.87	194.93	*	143.77
94.83	101.58	7.59	1.79	1.47	2.2	44.77		59.94
142.05	134.39	10.06	2.04	1.7	2.47	68.57	*	66
132.26	103.38	30.28	-2.34	-1.47	-4.64	-139.01		211.16
564.43	590.54	28.24	1.57	1.38	1.79	214.83		393.86
99.23	94.4	7.48	-1.66	-1.4	-1.98	-62.52		164.4
58.51	62.45	6.26	-1.53	-1.28	-1.86	-33.05		95.07
72.14	68.6	8.64	-1.68	-1.29	-2.21	-46.32		104.77
86.04	122.01	37.45	-1.41	-0.91	-2.87	-49.81		176.64
103.66	106.46	6.99	-1.43	-1.24	-1.66	-46.02		156.66
413.53	395.01	27.93	-1.74	-1.53	-2	-292.68	*	682.49
43.87	45.8	3.01	-1.92	-1.59	-2.29	-41.93	*	80.62
143.85	148.22	8.71	-1.6	-1.44	-1.8	-89.5		235.72
30.32	25.86	5.76	-2.49	-1.75	-4	-38.46	*	64.68
104.47	100.19	8.59	-1.37	-1.16	-1.64	-37.38		141.66
180.17	172.34	9.61	-1.46	-1.3	-1.65	-80.03		262.05
48.97	26.45	22.77	-1.43	-0.57	-100000000	-11.41		35.09
908.37	864.88	48	1.02	0.89	1.16	15.03		804.33
55.67	40.75	15.19	-1.46	-0.77	-3.9	-18.65		46.82
19.47	18.81	3.57	-1.61	-1.13	-2.45	-11.57		28.18
323.17	347.86	25.85	-1.38	-1.19	-1.62	-132.22		502.39
104.85	76.3	29.11	-2.7	-1.31	-7.59	-129.55		155.26
157.18	124.96	33.81	-2.47	-1.57	-4.58	-183.18	*	266.25
554.51	554.66	31.55	-1.06	-0.95	-1.19	-32.42		587.97
39.15	33.83	10.96	-1.62	-0.9	-3.62	-20.97		48.92
1732.4	1863.01	137.27	1.16	1.01	1.31	255.82		1596.96
665.16	680.53	22.73	-1	-0.94	-1.07	-1.91		691.44
13.98	10.47	5.36	1.18	0.18	2.8	1.57		8.85

395.34	355.07	42.46	-1.18	-0.98	-1.48	-63.79		424.6
29.24	36.65	8.7	-1.48	-1	-2.49	-17.54		55.52
14.06	23.34	9.77	-1.14	-0.64	-3.69	-3.27		25.61
13.3	13.49	6.06	-1.01	0	-4.57	-0.14		8.18
8.57	8.46	3.15	-1.03	-0.14	-3.16	-0.26		6.51
22.39	20.32	6.89	1.17	0.46	3.29	2.89		12.77
1550.15	1635.45	93.74	1.4	1.24	1.56	464.84		1201.63
2343.56	2438.92	102.44	1.11	1.01	1.22	245.49		2111.78
1416.44	1510.79	98.32	1.26	1.02	1.59	311.06		1063.57
22.53	16.14	6.7	-1.74	-0.8	-5.72	-12		35.3
52.8	33.51	20.08	1.13	0.02	2.8	3.83		27.75
32.94	39.41	9.53	-1.02	-0.64	-1.78	-0.62		37.06
266.42	238.37	29.47	-1.51	-1.25	-1.9	-121.45		357.91
18.49	14.21	6.97	-1.26	-0.48	-6.77	-3.75		22.23
21.75	23.01	3.2	1	0.58	2.55	0		14.42
12404.65	12470.1	238.27	1.01	0.96	1.06	110.9		12111.43
720.2	688.9	37.03	-1.16	-1.01	-1.32	-107.25		754.58
30.93	23.66	8.97	-1.06	-0.55	-2.91	-1.38		28.01
158.43	127.51	31.3	-1.73	-0.96	-3.17	-93.13		171.18
33.29	21.33	12.74	4.86	0.08	100000000	16.94		4.63
15.26	15.49	3.68	-1.09	-0.43	-2.15	-1.44		15.04
57.35	63.03	8.62	1.27	0.92	1.75	13.21		54.78
819.99	869.2	56.13	2.01	1.76	2.28	436	*	435.18
33.95	39.85	6.38	1.65	0.69	100000000	15.7		42.16
671.64	651.11	24.75	-1	-0.93	-1.08	-1.65		650.06
4207.4	4300.09	136.71	-1.07	-0.95	-1.2	-304.86		4883.46
5060.98	5469.26	431.51	-1.02	-0.89	-1.19	-109.71		5752.72
245.46	243.62	10.8	-1.13	-1.01	-1.25	-30.55		281.5
99.11	76.29	31.84	-2.65	-1.35	-8.68	-126		165.16
55.11	50.39	7.97	-2.11	-1.32	-3.21	-55.95		86.17
385.9	436.98	59.09	1.26	0.92	1.73	89.88		313.71
5.52	4.32	5.19	1.01	0	100000000	0.04		3.07
46.71	58.89	13.21	-1.07	-0.75	-1.71	-3.86		60.54
220.48	188.02	32.75	-1.31	-0.96	-1.9	-58.69		223.39
79.56	80.2	8.11	-1.32	-0.98	-1.73	-25.54		118.65
39.95	57.88	18.68	1.06	0.48	1.83	3.36		45.41

42.77	40.9	5.75	-1.16	-0.82	-1.62	-6.43		44.53
619.89	646.85	33.73	1.34	1.07	1.76	164.49		418.58
4.03	3.85	1.48	1.36	0.44	5.2	1.02		3.07
5906.75	5840.29	72.39	-1.26	-1.22	-1.3	-1518.14		7428.98
25.48	19.02	7.36	1.28	0.35	100000000	4.11		25.74
5654.1	5790.27	174.51	-1.19	-1.12	-1.26	-1088.42		6990.16
12.37	17.88	6.45	-1.17	-0.62	-3	-3.12		21.68
86.5	90.55	6.25	-1.22	-1.01	-1.46	-19.62		111.92
9.93	11.48	2.35	-1.81	-1.22	-2.86	-9.27		22.48
41.18	48.91	10.39	-2.02	-1.45	-3.16	-49.9		92.22
40.63	32.68	8.77	-1.34	-0.87	-2.46	-11.23		44.79
14.56	14.34	6.99	1.07	0.19	100000000	0.89		13.92
4.28	9.06	5.3	-1.22	-0.55	-31.79	-2.02		10.75
252.91	297.15	47.4	-5.21	-3.38	-7.8	-1249.79	*	1831.05
6.59	8.58	7.69	1.27	0	100000000	1.84		4.98
474.97	563.23	91.5	2.35	1.61	3.39	323.43	*	272.6
2033.49	1965.97	78.72	1.03	0.93	1.14	49.44		1928.43
33.64	27.23	7.26	-2.31	-1.52	-4.21	-35.79	*	56.95
175.94	199.56	24.84	2.17	1.68	2.72	107.61	*	92.53
76.91	57.19	20.76	-2.81	-1.6	-7.13	-103.52	*	135.3
526.79	522.91	32.64	1.98	1.51	2.8	259.34	*	301.06
515.51	500.39	18.27	-1.2	-0.95	-1.46	-102.51		527.68
45.22	28.4	16.85	-1.41	-0.68	-58.46	-11.52		38.72
46.91	39.98	7.72	-1.15	-0.83	-1.73	-6.13		48.29
107.89	83.51	27.47	-4.04	-2.21	-9.23	-254.22	*	269.23
465.81	508.03	47.05	1.3	1.1	1.51	117.7		395.07
91.77	88.01	7.71	-1.85	-1.59	-2.19	-74.83	*	164.18
21.45	22.24	2.41	-2.22	-1.61	-2.96	-27.05	*	42.85
52.84	50.74	4.52	-2.01	-1.55	-2.57	-51.42	*	90
39.72	31.33	9.04	3.46	1.69	6.4	22.27	*	9.15
31.13	39.33	8.91	-1.04	-0.67	-1.74	-1.48		44.81
40.15	39.11	9.05	-1.23	-0.54	-2.32	-8.81		34.88
33.95	21.42	12.95	1.62	0.01	8.31	8.19		7.71
188.14	192.37	11.07	-2.25	-1.7	-2.84	-240.93	*	373.02
39.95	36.69	6.19	-2.1	-1.51	-3.04	-40.29	*	74.32
14.78	21.13	8.9	-1.13	-0.46	-3.89	-2.74		24.64

16.86	12.18	4.98	-2.87	-1.57	-8.89	-22.75	*	40.03
107.73	87.08	24.48	-2.48	-1.52	-4.79	-129.03	*	192.23
4.23	4.17	3.41	-7.47	-2.12	-100000000	-26.97	*	41.77
27.61	24.2	6.74	-2.62	-1.51	-5.11	-39.1	*	53.16
5.6	10.33	5.93	-3.37	-1.51	-60.53	-24.51	*	30.53
14.34	11.98	4.29	-3.79	-2.23	-9.39	-33.45	*	41.57
28.44	19.49	9.28	-1.04	-0.56	-4.83	-0.77		18.83
25.8	31.55	6.73	-1.05	-0.67	-1.73	-1.65		36.04
13.21	10.28	3.43	-2.97	-1.77	-6.73	-20.27	*	29.48
52.32	42.11	11.74	-2.64	-1.79	-4.91	-69.24	*	112.97
142.67	145.36	11.24	-1.89	-1.51	-2.34	-129.55	*	247.88
66.59	49.73	17.09	-1.69	-0.99	-3.96	-34.08		72.85
121.74	117.66	5.98	-1.05	-0.79	-1.32	-6.13		140.72
10.57	11.17	2.44	1.39	0.56	100000000	3.15		2.35
23.81	30.73	8.54	1.01	0.46	2.96	0.38		41.31
108.72	98.62	12.24	-2.18	-1.58	-2.97	-116.64	*	186.41
53.76	54.42	5.59	-1.45	-1.18	-1.8	-24.32		78.75
42	46.52	5.28	5.1	3.2	10.67	37.4	*	10.23
117.49	132.99	20.99	4.28	2.83	6.79	101.92	*	33.31
42.9	36.7	6.93	3.48	1.88	9.6	26.16	*	10.17
148.24	209.99	65.45	-1.23	-0.72	-2.63	-49.11		302.53
47.48	46.22	3.51	-1.38	-1.09	-1.71	-17.67		69.28
19.37	15.41	4.54	-3.02	-1.95	-5.95	-31.19	*	50.52
28.04	24.92	4.09	1.7	1.01	3.53	10.22		10.88
17.44	16.4	3	-2.72	-1.71	-4.26	-28.13	*	36.58
12.75	10.54	2.64	-3.12	-1.71	-5.79	-22.31	*	39.65
26.6	35.15	8.86	9.63	3.35	100000000	31.5	*	6.02
23.82	23.14	4.21	1.26	0.72	2.85	4.82		22.26
17.61	24.99	9.37	6.81	1.74	100000000	21.31	*	5.99
19.73	16.15	4.33	2.14	0.94	9.7	8.6		6.58
13.97	24.5	10.69	11.91	2.25	100000000	22.44	*	1
25.49	25.37	3.72	6.16	2.54	100000000	21.26	*	2.19
77.15	80.44	6.15	2.73	1.97	4.25	51.02	*	30.01
259.35	247.76	14.55	-1.8	-1.52	-2.1	-197.31	*	412.32
33.49	17.63	15.92	5.67	0	100000000	14.53		3
21.19	22.53	3.58	-2.13	-1.5	-3.08	-25.57	*	46.45

3812.66	4124.77	319.37	1.41	1.21	1.63	1194.45		2793.55
57.46	53.98	6.14	1.07	0.83	1.37	3.66		47.45
22.66	23.31	3.59	-2.95	-1.5	-4.8	-45.4	*	48.58
6.24	9.19	3.78	1.3	0.38	5.42	2.14		9.66
25.39	26.6	12.07	-3.68	-2.05	-14.57	-71.17	*	96.26
33.85	41.44	10.75	-1.38	-0.88	-2.5	-15.8		49.71
174.16	168.51	12.54	1.55	1.14	2.33	59.9		112.47
20.89	26.63	6.84	-1.4	-0.92	-2.5	-10.78		34.39
4.16	8.21	4.36	1.32	0.16	3.36	2		5.82
56.87	53.9	4.29	-1.15	-0.62	-1.72	-8.19		78.72
12.65	17.94	8.63	1.2	0.24	2.78	2.99		15.78
25.8	28.92	3.53	3.41	2	8.99	20.43	*	7.08
7.1	5.67	3.07	1.22	0.13	100000000	1.04		3.84
20.45	21.14	3.92	-2.23	-1.61	-3.31	-26.01	*	43.89
44.71	41	4.07	3.09	1.78	9.76	27.73	*	10.57
11.62	10.31	5.25	1.34	0.19	100000000	2.62		11.42
44.59	39.31	5.89	-1.34	-0.95	-1.91	-13.46		46.7
123.9	136.08	16.71	2.28	1.66	3.23	76.52	*	58.94
47	46.57	4.71	-2.91	-2.1	-3.89	-88.88	*	116.06
14.84	21.03	7.14	3.85	1.51	10.56	15.57		5.35
77.54	77.15	11.83	-2.22	-1.53	-3.22	-94.45	*	145.41
7.09	32.83	26.31	2.56	0	8.03	20		14.8
52.19	46.42	6.2	1.3	0.87	2.17	10.8		43.09
15.49	13.61	3.51	-1.63	-0.5	-3.49	-8.64		13.47
1.74	24.68	23.7	-1.37	-0.5	-100000000	-9.21		38.34
24.83	19.95	5.44	-1.88	-1.04	-3.66	-17.52		29.77
73.16	82	9.87	-2.48	-1.78	-3.39	-121.71	*	233.27
2.57	30.84	28.43	-1.44	-0.57	-100000000	-13.6		44.01
49.66	40.84	9.28	1.53	0.9	2.46	14.23		25.11
24.93	27.34	4.21	-1.45	-1.03	-2.06	-12.25		35.32
18.23	16.25	4.83	-2.66	-1.71	-5.29	-27.03	*	45.95
2.9	1.85	2.71	-14.2	-4.01	-100000000	-24.48	*	23.6
12.71	14.21	3.34	-2.53	-1.62	-4.34	-21.82	*	40.26
30.98	31.94	2.5	1.18	0.95	1.49	4.85		27.88
37.21	31.6	7.03	-1.04	0	-2.87	-1.19		60.85
31.35	47.04	16.26	1.09	0.47	1.73	3.96		44.38

25.28	17.51	8.27	1.83	0.4	4.37	7.96		6.99
40.44	28.44	12.03	1.74	0.51	3.97	12.13		15.72
32.31	38.33	7.71	-1.35	-0.99	-2.04	-13.5		51.31
55	50.01	6.86	-3.12	-1.89	-4.68	-105.92	*	122.39
3.49	2.15	2.49	-1.95	0	-100000000	-2.04		1.24
112.88	106.44	9.59	-1.66	-1.21	-2.19	-70.55		151.89
55.03	45.04	10.29	-3.33	-1.84	-5.92	-104.93	*	113.72
10.16	12.08	2.64	2.25	1.02	28.08	6.72		8.13
18.39	17.22	3.45	-2.74	-1.97	-4.18	-29.94	*	46.78
72.34	62.36	10.33	2.32	1.62	3.21	35.53	*	27.79
10.17	8.62	7.21	-1.61	-0.15	-100000000	-5.29		13.41
24.03	28.48	5.72	4.68	1.92	100000000	22.4	*	3.01
52.56	55.3	4.9	2.17	1.74	2.71	29.78	*	25.6
7.55	5.2	4.11	-9.03	-3.77	-100000000	-41.78	*	40.84
24.17	33.74	10.27	1.12	0.54	1.87	3.69		34
3.75	5.02	3.65	-1.54	0	-100000000	-2.7		8.07
23.31	50.25	27.65	9.65	0.8	100000000	45.04		5.59
17.56	16.28	2.65	1.18	0.72	2.31	2.45		13.4
10.91	6.09	4.9	-4.8	-1.63	-100000000	-23.13	*	21.8
6.17	15.61	9.76	-2.25	-0.97	-100000000	-19.49		41.81
6.48	11.68	6.28	1.12	0.12	6.35	1.21		12.85
53.54	49.24	5.17	3.04	2.11	4.86	33.02	*	18.96
55.86	45.59	10.84	-2.59	-1.56	-4.56	-72.48	*	96.05
40.5	41.75	2.97	1.14	0.92	1.44	4.99		37.22
60.02	58.15	5.64	2.31	1.75	3.13	32.93	*	23.36
5.67	8.16	3.23	2.33	0.57	100000000	4.66		1.17
62.31	52.58	11.86	-2.56	-1.79	-4.16	-82.25	*	123.85
144.99	149.19	22.73	-1.33	-1.01	-1.83	-49.01		195.38

DMSOB70	baseline mea	baseline mea	comboA70	comboB70	experiment m	experiment m	fold change	lower bound c
442.68	423.25	22.87	150.1	233.94	192.21	42.92	-2.2	-1.59
675.45	653.35	24.68	313.37	355.51	333.22	26.18	-1.96	-1.71
695.64	657.45	40.83	1080.98	1133.29	1109.37	29.61	1.69	1.52
372.7	366.48	15.93	108.92	142.21	125.74	17.59	-2.91	-2.34
1322.43	1245.5	77.4	372.61	425.04	398.32	29.04	-3.13	-2.67
139.6	125.11	15.31	55.67	62.41	58.77	7.39	-2.13	-1.59
1217.08	1159.52	73.07	2094.31	2023.28	2062.31	48.95	1.78	1.6
634.2	574.71	62.48	1268.79	1123.1	1196.87	78.07	2.08	1.7
506.15	431.4	77.87	956.92	831.07	894.28	73	2.07	1.54
1191.99	1041.66	151.83	2332.07	2220.45	2275.94	67.22	2.18	1.75
2752.62	2926.87	181.59	5764.96	4975.09	5363.71	410.02	1.83	1.55
1060.35	1051.34	21.68	1761.98	1701.56	1735.14	38.64	1.65	1.57
402.96	369.18	34.58	150.63	186.11	168.73	18.84	-2.19	-1.73
807.81	782.49	27.93	390.22	452.53	420.1	33.44	-1.86	-1.62
1026.78	966.17	67.8	455.57	575.8	515.6	61.3	-1.87	-1.51
1476.09	1452.52	46.27	879.01	878.01	878.49	30.99	-1.65	-1.53
256.4	268.43	19.4	90.74	137.69	114.63	24.8	-2.34	-1.68
60.7	60.84	14.05	142.92	166.7	153.78	19.58	2.53	1.69

1203.55	1133.04	77.04	224.39	293.61	258.69	35.47	-4.38	-3.46
289.41	298.97	17.58	160.17	181.15	171.05	11.88	-1.75	-1.51
23.16	20.82	3.75	40.96	51	46.15	5.97	2.22	1.56
3174.63	3171.38	76.68	1057.86	1153.03	1102.44	61.03	-2.88	-2.61
283.17	263.81	22.74	143.59	143.69	143.65	6.38	-1.84	-1.55
89.74	93.38	7.21	44.01	45.76	45.12	3.57	-2.07	-1.72
469.53	431.37	49.77	949.83	900.22	926.85	50.95	2.15	1.76
4464	4388.22	102.33	2308.52	2534.4	2421.87	130.83	-1.81	-1.65
766.61	733.63	44.91	347.91	414.95	382.07	43.49	-1.92	-1.57
679.17	605.2	73.9	142.32	200.11	171.88	31.23	-3.52	-2.49
404.8	367.77	37.34	186.5	197.13	191.75	15.38	-1.92	-1.54
393.73	376.32	21.43	689.12	682.7	687.01	19.78	1.83	1.65
371.98	384.27	17.35	191.34	215.76	202.46	18.44	-1.9	-1.62
2806.73	2571.04	243.53	1123.41	1199.43	1159.16	53.86	-2.22	-1.84
762.87	815.37	56.01	426.62	461.39	443.15	21.7	-1.84	-1.6
759.93	767.96	18.65	436.8	475.25	455.72	26.65	-1.69	-1.52
231.91	245.21	22.75	74.51	81.92	78.3	15.59	-3.13	-2.25
483.63	532.99	53.74	200.8	165.35	182.24	22.94	-2.92	-2.25
813.24	781.99	41.12	237.5	314.45	277.74	41.04	-2.82	-2.22
544.73	544.35	12.21	984.37	993.14	989.11	16.8	1.82	1.74
241.22	240.82	11.93	441.33	440.8	441.03	16.82	1.83	1.65
279.35	274.62	12.37	104.16	141.15	123.52	21.38	-2.22	-1.71
2.72	4.32	2.18	27.14	25.69	26.29	2.42	6.09	3.24
255.37	259.8	8.33	131.78	131	131.3	7.27	-1.98	-1.79
1479.53	1471.01	34.19	792.75	882.82	838.74	50.31	-1.75	-1.58
583.11	545.75	39.99	200.42	306.3	252.46	56.88	-2.16	-1.54
141.17	141.8	8.62	64.24	76.7	69.74	8.28	-2.03	-1.65
294.12	281.73	13.68	97.31	123.42	110.12	14.05	-2.56	-2.08
217.15	202.5	26.64	65.43	107.71	85.21	24.33	-2.38	-1.5
28.78	24.28	5.86	60.72	53.16	57.27	6.46	2.36	1.59
760.26	746.61	35.33	326.83	336.26	331.57	38.36	-2.25	-1.86
108.46	101.17	8.72	39.22	56.45	47.9	8.74	-2.11	-1.56
133.83	133.44	6.1	63.41	69.18	65.82	5.34	-2.03	-1.75
450.38	458.51	16.09	104.69	108.86	106.75	14.74	-4.3	-3.47
482.99	493.6	15.79	94.69	121.97	107.53	15.11	-4.59	-3.7
514.65	487.36	28.36	205.06	246.44	225.11	22.47	-2.17	-1.8

136.36	119.48	18.82	16.03	29.81	23.77	9.71	-5.03	-2.76
3023.73	2705.82	342.79	791.69	1274.37	1027.19	253.03	-2.63	-1.74
287.03	288.53	10.61	129	125.54	127.54	6.96	-2.26	-2.03
192.37	188.82	8.99	376.33	413.58	394.01	21.59	2.09	1.85
230.83	215.49	17.48	88.94	119.16	104.57	17.19	-2.06	-1.56
6667.52	6762.95	149.71	3640.7	3799.42	3711.03	145.54	-1.82	-1.69
5671.05	5816.73	186.34	3494.72	3431.63	3460.7	116.66	-1.68	-1.56
25.57	28.83	6.13	61.71	61.96	61.84	3.88	2.15	1.56
18.61	14.23	5.34	58.7	60.99	59.66	3.82	4.19	2.55
659.72	625.21	37.64	223.67	253.71	238.11	18.01	-2.63	-2.24
176.79	165.91	13.26	79.6	83.56	81.32	7.12	-2.04	-1.68
2799.22	2985.37	199.9	1716.08	1354.03	1535.57	187.5	-1.94	-1.56
190.3	184.77	11.53	98.66	85.8	91.31	11.98	-2.02	-1.62
422.06	415.98	13.72	190.55	213.36	201.37	16.6	-2.07	-1.8
629.42	565.04	64.94	78.16	134.16	105.59	30.66	-5.35	-3.43
47.96	46.01	5.05	8.11	12.72	10.36	4.27	-4.44	-2.54
1072.73	1055.77	25.34	483.42	602.33	543.1	61.9	-1.94	-1.63
62.56	62.7	6.09	126.83	111.74	119.7	10.1	1.91	1.55
1668.23	1603.87	74.45	768.84	958.86	862.54	106.63	-1.86	-1.52
36.66	41.03	5.96	9.61	12.64	11.13	4.65	-3.69	-2.03
115.27	124.34	11.11	31.23	23.46	27.89	7.02	-4.46	-3.04
242.26	246.97	10.96	92.53	130.02	109.95	20.72	-2.25	-1.7
141.72	153.34	16.06	60.98	59.11	60.24	7.48	-2.55	-1.95
189.87	169.31	22.74	49.4	52	51.09	7.53	-3.31	-2.38
426.13	404.69	23.54	139.85	192.22	163.36	29.6	-2.48	-1.87
272.41	270.96	17.32	150.86	143.82	148.23	8.51	-1.83	-1.58
14.28	18.31	5.11	49.83	41.9	46.08	7.11	2.52	1.56
64.02	52.69	12.75	122.07	114.62	118.1	8.87	2.24	1.56
30.15	31.21	4.38	7.45	13	10.3	3.57	-3.03	-1.79
666.1	639.3	31.07	332.53	384.93	358.57	30.41	-1.78	-1.53
21.2	20.37	2.17	40.79	41.08	40.91	2.49	2.01	1.66
46.1	44.43	7.03	92.83	99.01	95.65	5.69	2.15	1.67
10.27	11.4	5.08	36.88	30.81	33.08	4.91	2.9	1.56
47.09	44.64	4.81	17.55	15.19	16.3	3.43	-2.74	-1.92
108.73	109.23	6.26	61.45	58.57	60.3	5.89	-1.81	-1.51
255.8	293.47	39.34	72.32	53.27	62.24	13.2	-4.72	-3.19

402.21	375.06	29.27	740.38	689.67	716.73	34.96	1.91	1.65
436.93	468.61	41.24	242.12	224.51	234.35	15.01	-2	-1.66
1094.8	1106.8	44.63	504.09	541.98	520.25	28.86	-2.13	-1.9
1530.57	1510.57	42.02	2941.75	2823.72	2882.69	74.42	1.91	1.79
2090.8	2093.23	36.95	1024.5	1234.49	1128.44	106.94	-1.85	-1.6
363.67	363.16	10.85	642.46	692.37	666.43	29.52	1.84	1.68
561.76	548.01	24.04	950.62	914.09	931.73	37.37	1.7	1.54
1466.58	1453.53	37.55	828.8	912.36	870	45.43	-1.67	-1.52
175.26	167.04	12.95	69.68	85.33	76.69	10.19	-2.18	-1.71
338.73	383.66	49.92	768.09	704.02	740.9	50.05	1.93	1.54
963.78	951.04	22.38	484.25	530.78	509.57	28.49	-1.87	-1.69
542.89	523.53	25.62	208.62	258.4	233.83	26.89	-2.24	-1.85
109.54	109.8	11.94	269.66	264.94	267.27	26.65	2.43	1.91
1487.86	1565.21	90.33	706.87	845.32	777.75	72.85	-2.01	-1.69
248.92	245.5	12.84	93.1	102.84	96.81	9.96	-2.54	-2.12
506.87	501.38	14.05	151.42	153.54	152.56	16.35	-3.29	-2.77
270.31	239.15	32.5	56.42	97.26	76.53	21.38	-3.13	-1.98
579.28	584.84	14.94	107.42	135.66	122.6	17.25	-4.77	-3.86
119.37	116.55	12.35	48.79	55.52	51.43	12.33	-2.27	-1.54
357.68	380.47	25.62	17.02	37.05	26.52	10.8	-14.35	-8.46
406.51	422.03	22.67	219.13	201.53	210.45	13.11	-2.01	-1.75
3817.99	3352.34	510.52	510.03	1007.81	754.14	258.38	-4.45	-2.6
35.92	31.65	4.48	6.16	4.86	5.66	2.71	-5.59	-2.94
85.53	90.2	6.77	42.8	43.03	42.89	3.3	-2.1	-1.76
218.23	211.27	14.35	389.15	358.34	372.67	18.29	1.76	1.54
53.61	58.74	6.77	112.67	109.22	110.5	8.08	1.88	1.52
173.61	176.04	5.8	102.21	102.13	102.17	5.46	-1.72	-1.56
51.78	50.98	4.02	13.46	16.55	14.41	3.38	-3.54	-2.48
116.59	115.33	4.37	65.72	50.88	58.48	9.56	-1.97	-1.54
2.64	2.71	3.71	33.96	29.66	31.7	3.26	11.7	3.52
123.91	125.6	7.78	66.98	54.02	60.03	9.04	-2.09	-1.63
302.53	296.67	12.36	580.62	566.44	574.89	19.53	1.94	1.77
6.93	9.35	4.41	34.76	33.78	34.16	2.85	3.65	2.01
351.99	351.14	8.55	733.39	682.88	709.05	29.83	2.02	1.86
1746.29	1640.26	116.41	3106.18	2730.71	2914.7	198.36	1.78	1.51
38.75	40.82	4.97	7.56	16.59	12.17	5.14	-3.35	-1.88

2410.28	2317.35	109.44	702.9	918.58	809.85	108.79	-2.86	-2.31
2205.45	2210.4	64.1	782.95	812.2	799.38	25.83	-2.77	-2.58
1447.87	1541.2	108.2	759.26	900.07	832.61	80	-1.85	-1.53
3827.43	3802.2	173.07	2173.66	2125.18	2148.03	116.37	-1.77	-1.58
269.89	289.23	21.19	167.15	146.22	158.13	14.34	-1.83	-1.51
299.09	302.61	16.07	680.5	640.02	664.64	28.7	2.2	1.96
424.74	411.02	19.93	692.7	710.5	699.85	18.5	1.7	1.56
316.84	377.33	65.75	1004.88	774.24	888.93	122.9	2.36	1.64
762.45	740.61	31.3	1630.61	1406.52	1519.35	121.56	2.05	1.76
376.7	349.88	30.76	145.33	194.28	166.13	29.44	-2.11	-1.56
950.29	1032.04	91.16	1894.74	2037.84	1966.19	75.31	1.91	1.64
292.71	268.93	25.66	106.73	81.3	94.2	14.86	-2.85	-2.14
645.55	639.71	13.6	375.56	370.58	372.43	8.63	-1.72	-1.63
623.98	639.18	22.08	348.4	397.39	374.12	26.47	-1.71	-1.51
237.86	245.06	12.56	418.97	436.77	425.81	22.84	1.74	1.54
753.49	736.94	20.87	404.76	382.15	394.66	15.8	-1.87	-1.72
465.45	453.13	15.81	737.9	749.24	744.3	14.73	1.64	1.54
467.95	427	41.61	165.94	222.1	193.95	29.3	-2.2	-1.66
125.14	126.7	10.37	19.21	35.43	27.42	8.82	-4.62	-2.94
556.59	570.25	23.74	82.12	164.97	123.49	41.44	-4.62	-2.96
323.53	320.76	14.91	162.3	185.85	173.47	19.98	-1.85	-1.53
258.62	237.26	22.09	21.24	30.95	26.16	5.82	-9.07	-6.36
246.59	253.66	13.75	149.22	146.15	147.83	7.92	-1.72	-1.51
35.3	36.44	3.01	75.92	69.1	72.91	5.91	2	1.65
64.18	64.46	3.31	28.89	30.6	29.71	3.36	-2.17	-1.79
26.09	25.11	3.17	5.15	2.49	3.48	3.5	-7.21	-2.62
85.13	81.06	8.27	37.09	42.54	39.34	5.74	-2.06	-1.55
161.55	148.19	13.67	364.89	311.22	337.53	28.97	2.28	1.85
592.75	531.6	63.48	133.03	234.54	181.99	52.96	-2.92	-1.86
22.01	19.85	8.64	59.65	54.17	56.35	5.3	2.84	1.61
280.47	228.04	52.58	643.63	634.48	639.41	26.74	2.8	2.02
30.92	30.22	3.23	5.71	9.92	8.14	3.76	-3.71	-2.03
53.7	51.3	4.8	102.52	93.17	97.63	6.97	1.9	1.57
23.44	26.19	3.82	47.6	55.5	51.93	5.11	1.98	1.5
16.47	12.29	5.45	33.65	33.47	33.56	3.8	2.73	1.51
1216.03	1156.78	70.6	2069.88	2165.89	2114.76	63.3	1.83	1.64

37.67	40.65	4.3	11.19	10.49	10.75	1.89	-3.78	-2.75
715.21	675.59	41.61	364.14	381.86	371.15	24.15	-1.82	-1.57
40.28	41.24	4.31	105.22	110.51	107.41	8.09	2.6	2.12
113.84	121.36	9.82	54.46	66.28	60.09	7.65	-2.02	-1.59
247.75	242.33	9.75	125.52	111.39	117.78	10.86	-2.06	-1.76
16.2	13.83	3.89	31.75	37.2	34.07	3.8	2.46	1.6
885.96	890.89	20.37	490.17	536.87	513.13	26.15	-1.74	-1.59
3376.66	3593.62	229.87	1883.53	1959.38	1913.73	61.59	-1.88	-1.66
129.86	138.7	12.1	65.26	75.89	70.58	8.77	-1.97	-1.54
239.52	245.81	13.01	92.39	137.03	114.36	23.77	-2.15	-1.58
599.33	576.63	29.01	301.88	321.25	311.12	22.32	-1.85	-1.61
505.9	499.72	15.94	244.95	273.27	260.07	19.87	-1.92	-1.69
51.36	49.21	8.73	129.63	120.7	124.66	9.21	2.53	1.9
87.81	85.7	9.03	46.35	38.83	42.01	6.72	-2.04	-1.51
603	596.62	17.35	993.24	984.03	989.8	17.81	1.66	1.57
431.94	410.63	23.52	118.3	179.23	147.42	32.05	-2.79	-2.02
643.77	682.64	42.97	386	388.86	387.57	14.57	-1.76	-1.56
356.46	329.96	27.37	152.46	155.76	153.78	7.12	-2.15	-1.82
118.53	119.77	8.11	60.7	40.46	50.94	12.95	-2.35	-1.62
69.03	76.54	8.81	13.73	28.43	20.99	8.73	-3.65	-2.07
359.92	321.53	39.61	83.78	170.13	126.72	43.8	-2.54	-1.53
86.44	80.88	7.23	32.86	37.01	34.99	7.03	-2.31	-1.67
1414.01	1376	44.3	2412.41	2329.96	2364.6	64.15	1.72	1.6
597.64	605.36	19.42	328.63	337.47	334.59	14.46	-1.81	-1.66
224.73	236.12	16.73	118.77	109.2	114.82	8.84	-2.06	-1.73
1452.15	1397.64	59.09	642.02	845.96	742.75	103.19	-1.88	-1.51
486.29	485.42	18.46	205.18	237.23	221.52	19.78	-2.19	-1.88
603.69	609	15.47	322.31	368.19	346.33	25.92	-1.76	-1.55
66.08	52.68	13.58	189.46	163.19	175.42	16.43	3.33	2.25
259.83	257.19	10.18	131.37	131.82	131.62	5.07	-1.95	-1.78
29.85	35.11	6.62	7.8	9.84	8.38	4.5	-4.19	-2
162.45	165.39	9.2	308.14	315.69	312.31	10.93	1.89	1.7
294	281.17	17.4	119.22	145.58	132.37	14.31	-2.12	-1.75
146.01	162.23	18.34	58.69	70.21	63.26	9.06	-2.56	-1.91
417.94	415.08	15.57	145.77	163.57	153.61	15.34	-2.7	-2.29
174.38	169.65	10.35	292.88	299.51	297.03	8.92	1.75	1.57

179.82	165.33	16.03	49.7	51.05	50.55	6.09	-3.27	-2.54
85.24	91.11	9.11	30.69	34.76	33.04	6.13	-2.76	-2
153.89	136.54	18.97	44.97	62.45	53.19	11.28	-2.57	-1.73
165.62	149.58	18.13	32.95	77.14	54.89	22.46	-2.73	-1.55
75.29	67.44	10.06	22.07	30.46	25.94	6.29	-2.6	-1.68
32.02	29.7	3.85	70.16	65.88	67.96	6.27	2.29	1.77
402.97	383.92	27.86	128.29	189.81	158.56	31.54	-2.42	-1.77
223.17	255.82	34.12	51.77	79.59	64.86	14.98	-3.94	-2.62
137.94	141.39	9.33	367.59	318.76	342.52	28.93	2.42	2.02
53.81	56.82	5.42	131.46	119.6	124.47	8.94	2.19	1.81
65.67	65.82	5.62	174.25	163.56	168.8	9.97	2.56	2.17
274.17	242.39	32.97	72.05	116.51	92.32	25.02	-2.63	-1.68
357.03	375.71	23.25	641.82	713.23	676.35	38.37	1.8	1.57
149.16	156.92	10.56	75.59	79.39	77.32	6.13	-2.03	-1.71
96.2	95.5	4.84	40.76	35.1	38.33	5.98	-2.49	-1.95
125.46	114.92	11.62	37.16	41.31	38.88	7.81	-2.96	-2.1
162.91	171.82	12.93	96.66	76.34	86.76	13.45	-1.98	-1.52
149	152.48	9.11	81.13	78.82	79.99	6.39	-1.91	-1.62
692.78	687.7	28.83	256.43	398.66	326.63	72.55	-2.11	-1.53
92.97	87.73	7.79	32.99	31.36	32.12	5.38	-2.73	-2.04
240.42	237.73	7.52	141.89	101.08	121.47	21.1	-1.96	-1.51
63.75	64.32	5.82	21.49	18.82	20.54	5.12	-3.13	-2.14
133.69	137.57	8.14	73.96	68.28	71.56	7.13	-1.92	-1.6
243.44	252.37	11.77	152.55	131.23	141.76	13.25	-1.78	-1.51
40.65	37.86	4.84	16.23	47.01	33.21	16.78	-1.14	-0.59
888.44	849.85	46.42	553.9	971.09	761.33	209.56	-1.12	-0.76
70.96	59.4	12.59	31.35	25.03	27.55	5.06	-2.16	-1.31
33.33	30.38	3.78	11.74	29	20.1	8.98	-1.51	-0.83
455.85	480.08	27.54	448.76	380.51	414.84	37.57	-1.16	-0.98
257.04	205.86	51.61	79.96	103.21	92.12	15.36	-2.23	-1.25
350.52	308.14	43.28	99.36	210.56	154.81	57.2	-1.99	-1.15
586.4	587.07	22.32	312.32	476.74	394.41	86.72	-1.49	-1.09
61.87	54.8	10.88	42.7	41.08	41.97	12.32	-1.31	-0.75
1611.8	1607.19	35.79	1943.81	1772.39	1858.88	90.59	1.16	1.06
672.62	682.44	15.12	491.67	639.95	565.29	74.58	-1.21	-0.99
8.94	8.9	2.48	18.31	11.64	14.45	4.87	1.62	0.67

413.26	418.86	15.14	373.71	413.28	394.48	23.04	-1.06	-0.95
52.81	54.18	6.08	28.91	52.15	40.59	11.89	-1.33	-0.85
28.74	26.61	3.4	16.81	18.33	17.69	3.01	-1.5	-1.07
19.89	13.63	9.17	4.98	6.78	5.79	3.81	-2.35	0
12.34	8.72	4.55	6.64	12.76	10.62	4.55	1.22	0.32
21.68	17.44	6.52	26.38	10.06	17.07	11.62	-1.02	-0.31
1144.36	1170.61	46.44	1627.17	1515.71	1573.45	67.72	1.34	1.22
2271.54	2193.43	84.49	1847.74	2016.3	1926.85	94.17	-1.14	-1.03
1336.46	1199.74	137.42	1757.46	1504.37	1630.32	132.4	1.36	1.09
21.83	28.14	7.47	24.34	9.2	17.15	8.29	-1.64	-0.72
31.76	29.68	8.05	24.31	17.29	21.61	11.99	-1.37	-0.57
42.3	40.03	6.79	51.14	52.21	51.65	6.29	1.29	0.93
362.8	359.81	10.67	262.18	300.56	280.86	21.47	-1.28	-1.13
12.74	17.96	5.88	15.65	19.44	16.58	7.56	-1.08	-0.42
29.54	23	8.41	24.46	34.63	29.33	6.06	1.28	0.68
12629.35	12359.2	310.95	11963.41	12224.56	12083.48	193.26	-1.02	-0.97
842.3	796.16	47.38	533.49	610.54	570.92	40.8	-1.39	-1.2
22.2	25.04	5.4	32.75	33.21	33.05	4.47	1.32	0.89
271.27	220.65	51.09	77.25	150.45	113	37.68	-1.95	-1.02
4.1	4.39	2.8	6.76	21.19	13.9	7.46	3.16	0.35
18.68	16.94	6.06	22.4	19.88	21.1	4.94	1.25	0.64
45.33	49.81	6.72	56.21	66.74	61.67	6.49	1.24	0.94
430.76	433.2	19.26	1093.98	764.39	927.29	174.02	2.14	1.47
6.17	24.14	18.29	36.11	54.33	45.54	9.35	1.89	0.75
657.97	652.76	14.94	559.95	558.46	558.99	26.08	-1.17	-1.07
4355.83	4604.95	288.71	4346.86	3886.98	4120.52	245.96	-1.12	-0.97
5436.86	5578.98	198.8	5489.76	4627.93	5060.19	444.51	-1.1	-0.95
271.11	274.17	13.27	208.76	229.6	218.37	12.69	-1.26	-1.11
240.14	202.29	42.19	75.34	129.49	102.55	32.44	-1.97	-1.09
125.13	106.34	21.89	30.24	69.51	48.82	21.03	-2.18	-1.1
383.22	347.09	45.75	513.12	389.77	452.2	68.91	1.3	0.92
6.05	4.29	3.37	6.71	8.78	7.68	8.88	1.79	0
65.6	62.75	5.03	66.6	56.54	62.38	6.73	-1.01	-0.81
270.66	246.72	24.26	141.04	175.49	158.85	17.74	-1.55	-1.22
92.1	105.74	14.39	80.58	72.77	76.05	6.92	-1.39	-1.04
63.47	54.52	9.5	90.78	75.21	83.45	9.09	1.53	1.11

50.43	47.33	6.79	21.76	21.74	21.75	5.02	-2.18	-1.43
549.17	482.36	67.44	867.96	857.52	862.61	22.98	1.79	1.45
2.36	2.83	1.24	3.35	11.68	7.18	4.65	2.53	0
7322.28	7358.43	108.6	4388.58	5022.25	4706.09	333.88	-1.56	-1.4
3.73	14.92	11.39	34.98	32.98	33.91	2.58	2.27	0.99
6789.82	6878.7	140.86	4554.82	4972.59	4761.77	241.39	-1.44	-1.32
20.21	21	4.46	18.46	15.14	16.79	3.97	-1.25	-0.73
107.96	110.17	9.47	75.91	84.82	80.78	11.93	-1.36	-1.04
19.32	20.74	2.96	13.43	8.85	10.69	3.78	-1.94	-1.14
104.81	98.81	8.15	57.39	52.94	55.87	7.7	-1.77	-1.37
42.02	43.91	5.32	39	22.21	30.26	10.37	-1.45	-0.88
12.91	13.45	8.47	22.61	17.47	19.75	9.65	1.47	0.26
11.68	11.08	2.33	2.12	7.07	4.42	3.02	-2.51	-1.05
1264.25	1546.94	287.86	135.83	138.94	137.44	12.96	-11.26	-7.61
9.07	6.74	6.98	15.21	4.12	8.88	8.64	1.32	0
205.56	239.8	35.89	747.14	531.4	639.03	110.06	2.66	1.79
1894.14	1916.53	88.27	1275.48	2073.13	1671.9	401.62	-1.15	-0.81
68.66	63.03	7.25	57.62	40.43	48.57	10.07	-1.3	-0.9
91.44	91.95	6.61	227.98	150.43	189.39	39.56	2.06	1.33
185.67	160.71	25.66	54.42	70.64	62.66	13.99	-2.56	-1.66
230.76	263.57	45.41	607.59	876.65	737.64	141.91	2.8	1.78
676.34	602.9	74.39	527.12	508.27	517.09	12.81	-1.17	-0.93
41.39	39.92	5.07	35.44	35.87	35.64	3.75	-1.12	-0.84
44.07	46.11	4.45	35.84	42.82	39.4	6.1	-1.17	-0.88
408.12	337.74	70.64	16.11	72.52	44.07	29.57	-7.66	-3.23
386.08	390.33	11.32	676.66	495.03	585.46	92.83	1.5	1.11
160.87	162.84	6.26	99.46	118.26	108.42	11.61	-1.5	-1.26
55.28	49.29	7.16	31.75	28.17	29.67	4.12	-1.66	-1.18
112.65	102.16	12.63	50.32	54.16	52.03	5.8	-1.96	-1.48
8.82	9.06	2.1	24.36	25.06	24.67	3.82	2.72	1.76
36.38	40.81	6.27	44.12	34.98	39.54	6.54	-1.03	-0.71
61.84	47.92	15.5	52.15	20.9	36.06	17.52	-1.33	-0.51
19.31	13.23	6.29	5.41	8.05	7.09	2.86	-1.87	-0.39
493.69	433.3	61.46	143.57	168.58	154.26	19.82	-2.81	-2.03
81.39	76.98	9.37	19.12	42.72	31.35	12.91	-2.46	-1.39
23.22	23.86	7.6	29.9	39.45	34.26	10.79	1.44	0.62

29.62	34.93	5.52	8.54	22.88	16.01	7.93	-2.18	-1.11
246.21	216.11	34.72	64.89	79.37	72.03	17.09	-3	-1.91
20	31.14	11.46	8.31	2.49	5.01	3.5	-6.22	-1.88
74.36	63.3	12.63	21.5	25.87	23.69	6.41	-2.67	-1.55
38.99	34.84	7.46	15.01	27.64	21.09	7.68	-1.65	-0.87
48.99	45.44	6.16	18.5	22.99	20.53	5.12	-2.21	-1.44
20.92	20.25	2.5	33.33	23.46	28.58	5.93	1.41	0.9
30.08	33.2	5.82	7.91	30.76	19.11	11.91	-1.74	-0.79
31.79	30.55	4.5	23.8	12.48	18.08	6.81	-1.69	-0.97
109.56	111.35	6.46	44.88	70.74	57.76	13.24	-1.93	-1.38
303.29	274.91	29.47	105.11	169.3	137.43	32.78	-2	-1.36
95.14	83.8	12.42	27.35	27.92	27.61	4.26	-3.04	-2.12
107.86	123.79	17.8	118.41	110.1	115.01	5.5	-1.08	-0.81
13.56	8.02	5.77	13.75	2.71	8.44	6.15	1.05	0
19.19	30.35	11.79	30.64	26.51	28.52	2.84	-1.06	-0.38
245.02	215.26	30.18	65.62	127.46	96.42	31.05	-2.23	-1.35
78.73	78.74	5.84	43.45	54.41	48.44	8.42	-1.63	-1.22
6.78	9.13	2.86	39.68	23.66	31.38	8.69	3.44	1.66
29.2	31.07	6.26	180.84	91.5	135.94	46.85	4.38	1.82
11.2	10.54	4.02	26.28	22.98	24.44	3.29	2.32	1.34
215.95	259.11	45.26	157.94	106.96	132.43	27.22	-1.96	-1.25
57.43	63.89	7.13	31.52	41.11	36.26	5.65	-1.76	-1.3
42.63	46.6	4.69	13.54	26.21	19.54	7.13	-2.38	-1.44
18.83	14.69	4.5	18.12	12.32	15.05	4.48	1.02	0.47
51.94	44.53	8.56	32.18	26.83	29.41	4.5	-1.51	-0.98
26.9	32.85	7.77	21.67	18.84	20.12	2.73	-1.63	-0.96
1.23	3.65	3.21	24.91	14.5	19.84	5.69	5.44	1.79
14.25	18.32	6.02	17.91	23.92	20.82	4.81	1.14	0.6
2.27	3.67	3.61	26.25	10.84	18.05	8.91	4.92	0.75
9.11	7.55	3.55	2.75	10.69	5.97	4.91	-1.27	-0.24
4.2	2.06	2.49	1	1.22	1.12	0.32	-1.84	0
7.09	4.12	3.26	19.14	30.18	23.55	8.21	5.72	1.73
28.74	29.42	6.21	119.43	39.42	79.49	41.38	2.7	0.38
478.34	445.08	34.49	209.9	263.06	237.75	28.78	-1.87	-1.49
3.22	3.11	4.66	2.86	2.67	2.77	4.19	-1.12	0
49.85	48.1	6.78	16.44	34.62	24.93	9.88	-1.93	-1.09

3068.04	2930.32	139.32	4224.51	4248.58	4235.33	55.51	1.45	1.34
51.72	50.32	4.85	54.79	42.3	48.48	7.75	-1.04	-0.78
86.96	68.71	19.78	13.27	22.33	17.8	7.46	-3.86	-1.69
5.15	7.05	3.18	15.48	8.2	12.51	6.33	1.77	0.28
99.88	97.77	9.11	48.51	70.85	58.18	15.28	-1.68	-1.13
65.4	57.25	8.35	38.68	28.13	32.78	6.94	-1.75	-1.16
103.38	108.61	21.42	204.89	210.54	207.24	9.01	1.91	1.43
39.19	37.41	4.77	28.83	50.71	39.75	11.37	1.06	0.55
6.63	6.2	1.88	33.36	11.9	22.34	11.33	3.6	0.58
45.43	62.08	17.16	36.76	49.1	42.78	6.79	-1.45	-0.76
13.27	14.95	4.13	26.31	32.37	29.38	5.1	1.97	1.19
10.99	8.49	3.18	25.94	9.39	17.6	8.62	2.07	0.39
6.56	4.63	3.03	4.02	2.53	3.22	1.95	-1.44	0
48.99	47.14	4.89	30.29	37.44	34.12	5.14	-1.38	-1.03
16.69	13.26	5.49	34.05	37.46	36.09	2.68	2.72	1.59
5.32	7.69	5.66	6.29	45.01	25.42	19.71	3.31	0
59.58	52.76	7.6	27.22	54.51	40.82	13.73	-1.29	-0.77
60.08	59.57	9.27	170.14	120.58	145.27	26.73	2.44	1.6
155.21	135.45	20.75	41.06	40.13	40.69	4.27	-3.33	-2.39
5.54	5.46	2	22.96	22.91	22.93	3.1	4.2	2.45
197.73	171.6	27.07	52.82	91.65	70.72	22.5	-2.43	-1.44
10.09	12.83	4.18	42.34	23.44	32.92	10.75	2.57	1.07
28.6	35.62	8.17	28.4	20.39	24.63	4.75	-1.45	-0.84
31.48	22.26	9.22	22.44	36.27	29.14	8.07	1.31	0.59
29.6	33.89	5.37	20.94	25.65	22.75	3.36	-1.49	-1.03
45.87	37.46	8.43	20.67	15.22	17.69	4.58	-2.12	-1.19
174.08	203.71	30.37	24.79	29.78	27.44	4.88	-7.42	-5.07
44.72	44.44	2.52	9.54	38.33	24.04	14.4	-1.85	-0.92
28.47	26.61	4.75	42.82	26.5	35.39	10.15	1.33	0.67
44.32	39.59	5.34	28.12	21.43	24.55	5.49	-1.61	-1.08
40.46	43.28	4.49	37.7	21.32	30.15	10.32	-1.44	-0.88
29.49	26.33	3.74	8.93	10.27	9.74	3.76	-2.7	-1.54
30.85	36.03	5.7	23.97	14.49	19.22	5.96	-1.87	-1.12
26.45	27.09	3.05	33.76	37.01	34.86	3.86	1.29	0.99
4.97	32.78	28.76	10.83	27.34	19.09	8.9	-1.72	0
42.09	43.08	1.99	52.71	30.69	40.86	12.9	-1.05	-0.69

11.63	9.54	2.78	13.91	10.94	11.99	3.78	1.26	0.55
17.32	16.3	4.66	29.57	46.92	38.1	8.9	2.34	1.26
52.02	51.83	3.26	47.28	43.96	46	4.87	-1.13	-0.93
190.07	155.93	34.96	32.02	50.94	41.13	10.7	-3.79	-2.12
7.41	4.2	3.21	1.86	1	1.24	2.13	-3.39	0
202.34	176.99	26.64	81.65	67.81	75.75	9.85	-2.34	-1.66
186.25	149.97	36.24	27.93	58.47	42.83	15.6	-3.5	-1.76
3.25	5.36	2.99	11.04	12.09	11.7	2.79	2.18	0.96
47.62	47.16	4.36	32.42	15.38	24.2	9.27	-1.95	-1.16
25.77	26.83	3.15	63.62	80.61	71.69	9.33	2.67	1.98
14.15	13.91	7.59	11.97	10.24	11.36	4.7	-1.22	-0.12
9.06	6.09	4.41	15.13	11.97	13.87	2.8	2.28	0.93
25.4	25.52	2.54	48.61	62.64	55.55	7.19	2.18	1.64
52.28	46.98	6.19	25.36	39.23	32.18	7.18	-1.46	-0.98
27.43	30.05	4.78	35.03	25.33	30.78	6.69	1.02	0.62
7.41	7.72	4.68	14.48	44.95	29.69	15.32	3.84	0.54
4.82	5.21	5.59	66.36	42.36	54.19	13.74	10.41	3.23
14.01	13.83	3.95	19.61	5.24	12.79	8.41	-1.08	-0.41
36.67	29.22	8.57	25.48	44.27	34.39	10.12	1.18	0.55
29.33	35.09	7.57	26.05	40.5	33.3	8.33	-1.05	-0.6
8.23	10.47	5.15	15.52	38.73	27.03	12.44	2.58	0.57
13.54	16.22	3.55	16.48	10.38	13.69	5.1	-1.18	-0.62
140.91	118.08	23.16	19.03	39.12	28.74	11.03	-4.11	-2.19
36.42	36.76	4.28	51.05	45.22	47.99	4.3	1.31	1.03
28.11	25.21	3.61	45.46	69.39	57.87	12.53	2.3	1.41
6.46	3.49	3.38	2.57	9.55	6.56	4.14	1.88	0
146.51	134.82	12.72	28.53	80.1	52.51	27.91	-2.57	-1.33
201	198.2	17.76	134.71	162	146.94	23.26	-1.35	-1.02

upper bound	difference of ı	t statistic	P value	filtered	DMSO A112	DMSO B112	baseline mea	baseline mea
-3.5	-231.04	-4.751	0.068345	*	144	155.64	150.86	10.6
-2.28	-320.13	-8.898	0.012531	*	411.02	454.38	432.56	22.89
1.89	451.92	8.959	0.016172	*	279.09	418.78	348.58	70.42
-3.82	-240.74	-10.145	0.009894	*	196.47	206.1	200.89	11.7
-3.67	-847.18	-10.248	0.035108	*	1431.11	1931.77	1680.55	250.85
-2.86	-66.34	-3.901	0.098476	*	382.96	420.79	402.02	20.68
2	902.79	10.265	0.014505	*	1202.32	1032.23	1115.94	92.39
2.6	622.16	6.222	0.027839	*	1583.6	1188	1384.84	202.03
3.01	462.88	4.337	0.049645	*	1055.22	861.14	958.08	101.58
2.88	1234.28	7.433	0.044563	*	2686.87	2066.14	2375.63	317.87
2.15	2436.84	5.434	0.067889	*	1664.42	1714.92	1692.83	73.32
1.73	683.8	15.434	0.010516	*	268.4	237.43	252.14	21.2
-2.8	-200.45	-5.09	0.060312	*	18.63	23.72	20.7	7.81
-2.17	-362.4	-8.317	0.015516	*	691.97	735.45	712.25	29.25
-2.39	-450.57	-4.929	0.039565	*	855.9	964.89	912.03	55.98
-1.79	-574.03	-10.308	0.014401	*	2397.42	2823.86	2606.43	218.68
-3.68	-153.8	-4.885	0.044067	*	126.56	125.9	126.16	9.4
4.21	92.94	3.857	0.071219	*	480.09	406.15	442.96	40.73

-5.77	-874.35	-10.309	0.027051 *	16.49	12.46	14.51	4.22
-2.04	-127.92	-6.029	0.035665 *	369.43	398.42	382.06	17.07
3.3	25.33	3.594	0.089149 *	19.74	17.14	18.58	4.44
-3.19	-2068.94	-21.111	0.002819 *	31.49	37.81	34.35	22.86
-2.14	-120.16	-5.088	0.099041 *	157.88	195.2	176.66	20.91
-2.49	-48.27	-6	0.052831 *	84.9	79.12	82.35	8.71
2.7	495.48	6.957	0.020073 *	1185.82	1295.69	1237.17	61.92
-2	-1966.35	-11.839	0.008645 *	116.38	128	121.93	15.73
-2.41	-351.55	-5.624	0.030264 *	761.49	618.88	688.66	77.15
-5.24	-433.32	-5.401	0.071352 *	485.79	582.41	534.35	49.22
-2.37	-176.02	-4.358	0.095967 *	420.33	397.34	408.67	16.21
2.03	310.69	10.653	0.008887 *	917.02	815.34	865.81	54.2
-2.27	-181.81	-7.18	0.01904 *	338.89	369.01	354.46	20.42
-2.62	-1411.88	-5.661	0.095857 *	1823.93	1760.57	1789.87	53.05
-2.11	-372.21	-6.197	0.064396 *	110.44	121.88	115.74	8.51
-1.88	-312.24	-9.599	0.015121 *	599.2	565.49	582.82	26.74
-4.76	-166.91	-6.053	0.034807 *	6.26	6.54	6.41	5.92
-3.86	-350.75	-6.003	0.061581 *	118.86	94.07	106.35	19.17
-3.76	-504.24	-8.68	0.013015 *	141.09	119.9	131.22	27.7
1.9	444.76	21.416	0.003322 *	59.11	75.7	66.2	12.37
2.03	200.21	9.71	0.014494 *	324.35	306.55	314.77	22.47
-3.13	-151.09	-6.116	0.042508 *	33.81	34.38	34.09	6.68
36.49	21.97	6.744	0.021846 *	7.69	30.57	19.48	11.63
-2.2	-128.5	-11.627	0.007813 *	53.44	71.75	61.99	12.03
-1.96	-632.27	-10.394	0.013833 *	767.79	760.41	764.63	21.96
-3.48	-293.29	-4.218	0.062414 *	859.84	878.66	870.31	20.86
-2.58	-72.06	-6.027	0.026545 *	20.58	13.41	17.14	7.24
-3.28	-171.6	-8.751	0.012835 *	28.08	51.02	39.35	11.76
-4.6	-117.29	-3.251	0.083913 *	907.15	1134.98	1020.2	114.79
4.01	32.99	3.782	0.064303 *	72.79	67.53	70.27	5.68
-2.82	-415.05	-7.958	0.015727 *	1719.01	2107.74	1912.69	194.88
-3.09	-53.27	-4.314	0.049759 *	38.97	44.31	41.47	10.02
-2.38	-67.61	-8.337	0.014822 *	118.82	173.45	146.03	27.77
-5.59	-351.76	-16.125	0.00395 *	299.87	337.38	318.47	21.65
-6	-386.07	-17.67	0.003215 *	295.05	303.45	298.23	10.06
-2.65	-262.25	-7.249	0.021207 *	325.72	341.68	332.53	13.09

-15.58	-95.72	-4.519	0.075793 *	144.82	131.86	137.73	11.77
-4.56	-1678.63	-3.94	0.067205 *	5726.18	6093.59	5906.61	199.03
-2.53	-160.98	-12.686	0.010479 *	163.56	158.9	161.11	10.5
2.35	205.19	8.773	0.038302 *	237.3	189.9	212.2	27.07
-2.89	-110.91	-4.524	0.045568 *	107.97	112.56	110.14	7.82
-1.97	-3051.92	-14.617	0.004663 *	350.55	369.26	358.5	34.75
-1.81	-2356.03	-10.717	0.015235 *	368.05	392.86	381.85	36.85
3.33	33.01	4.552	0.061122 *	112.46	95.28	104.36	10
11	45.43	6.918	0.026154 *	4.22	4.56	4.46	2.61
-3.09	-387.1	-9.278	0.029689 *	718.15	791.04	751.97	42.42
-2.49	-84.59	-5.619	0.053009 *	34.34	21.82	29.34	10.57
-2.49	-1449.79	-5.29	0.034227 *	2634.42	3479.68	3057.44	422.83
-2.63	-93.46	-5.621	0.030325 *	576.19	681.8	627.86	54.53
-2.41	-214.6	-9.965	0.011125 *	15.17	22.95	18.72	8.76
-10.44	-459.45	-6.398	0.050932 *	84.71	107.52	95.88	13.93
-13.92	-35.66	-5.394	0.034651 *	31.02	45.34	37.19	9.01
-2.4	-512.68	-7.665	0.046551 *	261.61	309.71	285.74	28.44
2.37	57	4.833	0.058381 *	4.34	4.92	4.64	5.56
-2.36	-741.33	-5.7	0.037698 *	2080.75	2277.54	2172.6	106.1
-11.92	-29.9	-3.955	0.06416 *	18.37	20.09	18.96	3.9
-7.72	-96.45	-7.337	0.028151 *	12.17	9.18	10.58	4.65
-3.27	-137.02	-5.846	0.050831 *	25.69	32.62	28.12	6.68
-3.36	-93.11	-5.256	0.067774 *	327.87	330.21	329.16	10.48
-4.66	-118.22	-4.936	0.094644 *	22.49	25.95	23.96	5.28
-3.57	-241.33	-6.381	0.026737 *	96.95	109.57	103.31	8.4
-2.1	-122.73	-6.36	0.049091 *	327.12	393.78	359.96	34.17
4.82	27.78	3.173	0.09792 *	45.01	18.28	32.34	14.58
3.76	65.41	4.211	0.063149 *	167.47	158.02	162.33	9.6
-7.19	-20.91	-3.7	0.070005 *	36.71	20.44	28.36	8.98
-2.11	-280.73	-6.457	0.023179 *	292.37	322.26	306.67	21.48
2.49	20.54	6.22	0.026024 *	18.01	17.76	17.93	2.78
2.95	51.22	5.661	0.0328 *	76.02	62.48	68.71	8.37
10.96	21.67	3.067	0.092003 *	6.31	11.14	8.84	3.76
-4.31	-28.34	-4.796	0.049495 *	42.07	53.74	47.84	7.05
-2.21	-48.94	-5.693	0.029735 *	18.23	4.31	10.99	7.63
-7.55	-231.23	-5.572	0.081331 *	21.37	13.12	16.82	6.91

2.24	341.67	7.493	0.018865 *	620.26	609.02	614.33	18.49
-2.38	-234.26	-5.338	0.081254 *	102.74	134	118.47	20.87
-2.39	-586.54	-11.036	0.013659 *	1342.88	1828.37	1585.85	243.03
2.03	1372.12	16.055	0.009752 *	909.22	930.09	919.07	40.52
-2.2	-964.79	-8.527	0.047659 *	678.62	922.04	796.66	130.9
2	303.27	9.643	0.038684 *	651.98	661.83	657.97	18.19
1.88	383.72	8.635	0.020849 *	519.37	431.89	477.26	48.6
-1.84	-583.53	-9.901	0.011263 *	890.43	1025.44	958.41	70.55
-2.86	-90.35	-5.483	0.035635 *	158.36	150.52	154.38	8.6
2.51	357.23	5.053	0.036999 *	672.15	1312.28	991.05	320.76
-2.07	-441.47	-12.187	0.008133 *	762.64	802.23	781.88	27.14
-2.8	-289.7	-7.801	0.016146 *	299.92	381.84	340.54	42.36
3.12	157.47	5.393	0.067833 *	1013.4	924.95	970.26	48.95
-2.43	-787.47	-6.786	0.023539 *	1921.5	1688.22	1803.7	121.65
-3.1	-148.69	-9.15	0.014141 *	14.59	22.13	18.92	7.7
-4.01	-348.82	-16.179	0.004175 *	20	21.31	20.53	6.19
-5.94	-162.62	-4.181	0.067358 *	11.93	20.86	16.62	7.26
-6.22	-462.23	-20.255	0.00267 *	22.95	15.57	19.4	12.61
-3.82	-65.12	-3.732	0.064875 *	273.29	307.75	292.99	20.45
-43.61	-353.95	-12.731	0.022964 *	850.65	896.47	872.37	25.14
-2.3	-211.57	-8.078	0.02752 *	8.75	9.38	9.06	6.32
-10.42	-2598.2	-4.541	0.076664 *	12990.22	13194.96	13088.63	183.47
-26.52	-25.99	-4.961	0.055882 *	9.54	15.61	12.32	4.66
-2.51	-47.31	-6.282	0.050348 *	24.43	18.61	21.53	4.34
2.03	161.4	6.943	0.023208 *	43.68	37.79	41.68	7.86
2.39	51.75	4.907	0.041535 *	57.26	61.43	59.68	5.12
-1.92	-73.87	-9.277	0.011555 *	6.61	14.24	10.23	5.12
-5.84	-36.58	-6.962	0.021586 *	45.54	75.33	59.84	15.69
-2.71	-56.85	-5.408	0.066267 *	60.02	59.57	59.84	4.94
100000000	28.99	5.866	0.02892 *	12.06	48.54	30.28	18.32
-2.82	-65.57	-5.495	0.033111 *	187.71	188.79	188.22	8.35
2.12	278.22	12.038	0.012293 *	616.11	584.3	600.71	22.41
16.34	24.81	4.725	0.056318 *	18.91	21.44	19.95	3.86
2.18	357.92	11.533	0.038405 *	159.9	138.2	149.99	13.14
2.09	1274.44	5.541	0.048709 *	1581.06	1646.39	1611.9	55.12
-11.07	-28.65	-4.009	0.057068 *	21.76	29.8	25.51	5.07

-3.71	-1507.5	-9.769	0.010317 *	31.23	36.62	33.93	11.33
-2.97	-1411.02	-20.417	0.013137 *	17.6	26.56	21.83	8.02
-2.27	-708.59	-5.266	0.040647 *	1961.77	1729.67	1843.03	122.96
-1.99	-1654.16	-7.932	0.022469 *	6721.7	6733.48	6724.93	96.14
-2.23	-131.1	-5.123	0.046831 *	186.15	175.01	181.37	10.5
2.46	362.03	11.008	0.017899 *	420	385.09	403	20.27
1.87	288.83	10.621	0.008916 *	443.38	481.72	462.04	26.45
3.49	511.6	3.67	0.098678 *	1269.21	1343.75	1300.75	45.15
2.37	778.74	6.204	0.082264 *	1919.09	1934.05	1924.43	18.81
-3.04	-183.75	-4.316	0.049893 *	129.55	156.93	143.22	16.27
2.25	934.14	7.9	0.017286 *	614.77	540.76	578.33	57.01
-3.98	-174.73	-5.893	0.044967 *	829.1	1142.06	984.69	157.13
-1.81	-267.27	-16.588	0.007132 *	297.81	362.36	329.55	32.79
-1.96	-265.05	-7.689	0.018032 *	332.15	357.6	345.51	16.09
1.96	180.75	6.934	0.037468 *	593.68	705.65	648.36	58.02
-2.03	-342.29	-13.079	0.007572 *	42.34	42.41	42.37	7.27
1.76	291.17	13.473	0.005572 *	223.38	226.41	224.77	8.69
-3.03	-233.05	-4.58	0.054273 *	16.88	25.73	20.2	7.97
-9.89	-99.28	-7.292	0.0196 *	3.47	4.79	4.01	2.76
-10.33	-446.76	-9.354	0.022186 *	1	1	1	1.16
-2.31	-147.29	-5.907	0.032838 *	223.25	232.56	229.02	11.41
-14.58	-211.11	-9.241	0.052109 *	23.14	35.61	28.98	8.53
-1.95	-105.84	-6.671	0.037372 *	68.11	77.84	73.68	10.13
2.42	36.47	5.499	0.057958 *	109.09	107.92	108.43	4.24
-2.71	-34.75	-7.375	0.017904 *	32.6	24.8	28.23	6.11
-100000000	-21.63	-4.579	0.045386 *	11.62	27	19.4	7.96
-2.82	-41.72	-4.144	0.064989 *	161.22	169.05	165.09	9.84
2.81	189.35	5.911	0.056858 *	375.06	401.38	386.25	17
-5.72	-349.62	-4.229	0.054537 *	2417.09	2673.46	2540.02	134.81
10.03	36.49	3.601	0.090555 *	2.22	4.89	3.45	2.57
4.53	411.37	6.973	0.041226 *	1054.03	998.61	1027.16	32.69
-15.5	-22.07	-4.455	0.048866 *	16.71	12.53	14.98	4.5
2.32	46.33	5.477	0.041032 *	52.75	63.98	58.87	8.62
2.71	25.75	4.036	0.063912 *	37.29	50.11	44.47	7.78
10.16	21.27	3.2	0.098655 *	21.45	17.54	19.49	3.74
2.05	957.98	10.103	0.010042 *	1144.65	1056.77	1099.22	52.52

-5.5	-29.9	-6.362	0.055563 *	6.79	41.05	24.32	17.44
-2.11	-304.43	-6.327	0.040154 *	627.74	534.11	579.47	52.02
3.25	66.17	7.219	0.036838 *	39.58	18.47	28.54	11.79
-2.63	-61.27	-4.922	0.043673 *	23.31	36.05	29.46	7.16
-2.45	-124.54	-8.533	0.013938 *	155.5	168.78	162.11	7.79
4.67	20.24	3.727	0.065107 *	27.86	39.23	33.48	6.42
-1.91	-377.76	-11.396	0.009335 *	474.81	505.49	487.81	18.05
-2.1	-1679.9	-7.059	0.069967 *	4653.05	4597.43	4632.81	95.49
-2.56	-68.12	-4.559	0.053216 *	48.57	41.25	45.29	7.22
-3.29	-131.45	-4.85	0.064487 *	55.38	129.27	93.18	38.21
-2.15	-265.51	-7.253	0.021898 *	1378.88	1522.22	1446.02	80.96
-2.22	-239.65	-9.408	0.012849 *	372.53	442.91	406.68	37.43
3.64	75.45	5.944	0.027332 *	43.1	46.83	44.81	7.84
-2.88	-43.69	-3.882	0.068436 *	196.07	232.59	213.65	19.99
1.76	393.17	15.813	0.003987 *	650.58	517.07	583.31	68.26
-4.37	-263.21	-6.621	0.027332 *	32.18	62.59	47.35	16.56
-1.98	-295.07	-6.504	0.067151 *	559.76	537.71	549.36	16.89
-2.49	-176.18	-6.23	0.081537 *	2.77	1	1.88	1.95
-4.08	-68.83	-4.504	0.062805 *	117.16	116.52	116.94	10.21
-11.64	-55.54	-4.477	0.046456 *	3.11	20.12	11.45	8.7
-5.97	-194.81	-3.299	0.081999 *	71.84	68.34	70.3	10.01
-3.52	-45.89	-4.552	0.045088 *	162.05	168.22	164.82	7.19
1.84	988.6	12.681	0.009484 *	1082.62	1145.34	1113.65	41.65
-1.98	-270.77	-11.183	0.010378 *	967.36	1122.94	1043.79	79.71
-2.45	-121.3	-6.411	0.044394 *	59.5	39.43	48.92	12.38
-2.46	-654.89	-5.507	0.050628 *	532.29	663.81	597.43	67.36
-2.6	-263.9	-9.754	0.010511 *	185.81	204.86	194.74	13.64
-2.02	-262.67	-8.702	0.023273 *	73.7	53.47	63.4	13.88
5.87	122.74	5.757	0.031246 *	629.76	565.89	597.65	35.55
-2.14	-125.57	-11.042	0.02176 *	190.69	223.34	207.45	16.95
-36.06	-26.72	-3.34	0.09379 *	15.47	8.65	12.59	4.3
2.11	146.91	10.285	0.010266 *	3.29	3.65	3.45	2.47
-2.64	-148.8	-6.605	0.024293 *	69.46	83.81	77.33	8.76
-3.52	-98.96	-4.839	0.071731 *	15.41	10.05	12.09	5.63
-3.26	-261.47	-11.96	0.006924 *	851.1	862.31	855.56	14.43
1.97	127.37	9.325	0.012105 *	90.24	71.75	80.58	12.65

-4.26	-114.78	-6.693	0.059388	*	6.13	1	3	3.55
-4.08	-58.07	-5.288	0.044728	*	20.22	8.45	14.23	7.3
-4.12	-83.35	-3.777	0.086526	*	512.86	697.22	603.58	93.53
-8.42	-94.7	-3.28	0.086587	*	25.8	23.47	24.5	5.7
-4.51	-41.5	-3.5	0.093164	*	91.71	112.16	101.77	12.28
3.02	38.26	5.199	0.051093	*	59.47	58.84	59.15	4.96
-3.65	-225.37	-5.355	0.034244	*	261.56	281.74	272.14	12.76
-6.59	-190.96	-5.125	0.073974	*	9.21	7.57	8.35	1.82
2.88	201.13	6.617	0.068009	*	3003.23	2867.65	2937.57	81.03
2.69	67.65	6.473	0.036553	*	74.25	54.51	64.28	12.21
3.06	102.97	9	0.024202	*	91.12	62.6	76.82	15.18
-4.88	-150.07	-3.626	0.075816	*	197.29	211.62	205.37	9.69
2.07	300.64	6.701	0.034607	*	85.74	77.84	81.94	11.68
-2.42	-79.6	-6.519	0.038379	*	35.64	42.66	39.08	6.07
-3.38	-57.17	-7.429	0.019813	*	30.79	39.86	35.63	6.51
-4.53	-76.04	-5.433	0.042751	*	200.08	254.76	227.01	28.05
-2.71	-85.06	-4.558	0.045038	*	96.42	115.98	105.78	12.32
-2.26	-72.49	-6.514	0.029778	*	327.32	353.17	341.18	14.32
-3.33	-361.06	-4.625	0.091327	*	839.18	968.61	904.98	68.48
-3.87	-55.61	-5.875	0.036261	*	86.07	79.47	83.54	6.39
-2.75	-116.26	-5.19	0.085284	*	440.29	470.4	455.14	16.11
-5.39	-43.78	-5.653	0.031003	*	21.71	34.85	28	8.22
-2.35	-66.01	-6.102	0.026896	*	255.39	259.87	257.1	8.13
-2.14	-110.61	-6.242	0.025564	*	23.4	39.27	30.19	9.71
-6.78	-4.65	-0.266	0.82923		99.88	79.55	89.26	11.57
-2.05	-88.52	-0.412	0.746053		939.79	1059.51	998.24	63.05
-3.44	-31.85	-2.348	0.205509		407.11	408.78	407.74	7.26
-5.73	-10.28	-1.055	0.444766		24.74	24.67	24.7	3.83
-1.39	-65.24	-1.401	0.30655		274.81	305.59	290.97	17.21
-3.58	-113.73	-2.112	0.250953		387.28	376.42	380.71	14.45
-5.16	-153.33	-2.137	0.175344		601.16	612.26	606.68	18.58
-2.34	-192.66	-2.151	0.253318		2453.13	2466.65	2461.35	50.57
-2.66	-12.83	-0.781	0.517886		199.23	219.81	209.26	13.16
1.26	251.69	2.584	0.185492		17.4	19.3	18.36	6.59
-1.55	-117.15	-1.539	0.35306		500.37	477.36	490.61	18.42
3.44	5.55	1.015	0.446704		130.41	141.7	135.97	6.31

-1.19	-24.37	-0.884	0.482203	504.53	683.44	593.44	90.18
-2.62	-13.59	-1.018	0.445612	8.72	15.11	11.13	5.63
-2.2	-8.92	-1.965	0.190184	19.36	14.84	16.49	4.4
-100000000	-7.84	-0.79	0.545537	419.05	478.33	447.41	33.05
8.91	1.91	0.296	0.795026	36.39	36.5	36.43	1.6
-100000000	-0.37	-0.027	0.981148	945.09	947.07	945.78	27.51
1.48	402.84	4.906	0.049633	692.29	835.57	764.01	74.13
-1.26	-266.58	-2.107	0.171168	823.33	1034.34	928.43	108.46
1.73	430.58	2.256	0.152843	583.75	608.72	600.16	24.22
-8.18	-10.99	-0.985	0.429468	8.73	13.29	10.67	3.29
-15.92	-8.07	-0.559	0.639312	87.05	102.28	94.27	11.26
1.87	11.61	1.255	0.336789	189.43	190.41	189.79	8.01
-1.48	-78.95	-3.293	0.121141	112.87	97.7	107.08	10.99
-4.52	-1.37	-0.144	0.89971	29.58	28.22	28.77	3.19
3.32	6.33	0.61	0.609154	16.55	22.23	19.34	4.12
-1.07	-275.72	-0.753	0.54296	8543.35	8251.6	8404.87	243.7
-1.63	-225.24	-3.603	0.071414	1031.71	1125.5	1076.71	52.3
2.13	8.01	1.142	0.375157	36.65	45.03	40.43	6.21
-4.56	-107.64	-1.696	0.242757	769.6	869.48	816.97	54.26
100000000	9.5	1.193	0.408951	28.95	38.46	33.82	5.09
3.17	4.16	0.533	0.649412	72.57	67.34	70.27	4.26
1.67	11.85	1.268	0.332556	80.51	83.04	82.17	6.63
2.83	494.09	2.822	0.211961	826.32	999.45	909.94	89.76
100000000	21.39	1.041	0.437361	1	3.77	1.78	2.96
-1.28	-93.77	-3.12	0.118054	1401.18	1403.43	1402.1	21.75
-1.29	-484.42	-1.277	0.332484	498.7	536.94	518.35	37.42
-1.3	-518.79	-1.065	0.437684	581.31	621.71	598.08	44.93
-1.42	-55.8	-3.039	0.093589	127.45	140.42	133.96	13.23
-4.32	-99.74	-1.874	0.210069	389.11	355.82	372.98	19.89
-7.64	-57.52	-1.895	0.198804	389.89	419.21	403.12	17.65
1.81	105.11	1.271	0.347598	788.32	796.92	793.22	22.52
100000000	3.39	0.357	0.770878	254.86	204.44	229.32	26.73
-1.27	-0.37	-0.044	0.968998	48.15	41.61	45.74	6.42
-2	-87.86	-2.924	0.110493	70.42	66.99	68.46	5.98
-1.8	-29.69	-1.86	0.250735	108.47	106.38	107.34	5.23
2.22	28.92	2.199	0.159172	33	37.66	35.71	5.03

-3.66	-25.58	-3.029	0.103669	51.03	52.66	51.76	4.93
2.33	380.24	5.337	0.084828	512.74	434.83	475.15	43.53
10.7	4.34	0.902	0.517348	36.44	38.5	37.33	4.15
-1.77	-2652.34	-7.554	0.057766	44.16	52.13	48.18	6.91
100000000	18.99	1.627	0.333632	74.97	62.32	68.27	7.4
-1.59	-2116.93	-7.574	0.030052	46.47	44.79	45.78	6.45
-2.22	-4.21	-0.705	0.554832	21.5	23.23	22.41	4.06
-1.85	-29.39	-1.929	0.19998	368.64	412.33	389.09	24
-4.72	-10.05	-2.094	0.178504	9.03	5.93	7.72	3.48
-2.35	-42.94	-3.827	0.062303	59.15	46.59	52.47	8.82
-3.38	-13.65	-1.171	0.395229	41.27	42.47	41.85	4.59
100000000	6.3	0.491	0.672988	141.72	135.09	138.56	8.58
-100000000	-6.66	-1.748	0.23053	51.71	40.55	46.07	6.16
-15.45	-1409.5	-4.892	0.127639	1918.59	1948.5	1929.42	37.58
100000000	2.15	0.193	0.865324	95.98	89.12	92.78	8.92
3.88	399.23	3.449	0.144281	168.3	164.08	166.06	13.67
-1.9	-244.64	-0.595	0.651128	2106.13	2228.24	2160.51	78.73
-2.03	-14.46	-1.165	0.374242	32.89	21.06	26.81	7.41
2.84	97.44	2.43	0.23786	55.94	37.49	46.47	11.33
-4.27	-98.05	-3.355	0.110451	143.32	136.29	139.41	8.67
4.31	474.07	3.182	0.159111	2491.47	2078.79	2286.54	222.5
-1.41	-85.82	-1.137	0.450933	48.49	47.99	48.17	4.33
-1.47	-4.29	-0.68	0.572086	9.6	32.33	21.44	11.98
-1.62	-6.71	-0.888	0.475428	36.68	41.24	38.81	5.22
-100000000	-293.66	-3.835	0.111571	829.69	1572.54	1200.58	371.46
1.9	195.13	2.087	0.278813	444.19	417.59	433.06	21.86
-1.84	-54.42	-4.125	0.082973	153.88	169.3	161.18	8.82
-2.32	-19.61	-2.374	0.17194	41.64	46.78	43.92	3.65
-2.58	-50.12	-3.606	0.113403	18.96	15.44	17.21	5.4
4.61	15.61	3.584	0.099864	12.25	22.75	17.31	5.52
-1.52	-1.27	-0.14	0.901392	14.73	13.22	14.13	3.92
-6.84	-11.85	-0.507	0.663437	198.36	217.79	208.94	12.27
-6.27	-6.14	-0.89	0.500271	32.57	33.68	33.19	3.02
-3.85	-279.04	-4.321	0.112024	171.96	180.4	175.41	14.7
-7.68	-45.63	-2.861	0.114838	161.97	253.4	207.02	46.52
3.34	10.4	0.788	0.521346	238.79	207.98	224.17	18.01

-11.84	-18.92	-1.959	0.204347	21.42	23.18	22.41	2.12
-5.17	-144.08	-3.723	0.103351	1597.11	1351.8	1474.83	126.61
-100000000	-26.13	-2.182	0.241486	32.51	20.09	26.19	6.62
-5.11	-39.61	-2.796	0.148441	167.91	147.26	158.22	12.97
-4.28	-13.74	-1.284	0.32792	461.67	448.24	455.88	13.48
-3.88	-24.9	-3.107	0.093625	13.28	8.56	10.75	3.08
2.05	8.32	1.293	0.374707	33.68	29.79	31.32	3.86
-100000000	-14.1	-1.063	0.432931	34.43	32.64	33.5	3.58
-4.52	-12.47	-1.528	0.284056	18.63	14.1	16.12	3.59
-3.12	-53.59	-3.637	0.107301	17.41	5.41	11.64	7.77
-3.37	-137.48	-3.119	0.090509	63.62	68.48	65.68	7.89
-4.37	-56.2	-4.279	0.109887	32.9	35.06	33.88	5.55
-1.35	-8.78	-0.471	0.709299	93.96	118.54	106.42	12.42
100000000	0.42	0.05	0.964861	59.14	60.24	59.69	5.18
-1.81	-1.82	-0.15	0.902965	44.14	40.33	42.74	3.86
-4.86	-118.84	-2.745	0.11117	80.78	62.42	71.32	9.94
-2.32	-30.3	-2.957	0.11209	15.61	11.11	13.55	5.3
7.7	22.26	2.433	0.211509	23.75	15.45	19.55	5.35
8.01	104.87	2.219	0.26268	308.11	370.99	339.49	31.99
6.31	13.9	2.677	0.120588	14.59	19.81	17.3	2.95
-3.17	-126.67	-2.398	0.165583	110.46	113.72	112.08	7.34
-2.47	-27.63	-3.037	0.09938	75.12	77.08	75.91	3.44
-6.02	-27.06	-3.17	0.10438	25.02	21.82	23.12	3.55
2.28	0.36	0.057	0.95999	6.47	12.68	9.96	3.83
-2.26	-15.12	-1.564	0.295269	12.97	16.09	14.72	2.48
-2.47	-12.73	-1.547	0.328711	27.98	29.27	28.88	3.04
100000000	16.19	2.479	0.163894	29.65	6.47	18.15	11.88
2.61	2.5	0.324	0.777742	46.33	48.26	47.38	6.18
100000000	14.38	1.496	0.329664	10.17	14.19	12.03	3.63
-100000000	-1.58	-0.261	0.820532	12.06	12.91	12.56	3.97
-6.64	-0.94	-0.373	0.771013	11.96	5.42	8.42	4.49
100000000	19.43	2.199	0.222195	13.09	16.97	14.67	3.31
5.76	50.07	1.197	0.436503	151.05	203.18	176.82	26.89
-2.41	-207.33	-4.616	0.046557	76.26	84.09	80.6	8.46
-100000000	-0.33	-0.053	0.96249	28.93	37.73	32.87	6.07
-5.62	-23.17	-1.933	0.209106	33.66	28.87	31.41	5.32

1.57	1305.02	8.702	0.040613	1045.76	817.2	928.46	137.29
-1.45	-1.85	-0.202	0.861623	24.25	20.64	22.66	3.2
-13.04	-50.92	-2.408	0.204462	140.89	131.61	136.61	8.72
7.61	5.46	0.77	0.545312	9.45	3.49	6.18	4.73
-3	-39.59	-2.225	0.184018	143.88	161.61	153.84	11.07
-2.81	-24.46	-2.254	0.157199	71.68	66.18	68.12	6.46
2.84	98.62	4.244	0.09782	89.82	70.71	80.45	12.04
1.67	2.34	0.19	0.874242	18.17	12.41	15.57	4.61
9	16.14	1.405	0.384968	1.21	14.28	7.62	6.68
-2.35	-19.3	-1.046	0.451279	51.41	52.11	51.8	3.67
3.77	14.43	2.2	0.164285	8.01	22.97	14.82	8.69
6.3	9.11	0.991	0.473247	20.05	16.24	18.07	2.57
-393.8	-1.41	-0.391	0.738957	41.55	35.66	39.46	4.3
-1.91	-13.02	-1.836	0.20801	50.99	60.72	56.02	6.32
8.57	22.83	3.735	0.103494	40.12	30.02	34.92	6.11
100000000	17.74	0.865	0.528896	10.01	5.36	7.56	5.53
-2.96	-11.95	-0.761	0.544741	35.27	34.72	35.03	2.65
3.62	85.7	3.029	0.163087	164.35	187.81	174.31	14.56
-4.47	-94.76	-4.473	0.125316	137.04	214.02	175.18	38.99
10.72	17.47	4.74	0.05606	18.28	21.81	19.75	3.59
-5.24	-100.89	-2.866	0.107134	199.19	227.03	212.55	18.9
6.13	20.09	1.742	0.286315	39.17	33.22	35.9	4
-2.38	-11	-1.163	0.388709	47.27	42.18	44.69	4.19
4.3	6.88	0.562	0.631806	10.06	4.25	6.64	6.21
-2.14	-11.14	-1.758	0.244266	26.25	18.04	22.48	4.97
-3.99	-19.77	-2.061	0.211799	12.8	10.82	12.02	3.06
-11.16	-176.26	-5.729	0.101499	9.5	14.29	11.35	3.66
-130.07	-20.4	-1.395	0.386131	6.59	52.23	29.44	22.78
2.24	8.78	0.783	0.542862	43.43	43.46	43.44	4.88
-2.65	-15.03	-1.962	0.18886	35.19	35.97	35.69	2.77
-3.32	-13.13	-1.166	0.407839	50.89	52.97	51.85	4.6
-7.53	-16.59	-3.128	0.088797	11.09	4.51	7.88	4.99
-3.94	-16.81	-2.038	0.178623	35.62	19.03	27.33	9.24
1.68	7.77	1.579	0.261414	23.92	17.66	21.36	4.19
-9.19	-13.7	-0.455	0.718181	4.61	4.04	4.33	3.74
-2.2	-2.23	-0.171	0.891378	64.13	62.79	63.58	2.3

2.71	2.45	0.523	0.657361	11.36	17.73	14.38	3.59
4.74	21.8	2.17	0.202058	41.65	42.32	42	3.1
-1.4	-5.83	-0.996	0.436897	55.14	61.63	58.73	5.38
-7.16	-114.8	-3.14	0.164004	579.58	782.99	680.86	102.17
-100000000	-2.96	-0.768	0.533026	19.15	1.53	10.05	9.47
-3.24	-101.24	-3.564	0.131122	14.16	20.43	16.82	5.84
-9.17	-107.14	-2.715	0.168372	23.38	36.91	30.24	6.87
27.21	6.34	1.549	0.262044	7.73	13.14	10.74	3.14
-5.3	-22.96	-2.241	0.203544	27.02	17.14	21.65	6.73
3.57	44.86	4.555	0.102967	5.01	6.85	5.55	2.76
-4.44	-2.55	-0.286	0.806286	499.7	590.21	544.85	46.52
100000000	7.78	1.49	0.295317	24.88	29.53	27.3	3.06
2.83	30.02	3.94	0.119304	30.39	25.21	28.51	4.4
-2.39	-14.8	-1.561	0.261569	36.46	27.66	32.53	5.76
1.58	0.73	0.089	0.937924	57.09	53.65	55.69	3.52
1268.37	21.96	1.371	0.373978	7.85	8.09	7.94	3.23
100000000	48.99	3.302	0.136589	4.23	3.71	3.98	3.68
-100000000	-1.04	-0.112	0.924602	7.72	14.39	11.38	4.44
2.52	5.17	0.39	0.73485	21.99	21.74	21.87	3.04
-1.93	-1.79	-0.159	0.888515	35.09	35.05	35.08	3.1
14.4	16.56	1.23	0.392749	22.59	14.65	18.6	4.71
-3.18	-2.53	-0.407	0.727901	19.18	11.77	15.41	4.99
-11.48	-89.34	-3.482	0.115798	58.38	61.65	59.87	4.41
1.68	11.23	1.851	0.205362	49.25	45.72	47.49	2.83
3.45	32.66	2.505	0.212411	28.51	33.58	30.17	4.6
100000000	3.06	0.573	0.626605	1.67	1.93	1.79	1.46
-20.49	-82.32	-2.683	0.166003	156.6	133.73	144.89	13.4
-1.88	-51.26	-1.752	0.230559	251.15	329.73	291.81	41.12

LDE225 A112	LDE225 B112	experiment m	experiment m	fold change	lower bound (	upper bound	difference of	t statistic
131.1	121.95	127.52	13.04	-1.18	-0.97	-1.46	-23.34	-1.388
403.79	390.82	398.33	15.28	-1.09	-0.97	-1.21	-34.23	-1.244
386.63	406.32	396.49	17.96	1.14	0.84	1.71	47.92	0.659
159.54	179.78	169.01	13.87	-1.19	-1.01	-1.41	-31.89	-1.757
1537.31	1560.38	1551.31	39.16	-1.08	-0.82	-1.36	-129.24	-0.509
346.55	332.31	338.18	13.94	-1.19	-1.06	-1.32	-63.84	-2.56
1213.36	1219.42	1215.84	32.28	1.09	0.95	1.27	99.9	1.021
1014.54	893.95	951.76	71.47	-1.46	-1.08	-1.87	-433.08	-2.021
696.78	644.01	669.87	32.29	-1.43	-1.16	-1.71	-288.22	-2.704
1821.41	1618.98	1713.81	116.26	-1.39	-1.06	-1.75	-661.82	-1.955
1690.82	1882.72	1784.88	130.42	1.05	0.91	1.21	92.06	0.615
256.19	230.97	242.42	21.71	-1.04	-0.85	-1.28	-9.73	-0.321
26.56	30.72	28.7	9.37	1.39	0.56	3.95	8	0.656
681.36	719.49	700.74	22.93	-1.02	-0.93	-1.11	-11.51	-0.31
895.46	928.42	912.52	24.64	1	0.9	1.12	0.49	0.008
2520.95	2509.26	2516.67	47.19	-1.04	-0.89	-1.18	-89.76	-0.401
152.9	131.2	141.78	14.42	1.12	0.91	1.38	15.61	0.907
511.69	577.76	544.37	36.05	1.23	1.02	1.49	101.41	1.864

14.82	12.58	13.87	2.89	-1.05	-0.51	-1.86	-0.64	-0.125
390.79	365.97	378.43	15.35	-1.01	-0.91	-1.11	-3.64	-0.158
26.18	22.8	24.8	2.86	1.33	0.9	2.26	6.22	1.177
21.26	27.15	24.05	16.58	-1.43	0	-100000000	-10.3	-0.365
220.58	204.27	213.03	18.78	1.21	0.95	1.56	36.37	1.294
62.4	77.62	71.07	9.74	-1.16	-0.88	-1.57	-11.29	-0.864
1247.28	1239.65	1243.19	23.63	1	0.92	1.1	6.02	0.091
96.6	110.72	102.94	15.71	-1.18	-0.85	-1.67	-18.99	-0.854
843.81	738.8	792	59.7	1.15	0.93	1.45	103.34	1.059
565.74	466.73	516.16	50.47	-1.04	-0.83	-1.3	-18.19	-0.258
373.04	402.39	387.46	19.59	-1.05	-0.95	-1.17	-21.21	-0.834
904.98	845.25	874.44	36.52	1.01	0.89	1.15	8.63	0.132
396.07	362.22	379.73	20.68	1.07	0.94	1.22	25.27	0.87
2115.77	1813.28	1968.23	157.7	1.1	0.95	1.26	178.37	1.072
114.82	113.42	114.2	9.7	-1.01	-0.84	-1.22	-1.54	-0.119
623.45	527.26	574.47	53.27	-1.01	-0.86	-1.22	-8.35	-0.14
12.75	4.58	8.33	8.8	1.3	0	100000000	1.92	0.181
111.97	105.71	108.65	13.56	1.02	0.72	1.52	2.3	0.098
124.58	96.88	110.04	20.67	-1.19	-0.72	-1.91	-21.18	-0.613
77.51	70.76	74.21	12.7	1.12	0.73	1.74	8.01	0.452
377.28	332.58	354.69	29.04	1.13	0.94	1.35	39.91	1.087
43.46	35.1	38.4	12.27	1.13	0.51	2	4.31	0.309
2.24	17.19	9.72	7.55	-2	-0.04	-100000000	-9.76	-0.704
60.21	56.9	58.21	6.39	-1.06	-0.7	-1.5	-3.78	-0.278
794.46	741.37	767.57	41.71	1	0.9	1.11	2.94	0.062
863.97	870.15	866.82	16.71	-1	-0.95	-1.06	-3.49	-0.13
11.66	18	14.74	6.53	-1.16	-0.32	-4.63	-2.4	-0.246
39.52	32.43	35.87	5.31	-1.1	-0.54	-1.79	-3.49	-0.27
879.55	876.68	877.78	16.75	-1.16	-0.95	-1.38	-142.42	-1.228
39.22	56.36	48.2	9.12	-1.46	-1.07	-2.16	-22.07	-2.054
1968.16	2096.29	2032.77	69.77	1.06	0.9	1.29	120.08	0.58
45.71	32.55	38.82	9.49	-1.07	-0.58	-1.97	-2.65	-0.192
157.59	166.57	162.38	6.63	1.11	0.84	1.63	16.35	0.573
330.8	270.45	299.22	34.8	-1.06	-0.86	-1.35	-19.24	-0.47
361.86	281.01	320.86	44.04	1.08	0.83	1.33	22.63	0.501
391.65	354.23	371.14	24.28	1.12	0.98	1.26	38.61	1.4

136.73	154.69	145.53	12.22	1.06	0.87	1.29	7.8	0.46
6664.23	6373.1	6520.5	169.27	1.1	1.03	1.18	613.89	2.35
154.42	145.14	150.21	12.54	-1.07	-0.9	-1.28	-10.9	-0.666
194.86	156.89	176.08	22.4	-1.21	-0.89	-1.63	-36.11	-1.028
141.54	95.68	118.3	25.75	1.07	0.68	1.5	8.17	0.303
431.53	367.01	396.83	46.16	1.11	0.86	1.42	38.33	0.663
386.75	383.84	385.34	44.3	1.01	0.78	1.29	3.5	0.061
103.08	100.11	101.46	4.31	-1.03	-0.86	-1.21	-2.9	-0.266
5.28	3.58	4.26	4.06	-1.05	-0.04	-100000000	-0.2	-0.041
822.32	685.39	753.01	71.7	1	0.83	1.19	1.04	0.012
28.23	21.92	24.5	7.91	-1.2	-0.45	-2.89	-4.83	-0.366
2795.25	3026.08	2910.07	121.42	-1.05	-0.81	-1.31	-147.36	-0.335
671.61	601.84	635.85	38.7	1.01	0.85	1.21	7.99	0.12
29.81	21.62	25.25	12.11	1.35	0.27	6.35	6.53	0.437
99.96	85.28	92.52	13.98	-1.04	-0.73	-1.48	-3.37	-0.17
37.09	39.49	38.41	5.31	1.03	0.68	1.78	1.22	0.117
257.39	257.67	257.53	12.82	-1.11	-0.91	-1.32	-28.21	-0.904
6.31	4.38	5.21	6.88	1.12	0	100000000	0.57	0.064
2153.14	2202.43	2185.91	46.7	1.01	0.92	1.1	13.31	0.115
9.4	17.25	12.8	5	-1.48	-0.77	-4.27	-6.16	-0.972
14.9	5.2	9.85	6	-1.07	-0.26	-100000000	-0.73	-0.096
27.5	32.76	29.75	4.64	1.06	0.68	1.82	1.64	0.201
298.19	293.98	296.03	10.04	-1.11	-1.03	-1.2	-33.13	-2.283
30.17	25.08	26.99	6.03	1.13	0.65	1.94	3.03	0.377
98.95	125.51	112.61	15.41	1.09	0.82	1.4	9.3	0.53
362.62	332.77	346.89	18.57	-1.04	-0.86	-1.23	-13.07	-0.336
42.71	47.91	45.14	4.22	1.4	0.78	5.43	12.8	0.843
94.75	125.17	110.03	16.62	-1.48	-1.15	-1.99	-52.3	-2.725
24.71	20.67	22.56	3.86	-1.26	-0.58	-2.15	-5.8	-0.594
269.94	238.04	252.57	29.69	-1.21	-0.98	-1.54	-54.1	-1.476
12.5	29.69	21.09	8.68	1.18	0.37	2.14	3.16	0.346
83.6	83.26	83.43	3.86	1.21	0.99	1.54	14.72	1.598
19.75	12.21	15.83	6.91	1.79	0.47	6.56	6.99	0.889
42.73	34.73	39.15	6.14	-1.22	-0.85	-1.76	-8.68	-0.929
10.29	4.19	7.81	4.76	-1.41	0	-100000000	-3.18	-0.354
18.03	21.39	19.85	12.2	1.18	0	4.36	3.03	0.216

679.98	730.69	705.47	29.76	1.15	1.05	1.25	91.14	2.602
129.73	94.36	109.8	26.81	-1.08	-0.67	-1.91	-8.67	-0.255
1411.82	1477.9	1448.17	43.19	-1.1	-0.82	-1.38	-137.68	-0.558
937.79	897.95	917.28	51.85	-1	-0.89	-1.13	-1.79	-0.027
697.02	749.57	722.73	50.5	-1.1	-0.79	-1.44	-73.93	-0.527
598.92	624.34	610.61	18.69	-1.08	-1.01	-1.15	-47.35	-1.815
471	446.9	460.26	21.14	-1.04	-0.85	-1.23	-17	-0.321
842.6	999.38	918.36	83.29	-1.04	-0.86	-1.27	-40.06	-0.367
132.55	131.16	131.72	6.21	-1.17	-1.04	-1.32	-22.66	-2.136
781.59	1105.16	944.19	161.97	-1.05	-0.47	-1.81	-46.86	-0.13
705.21	664.89	682.47	31.66	-1.15	-1.04	-1.26	-99.42	-2.384
251.33	242.14	246.21	11.23	-1.38	-1.09	-1.69	-94.33	-2.153
999.92	1076.01	1038.61	43.66	1.07	0.96	1.19	68.35	1.042
1890.69	1669.84	1780.68	117.86	-1.01	-0.87	-1.18	-23.02	-0.136
28.03	19.91	24.02	8.4	1.27	0.47	4.12	5.1	0.448
28.15	17.75	21.64	11.76	1.05	0.11	2.69	1.11	0.084
18.37	22.8	20.38	11.29	1.23	0.11	4.96	3.76	0.28
16.24	26.08	20.83	15.94	1.07	0	100000000	1.43	0.07
259.33	224.24	241.43	22.95	-1.21	-1	-1.48	-51.57	-1.677
978.33	989.08	984.73	14.58	1.13	1.07	1.19	112.35	3.866
7.08	17.51	12.05	6.76	1.33	0.1	100000000	2.98	0.322
12286.03	12601.65	12468.2	214.94	-1.05	-1.01	-1.09	-620.43	-2.195
5.42	1.93	3.32	3	-3.71	-0.98	-100000000	-9	-1.625
25.22	25.82	25.56	2.2	1.19	0.86	1.81	4.03	0.828
37.38	43.39	40.47	6.84	-1.03	-0.66	-1.57	-1.21	-0.116
94.84	73.28	83.1	13.26	1.39	1	1.84	23.42	1.648
9.29	4.23	6.85	3.86	-1.49	-0.24	-20.89	-3.39	-0.528
61.68	48.57	55.18	7.19	-1.08	-0.6	-1.67	-4.66	-0.27
36.37	63.21	49.6	14.62	-1.21	-0.79	-2.36	-10.25	-0.664
30.07	30.01	30.05	2.4	-1.01	0	-2.05	-0.24	-0.013
167.21	172.48	170.45	7.37	-1.1	-1	-1.22	-17.77	-1.595
673.62	664.92	667.78	21.69	1.11	1.03	1.21	67.07	2.15
25.23	21.7	22.92	4.72	1.15	0.7	1.86	2.97	0.487
165.32	132.41	149.19	18.38	-1.01	-0.79	-1.31	-0.8	-0.035
2249.2	2090.88	2174.09	101.6	1.35	1.22	1.48	562.19	4.864
11.35	32.17	21.63	10.81	-1.18	-0.57	-6.71	-3.89	-0.325

29.07	32.77	30.88	12.46	-1.1	-0.43	-3.5	-3.05	-0.181
25.47	18.44	21.06	8.45	-1.04	-0.37	-3.31	-0.78	-0.067
1882.25	1701.73	1791.54	95.77	-1.03	-0.89	-1.18	-51.5	-0.33
7361.97	7171.91	7237.86	176.25	1.08	1.03	1.13	512.94	2.555
196.43	195.19	195.79	6.63	1.08	0.97	1.21	14.43	1.162
349.09	389.25	368.76	20.98	-1.09	-0.97	-1.24	-34.24	-1.174
439.67	508.41	474.15	35.7	1.03	0.87	1.2	12.11	0.273
1578.56	1522.18	1549.56	46.18	1.19	1.11	1.29	248.82	3.852
1962.94	2003.7	1985.13	42.09	1.03	0.99	1.07	60.7	1.316
183.18	212.77	197.4	18.65	1.38	1.08	1.77	54.18	2.189
572.45	595.1	585.72	41.55	1.01	0.83	1.25	7.39	0.105
763.16	831.24	798.93	36.8	-1.23	-0.9	-1.58	-185.76	-1.151
340.63	309.11	324.35	17.08	-1.02	-0.83	-1.21	-5.2	-0.141
375.57	375.19	375.37	13.81	1.09	0.99	1.2	29.86	1.408
694.13	694.51	694.32	11.85	1.07	0.93	1.26	45.96	0.776
41.6	32.99	37.28	5.79	-1.14	-0.76	-1.67	-5.09	-0.548
233.21	221.22	228.18	9.28	1.02	0.93	1.11	3.41	0.268
29.16	23.94	25.89	9.83	1.28	0.43	4	5.7	0.45
5.04	4.69	4.81	1.99	1.2	0.31	100000000	0.81	0.238
1	1	1	0.57	1	0.06	100000000	0	0
214.2	212.28	213.23	9.48	-1.07	-0.96	-1.2	-15.79	-1.064
34.46	19.62	26.96	7.99	-1.07	-0.5	-2.32	-2.02	-0.173
72.47	77.99	75.73	6.64	1.03	0.79	1.37	2.05	0.169
72.77	86.83	80.11	8.53	-1.35	-1.14	-1.66	-28.32	-2.974
33.25	42.93	38.26	5.8	1.36	0.89	2.21	10.04	1.191
3.52	22.57	13.44	9.76	-1.44	-0.37	-100000000	-5.96	-0.474
181.54	160.15	171.25	13.58	1.04	0.88	1.22	6.16	0.367
452.42	530.94	491.75	39.43	1.27	1.09	1.47	105.5	2.457
2305.47	2402.55	2368.9	77.24	-1.07	-0.97	-1.19	-171.11	-1.101
2.54	10.63	6.24	4.8	1.81	0	100000000	2.79	0.512
852.95	779.39	814.99	42.81	-1.26	-1.14	-1.4	-212.17	-3.939
28.09	43.13	35.5	7.81	2.37	1.3	4.98	20.52	2.277
160.68	61.88	111.04	50.5	1.89	0.47	3.53	52.17	1.018
34.53	52.83	43.85	9.71	-1.01	-0.64	-1.7	-0.62	-0.05
28.21	28.63	28.36	3.33	1.45	1.03	2.2	8.87	1.772
1216.2	1187	1200.81	40.02	1.09	0.99	1.2	101.59	1.538

44.74	34.94	39.74	5.6	1.63	0.71	100000000	15.42	0.842
718.25	642.86	679.02	43.06	1.17	0.98	1.41	99.55	1.474
39.7	31.96	35.76	7.25	1.25	0.65	4	7.21	0.521
33.92	28.48	31.19	3.51	1.06	0.71	1.81	1.72	0.216
172.26	153.86	162.92	10.15	1	0.88	1.14	0.81	0.063
32.94	13.59	23.73	10.59	-1.41	-0.72	-5.4	-9.75	-0.787
505.72	498.66	502.43	10.31	1.03	0.96	1.11	14.62	0.703
4421.48	4256.43	4332.34	111.57	-1.07	-1.01	-1.13	-300.46	-2.046
48.92	43.67	45.25	7.59	-1	-0.68	-1.49	-0.04	-0.004
24	56.61	40.89	17.58	-2.28	-0.67	-8.45	-52.28	-1.243
1484.52	1447.24	1466.43	28.67	1.01	0.92	1.12	20.41	0.238
476.14	506.65	493.72	24.98	1.21	1.03	1.46	87.03	1.934
28.8	20.41	24.93	7.42	-1.8	-1.06	-3.67	-19.88	-1.841
201.68	179.91	189.75	14.63	-1.13	-0.92	-1.37	-23.9	-0.965
681.42	640.23	658.7	24.64	1.13	0.94	1.41	75.39	1.039
61.8	43.8	52.6	13.92	1.11	0.54	2.78	5.25	0.243
575.74	559.7	566.99	17.39	1.03	0.96	1.11	17.63	0.727
1.74	3.52	2.7	2.06	1.44	0	100000000	0.82	0.289
117.75	112.82	115.45	7.97	-1.01	-0.84	-1.21	-1.49	-0.115
5.05	8.08	6.56	2.72	-1.75	0	-6.97	-4.89	-0.537
63.14	47.63	55.46	12.64	-1.27	-0.84	-2.11	-14.85	-0.921
174.92	161.74	168.07	10.26	1.02	0.9	1.15	3.25	0.26
1162.9	1217.27	1193.22	49.03	1.07	0.98	1.17	79.58	1.237
949.49	954.63	952.71	23.19	-1.1	-0.95	-1.24	-91.07	-1.097
61.49	51.97	55.79	13.54	1.14	0.62	2.14	6.87	0.374
479.23	554.86	517.16	39.48	-1.16	-0.91	-1.44	-80.26	-1.028
172.11	171.75	171.94	9.27	-1.13	-0.98	-1.31	-22.8	-1.382
65.66	69.04	67.67	12.11	1.07	0.67	1.78	4.27	0.232
606.45	656.95	631.05	27.6	1.06	0.94	1.2	33.41	0.742
181.82	199.75	189.66	12.95	-1.09	-0.91	-1.3	-17.79	-0.834
11.8	10.62	11.03	3.49	-1.14	-0.46	-2.67	-1.56	-0.281
1.13	5.29	3.04	2.59	-1.14	0	-100000000	-0.42	-0.116
87.96	62.45	74.98	14.11	-1.03	-0.73	-1.55	-2.35	-0.142
6.37	13.99	10.09	6.38	-1.2	-0.25	-100000000	-2	-0.236
855.39	870.17	864.74	14.71	1.01	0.97	1.05	9.18	0.445
77.91	73.1	74.97	9.11	-1.07	-0.76	-1.48	-5.6	-0.36

1.65	1	1.25	1.54	-2.4	0	-100000000	-1.75	-0.453
12.53	18.63	15.82	5.14	1.11	0.42	7.29	1.59	0.178
643.52	516.81	579.5	69.1	-1.04	-0.74	-1.43	-24.08	-0.207
41.54	26.59	32.44	14.86	1.32	0.32	2.78	7.94	0.499
99.82	120.81	110.69	11.27	1.09	0.84	1.42	8.92	0.535
44.9	59.02	51.67	9.36	-1.14	-0.85	-1.67	-7.48	-0.706
303.12	275.16	288.6	17.83	1.06	0.93	1.2	16.46	0.751
18.76	7.96	12.78	6.42	1.53	0.26	3.25	4.44	0.665
3081.03	2853.43	2967.91	122.28	1.01	0.93	1.09	30.34	0.207
87.36	73.15	80.76	8.12	1.26	0.91	1.88	16.48	1.124
87.14	96.23	91.67	9.07	1.19	0.85	1.81	14.84	0.839
197.27	243.59	219.62	26.58	1.07	0.85	1.31	14.24	0.504
83.98	80.17	82.43	11.16	1.01	0.72	1.4	0.49	0.03
49.43	30.51	39.63	11.41	1.01	0.52	1.65	0.55	0.042
60.04	37.6	48.6	12.53	1.36	0.74	2.26	12.97	0.919
172.86	193.98	184.93	13.74	-1.23	-0.95	-1.54	-42.08	-1.347
121.73	67.55	92.67	30.84	-1.14	-0.7	-2.56	-13.11	-0.395
318.78	323.74	321.32	6.61	-1.06	-0.98	-1.14	-19.86	-1.259
1078.85	932.86	1001.04	83	1.11	0.92	1.33	96.06	0.893
62.46	69.16	65.67	5.28	-1.27	-1.06	-1.53	-17.87	-2.156
469.02	437.63	452.55	17.31	-1.01	-0.92	-1.1	-2.59	-0.109
36.65	18.6	27.23	10.1	-1.03	-0.46	-2.82	-0.77	-0.059
221.97	211.14	216.89	8.38	-1.19	-1.09	-1.29	-40.21	-3.446
23.82	24.08	23.95	6.22	-1.26	-0.55	-2.53	-6.24	-0.541
62.42	61.26	62.01	4.45	-1.44	-1.11	-1.81	-27.25	-2.197
1071.37	1213.46	1140.4	76.53	1.14	0.98	1.33	142.16	1.434
380.45	389.55	384.62	8.74	-1.06	-1.01	-1.11	-23.12	-2.035
15.42	11.68	13.85	3.97	-1.78	-1.1	-3.49	-10.85	-1.966
400.01	399.16	399.45	17.56	1.37	1.22	1.55	108.48	4.412
610.07	525.36	567.76	44.59	1.49	1.28	1.71	187.05	3.991
1062.29	924.03	992.96	72.23	1.64	1.43	1.85	386.28	5.179
2264.24	2011.77	2134.04	134.62	-1.15	-1.04	-1.29	-327.31	-2.276
149.57	163.51	156.84	9.9	-1.33	-1.15	-1.55	-52.42	-3.183
39.26	23.64	31.13	10.39	1.7	0.68	4.52	12.77	1.038
412.6	367.05	388.2	27.68	-1.26	-1.11	-1.45	-102.41	-3.08
130.13	128.08	129.18	5.85	-1.05	-0.95	-1.17	-6.79	-0.789

662.92	894.94	778.18	116.79	1.31	0.91	1.88	184.73	1.252
37.13	32.6	34.61	4.26	3.11	1.62	18.55	23.48	3.328
10.25	37.18	23.75	13.55	1.44	0.09	3.48	7.26	0.51
379.23	345.21	364.13	22.51	-1.23	-1.05	-1.44	-83.29	-2.083
32.56	25.65	28.77	4.75	-1.27	-0.98	-1.75	-7.66	-1.529
1404.78	1143.72	1272.89	134.62	1.35	1.11	1.59	327.11	2.381
872.21	983.72	930.54	64.41	1.22	1.01	1.49	166.53	1.696
883.97	850.95	865.31	40.15	-1.07	-0.86	-1.3	-63.12	-0.546
796.55	719.44	759.09	49.14	1.26	1.11	1.43	158.93	2.901
49.01	7.73	28.34	21.14	2.65	0	7.77	17.66	0.825
77.41	94.3	85.35	10.84	-1.1	-0.83	-1.48	-8.92	-0.571
140.65	148.39	144.8	6.98	-1.31	-1.18	-1.46	-45	-4.234
131.51	107.98	120.27	13.92	1.12	0.86	1.45	13.19	0.744
19.04	10.08	15.37	5.94	-1.87	-1.1	-5.2	-13.4	-1.987
35.88	23.53	30.16	6.97	1.56	0.89	2.67	10.82	1.337
7120.56	5884.16	6504.79	720.49	-1.29	-1.09	-1.59	-1900.08	-2.498
840.67	830.34	834.56	28.22	-1.29	-1.17	-1.42	-242.15	-4.075
22.65	46.74	35.34	12.46	-1.14	-0.66	-2.78	-5.09	-0.366
718.72	641.53	679.1	46.51	-1.2	-1.03	-1.41	-137.87	-1.929
26.15	18.05	22.08	4.81	-1.53	-1.01	-2.51	-11.74	-1.676
44.34	43.99	44.17	4.32	-1.59	-1.33	-1.94	-26.1	-4.306
112.88	91.03	101.44	13.47	1.23	0.94	1.58	19.27	1.284
1111.3	1092.34	1103.06	27.56	1.21	1.04	1.45	193.12	2.057
45.63	20.32	32.62	13.44	18.34	3.18	100000000	30.85	2.242
1343.91	1193.11	1267.78	83.39	-1.11	-0.99	-1.24	-134.32	-1.559
633.79	607.69	618.38	43.67	1.19	1.01	1.41	100.03	1.739
725.21	725.42	725.31	44.18	1.21	1.04	1.43	127.23	2.019
117.11	103.26	109.84	13.67	-1.22	-0.94	-1.6	-24.12	-1.268
708.41	627.58	668.57	42.22	1.79	1.56	2.05	295.59	6.333
372.65	322.14	348.31	28.71	-1.16	-1	-1.36	-54.81	-1.627
1123.78	1192.08	1163.04	41.25	1.47	1.36	1.58	369.82	7.869
285.57	272.36	279.8	12.11	1.22	1.01	1.53	50.48	1.72
68.24	73.81	71.18	4.85	1.56	1.22	2.06	25.44	3.164
54.53	42.46	48.98	7.49	-1.4	-1.06	-1.92	-19.48	-2.033
110.89	97.6	104.12	8.38	-1.03	-0.89	-1.21	-3.22	-0.326
42.82	74.96	59.19	16.59	1.66	0.87	2.64	23.48	1.354

39.81	46.64	43.24	6.8	-1.2	-0.9	-1.67	-8.53	-1.015
596.9	781.2	689.8	92.58	1.45	1.09	1.88	214.65	2.098
49.08	48.8	48.91	4.68	1.31	1.03	1.68	11.59	1.854
28.69	28.94	28.83	8.42	-1.67	-1.04	-3.31	-19.35	-1.777
55.95	49.64	52.6	5.19	-1.3	-1.01	-1.65	-15.68	-1.735
46.98	27.66	38.09	11.4	-1.2	-0.74	-2.43	-7.69	-0.588
39.06	37.65	38.19	4.53	1.7	1.21	2.53	15.78	2.593
440.74	441.19	441.03	14.14	1.13	1.01	1.28	51.93	1.864
11.32	4.75	8.1	4.46	1.05	0.1	4.58	0.38	0.067
106.86	79.43	92.37	17	1.76	1.14	2.67	39.9	2.083
32.65	12.37	22.68	11.08	-1.85	-0.99	-9.43	-19.17	-1.599
171.36	168.41	169.54	6.75	1.22	1.09	1.39	30.97	2.838
23.75	33.12	28.69	5.33	-1.61	-1.11	-2.43	-17.38	-2.133
2258.28	2087.88	2173.54	89.72	1.13	1.04	1.21	244.13	2.51
41.54	88.8	65.34	23.96	-1.42	-0.86	-3.61	-27.44	-1.073
178.24	165.6	171.42	13.24	1.03	0.86	1.25	5.36	0.281
2467.75	2643.27	2557.82	100.18	1.18	1.08	1.29	397.3	3.118
28.37	34.37	31.03	4.38	1.16	0.73	2.19	4.22	0.49
40.22	42.54	41.23	6.04	-1.13	-0.65	-1.74	-5.23	-0.407
107.45	108.94	108.33	7.26	-1.29	-1.11	-1.5	-31.08	-2.748
2534.23	2779.72	2659	138	1.16	0.98	1.41	372.46	1.423
68.34	78.2	72.89	8.31	1.51	1.18	1.91	24.72	2.639
23.43	8.67	15.76	10.69	-1.36	-0.1	-100000000	-5.68	-0.354
67.03	60.98	63.04	5.74	1.62	1.25	2.16	24.23	3.122
1025.83	1244.53	1137.35	111.4	-1.06	-0.51	-1.66	-63.23	-0.163
452.23	512.69	483.44	35.41	1.12	0.96	1.29	50.37	1.211
163.85	177.73	170.31	7.74	1.06	0.94	1.19	9.12	0.777
25.74	49.08	37.08	12.37	-1.18	-0.74	-2.65	-6.84	-0.53
28.69	19.62	23.87	6.17	1.39	0.7	3.09	6.66	0.813
24.87	14.12	19.23	6.41	1.11	0.46	2.61	1.92	0.227
34.06	33.27	33.61	3.79	2.38	1.55	4.46	19.48	3.572
209.12	200.85	204.78	6.76	-1.02	-0.91	-1.14	-4.16	-0.297
14.34	5.04	9.13	5.55	-3.64	-1.78	-37200.44	-24.06	-3.808
146.93	144.03	145.21	9.66	-1.21	-1.01	-1.44	-30.2	-1.717
158.31	166.87	162.95	7.85	-1.27	-0.8	-1.76	-44.06	-0.934
183.82	205.79	194.1	15.23	-1.15	-0.96	-1.39	-30.07	-1.275

17.14	29.49	23.07	6.5	1.03	0.55	1.57	0.67	0.097
1675.52	1495.6	1584.14	95.4	1.07	0.91	1.28	109.31	0.69
25.13	27.62	26.58	3.1	1.01	0.67	1.78	0.38	0.052
183.49	165.56	174.15	11.84	1.1	0.93	1.32	15.93	0.907
502.08	502.19	502.13	15.53	1.1	1.03	1.18	46.25	2.249
18.41	16.2	17.05	5.36	1.59	0.7	3.38	6.3	1.018
26.22	26.74	26.58	2.48	-1.18	-0.9	-1.51	-4.74	-1.033
5.88	21.49	13.8	8.28	-2.43	-1.18	-181.4	-19.7	-2.184
29.01	25.7	26.98	3.86	1.67	1.11	2.76	10.87	2.062
29.63	2.46	15.9	14.29	1.37	0	100000000	4.26	0.262
60.4	81.49	70.92	12.63	1.08	0.73	1.52	5.24	0.352
31.06	31	31.03	3.4	-1.09	-0.77	-1.49	-2.85	-0.438
132.96	93.92	113.33	19.86	1.06	0.73	1.48	6.92	0.295
68.93	76.17	72.57	6.38	1.22	0.99	1.49	12.88	1.567
47.74	41.02	44.46	3.88	1.04	0.85	1.28	1.72	0.314
73.31	88.57	80.7	9.97	1.13	0.83	1.56	9.38	0.666
21.15	12.13	15.7	6.36	1.16	0.35	3.6	2.15	0.26
83.41	17.28	50.28	33.63	2.57	0	6.71	30.73	0.902
393.32	375.36	382.75	14.55	1.13	0.96	1.35	43.26	1.231
11.68	17.12	14.58	3.37	-1.19	-0.75	-2.03	-2.71	-0.605
120.17	106.41	113.34	11.66	1.01	0.82	1.23	1.26	0.091
121.41	80.22	100.62	21.39	1.33	0.86	1.81	24.71	1.14
13.32	5.55	9.35	5.44	-2.47	-1.18	-58.38	-13.77	-2.12
28.01	25.5	26.36	3.26	2.65	1.54	7.28	16.4	3.262
14.67	20.31	17.25	4.41	1.17	0.65	1.89	2.53	0.5
39.8	21.71	30.63	9.39	1.06	0.52	1.67	1.75	0.177
7.52	31.01	19.45	11.84	1.07	0	100000000	1.3	0.078
13.4	47.86	31.13	17.82	-1.52	-0.75	-25.98	-16.25	-0.862
6.55	15.81	11.37	5.13	-1.06	-0.44	-4.28	-0.66	-0.105
14.75	10.07	12.99	4.69	1.03	0.39	2.45	0.43	0.071
28.36	1.84	15.12	13.44	1.8	0	16.44	6.7	0.473
12.17	9.22	10.54	3.01	-1.39	-0.76	-2.81	-4.13	-0.922
210.12	232.43	222.43	14.86	1.26	0.98	1.71	45.61	1.485
87.86	76.04	82.46	7.79	1.02	0.81	1.3	1.86	0.162
11.57	48.39	30.14	18.54	-1.09	-0.49	-100000000	-2.74	-0.14
37.39	26.47	32.55	8.24	1.04	0.58	1.67	1.14	0.116

690.69	491.57	590.09	109.44	-1.57	-1.07	-2.4	-338.37	-1.927
12.99	7.85	10.24	3.63	-2.21	-1.3	-5.42	-12.42	-2.564
142.7	125.48	134.22	10.21	-1.02	-0.87	-1.2	-2.39	-0.178
4.88	7.82	6	3.94	-1.03	0	-100000000	-0.18	-0.029
128.83	105.25	118.95	17.72	-1.29	-1	-1.75	-34.88	-1.669
69.03	35.19	52.24	17.48	-1.3	-0.81	-2.93	-15.89	-0.853
159.61	160.24	159.91	14.28	1.99	1.51	2.72	79.46	4.255
34.32	44.3	39.05	5.63	2.51	1.55	5.03	23.48	3.226
8.81	12.45	11.16	2.94	1.46	0.5	100000000	3.54	0.485
22.53	25.95	24.06	4.05	-2.15	-1.64	-3.03	-27.74	-5.077
28.27	29.24	28.78	4.67	1.94	0.92	54.36	13.96	1.416
22.9	12.44	17.47	5.62	-1.03	-0.62	-2.25	-0.6	-0.097
26.73	28.92	27.76	2.62	-1.42	-1.11	-1.8	-11.7	-2.325
52.94	48.91	50.92	6.02	-1.1	-0.84	-1.45	-5.09	-0.584
43.03	56.17	50.92	9.27	1.46	0.94	2.24	16	1.44
5.81	33.52	19.64	14.08	2.6	0	100000000	12.08	0.798
26.26	14.67	20.45	6	-1.71	-1.13	-3.34	-14.58	-2.223
183.88	190.85	187.33	8.93	1.07	0.92	1.27	13.02	0.762
166	156.51	160.56	8.24	-1.09	-0.69	-1.51	-14.62	-0.367
27.78	34.98	31.46	4.68	1.59	1.09	2.41	11.7	1.984
205.19	199.29	202.05	11.18	-1.05	-0.88	-1.24	-10.49	-0.478
25.99	26.03	26.01	3.4	-1.38	-1.04	-1.85	-9.89	-1.886
57.31	40.97	48.93	8.8	1.09	0.75	1.49	4.24	0.435
3.48	21.13	12.55	9.14	1.89	0	100000000	5.91	0.535
5.64	65.29	35.69	29.9	1.59	0	4.27	13.2	0.435
15.19	21.17	18.35	3.63	1.53	0.9	2.8	6.33	1.333
10.28	2.9	6.09	4.7	-1.86	-0.61	-100000000	-5.25	-0.883
2.47	1	1.64	3.36	-17.97	0	-100000000	-27.8	-1.207
41.14	33.86	37.46	7.42	-1.16	-0.82	-1.78	-5.99	-0.674
32.08	32.19	32.13	2.77	-1.11	-0.92	-1.35	-3.56	-0.908
38.87	17.83	28.54	12.3	-1.82	-1.04	-6.28	-23.31	-1.775
9.81	19.18	14.59	5.09	1.85	0.61	100000000	6.71	0.941
19.36	10.1	14.08	6.47	-1.94	-0.73	-8.34	-13.26	-1.175
43.81	43.98	43.93	2.6	2.06	1.53	3.07	22.57	4.578
29.02	28.21	28.47	2.67	6.58	2.66	100000000	24.14	5.258
58.18	62.01	60.13	6.22	-1.06	-0.89	-1.28	-3.46	-0.522

19.29	15.9	17.91	4.18	1.25	0.69	2.31	3.53	0.64
27.96	34.48	30.72	4.17	-1.37	-1.08	-1.8	-11.28	-2.17
50.14	60.53	56.1	6.23	-1.05	-0.83	-1.34	-2.63	-0.32
577.82	465.83	520.06	59.73	-1.31	-0.94	-1.77	-160.8	-1.359
23.07	2.26	12.98	11.22	1.29	0	100000000	2.93	0.2
31.24	20.96	25.9	9.55	1.54	0.55	4.02	9.08	0.811
35.41	25.49	30.7	5.51	1.02	0.63	1.73	0.46	0.052
15.65	9.04	12.41	4.05	1.16	0.49	2.51	1.68	0.327
15.19	35.97	25.46	11.03	1.18	0.32	2.86	3.82	0.296
11.5	7.65	9.72	6.51	1.75	0	10.73	4.17	0.591
633.16	570.73	602.02	32.74	1.1	0.94	1.31	57.17	1.005
40.37	23.06	31.48	9.91	1.15	0.55	1.84	4.18	0.403
38.37	38.04	38.2	1.44	1.34	1.06	1.8	9.69	2.094
17.33	12.95	14.66	5.02	-2.22	-1.26	-5.24	-17.87	-2.339
47.29	61.16	53.81	7.41	-1.03	-0.82	-1.36	-1.88	-0.229
7.89	10.99	9.66	3.93	1.22	0.37	4.04	1.72	0.339
21.62	26	24.45	4.96	6.15	2.21	100000000	20.47	3.312
34.13	32.55	33.45	3.53	2.94	1.72	8.27	22.08	3.891
35.79	22.89	29.15	7.6	1.33	0.74	2.08	7.28	0.888
42.12	13.77	28.28	14.69	-1.24	-0.65	-8.55	-6.8	-0.453
18.26	8.31	13.76	5.8	-1.35	-0.64	-4.57	-4.84	-0.648
11.7	39.54	25.55	14.05	1.66	0.16	4.47	10.13	0.68
71.68	82.9	78.02	8.25	1.3	1.04	1.6	18.16	1.941
48.77	43.72	46.63	4.08	-1.02	-0.86	-1.22	-0.86	-0.174
27.45	16.76	22.14	6.14	-1.36	-0.85	-2.6	-8.03	-1.046
1.82	7.41	4.93	3.26	2.76	0	100000000	3.15	0.881
173.96	161.68	166.54	11.21	1.15	0.96	1.4	21.66	1.24
359.84	395.62	380.32	23.07	1.3	1.03	1.72	88.51	1.877

P value	filtered	DMSO A112	DMSO B112	baseline mea	baseline mea	BKM120 A11	BKM120 B11	experiment m
0.304251		144	155.64	150.86	10.6	121.12	100.64	111.01
0.354963		411.02	454.38	432.56	22.89	254.74	168.57	210.94
0.618377		279.09	418.78	348.58	70.42	871.08	848.99	858.76
0.224482		196.47	206.1	200.89	11.7	110.08	96.02	103
0.697057		1431.11	1931.77	1680.55	250.85	1295.49	642.27	968.92
0.141869		382.96	420.79	402.02	20.68	287.25	203.32	245.38
0.465766		1202.32	1032.23	1115.94	92.39	1067.79	1442.59	1254.59
0.251953		1583.6	1188	1384.84	202.03	1491.9	2057.36	1774.78
0.190674		1055.22	861.14	958.08	101.58	1121.7	1594.94	1358.1
0.258427		2686.87	2066.14	2375.63	317.87	2564.77	3588.07	3074.36
0.615323		1664.42	1714.92	1692.83	73.32	2714.28	3108.5	2917.01
0.778891		268.4	237.43	252.14	21.2	269.72	381.77	325.21
0.581262		18.63	23.72	20.7	7.81	16.21	21.84	19.32
0.787473		691.97	735.45	712.25	29.25	693.3	504.21	598.72
0.994617		855.9	964.89	912.03	55.98	892.24	678.66	785.17
0.75254		2397.42	2823.86	2606.43	218.68	2582.4	1980.69	2269.09
0.473257		126.56	125.9	126.16	9.4	82.22	45.82	63.27
0.205177		480.09	406.15	442.96	40.73	585.1	867.35	726.2

0.913259	16.49	12.46	14.51	4.22	14.16	8.92	11.37
0.888782	369.43	398.42	382.06	17.07	272.74	215.33	243.65
0.377442	19.74	17.14	18.58	4.44	14.88	10.44	12.58
0.753144	31.49	37.81	34.35	22.86	22.61	15.38	17.64
0.326172	157.88	195.2	176.66	20.91	169.11	146.33	157.71
0.479593	84.9	79.12	82.35	8.71	69.94	56	61.64
0.939651	1185.82	1295.69	1237.17	61.92	1533.81	1454.23	1495.95
0.482935	116.38	128	121.93	15.73	71.53	69.23	70.32
0.406394	761.49	618.88	688.66	77.15	666.81	669.42	668.23
0.820527	485.79	582.41	534.35	49.22	532.51	306.52	419.36
0.494604	420.33	397.34	408.67	16.21	403.07	362.27	381.79
0.90848	917.02	815.34	865.81	54.2	837.19	1045.16	940.8
0.476248	338.89	369.01	354.46	20.42	388.69	316.8	353.43
0.450845	1823.93	1760.57	1789.87	53.05	1949.09	1539.36	1738.16
0.916254	110.44	121.88	115.74	8.51	187.72	101.47	144.68
0.90525	599.2	565.49	582.82	26.74	580.13	458.68	517.66
0.874946	6.26	6.54	6.41	5.92	6.58	10.29	8.26
0.931848	118.86	94.07	106.35	19.17	47.26	60.98	54.35
0.606677	141.09	119.9	131.22	27.7	80.16	71	75.75
0.695794	59.11	75.7	66.2	12.37	72.26	66.42	69.06
0.396586	324.35	306.55	314.77	22.47	471.47	383.24	426.88
0.79392	33.81	34.38	34.09	6.68	33.29	34.85	33.92
0.564762	7.69	30.57	19.48	11.63	12.16	12.3	12.2
0.814288	53.44	71.75	61.99	12.03	101.96	63.48	83.02
0.957492	767.79	760.41	764.63	21.96	631.59	559.57	596.22
0.908629	859.84	878.66	870.31	20.86	857.32	870.55	866.88
0.828949	20.58	13.41	17.14	7.24	19.1	19.35	19.23
0.821666	28.08	51.02	39.35	11.76	97.25	31.08	64.16
0.428751	907.15	1134.98	1020.2	114.79	1030.27	464.45	747.08
0.200559	72.79	67.53	70.27	5.68	67.39	51.74	60
0.648762	1719.01	2107.74	1912.69	194.88	2080.8	1629.54	1854.43
0.865521	38.97	44.31	41.47	10.02	41.4	26.96	33.78
0.660782	118.82	173.45	146.03	27.77	153.44	125.41	138.91
0.692607	299.87	337.38	318.47	21.65	281.76	180.9	230.53
0.69795	295.05	303.45	298.23	10.06	275.39	144.89	210
0.329684	325.72	341.68	332.53	13.09	243.07	244.78	243.93

0.690984	144.82	131.86	137.73	11.77	189.98	224.27	204.24
0.146457	5726.18	6093.59	5906.61	199.03	5457.28	4627.67	5030.36
0.575525	163.56	158.9	161.11	10.5	139.11	109.32	123.84
0.41528	237.3	189.9	212.2	27.07	285.53	347.52	317.24
0.806222	107.97	112.56	110.14	7.82	60.34	65.04	62.7
0.579785	350.55	369.26	358.5	34.75	285.96	301.26	293.66
0.957291	368.05	392.86	381.85	36.85	305.45	290.14	298.01
0.82478	112.46	95.28	104.36	10	98.05	100.01	99.16
0.971539	4.22	4.56	4.46	2.61	5.83	2.51	3.62
0.991428	718.15	791.04	751.97	42.42	752.81	388.98	570.73
0.751752	34.34	21.82	29.34	10.57	22.46	23.6	22.99
0.787926	2634.42	3479.68	3057.44	422.83	3474.22	2821.33	3146.65
0.916826	576.19	681.8	627.86	54.53	715.58	557.26	635.42
0.70839	15.17	22.95	18.72	8.76	19.09	16.51	17.81
0.880308	84.71	107.52	95.88	13.93	92.95	27.33	60.13
0.919637	31.02	45.34	37.19	9.01	28.53	41.13	34.66
0.494864	261.61	309.71	285.74	28.44	285.56	225.06	256.68
0.954735	4.34	4.92	4.64	5.56	6.14	6.37	6.22
0.923081	2080.75	2277.54	2172.6	106.1	2513.94	2048.22	2276.42
0.438828	18.37	20.09	18.96	3.9	28.31	11.96	20.02
0.932653	12.17	9.18	10.58	4.65	9.84	12.72	11.02
0.861062	25.69	32.62	28.12	6.68	30.24	29.39	29.76
0.15016	327.87	330.21	329.16	10.48	369.42	459.64	414.73
0.742681	22.49	25.95	23.96	5.28	29.61	8.15	18.21
0.662166	96.95	109.57	103.31	8.4	125.34	108.87	117.65
0.776762	327.12	393.78	359.96	34.17	444.09	281.87	362.92
0.537083	45.01	18.28	32.34	14.58	24.79	41.28	32.66
0.141983	167.47	158.02	162.33	9.6	125.66	127.89	126.67
0.63618	36.71	20.44	28.36	8.98	12.69	18.29	15.63
0.289284	292.37	322.26	306.67	21.48	236.53	189.53	214.32
0.779855	18.01	17.76	17.93	2.78	30.62	15.04	22.89
0.299367	76.02	62.48	68.71	8.37	74.32	96.25	84.97
0.490371	6.31	11.14	8.84	3.76	12.52	23.04	18.84
0.452604	42.07	53.74	47.84	7.05	55.34	30.45	43.06
0.762889	18.23	4.31	10.99	7.63	9.23	9.58	9.4
0.853468	21.37	13.12	16.82	6.91	8.92	15.21	11.79

0.14512	620.26	609.02	614.33	18.49	728	719.96	725.3
0.823705	102.74	134	118.47	20.87	111.1	72.22	91.89
0.671585	1342.88	1828.37	1585.85	243.03	1803.45	1371.67	1585.61
0.980871	909.22	930.09	919.07	40.52	863.26	872.05	868.46
0.674384	678.62	922.04	796.66	130.9	864.8	522.24	692.17
0.211211	651.98	661.83	657.97	18.19	534.75	742.12	638.13
0.790519	519.37	431.89	477.26	48.6	392.77	538.77	465.62
0.749681	890.43	1025.44	958.41	70.55	1080.82	1095.3	1086.06
0.178667	158.36	150.52	154.38	8.6	149.2	115.78	131.93
0.911735	672.15	1312.28	991.05	320.76	2012.54	1931.89	1971.76
0.142856	762.64	802.23	781.88	27.14	690.89	524.72	607.27
0.251889	299.92	381.84	340.54	42.36	286.1	197.23	241.46
0.407985	1013.4	924.95	970.26	48.95	1070.09	1364.08	1215.61
0.904366	1921.5	1688.22	1803.7	121.65	1632.9	1332.91	1479.55
0.698544	14.59	22.13	18.92	7.7	11.47	13.48	12.39
0.94292	20	21.31	20.53	6.19	6.39	11.24	7.94
0.809907	11.93	20.86	16.62	7.26	8.48	13.24	10.43
0.950598	22.95	15.57	19.4	12.61	24.9	14.88	19.57
0.237112	273.29	307.75	292.99	20.45	223.31	184.45	201.64
0.085411	850.65	896.47	872.37	25.14	887.16	692.73	789.5
0.777883	8.75	9.38	9.06	6.32	5.51	12.67	9.58
0.162437	12990.22	13194.96	13088.63	183.47	14784.13	13316.42	14045.53
0.266101	9.54	15.61	12.32	4.66	34.67	14.43	24.48
0.519394	24.43	18.61	21.53	4.34	22.89	24.13	23.45
0.918421	43.68	37.79	41.68	7.86	52.9	34.4	43.16
0.303247	57.26	61.43	59.68	5.12	50.51	64.42	57.12
0.653588	6.61	14.24	10.23	5.12	6.2	9.54	7.77
0.821383	45.54	75.33	59.84	15.69	24.49	18.71	21.14
0.609405	60.02	59.57	59.84	4.94	58.67	53.88	56.34
0.991802	12.06	48.54	30.28	18.32	32.19	16.42	25.09
0.253621	187.71	188.79	188.22	8.35	170.58	177.82	173.67
0.164631	616.11	584.3	600.71	22.41	626.12	698.83	661.92
0.67607	18.91	21.44	19.95	3.86	15.26	13.59	14.51
0.975295	159.9	138.2	149.99	13.14	148.34	193.56	171.06
0.064821	1581.06	1646.39	1611.9	55.12	1902.05	1864.57	1881.1
0.786327	21.76	29.8	25.51	5.07	11.1	20.62	16.05

0.873069	31.23	36.62	33.93	11.33	26.48	17.2	21.91
0.952859	17.6	26.56	21.83	8.02	12.86	15.19	14.45
0.774145	1961.77	1729.67	1843.03	122.96	1666.41	1374.05	1521.6
0.160399	6721.7	6733.48	6724.93	96.14	7423.39	6180.16	6779.41
0.383407	186.15	175.01	181.37	10.5	183.22	138.68	160.61
0.361509	420	385.09	403	20.27	439.18	447.38	444
0.812568	443.38	481.72	462.04	26.45	638	721.08	679.3
0.061302	1269.21	1343.75	1300.75	45.15	1539.02	1565.55	1552.16
0.364611	1919.09	1934.05	1924.43	18.81	1929.7	2323.89	2127.12
0.162353	129.55	156.93	143.22	16.27	202.24	162.24	182.85
0.926877	614.77	540.76	578.33	57.01	582.26	587.61	585.34
0.440358	829.1	1142.06	984.69	157.13	1313.27	1159.01	1237.67
0.90456	297.81	362.36	329.55	32.79	229.78	243.94	236.88
0.297001	332.15	357.6	345.51	16.09	273.31	219.87	247.44
0.571572	593.68	705.65	648.36	58.02	912.3	663.2	787.44
0.641319	42.34	42.41	42.37	7.27	49.6	39.97	44.43
0.81362	223.38	226.41	224.77	8.69	298.71	301.19	299.62
0.698343	16.88	25.73	20.2	7.97	20.36	10.27	14.67
0.836084	3.47	4.79	4.01	2.76	3.27	6.8	4.95
1	1	1	1	1.16	5.45	1.16	3.49
0.401897	223.25	232.56	229.02	11.41	174.74	106.02	140.81
0.878733	23.14	35.61	28.98	8.53	39.59	21.98	30.33
0.883175	68.11	77.84	73.68	10.13	104.86	104.73	104.81
0.138636	109.09	107.92	108.43	4.24	72.28	100.12	86.19
0.35607	32.6	24.8	28.23	6.11	44.1	38.11	40.23
0.684129	11.62	27	19.4	7.96	10.63	4.26	7.74
0.751623	161.22	169.05	165.09	9.84	146.5	117.7	131.68
0.189608	375.06	401.38	386.25	17	531.44	582.18	558.39
0.409571	2417.09	2673.46	2540.02	134.81	2849.38	2323.76	2579.96
0.672679	2.22	4.89	3.45	2.57	16.07	20.61	18.25
0.065518	1054.03	998.61	1027.16	32.69	813.36	990.5	901.22
0.181455	16.71	12.53	14.98	4.5	19.7	34.53	27.14
0.486674	52.75	63.98	58.87	8.62	9.6	39.43	24.47
0.965195	37.29	50.11	44.47	7.78	15.31	42.95	29.09
0.220034	21.45	17.54	19.49	3.74	8.65	8.89	8.75
0.272157	1144.65	1056.77	1099.22	52.52	1118.18	1540.36	1327.21

0.534269	6.79	41.05	24.32	17.44	19.01	32.79	26.09
0.282491	627.74	534.11	579.47	52.02	537.99	596.7	569.17
0.663177	39.58	18.47	28.54	11.79	25.04	13.71	19.21
0.855102	23.31	36.05	29.46	7.16	43.82	36.77	40.52
0.955622	155.5	168.78	162.11	7.79	123.35	116.71	119.51
0.528532	27.86	39.23	33.48	6.42	46	52.09	49.3
0.570464	474.81	505.49	487.81	18.05	348.01	300.04	324.1
0.180418	4653.05	4597.43	4632.81	95.49	4278.91	3989.06	4127.37
0.997506	48.57	41.25	45.29	7.22	23.32	40.03	31.24
0.382101	55.38	129.27	93.18	38.21	158.35	127.3	142.93
0.845217	1378.88	1522.22	1446.02	80.96	1208.7	1034.72	1120.76
0.21111	372.53	442.91	406.68	37.43	513.41	337.29	425.6
0.207285	43.1	46.83	44.81	7.84	35.19	65.09	49.5
0.444279	196.07	232.59	213.65	19.99	270.7	254.11	261.64
0.458277	650.58	517.07	583.31	68.26	556.66	757.67	657.04
0.831405	32.18	62.59	47.35	16.56	45.07	32.52	37.67
0.542766	559.76	537.71	549.36	16.89	548.83	480.35	513.88
0.800152	2.77	1	1.88	1.95	2.28	3.94	2.84
0.919246	117.16	116.52	116.94	10.21	115.89	86.61	102.26
0.674368	3.11	20.12	11.45	8.7	5.29	6.52	5.88
0.458578	71.84	68.34	70.3	10.01	33.44	35.11	34.34
0.821885	162.05	168.22	164.82	7.19	180.96	146.8	163.41
0.344421	1082.62	1145.34	1113.65	41.65	1349.49	1452.33	1404.78
0.449127	967.36	1122.94	1043.79	79.71	1001.03	752.38	876.37
0.744378	59.5	39.43	48.92	12.38	46.37	57.08	52.76
0.433225	532.29	663.81	597.43	67.36	712.14	518.6	613.26
0.316118	185.81	204.86	194.74	13.64	229.55	164.24	197.14
0.838558	73.7	53.47	63.4	13.88	56.9	63.32	60.39
0.539332	629.76	565.89	597.65	35.55	652.6	853.19	752.73
0.497195	190.69	223.34	207.45	16.95	214.09	145.46	179.6
0.806095	15.47	8.65	12.59	4.3	8.57	22.89	15.77
0.918133	3.29	3.65	3.45	2.47	1.03	2.76	1.57
0.9026	69.46	83.81	77.33	8.76	99.1	73.23	85.83
0.835986	15.41	10.05	12.09	5.63	6.28	16.32	11.34
0.699627	851.1	862.31	855.56	14.43	745.35	692.93	721.71
0.756599	90.24	71.75	80.58	12.65	79.49	137.09	108.83

0.71225	6.13	1	3	3.55	6.32	7.48	6.73
0.876693	20.22	8.45	14.23	7.3	9.65	18.49	13.4
0.856586	512.86	697.22	603.58	93.53	404.03	312.61	358.75
0.689569	25.8	23.47	24.5	5.7	25.14	22.11	23.68
0.646307	91.71	112.16	101.77	12.28	131.68	94.2	113.7
0.572355	59.47	58.84	59.15	4.96	40.69	70.08	55.24
0.538154	261.56	281.74	272.14	12.76	210.55	142	176.86
0.61372	9.21	7.57	8.35	1.82	8.72	7.69	8.24
0.857825	3003.23	2867.65	2937.57	81.03	2522.94	2827.4	2675.21
0.392272	74.25	54.51	64.28	12.21	54.12	113.15	83.8
0.50613	91.12	62.6	76.82	15.18	86.31	155.47	120.27
0.688348	197.29	211.62	205.37	9.69	355.51	260.92	307.69
0.978503	85.74	77.84	81.94	11.68	101.64	141.7	121.81
0.971096	35.64	42.66	39.08	6.07	32.57	38.41	34.61
0.481339	30.79	39.86	35.63	6.51	31.61	29.85	30.72
0.350039	200.08	254.76	227.01	28.05	200.94	112.93	156.43
0.747592	96.42	115.98	105.78	12.32	27.45	61.83	44.59
0.377509	327.32	353.17	341.18	14.32	300.11	307.8	302.73
0.469131	839.18	968.61	904.98	68.48	937.39	757.66	841.47
0.168266	86.07	79.47	83.54	6.39	59.51	50.35	55.46
0.922914	440.29	470.4	455.14	16.11	444.32	335.92	390.04
0.958442	21.71	34.85	28	8.22	21.39	16.94	19.36
0.07499	255.39	259.87	257.1	8.13	222.4	176.94	199.82
0.650874	23.4	39.27	30.19	9.71	32.59	42.2	37.43
0.224827	99.88	79.55	89.26	11.57	81.69	78.75	80.21
0.292324	939.79	1059.51	998.24	63.05	1790.47	2072.51	1931.78
0.183146	407.11	408.78	407.74	7.26	189.89	193.49	192.39
0.188334	24.74	24.67	24.7	3.83	8.14	48.68	28.52
0.047769	274.81	305.59	290.97	17.21	495.34	433.48	463.98
0.122465	387.28	376.42	380.71	14.45	402.1	427.16	413.27
0.100474	601.16	612.26	606.68	18.58	737.98	725.8	732.99
0.217971	2453.13	2466.65	2461.35	50.57	1657.85	1252.28	1454.52
0.094669	199.23	219.81	209.26	13.16	104.33	95.35	100.33
0.424714	17.4	19.3	18.36	6.59	41.36	36.68	38.87
0.10816	500.37	477.36	490.61	18.42	342.98	308.04	325.06
0.513275	130.41	141.7	135.97	6.31	82.79	57.2	70.34

0.343937	504.53	683.44	593.44	90.18	1568.83	1421.95	1495.76
0.087737 *	8.72	15.11	11.13	5.63	16.26	32.48	24.46
0.687738	19.36	14.84	16.49	4.4	17.37	22.14	19.29
0.189468	419.05	478.33	447.41	33.05	322.78	265.01	292.38
0.334621	36.39	36.5	36.43	1.6	16.8	4.76	10.88
0.237494	945.09	947.07	945.78	27.51	1417.24	1140.3	1277.36
0.234417	692.29	835.57	764.01	74.13	1290.53	1362.51	1327.84
0.665546	823.33	1034.34	928.43	108.46	737.94	566.92	651.78
0.143931	583.75	608.72	600.16	24.22	710.92	828.33	762.83
0.555465	8.73	13.29	10.67	3.29	8.39	14.82	11.42
0.625692	87.05	102.28	94.27	11.26	74.21	84.08	79
0.053213	189.43	190.41	189.79	8.01	144.68	113.06	129.31
0.537995	112.87	97.7	107.08	10.99	192.61	146.32	169.92
0.222786	29.58	28.22	28.77	3.19	20.67	8.43	14.76
0.338135	16.55	22.23	19.34	4.12	26.55	38.38	32.26
0.203744	8543.35	8251.6	8404.87	243.7	5001.11	3578.09	4285.66
0.08438	1031.71	1125.5	1076.71	52.3	941.47	914.29	928.87
0.760216	36.65	45.03	40.43	6.21	36.06	36.83	36.42
0.196449	769.6	869.48	816.97	54.26	663.52	495.83	577.81
0.236064	28.95	38.46	33.82	5.09	10.22	33.6	22.06
0.049953	72.57	67.34	70.27	4.26	68.51	51.65	60.3
0.366238	80.51	83.04	82.17	6.63	133.37	112.6	122.55
0.25602	826.32	999.45	909.94	89.76	1854.75	1859.25	1856.32
0.249212	1	3.77	1.78	2.96	19.01	34.72	26.66
0.341234	1401.18	1403.43	1402.1	21.75	1306.56	1003.18	1155.51
0.227045	498.7	536.94	518.35	37.42	1084.46	1183.99	1137.91
0.18099	581.31	621.71	598.08	44.93	1198.02	1324.88	1259.35
0.33256	127.45	140.42	133.96	13.23	84.79	81.97	83.18
0.051793 *	389.11	355.82	372.98	19.89	468.52	506.18	486.74
0.269556	389.89	419.21	403.12	17.65	309.58	239.76	273.9
0.031251	788.32	796.92	793.22	22.52	1179.21	1207.14	1191.02
0.278419	254.86	204.44	229.32	26.73	453.68	486.11	469.98
0.095412	48.15	41.61	45.74	6.42	65.78	64.99	65.23
0.185346	70.42	66.99	68.46	5.98	54.68	48.96	52.57
0.780231	108.47	106.38	107.34	5.23	62.74	82.32	72.34
0.378259	33	37.66	35.71	5.03	60.56	57.59	58.96

0.425449	51.03	52.66	51.76	4.93	36.97	42.96	39.75
0.220119	512.74	434.83	475.15	43.53	717.85	754.69	735.02
0.206738	36.44	38.5	37.33	4.15	33.14	37.38	35.6
0.222271	44.16	52.13	48.18	6.91	32.34	18.9	26.25
0.239142	74.97	62.32	68.27	7.4	46.69	25.19	36.07
0.629638	46.47	44.79	45.78	6.45	27.14	16.43	21.49
0.123527	21.5	23.23	22.41	4.06	24.74	26.58	25.64
0.232137	368.64	412.33	389.09	24	580.43	648.94	613.6
0.952733	9.03	5.93	7.72	3.48	10.06	6.01	8.3
0.21326	59.15	46.59	52.47	8.82	93.86	119.08	106.07
0.307451	41.27	42.47	41.85	4.59	25.47	29.43	26.69
0.111499	141.72	135.09	138.56	8.58	214.34	231.26	222.73
0.169198	51.71	40.55	46.07	6.16	29.07	9.62	19.29
0.187217	1918.59	1948.5	1929.42	37.58	1581.37	1416.68	1500.91
0.445532	95.98	89.12	92.78	8.92	39.59	41.6	40.39
0.804819	168.3	164.08	166.06	13.67	251.17	303.24	275.36
0.095582	2106.13	2228.24	2160.51	78.73	3464.57	3946.5	3708.42
0.682087	32.89	21.06	26.81	7.41	48.07	31.61	39.79
0.733573	55.94	37.49	46.47	11.33	31.78	52.23	42.44
0.114511	143.32	136.29	139.41	8.67	114.53	76.94	95.79
0.312988	2491.47	2078.79	2286.54	222.5	2688.76	3771.39	3228.41
0.157677	48.49	47.99	48.17	4.33	88.01	89.04	88.64
0.757861	9.6	32.33	21.44	11.98	32.83	12.62	23.15
0.090071	36.68	41.24	38.81	5.22	37.86	23.54	30.54
0.893912	829.69	1572.54	1200.58	371.46	2520.47	1450.14	1984.28
0.370126	444.19	417.59	433.06	21.86	705.67	744.45	725.03
0.519592	153.88	169.3	161.18	8.82	117.95	155.82	137.54
0.678961	41.64	46.78	43.92	3.65	37.75	45.69	41.96
0.502977	18.96	15.44	17.21	5.4	24.62	21.73	23.1
0.842251	12.25	22.75	17.31	5.52	21.41	21.61	21.51
0.070338	14.73	13.22	14.13	3.92	38.21	35.77	37.13
0.801348	198.36	217.79	208.94	12.27	109.59	114.19	112.06
0.09216 *	32.57	33.68	33.19	3.02	11.17	1.99	6.93
0.24728	171.96	180.4	175.41	14.7	117.86	99.18	107.3
0.514879	161.97	253.4	207.02	46.52	301.52	172.97	237.38
0.333339	238.79	207.98	224.17	18.01	185.33	157.56	171.69

0.935981	21.42	23.18	22.41	2.12	12.72	26.07	19.63
0.566395	1597.11	1351.8	1474.83	126.61	1341.06	1330.8	1335.99
0.964651	32.51	20.09	26.19	6.62	25.88	18.99	22.16
0.460799	167.91	147.26	158.22	12.97	280.7	324.65	302.08
0.155927	461.67	448.24	455.88	13.48	572.53	425.66	500.44
0.437904	13.28	8.56	10.75	3.08	20.51	13.82	16.45
0.425733	33.68	29.79	31.32	3.86	12.3	8.14	10.76
0.217076	34.43	32.64	33.5	3.58	28.29	32.46	30.07
0.175993	18.63	14.1	16.12	3.59	23.33	16.46	20.01
0.824105	17.41	5.41	11.64	7.77	7.81	7.67	7.73
0.764087	63.62	68.48	65.68	7.89	64.11	35.84	49.64
0.711991	32.9	35.06	33.88	5.55	26.09	12.27	20.33
0.800205	93.96	118.54	106.42	12.42	68.31	57.06	61.97
0.262665	59.14	60.24	59.69	5.18	123.49	110.05	117.68
0.783217	44.14	40.33	42.74	3.86	16.36	18.38	17.27
0.573977	80.78	62.42	71.32	9.94	73.89	102.4	87.53
0.820182	15.61	11.11	13.55	5.3	21.9	10.98	16.38
0.526736	23.75	15.45	19.55	5.35	35.15	28.59	32.2
0.386231	308.11	370.99	339.49	31.99	566.14	512.71	539.52
0.607667	14.59	19.81	17.3	2.95	8.27	5.65	6.72
0.936857	110.46	113.72	112.08	7.34	215.79	239.85	228.03
0.450979	75.12	77.08	75.91	3.44	75.03	79.56	77.21
0.188547	25.02	21.82	23.12	3.55	18.67	3.86	10.8
0.085289	6.47	12.68	9.96	3.83	6.23	3.18	4.36
0.678043	12.97	16.09	14.72	2.48	15.15	12.55	13.67
0.884552	27.98	29.27	28.88	3.04	28.33	24.9	26.35
0.945219	29.65	6.47	18.15	11.88	23.25	7.15	15.24
0.5237	46.33	48.26	47.38	6.18	9.58	23.68	16.88
0.926655	10.17	14.19	12.03	3.63	17.98	10.37	14.75
0.950337	12.06	12.91	12.56	3.97	7.73	7.86	7.79
0.706963	11.96	5.42	8.42	4.49	11.93	2.2	7.19
0.454409	13.09	16.97	14.67	3.31	11.93	20.93	15.96
0.30794	151.05	203.18	176.82	26.89	323.79	272.09	297.53
0.886438	76.26	84.09	80.6	8.46	65.8	52.84	59.1
0.908063	28.93	37.73	32.87	6.07	6.09	2.59	4.06
0.919565	33.66	28.87	31.41	5.32	38.79	26.84	32.47

0.200057	1045.76	817.2	928.46	137.29	421.94	226.46	322.63
0.126293	24.25	20.64	22.66	3.2	8.57	11.61	10.44
0.875713	140.89	131.61	136.61	8.72	154.1	116.69	135.21
0.97987	9.45	3.49	6.18	4.73	6.37	7.74	6.95
0.260076	143.88	161.61	153.84	11.07	159.74	104.24	133.13
0.52468	71.68	66.18	68.12	6.46	21.26	16.15	18.49
0.053621 *	89.82	70.71	80.45	12.04	75.61	89.36	81.88
0.088432 *	18.17	12.41	15.57	4.61	28.9	47.97	38.6
0.693524	1.21	14.28	7.62	6.68	15.85	25.58	20.71
0.037396 *	51.41	52.11	51.8	3.67	56.21	39.74	47.9
0.326057	8.01	22.97	14.82	8.69	13.05	12.19	12.52
0.934982	20.05	16.24	18.07	2.57	3.35	16.07	9.4
0.171613	41.55	35.66	39.46	4.3	19.38	12.46	15.74
0.618681	50.99	60.72	56.02	6.32	52.5	60.15	56.92
0.30416	40.12	30.02	34.92	6.11	40.02	29.83	35.63
0.544296	10.01	5.36	7.56	5.53	4.69	16.22	10.79
0.210932	35.27	34.72	35.03	2.65	19.04	3.49	11.37
0.53946	164.35	187.81	174.31	14.56	204.04	191.87	197.36
0.772209	137.04	214.02	175.18	38.99	139.96	89.59	114.53
0.194163	18.28	21.81	19.75	3.59	11.27	16.05	13.31
0.689166	199.19	227.03	212.55	18.9	180.62	142.34	161.9
0.203264	39.17	33.22	35.9	4	10.56	15.11	13.35
0.720122	47.27	42.18	44.69	4.19	20.64	22.07	21.55
0.652688	10.06	4.25	6.64	6.21	3.92	15.23	9.01
0.735488	26.25	18.04	22.48	4.97	13.77	39.44	26
0.317281	12.8	10.82	12.02	3.06	7.84	9.38	8.43
0.475266	9.5	14.29	11.35	3.66	14	1.76	6.9
0.433918	6.59	52.23	29.44	22.78	31.87	4.96	18.74
0.579042	43.43	43.46	43.44	4.88	34.56	30.05	31.98
0.459744	35.19	35.97	35.69	2.77	20.15	25.2	22.44
0.283761	50.89	52.97	51.85	4.6	43.27	31.27	37.8
0.446014	11.09	4.51	7.88	4.99	30.34	9.28	20.41
0.372558	35.62	19.03	27.33	9.24	23.12	30.51	27.44
0.061821 *	23.92	17.66	21.36	4.19	26.17	35.41	31.56
0.042249 *	4.61	4.04	4.33	3.74	4.94	11.61	8.34
0.678308	64.13	62.79	63.58	2.3	30.98	37.44	33.05

0.588941		11.36	17.73	14.38	3.59	21.94	13.24	17.74
0.172566		41.65	42.32	42	3.1	7.04	32.03	20.02
0.780039		55.14	61.63	58.73	5.38	26.1	18.72	21.52
0.333368		579.58	782.99	680.86	102.17	694.66	254.49	474.63
0.8607		19.15	1.53	10.05	9.47	10.4	4.79	8.17
0.517306		14.16	20.43	16.82	5.84	23.79	25.77	24.71
0.963182		23.38	36.91	30.24	6.87	27.77	29.06	28.64
0.776231		7.73	13.14	10.74	3.14	18.38	22.68	20.48
0.800422		27.02	17.14	21.65	6.73	36.04	19.14	28.17
0.638313		5.01	6.85	5.55	2.76	11.12	12.61	12.07
0.430828		499.7	590.21	544.85	46.52	266.11	162.03	214.14
0.747486		24.88	29.53	27.3	3.06	21.1	20.77	20.88
0.247711		30.39	25.21	28.51	4.4	28.78	25.82	27.59
0.146604		36.46	27.66	32.53	5.76	41.75	59.28	50.57
0.847086		57.09	53.65	55.69	3.52	29.22	24.08	26.5
0.768183		7.85	8.09	7.94	3.23	12.68	3.34	8.31
0.089521	*	4.23	3.71	3.98	3.68	4.44	68.32	36.43
0.065045	*	7.72	14.39	11.38	4.44	19.64	33.17	26.45
0.507054		21.99	21.74	21.87	3.04	23.06	19.35	21.78
0.724329		35.09	35.05	35.08	3.1	2.83	10.25	5.5
0.586139		22.59	14.65	18.6	4.71	4.2	6.42	5.26
0.600615		19.18	11.77	15.41	4.99	16.03	2.37	8.89
0.229604		58.38	61.65	59.87	4.41	72.87	59.22	65.83
0.879915		49.25	45.72	47.49	2.83	23.9	24.12	24.01
0.412539		28.51	33.58	30.17	4.6	10.86	20.89	16.11
0.504142		1.67	1.93	1.79	1.46	7.22	10.44	8.94
0.344095		156.6	133.73	144.89	13.4	191.07	202.7	196.89
0.234425		251.15	329.73	291.81	41.12	668.3	572.04	618.87

experiment n	fold change	lower bound c	upper bound	difference of	t statistic	P value	filtered	DMSO A112
15.76	-1.36	-1.06	-1.81	-39.84	-2.097	0.18868		144
45.2	-2.05	-1.49	-3.19	-221.62	-4.374	0.080768		411.02
20.34	2.46	1.84	3.7	510.19	6.96	0.068428	*	279.09
10.69	-1.95	-1.62	-2.4	-97.9	-6.176	0.02573	*	196.47
328.63	-1.73	-1.02	-4.01	-711.62	-1.721	0.235925		1431.11
43.61	-1.64	-1.25	-2.33	-156.64	-3.245	0.127404		382.96
188.71	1.12	0.82	1.47	138.66	0.66	0.598247		1202.32
282.79	1.28	0.88	1.84	389.94	1.122	0.388721		1583.6
237.08	1.42	0.98	1.95	400.01	1.551	0.314361		1055.22
513.72	1.29	0.89	1.83	698.73	1.157	0.386497		2686.87
222.1	1.72	1.48	1.98	1224.18	5.234	0.08846		1664.42
57.44	1.29	0.9	1.73	73.07	1.193	0.409883		268.4
5.81	-1.07	-0.38	-2.46	-1.38	-0.142	0.901083		18.63
95.88	-1.19	-0.93	-1.63	-113.53	-1.133	0.436629		691.97
111.73	-1.16	-0.92	-1.54	-126.86	-1.015	0.447782		855.9
334.58	-1.15	-0.88	-1.56	-337.33	-0.844	0.499594		2397.42
20.26	-1.99	-1.28	-4.24	-62.89	-2.816	0.15479		126.56
141.34	1.64	1.09	2.27	283.24	1.926	0.276663		480.09

4.28	-1.28	-0.57	-3.57	-3.14	-0.522	0.653701	16.49
30.69	-1.57	-1.28	-2	-138.42	-3.941	0.086167	369.43
2.64	-1.48	-0.83	-2.52	-5.99	-1.16	0.38841	19.74
12.11	-1.95	0	-100000000	-16.71	-0.646	0.602003	31.49
15.86	-1.12	-0.86	-1.44	-18.95	-0.722	0.549868	157.88
11.16	-1.34	-0.97	-1.97	-20.72	-1.464	0.287748	84.9
60.58	1.21	1.09	1.35	258.78	2.987	0.096228	1185.82
10.81	-1.73	-1.25	-2.46	-51.61	-2.704	0.129295	116.38
24.64	-1.03	-0.83	-1.23	-20.43	-0.252	0.837104	761.49
114.27	-1.27	-0.85	-2.34	-114.99	-0.924	0.489721	485.79
24.47	-1.07	-0.95	-1.22	-26.88	-0.916	0.468708	420.33
104.27	1.09	0.87	1.33	74.99	0.638	0.606701	917.02
41.18	-1	-0.82	-1.26	-1.03	-0.022	0.984824	338.89
220.59	-1.03	-0.85	-1.31	-51.71	-0.228	0.854293	1823.93
44.39	1.25	0.61	1.92	28.94	0.64	0.631389	110.44
65.6	-1.13	-0.92	-1.44	-65.16	-0.92	0.494201	599.2
7.15	1.29	0	100000000	1.85	0.199	0.861026	6.26
11.09	-1.96	-1.24	-3.17	-52	-2.348	0.173878	118.86
17.75	-1.73	-1.01	-3.05	-55.47	-1.686	0.254912	141.09
10.27	1.04	0.71	1.6	2.86	0.178	0.875798	59.11
47.07	1.36	1.08	1.67	112.11	2.149	0.212666	324.35
7.83	-1	-0.61	-1.74	-0.16	-0.016	0.98881	33.81
3.74	-1.6	-0.03	-4.25	-7.28	-0.596	0.643699	7.69
20.59	1.34	0.74	2.24	21.03	0.882	0.489512	53.44
46.13	-1.28	-1.13	-1.48	-168.41	-3.297	0.124512	767.79
18.09	-1	-0.95	-1.06	-3.44	-0.124	0.912555	859.84
8.07	1.12	0.32	4.02	2.09	0.193	0.865118	20.58
34.69	1.63	0.18	4.12	24.81	0.677	0.603194	28.08
285.78	-1.37	-0.8	-3.72	-273.12	-0.887	0.507523	907.15
9.66	-1.17	-0.89	-1.63	-10.28	-0.917	0.474986	72.79
228.6	-1.03	-0.8	-1.36	-58.26	-0.194	0.864539	1719.01
8.81	-1.23	-0.66	-2.35	-7.68	-0.576	0.623843	38.97
15.78	-1.05	-0.7	-1.48	-7.12	-0.223	0.848936	118.82
52.27	-1.38	-0.98	-2.23	-87.93	-1.554	0.316203	299.87
66.33	-1.42	-0.93	-2.96	-88.24	-1.315	0.406636	295.05
7.95	-1.36	-1.25	-1.48	-88.6	-5.786	0.043613	325.72

23.35	1.48	1.16	1.87	66.51	2.544	0.168366	144.82
448.05	-1.17	-1.01	-1.39	-876.25	-1.787	0.268774	5726.18
20.23	-1.3	-1	-1.81	-37.27	-1.635	0.282384	163.56
32.19	1.5	1.15	1.98	105.04	2.498	0.133454	237.3
8.71	-1.76	-1.38	-2.33	-47.44	-4.052	0.056932	107.97
20.67	-1.22	-0.99	-1.48	-64.84	-1.604	0.276868	350.55
34.64	-1.28	-1	-1.66	-83.83	-1.658	0.23974	368.05
6.07	-1.05	-0.87	-1.26	-5.2	-0.445	0.707979	112.46
4.27	-1.23	-0.04	-100000000	-0.84	-0.168	0.88494	4.22
183.26	-1.32	-0.85	-2.8	-181.24	-0.963	0.499087	718.15
6.54	-1.28	-0.49	-2.78	-6.35	-0.511	0.668798	34.34
337.4	1.03	0.78	1.39	89.21	0.165	0.884824	2634.42
82.23	1.01	0.77	1.3	7.56	0.077	0.946807	576.19
9.41	-1.05	-0.22	-8.36	-0.91	-0.071	0.950124	15.17
34.02	-1.59	-0.78	-22.97	-35.75	-0.973	0.474623	84.71
7.57	-1.07	-0.6	-1.87	-2.53	-0.215	0.850463	31.02
35.26	-1.11	-0.85	-1.5	-29.06	-0.641	0.589467	261.61
5.46	1.34	0	100000000	1.57	0.202	0.85858	4.34
245.84	1.05	0.85	1.26	103.82	0.388	0.750176	2080.75
9.21	1.06	0.25	2.13	1.07	0.107	0.928781	18.37
5.33	1.04	0.2	4.17	0.44	0.063	0.955786	12.17
4.57	1.06	0.68	1.82	1.65	0.204	0.859529	25.69
45.73	1.26	1.03	1.5	85.57	1.824	0.300904	327.87
13.34	-1.32	-0.52	-100000000	-5.75	-0.401	0.744348	22.49
10.68	1.14	0.93	1.39	14.34	1.055	0.407182	96.95
82.78	1.01	0.62	1.45	2.95	0.033	0.977954	327.12
10.9	1.01	0.39	4.1	0.32	0.017	0.987846	45.01
7.75	-1.28	-1.11	-1.48	-35.66	-2.89	0.106987	167.47
4.03	-1.81	-0.81	-3.61	-12.73	-1.294	0.370307	36.71
30.28	-1.43	-1.12	-1.9	-92.35	-2.488	0.144074	292.37
8.28	1.28	0.51	2.22	4.96	0.568	0.656708	18.01
11.58	1.24	0.91	1.67	16.27	1.138	0.382699	76.02
7.17	2.13	0.71	7.65	10.01	1.236	0.37454	6.31
13.4	-1.11	-0.67	-2.34	-4.78	-0.316	0.790184	42.07
3.08	-1.17	0	-3.46	-1.59	-0.193	0.872485	18.23
6.4	-1.43	-0.4	-13.72	-5.02	-0.533	0.647421	21.37

17.22	1.18	1.11	1.26	110.98	4.393	0.048547	620.26
22.42	-1.29	-0.8	-2.28	-26.58	-0.868	0.477482	102.74
222.78	-1	-0.7	-1.41	-0.24	-0.001	0.999479	1342.88
49.08	-1.06	-0.94	-1.19	-50.61	-0.795	0.512474	909.22
177.12	-1.15	-0.72	-2.08	-104.5	-0.474	0.685429	678.62
104.12	-1.03	-0.81	-1.41	-19.84	-0.188	0.880507	651.98
74.23	-1.03	-0.76	-1.44	-11.64	-0.131	0.909281	519.37
39.4	1.13	1	1.31	127.64	1.58	0.286988	890.43
20.31	-1.17	-0.91	-1.59	-22.45	-1.018	0.456855	158.36
70.82	1.99	1.29	4.26	980.71	2.986	0.187623	672.15
86.01	-1.29	-1.04	-1.69	-174.61	-1.936	0.270371	762.64
46.74	-1.41	-0.98	-2.15	-99.08	-1.571	0.258007	299.92
149.42	1.25	0.99	1.54	245.35	1.56	0.330083	1013.4
160.02	-1.22	-1	-1.52	-324.15	-1.613	0.256813	1921.5
4.66	-1.53	-0.47	-4.48	-6.54	-0.727	0.556704	14.59
5.35	-2.59	-0.94	-100000000	-12.59	-1.538	0.266295	20
8.11	-1.59	-0.36	-100000000	-6.19	-0.568	0.627789	11.93
15.92	1.01	0	100000000	0.17	0.008	0.994108	22.95
24.95	-1.45	-1.16	-1.87	-91.36	-2.832	0.109892	273.29
98.8	-1.1	-0.91	-1.4	-82.88	-0.813	0.55247	850.65
7.69	1.06	0	100000000	0.52	0.052	0.963576	8.75
760.22	1.07	0.97	1.17	956.91	1.224	0.419635	12990.22
10.83	1.99	0.51	5.97	12.16	1.031	0.451459	9.54
4.75	1.09	0.66	1.78	1.92	0.298	0.793697	24.43
12.28	1.04	0.52	1.77	1.49	0.102	0.929534	43.68
8.38	-1.04	-0.8	-1.42	-2.56	-0.261	0.823152	57.26
3.01	-1.32	-0.22	-4.2	-2.46	-0.414	0.727349	6.61
5.24	-2.83	-1.47	-5.32	-38.7	-2.339	0.219413	45.54
7.04	-1.06	-0.84	-1.38	-3.5	-0.407	0.72735	60.02
8.9	-1.21	-0.01	-3.65	-5.19	-0.255	0.830317	12.06
7.33	-1.08	-0.98	-1.2	-14.55	-1.309	0.322603	187.71
39.53	1.1	0.98	1.23	61.21	1.347	0.338738	616.11
3.17	-1.37	-0.84	-2.32	-5.44	-1.089	0.393543	18.91
23.42	1.14	0.86	1.47	21.07	0.785	0.533438	159.9
83.35	1.17	1.06	1.28	269.21	2.694	0.13294	1581.06
4.92	-1.59	-0.9	-3.36	-9.47	-1.34	0.312207	21.76

10.63	-1.55	-0.58	-7.95	-12.02	-0.774	0.520336	31.23
7.4	-1.51	-0.5	-9.92	-7.39	-0.677	0.568513	17.6
152.02	-1.21	-1	-1.49	-321.44	-1.644	0.247249	1961.77
671.08	1.01	0.84	1.17	54.49	0.08	0.948549	6721.7
23.8	-1.13	-0.89	-1.51	-20.75	-0.798	0.539442	186.15
12.39	1.1	1	1.21	41	1.726	0.251742	420
43.5	1.47	1.27	1.69	217.26	4.267	0.070353	443.38
28.26	1.19	1.12	1.27	251.41	4.72	0.058292	1269.21
198.27	1.11	0.94	1.28	202.69	1.018	0.492008	1919.09
22.29	1.28	0.96	1.68	39.62	1.436	0.298281	129.55
33.88	1.01	0.84	1.23	7.02	0.106	0.927295	614.77
81.8	1.26	0.97	1.73	252.98	1.428	0.325721	829.1
12.47	-1.39	-1.14	-1.66	-92.67	-2.642	0.183651	297.81
34	-1.4	-1.12	-1.82	-98.07	-2.607	0.168782	332.15
126.58	1.21	0.87	1.61	139.08	0.999	0.458984	593.68
10.76	1.05	0.6	1.68	2.06	0.158	0.890431	42.34
15.61	1.33	1.2	1.48	74.85	4.191	0.078726	223.38
7.78	-1.38	-0.41	-11.08	-5.52	-0.496	0.669247	16.88
2.57	1.24	0.17	100000000	0.94	0.251	0.825603	3.47
2.53	3.49	0	100000000	2.49	0.895	0.497618	1
37	-1.63	-1.12	-2.88	-88.21	-2.278	0.230476	223.25
11.25	1.05	0.38	2.35	1.35	0.096	0.932966	23.14
6.88	1.42	1.13	1.87	31.13	2.541	0.142765	68.11
14.91	-1.26	-0.97	-1.77	-22.24	-1.435	0.362998	109.09
5.01	1.43	0.97	2.29	12.01	1.519	0.272677	32.6
3.98	-2.51	-0.71	-17	-11.66	-1.31	0.357813	11.62
16.22	-1.25	-1.01	-1.6	-33.41	-1.761	0.246313	161.22
27.65	1.45	1.3	1.61	172.13	5.303	0.049407	375.06
277.23	1.02	0.82	1.22	39.95	0.13	0.91256	2417.09
3.19	5.3	2.2	100000000	14.81	3.614	0.073452	2.22
90.02	-1.14	-0.97	-1.37	-125.94	-1.315	0.378441	1054.03
7.66	1.81	0.87	3.93	12.16	1.369	0.330207	16.71
16.91	-2.41	-1.06	-100000000	-34.4	-1.812	0.253126	52.75
14.05	-1.53	-0.77	-7.53	-15.38	-0.958	0.462612	37.29
3.28	-2.23	-1.2	-5.99	-10.74	-2.158	0.165665	21.45
213.15	1.21	0.88	1.55	227.99	1.039	0.472737	1144.65

8.06	1.07	0.37	100000000	1.77	0.092	0.937983	6.79
31.32	-1.02	-0.85	-1.2	-10.3	-0.17	0.883874	627.74
7.07	-1.49	-0.44	-4.25	-9.33	-0.679	0.580333	39.58
5.69	1.38	0.9	2.38	11.06	1.21	0.355278	23.31
8.98	-1.36	-1.18	-1.58	-42.6	-3.581	0.071957	155.5
4.83	1.47	1.06	2.21	15.81	1.968	0.197563	27.86
24.89	-1.51	-1.32	-1.74	-163.71	-5.324	0.040678	474.81
182.6	-1.12	-1.04	-1.22	-505.44	-2.453	0.173091	4653.05
9.84	-1.45	-0.86	-3.1	-14.05	-1.151	0.377655	48.57
17.89	1.53	0.87	4.76	49.75	1.179	0.399167	55.38
92.63	-1.29	-1.1	-1.53	-325.26	-2.644	0.120387	1378.88
89.73	1.05	0.67	1.47	18.92	0.195	0.871084	372.53
15.91	1.1	0.5	1.91	4.69	0.264	0.823943	43.1
12.8	1.22	1.04	1.47	47.99	2.022	0.202405	196.07
100.58	1.13	0.8	1.54	73.72	0.606	0.613094	650.58
9.9	-1.26	-0.5	-2.59	-9.68	-0.502	0.675231	32.18
38.19	-1.07	-0.94	-1.23	-35.48	-0.849	0.517697	559.76
3.86	1.51	0	100000000	0.96	0.221	0.851474	2.77
17.59	-1.14	-0.85	-1.63	-14.68	-0.722	0.56078	117.16
2.55	-1.95	0	-8.4	-5.56	-0.614	0.637065	3.11
7.85	-2.05	-1.35	-3.42	-35.96	-2.827	0.112325	71.84
18.23	-1.01	-0.84	-1.25	-1.41	-0.072	0.952182	162.05
55.98	1.26	1.15	1.38	291.13	4.172	0.060561	1082.62
127.72	-1.19	-0.92	-1.6	-167.41	-1.112	0.400331	967.36
11.43	1.08	0.62	1.99	3.84	0.228	0.841125	59.5
101.72	1.03	0.72	1.41	15.84	0.13	0.910174	532.29
34.02	1.01	0.71	1.34	2.4	0.065	0.956371	185.81
13.09	-1.05	-0.61	-1.79	-3.01	-0.158	0.888997	73.7
100.4	1.26	0.97	1.58	155.08	1.456	0.347047	629.76
36.37	-1.16	-0.84	-1.76	-27.84	-0.694	0.583875	190.69
7.57	1.25	0.25	3.41	3.18	0.365	0.757931	15.47
1.72	-2.2	0	-100000000	-1.88	-0.625	0.602238	3.29
15.48	1.11	0.75	1.55	8.5	0.478	0.690577	69.46
6.43	-1.07	-0.22	-16.22	-0.75	-0.088	0.938193	15.41
31.22	-1.19	-1.1	-1.28	-133.85	-3.892	0.102151	851.1
29.99	1.35	0.71	2.18	28.25	0.868	0.512543	90.24

2.69	2.25	0.49	100000000	3.73	0.839	0.495284		6.13
7.25	-1.06	-0.16	-10.09	-0.83	-0.081	0.942873		20.22
51.74	-1.68	-1.17	-2.39	-244.83	-2.291	0.183776		512.86
8.72	-1.03	-0.53	-2.74	-0.82	-0.078	0.94564		25.8
20.96	1.12	0.75	1.58	11.93	0.491	0.681713		91.71
15.49	-1.07	-0.71	-2.01	-3.92	-0.241	0.84419		59.47
37.17	-1.54	-1.13	-2.36	-95.28	-2.424	0.209466		261.56
2.41	-1.01	-0.56	-2.07	-0.11	-0.036	0.975078		9.21
160.9	-1.1	-0.99	-1.23	-262.36	-1.456	0.321881		3003.23
29.68	1.3	0.53	2.36	19.52	0.608	0.630409		74.25
35.16	1.57	0.77	2.73	43.44	1.134	0.417971		91.12
49.11	1.5	1.1	1.92	102.32	2.044	0.275311		197.29
21.52	1.49	1	2.15	39.87	1.628	0.279822		85.74
7.86	-1.13	-0.73	-1.89	-4.47	-0.45	0.699129		35.64
4.08	-1.16	-0.77	-1.66	-4.9	-0.638	0.599231		30.79
46.46	-1.45	-0.92	-2.9	-70.58	-1.301	0.346145		200.08
18.2	-2.37	-1.36	-7.29	-61.19	-2.784	0.124851		96.42
10.73	-1.13	-1.03	-1.23	-38.45	-2.148	0.174691		327.32
99.78	-1.08	-0.86	-1.38	-63.52	-0.525	0.657908		839.18
7.71	-1.51	-1.18	-2	-28.08	-2.804	0.11124		86.07
55.55	-1.17	-0.94	-1.53	-65.1	-1.125	0.440737		440.29
5.51	-1.45	-0.68	-3.03	-8.64	-0.872	0.486212		21.71
24.39	-1.29	-1.06	-1.62	-57.28	-2.229	0.231149		255.39
7.79	1.24	0.68	2.76	7.24	0.581	0.62226		23.4
5.04	-1.11	-0.86	-1.39	-9.04	-0.716	0.5762		99.88
143.25	1.94	1.64	2.27	933.54	5.965	0.060301	*	939.79
8.3	-2.12	-1.97	-2.29	-215.36	-19.538	0.00283	*	407.11
20.45	1.15	0	2.68	3.82	0.183	0.882982		24.74
36.17	1.59	1.35	1.87	173.01	4.32	0.086772		274.81
23.65	1.09	0.97	1.21	32.56	1.175	0.381709		387.28
14.57	1.21	1.14	1.28	126.31	5.35	0.037366		601.16
208.7	-1.69	-1.37	-2.22	-1006.83	-4.689	0.114256		2453.13
9.58	-2.09	-1.74	-2.54	-108.93	-6.693	0.027071	*	199.23
7.14	2.12	1.17	5.32	20.51	2.111	0.170034		17.4
18.93	-1.51	-1.35	-1.7	-165.55	-6.269	0.024561		500.37
13.92	-1.93	-1.44	-2.88	-65.63	-4.294	0.091028		130.41

78.17	2.52	1.98	3.4	902.32	7.561	0.018018	*	504.53
9.66	2.2	0.67	13.59	13.32	1.192	0.3798		8.72
3.55	1.17	0.7	2.2	2.8	0.495	0.671738		19.36
33.14	-1.53	-1.23	-1.94	-155.03	-3.313	0.080298		419.05
6.53	-3.35	-1.68	-253.85	-25.55	-3.8	0.142646		36.39
144.37	1.35	1.09	1.61	331.57	2.256	0.25196		945.09
57.13	1.74	1.47	2.09	563.83	6.024	0.030644		692.29
92.38	-1.42	-1.06	-1.96	-276.65	-1.942	0.194871		823.33
68.6	1.27	1.07	1.48	162.67	2.236	0.226577		583.75
3.62	1.07	0.46	2.42	0.74	0.152	0.893202		8.73
13.54	-1.19	-0.86	-1.74	-15.27	-0.867	0.479875		87.05
17.63	-1.47	-1.18	-1.91	-60.48	-3.123	0.137466		189.43
25.15	1.59	1.15	2.11	62.84	2.29	0.204708		112.87
6.95	-1.95	-1.06	-8.7	-14.01	-1.831	0.259225		29.58
6.57	1.67	1.01	2.8	12.91	1.666	0.260389		16.55
768.58	-1.96	-1.51	-2.79	-4119.21	-5.109	0.093037	*	8543.35
21.97	-1.16	-1.06	-1.26	-147.84	-2.606	0.178865		1031.71
5.17	-1.11	-0.78	-1.57	-4.02	-0.497	0.669888		36.65
92.15	-1.41	-1.09	-1.95	-239.15	-2.236	0.183921		769.6
11.87	-1.53	-0.76	-13.38	-11.76	-0.91	0.495248		28.95
9.69	-1.17	-0.9	-1.61	-9.97	-0.941	0.482228		72.57
11.74	1.49	1.21	1.83	40.38	2.995	0.126353		80.51
38.86	2.04	1.75	2.44	946.38	9.676	0.032046	*	826.32
8.21	14.99	3.27	100000000	24.88	2.852	0.171906		1
155.62	-1.21	-0.99	-1.56	-246.59	-1.569	0.354419		1401.18
80.34	2.2	1.86	2.6	619.56	6.99	0.045727	*	498.7
105.32	2.11	1.74	2.53	661.26	5.775	0.064821	*	581.31
9.73	-1.61	-1.25	-2.09	-50.78	-3.091	0.100665		127.45
28.86	1.3	1.14	1.49	113.76	3.246	0.097238		389.11
37.32	-1.47	-1.19	-1.91	-129.22	-3.13	0.133807		389.89
30.34	1.5	1.41	1.6	397.8	10.527	0.011653		788.32
17.64	2.05	1.7	2.56	240.66	7.513	0.025343	*	254.86
5.59	1.43	1.1	1.91	19.49	2.29	0.151496		48.15
8.02	-1.3	-0.99	-1.79	-15.89	-1.588	0.262997		70.42
10.46	-1.48	-1.18	-1.97	-35.01	-2.993	0.136905		108.47
2.63	1.65	1.32	2.17	23.24	4.092	0.086257		33

6.01	-1.3	-0.98	-1.79	-12.01	-1.545	0.266812		51.03
24.43	1.55	1.33	1.84	259.87	5.206	0.056448		512.74
6.45	-1.05	-0.75	-1.55	-1.72	-0.225	0.846308		36.44
9.45	-1.84	-1.07	-4.58	-21.93	-1.873	0.213344		44.16
12.16	-1.89	-1.16	-4.3	-32.21	-2.263	0.178083		74.97
6.73	-2.13	-1.3	-4.5	-24.29	-2.607	0.121257		46.47
5.11	1.14	0.71	1.8	3.23	0.494	0.672301		21.5
36.77	1.58	1.37	1.82	224.5	5.113	0.048909		368.64
3.57	1.08	0.28	4.51	0.58	0.117	0.917605		9.03
13.64	2.02	1.44	2.94	53.59	3.298	0.099347		59.15
5	-1.57	-1.12	-2.34	-15.16	-2.235	0.155949		41.27
10.82	1.61	1.41	1.83	84.16	6.095	0.029182		141.72
10.51	-2.39	-1.19	-23.13	-26.78	-2.197	0.188651		51.71
94.34	-1.29	-1.16	-1.44	-428.51	-4.22	0.102241		1918.59
7.26	-2.3	-1.68	-3.35	-52.39	-4.554	0.048499	*	95.98
30.19	1.66	1.31	2.07	109.3	3.298	0.128537		168.3
256.3	1.72	1.5	1.94	1547.91	5.773	0.082103	*	2106.13
9.52	1.48	0.8	2.94	12.97	1.075	0.400513		32.89
11.47	-1.09	-0.58	-2.14	-4.02	-0.25	0.826205		55.94
19.74	-1.46	-1.06	-2.22	-43.62	-2.023	0.235394		143.32
543.15	1.41	0.99	1.91	941.87	1.605	0.307136		2491.47
6.75	1.84	1.52	2.24	40.47	5.047	0.050918	*	48.49
10.84	1.08	0.22	13.71	1.71	0.106	0.925471		9.6
8.64	-1.27	-0.8	-2.44	-8.27	-0.819	0.514228		36.68
539.21	1.65	0.81	3.65	783.71	1.197	0.366925		829.69
23.97	1.67	1.52	1.85	291.96	9	0.012441	*	444.19
19.28	-1.17	-0.93	-1.54	-23.65	-1.115	0.420133		153.88
4.72	-1.05	-0.84	-1.33	-1.95	-0.328	0.775973		41.64
5.31	1.34	0.71	2.95	5.89	0.778	0.518137		18.96
2.6	1.24	0.77	2.66	4.2	0.688	0.585987		12.25
5.09	2.63	1.66	4.97	23	3.582	0.0766	*	14.73
6.48	-1.86	-1.63	-2.14	-96.88	-6.979	0.039202	*	198.36
5.03	-4.79	-2.14	-100000000	-26.26	-4.476	0.066014	*	32.57
13.22	-1.63	-1.29	-2.12	-68.11	-3.446	0.076082		171.96
66.45	1.15	0.58	2.08	30.36	0.374	0.747827		161.97
16.22	-1.31	-1.07	-1.61	-52.47	-2.165	0.164114		238.79

6.86	-1.14	-0.7	-2.71	-2.78	-0.387	0.756501		21.42
21.12	-1.1	-0.95	-1.26	-138.84	-1.082	0.467496		1597.11
4.14	-1.18	-0.65	-1.96	-4.04	-0.517	0.665008		32.51
24.95	1.91	1.57	2.32	143.86	5.116	0.062966	*	167.91
75.27	1.1	0.82	1.38	44.56	0.583	0.65934		461.67
6.41	1.53	0.52	3.42	5.7	0.802	0.53344		13.28
4.05	-2.91	-1.7	-7.75	-20.56	-3.673	0.067015	*	33.68
4.57	-1.11	-0.83	-1.55	-3.43	-0.591	0.617281		34.43
5.1	1.24	0.67	2.2	3.89	0.624	0.602706		18.63
1.9	-1.51	0	-3.75	-3.91	-0.489	0.7034		17.41
15.45	-1.32	-0.83	-2.76	-16.05	-0.925	0.479898		63.62
8.91	-1.67	-0.89	-6.06	-13.55	-1.291	0.346534		32.9
8.91	-1.72	-1.27	-2.37	-44.45	-2.908	0.112704		93.96
9.72	1.97	1.62	2.41	57.99	5.266	0.058751	*	59.14
2.37	-2.48	-1.91	-3.31	-25.47	-5.626	0.045125	*	44.14
15.13	1.23	0.83	1.76	16.21	0.895	0.477542		80.78
6.12	1.21	0.42	3.71	2.83	0.349	0.761114		15.61
4	1.65	1.06	3.07	12.65	1.894	0.208771		23.75
30.89	1.59	1.33	1.92	200.03	4.498	0.046144		308.11
2.46	-2.57	-1.44	-6.63	-10.57	-2.75	0.114562		14.59
15.28	2.03	1.74	2.37	115.95	6.839	0.045482	*	110.46
5.59	1.02	0.88	1.17	1.3	0.198	0.864221		75.12
8.28	-2.14	-0.89	-100000000	-12.33	-1.369	0.35464		25.02
6.07	-2.29	-0.48	-100000000	-5.6	-0.781	0.529505		6.47
3.83	-1.08	-0.65	-2.08	-1.05	-0.23	0.842415		12.97
4.67	-1.1	-0.8	-1.6	-2.53	-0.453	0.700911		27.98
8.15	-1.19	0	-10.63	-2.91	-0.202	0.860612		29.65
7.82	-2.81	-1.51	-11.87	-30.49	-3.059	0.098392	*	46.33
5.3	1.23	0.47	2.79	2.72	0.423	0.718189		10.17
3.88	-1.61	-0.63	-9.13	-4.77	-0.859	0.481079		12.06
5.76	-1.17	-0.13	-100000000	-1.23	-0.168	0.882508		11.96
5.91	1.09	0.41	2.11	1.28	0.189	0.871404		13.09
29.46	1.68	1.26	2.33	120.71	3.027	0.094975		151.05
9.52	-1.36	-1.01	-1.93	-21.5	-1.688	0.235164		76.26
5.59	-8.1	-2.31	-100000000	-28.81	-3.493	0.073793	*	28.93
8.5	1.03	0.56	1.68	1.06	0.106	0.926727		33.66

103.03	-2.88	-1.73	-6.22	-605.83	-3.529	0.079925	*	1045.76
3.04	-2.17	-1.35	-4.28	-12.22	-2.768	0.109859		24.25
19.5	-1.01	-0.79	-1.35	-1.39	-0.065	0.956122		140.89
4.29	1.12	0	100000000	0.77	0.12	0.915315		9.45
31.08	-1.16	-0.81	-1.9	-20.7	-0.628	0.625349		143.88
3.83	-3.69	-2.62	-5.72	-49.64	-6.607	0.036469	*	71.68
9.6	1.02	0.75	1.42	1.43	0.093	0.934783		89.82
10.08	2.48	1.25	5.25	23.04	2.079	0.224789		18.17
4.91	2.72	0.97	100000000	13.09	1.579	0.265615		1.21
9.05	-1.08	-0.8	-1.59	-3.9	-0.399	0.744849		51.41
4.51	-1.18	-0.04	-3.6	-2.3	-0.235	0.842529		8.01
6.65	-1.92	-0.84	-100000000	-8.67	-1.215	0.401129		20.05
4.53	-2.51	-1.62	-4.84	-23.72	-3.801	0.063048	*	41.55
6.54	1.02	0.78	1.33	0.91	0.1	0.929504		50.99
7.39	1.02	0.63	1.6	0.71	0.074	0.947966		40.12
6.08	1.43	0.1	100000000	3.23	0.394	0.732235		10.01
8.28	-3.08	-1.38	-100000000	-23.66	-2.721	0.18896		35.27
12.28	1.13	0.96	1.35	23.04	1.21	0.352939		164.35
26.68	-1.53	-0.88	-2.71	-60.65	-1.284	0.341874		137.04
3.42	-1.48	-0.9	-2.72	-6.44	-1.3	0.323502		18.28
22.38	-1.31	-1.01	-1.76	-50.65	-1.729	0.229446		199.19
4.93	-2.69	-1.6	-6.92	-22.54	-3.551	0.075447	*	39.17
2.74	-2.07	-1.61	-2.73	-23.15	-4.628	0.057455	*	47.27
7.66	1.36	0	100000000	2.37	0.241	0.83303		10.06
13.85	1.16	0.14	2.52	3.51	0.239	0.844383		26.25
2.3	-1.43	-0.74	-2.82	-3.59	-0.938	0.453634		12.8
7.66	-1.64	-0.45	-100000000	-4.45	-0.524	0.669993		9.5
13.84	-1.57	0	-100000000	-10.69	-0.401	0.734121		6.59
6.83	-1.36	-0.94	-2.16	-11.47	-1.366	0.316894		43.43
4.31	-1.59	-1.17	-2.36	-13.25	-2.584	0.143538		35.19
8.7	-1.37	-0.96	-2.24	-14.05	-1.428	0.324481		50.89
11.43	2.59	0.2	100000000	12.54	1.005	0.459532		11.09
5.03	1	0.57	2.34	0.11	0.01	0.993042		35.62
6.83	1.48	0.88	2.42	10.21	1.274	0.352264		23.92
4.85	1.93	0.08	100000000	4.01	0.655	0.583404		4.61
5.44	-1.92	-1.5	-2.65	-30.54	-5.169	0.075399	*	64.13

5.18	1.23	0.59	2.37	3.36	0.533	0.653104		11.36
13.23	-2.1	-0.99	-100000000	-21.99	-1.618	0.334092		41.65
7.11	-2.73	-1.71	-6.03	-37.21	-4.176	0.059668	*	55.14
221.33	-1.43	-0.76	-6.21	-206.23	-0.846	0.516983		579.58
4.5	-1.23	0	-14.37	-1.88	-0.179	0.880003		19.15
6.73	1.47	0.7	3.66	7.88	0.884	0.471375		14.16
1.5	-1.06	-0.66	-1.47	-1.6	-0.228	0.854803		23.38
2.45	1.91	1.21	3.75	9.75	2.447	0.141388		7.73
9.92	1.3	0.5	3.02	6.52	0.544	0.647475		27.02
5.51	2.17	0.49	12.6	6.52	1.058	0.433131		5.01
53.8	-2.54	-1.74	-4.4	-330.71	-4.65	0.045002	*	499.7
2.57	-1.31	-0.99	-1.73	-6.42	-1.606	0.253164		24.88
2.15	-1.03	-0.75	-1.35	-0.92	-0.188	0.874003		30.39
9.76	1.55	0.98	2.41	18.04	1.592	0.279741		36.46
4.99	-2.1	-1.57	-3.08	-29.19	-4.777	0.050459	*	57.09
5.65	1.05	0	3.92	0.37	0.057	0.96062		7.85
31.97	9.16	0	100000000	32.45	1.008	0.493893		4.23
6.96	2.32	1.1	6.81	15.07	1.826	0.231361		7.72
6.9	-1	-0.61	-2.14	-0.09	-0.012	0.992022		21.99
6.25	-6.38	-2.19	-100000000	-29.58	-4.238	0.086116	*	35.09
3.11	-3.54	-1.48	-132.72	-13.34	-2.364	0.160869		22.59
7.7	-1.73	-0.54	-100000000	-6.52	-0.711	0.561142		19.18
8.61	1.1	0.84	1.39	5.96	0.616	0.61838		58.38
2.71	-1.98	-1.62	-2.48	-23.48	-5.984	0.026923	*	49.25
5.9	-1.87	-1.07	-4.8	-14.06	-1.881	0.208171		28.51
2.62	5.01	1.69	100000000	7.16	2.385	0.173335		1.67
11.29	1.36	1.14	1.64	52	2.967	0.100598		156.6
57.59	2.12	1.62	2.86	327.07	4.622	0.05273	*	251.15

DMSO B112	baseline mea	baseline mea	combo A112	combo B112	experiment m	experiment m	fold change	lower bound c
155.64	150.86	10.6	79.75	61.74	72.54	14.89	-2.08	-1.51
454.38	432.56	22.89	240.53	237.92	239.66	14.77	-1.8	-1.58
418.78	348.58	70.42	915.82	865.59	889.03	38.92	2.55	1.89
206.1	200.89	11.7	107.12	100.4	103.91	7.99	-1.93	-1.65
1931.77	1680.55	250.85	845.56	432.96	640.36	208.57	-2.62	-1.57
420.79	402.02	20.68	237.34	216.04	227.19	16.61	-1.77	-1.53
1032.23	1115.94	92.39	1162.8	2023.92	1588.67	434.47	1.42	0.77
1188	1384.84	202.03	1221.79	1823.43	1519.76	303.41	1.1	0.7
861.14	958.08	101.58	854.96	1348.81	1101.69	248.17	1.15	0.71
2066.14	2375.63	317.87	2118.05	3387.08	2751.4	634.87	1.16	0.69
1714.92	1692.83	73.32	2236.27	2480.87	2359.53	149.67	1.39	1.22
237.43	252.14	21.2	294.47	571.96	432.34	139.99	1.71	0.79
23.72	20.7	7.81	13.35	24.27	18.16	10.77	-1.14	-0.35
735.45	712.25	29.25	675.05	420.87	548.12	128.38	-1.3	-0.93
964.89	912.03	55.98	925.08	584.43	754.75	171.81	-1.21	-0.86
2823.86	2606.43	218.68	2332.96	1803.84	2070.29	269.21	-1.26	-0.99
125.9	126.16	9.4	87.46	54.75	70.67	19.55	-1.79	-1.2
406.15	442.96	40.73	649	1052.62	849.8	202.96	1.92	1.15

12.46	14.51	4.22	8.96	6.43	7.79	2.49	-1.86	-0.86
398.42	382.06	17.07	245.66	187.81	216.91	30.53	-1.76	-1.41
17.14	18.58	4.44	5.18	60.98	33.04	28	1.78	0
37.81	34.35	22.86	28.92	10.38	18.39	15.08	-1.87	0
195.2	176.66	20.91	226.88	155.4	191.07	39.65	1.08	0.69
79.12	82.35	8.71	95.19	41.4	68.41	27.78	-1.2	-0.69
1295.69	1237.17	61.92	1543.61	1559.38	1549.66	43.92	1.25	1.14
128	121.93	15.73	70.98	66.65	68.95	11.42	-1.77	-1.26
618.88	688.66	77.15	739.06	989.02	862.49	128.78	1.25	0.9
582.41	534.35	49.22	534.82	282.96	409.43	127.61	-1.31	-0.83
397.34	408.67	16.21	425.83	390.93	410.23	27.44	1	0.88
815.34	865.81	54.2	870.8	1063.65	965.3	98.48	1.11	0.91
369.01	354.46	20.42	414.89	367.74	391.55	26.63	1.1	0.95
1760.57	1789.87	53.05	1770.96	1206.99	1488.95	284.51	-1.2	-0.91
121.88	115.74	8.51	195.35	68.79	131.99	64.41	1.14	0.22
565.49	582.82	26.74	539.45	456.25	498.22	47.32	-1.17	-0.99
6.54	6.41	5.92	10.32	11.72	10.86	5.88	1.69	0.16
94.07	106.35	19.17	75.15	82.2	78.19	12.99	-1.36	-0.89
119.9	131.22	27.7	69.42	61.37	64.76	15.47	-2.03	-1.18
75.7	66.2	12.37	62.56	81.21	72.64	14.6	1.1	0.68
306.55	314.77	22.47	443.32	481.57	462.55	25.42	1.47	1.27
34.38	34.09	6.68	34.08	25.58	30.09	9.64	-1.13	-0.64
30.57	19.48	11.63	1.4	3.77	2.49	3.06	-7.81	-0.14
71.75	61.99	12.03	74.46	88.04	80.86	9.35	1.3	0.92
760.41	764.63	21.96	591.3	579.26	586.51	27.55	-1.3	-1.19
878.66	870.31	20.86	721.8	721.05	721.52	28.42	-1.21	-1.12
13.41	17.14	7.24	15.14	13.52	14.46	6.49	-1.18	-0.33
51.02	39.35	11.76	66.85	17.76	42.48	25.56	1.08	0.01
1134.98	1020.2	114.79	937.51	350.6	643.92	295.03	-1.58	-0.87
67.53	70.27	5.68	60.81	76.63	68.89	9.41	-1.02	-0.8
2107.74	1912.69	194.88	1837.24	1388.95	1612.79	230.43	-1.19	-0.9
44.31	41.47	10.02	28.72	26.42	27.63	4.11	-1.5	-0.87
173.45	146.03	27.77	169	88.56	128.55	41.08	-1.14	-0.64
337.38	318.47	21.65	277.39	124.7	201.69	77.96	-1.58	-0.95
303.45	298.23	10.06	280.48	161.8	221.02	60.06	-1.35	-0.93
341.68	332.53	13.09	257.01	244.04	251.57	12.43	-1.32	-1.19

131.86	137.73	11.77	213.93	220.42	216.05	11.87	1.57	1.33
6093.59	5906.61	199.03	4823.2	5391.6	5101.69	300.91	-1.16	-1.04
158.9	161.11	10.5	131.02	107.08	118.35	16.9	-1.36	-1.07
189.9	212.2	27.07	275.38	361.99	316.93	47.28	1.49	1.06
112.56	110.14	7.82	78.71	72.17	75.92	10.36	-1.45	-1.14
369.26	358.5	34.75	261.46	351.46	304.64	49.79	-1.18	-0.88
392.86	381.85	36.85	272.5	390.1	328.86	69.13	-1.16	-0.82
95.28	104.36	10	96.62	122.95	109.24	14.31	1.05	0.79
4.56	4.46	2.61	4.65	2.92	3.65	2.96	-1.22	-0.04
791.04	751.97	42.42	431.75	239.1	335.6	97.31	-2.24	-1.5
21.82	29.34	10.57	25.58	18.09	21.93	6.6	-1.34	-0.51
3479.68	3057.44	422.83	3229.16	1984.62	2608.07	627.32	-1.17	-0.77
681.8	627.86	54.53	631.04	541.16	587.68	50.04	-1.07	-0.87
22.95	18.72	8.76	15.22	16.7	15.95	7.95	-1.17	-0.25
107.52	95.88	13.93	90.66	31.33	60.88	31.94	-1.57	-0.79
45.34	37.19	9.01	25.18	26.04	25.58	4.95	-1.45	-0.82
309.71	285.74	28.44	286.95	166.44	226.14	63.36	-1.26	-0.83
4.92	4.64	5.56	5.99	3.91	4.56	7.79	-1.02	0
2277.54	2172.6	106.1	2470.98	1696.22	2085.12	395.91	-1.04	-0.78
20.09	18.96	3.9	15.42	9.95	13.17	4.45	-1.44	-0.79
9.18	10.58	4.65	15.72	1.28	7.85	8.25	-1.35	-0.27
32.62	28.12	6.68	25.93	15.89	21.02	6.84	-1.34	-0.7
330.21	329.16	10.48	324.02	338.36	329.86	19.47	1	0.89
25.95	23.96	5.28	30.78	27.61	28.79	8.09	1.2	0.6
109.57	103.31	8.4	147.55	84.68	115.97	32.03	1.12	0.61
393.78	359.96	34.17	353.96	226.56	290.36	64.94	-1.24	-0.87
18.28	32.34	14.58	32.22	34.22	33.36	4.3	1.03	0.56
158.02	162.33	9.6	102.87	125.94	113.13	15.62	-1.43	-1.14
20.44	28.36	8.98	21.89	18.15	20.14	3.19	-1.41	-0.66
322.26	306.67	21.48	191.75	182.77	187.1	20.14	-1.64	-1.34
17.76	17.93	2.78	28.77	15.74	22.35	7.14	1.25	0.58
62.48	68.71	8.37	90.02	83.7	86.78	5.24	1.26	1.02
11.14	8.84	3.76	27.75	4.74	15.8	12.4	1.79	0
53.74	47.84	7.05	55.65	25.19	40.35	16.23	-1.19	-0.66
4.31	10.99	7.63	4.98	20.75	11.74	9.14	1.07	0
13.12	16.82	6.91	17.57	14.78	16.05	8.46	-1.05	-0.3

609.02	614.33	18.49	732.96	905	818.14	90.39	1.33	1.08
134	118.47	20.87	109.44	72.76	92.95	25.25	-1.27	-0.77
1828.37	1585.85	243.03	1771.15	935.96	1353.09	422.39	-1.17	-0.7
930.09	919.07	40.52	917.65	902.73	909.31	49.02	-1.01	-0.9
922.04	796.66	130.9	738.53	442.08	587.25	158.28	-1.36	-0.84
661.83	657.97	18.19	531.55	984.01	757.27	226.41	1.15	0.58
431.89	477.26	48.6	507.33	593.79	543.9	54.48	1.14	0.9
1025.44	958.41	70.55	919.26	877.03	899.23	28.65	-1.07	-0.93
150.52	154.38	8.6	125.36	85.34	105.43	21.96	-1.46	-1.07
1312.28	991.05	320.76	1936.69	1765.94	1842.51	119.35	1.86	1.19
802.23	781.88	27.14	621.99	442.89	532.91	91.64	-1.47	-1.14
381.84	340.54	42.36	233.49	152.1	194.03	44.94	-1.76	-1.18
924.95	970.26	48.95	908.37	1663.78	1285.39	377.85	1.32	0.68
1688.22	1803.7	121.65	1567.38	1506.77	1535.9	54.1	-1.17	-1.03
22.13	18.92	7.7	16.01	27.41	19.9	12.02	1.05	0.01
21.31	20.53	6.19	25.83	26.25	26.07	9.59	1.27	0.47
20.86	16.62	7.26	17.2	14.05	15.46	7.15	-1.08	-0.27
15.57	19.4	12.61	20.07	21.58	20.91	11.5	1.08	0.1
307.75	292.99	20.45	242.42	177.88	211.04	36.16	-1.39	-1.05
896.47	872.37	25.14	939.49	604.1	772.46	170.61	-1.13	-0.82
9.38	9.06	6.32	9.64	7.71	8.79	5.73	-1.03	0
13194.96	13088.63	183.47	14037.51	11251.51	12647.51	1433.98	-1.03	-0.87
15.61	12.32	4.66	12.21	12.22	12.22	3.48	-1.01	-0.36
18.61	21.53	4.34	29.14	17.08	23.16	7.49	1.08	0.48
37.79	41.68	7.86	45.96	38.12	42.13	6.61	1.01	0.68
61.43	59.68	5.12	95.71	89.28	92.84	4.95	1.56	1.32
14.24	10.23	5.12	7.93	6.73	7.12	2.24	-1.44	-0.25
75.33	59.84	15.69	32.06	14.62	23.41	10.06	-2.56	-1.18
59.57	59.84	4.94	82.26	39.53	61.41	22.68	1.03	0.4
48.54	30.28	18.32	15.28	37.7	26.53	11.47	-1.14	-0.01
188.79	188.22	8.35	146.61	136.91	142.79	8.85	-1.32	-1.17
584.3	600.71	22.41	585.5	801.47	692.25	109.65	1.15	0.85
21.44	19.95	3.86	28.22	27.2	27.73	4.36	1.39	0.93
138.2	149.99	13.14	158.84	261.14	208.2	52.85	1.39	0.8
1646.39	1611.9	55.12	2273.31	2800.62	2524.47	278.66	1.57	1.27
29.8	25.51	5.07	21.86	18.92	20.45	4.09	-1.25	-0.77

36.62	33.93	11.33	38.25	23.85	31.02	15.19	-1.09	-0.41
26.56	21.83	8.02	7.1	5.32	5.78	5.52	-3.77	-1
1729.67	1843.03	122.96	1567.31	1559.86	1563.93	55.45	-1.18	-1.04
6733.48	6724.93	96.14	6978.11	5863.88	6419.94	610.02	-1.05	-0.9
175.01	181.37	10.5	226.15	123.94	175.19	51.77	-1.04	-0.69
385.09	403	20.27	341.43	372.64	357.19	21.12	-1.13	-0.99
481.72	462.04	26.45	552.77	769.29	657.81	111.42	1.42	1.02
1343.75	1300.75	45.15	1510.63	1746.31	1624.89	122.1	1.25	1.08
1934.05	1924.43	18.81	1737.89	2683.11	2210.16	472.37	1.15	0.74
156.93	143.22	16.27	186.49	169.94	179.47	13.91	1.25	1.01
540.76	578.33	57.01	516.83	563.27	542.61	42.05	-1.07	-0.86
1142.06	984.69	157.13	1071.52	1017.5	1044.31	37.91	1.06	0.83
362.36	329.55	32.79	218.93	298.25	258.5	40.04	-1.27	-0.95
357.6	345.51	16.09	247.18	222.43	235.06	20.61	-1.47	-1.26
705.65	648.36	58.02	767.08	530.48	647.21	123.94	-1	-0.73
42.41	42.37	7.27	45.81	25.59	35.21	11.89	-1.2	-0.69
226.41	224.77	8.69	294.16	329.31	310.35	19.76	1.38	1.22
25.73	20.2	7.97	19.97	28.02	23.93	10.68	1.18	0.29
4.79	4.01	2.76	2.63	2.55	2.59	1.33	-1.55	0
1	1	1.16	1	1	1	0.98	1	0
232.56	229.02	11.41	149.95	101.75	125.99	26.13	-1.82	-1.34
35.61	28.98	8.53	27.25	11.63	19.22	8.52	-1.51	-0.64
77.84	73.68	10.13	98.98	78.52	89.28	12.96	1.21	0.86
107.92	108.43	4.24	90.63	111.1	100.35	11.44	-1.08	-0.9
24.8	28.23	6.11	26.16	23.35	25.04	4.32	-1.13	-0.68
27	19.4	7.96	6.55	2.68	4.16	4.12	-4.66	-1.07
169.05	165.09	9.84	143.27	94.9	118.55	26.49	-1.39	-1
401.38	386.25	17	551.33	651.51	600.16	52.07	1.55	1.31
2673.46	2540.02	134.81	2370.23	1741.53	2065.1	329.6	-1.23	-0.96
4.89	3.45	2.57	3.59	5.44	4.56	2.75	1.32	0.01
998.61	1027.16	32.69	752.21	1269.3	1009.03	259.88	-1.02	-0.71
12.53	14.98	4.5	28.62	41.74	35.37	6.77	2.36	1.36
63.98	58.87	8.62	45.93	79.7	62.8	17.68	1.07	0.55
50.11	44.47	7.78	37.12	33.63	35.83	3.98	-1.24	-0.85
17.54	19.49	3.74	18.85	30.23	24.7	5.98	1.27	0.71
1056.77	1099.22	52.52	1250.06	1968.48	1601.96	365.69	1.46	0.91

41.05	24.32	17.44	38.28	32.31	35.35	5.14	1.45	0.63
534.11	579.47	52.02	587.83	843.95	714.52	129.57	1.23	0.84
18.47	28.54	11.79	21.49	31.39	26.54	7.5	-1.08	-0.33
36.05	29.46	7.16	43.53	37.87	40.91	6.1	1.39	0.89
168.78	162.11	7.79	111.82	102.94	107.03	8.42	-1.51	-1.31
39.23	33.48	6.42	24.77	14.7	19.42	6.49	-1.72	-0.96
505.49	487.81	18.05	329.61	339.79	333.71	12.21	-1.46	-1.34
4597.43	4632.81	95.49	4503.35	4058.36	4291.58	271.07	-1.08	-0.97
41.25	45.29	7.22	35.66	41.45	38	6.57	-1.19	-0.8
129.27	93.18	38.21	106	68.96	86.12	22.79	-1.08	-0.34
1522.22	1446.02	80.96	1219.58	993.2	1106.86	118.44	-1.31	-1.08
442.91	406.68	37.43	438.29	375.25	407.22	37.33	1	0.81
46.83	44.81	7.84	54.7	61.84	58.34	11.7	1.3	0.81
232.59	213.65	19.99	247.62	231.54	240.2	14.72	1.12	0.94
517.07	583.31	68.26	614.45	788.93	701.86	87.23	1.2	0.9
62.59	47.35	16.56	37.53	27.37	33.01	11.29	-1.43	-0.55
537.71	549.36	16.89	449.47	508.5	475.66	36.43	-1.15	-1.01
1	1.88	1.95	1	1	1	1.61	-1.88	0
116.52	116.94	10.21	127.98	79.69	102.52	26.91	-1.14	-0.77
20.12	11.45	8.7	12.63	6.36	9.28	3.85	-1.23	0
68.34	70.3	10.01	53.44	36.7	45.14	13.12	-1.56	-0.97
168.22	164.82	7.19	161.65	105.71	134.19	28.8	-1.23	-0.9
1145.34	1113.65	41.65	1219.34	1251.47	1230.38	43.55	1.1	1.02
1122.94	1043.79	79.71	795.35	601.85	699.55	98.85	-1.49	-1.16
39.43	48.92	12.38	30.51	41.97	34.58	10.76	-1.41	-0.72
663.81	597.43	67.36	684.03	533	610.82	79.01	1.02	0.76
204.86	194.74	13.64	274.75	147.1	211.29	65.82	1.08	0.53
53.47	63.4	13.88	58	41.46	50.73	18.91	-1.25	-0.65
565.89	597.65	35.55	828	958.41	892.16	66.74	1.49	1.27
223.34	207.45	16.95	188.21	127.61	158.08	32.31	-1.31	-0.95
8.65	12.59	4.3	9.87	3.51	5.96	4.55	-2.11	-0.66
3.65	3.45	2.47	1.73	1.27	1.55	1.41	-2.23	0
83.81	77.33	8.76	63.38	50.1	56.11	9.97	-1.38	-0.99
10.05	12.09	5.63	4.95	8.1	6.85	3.94	-1.77	-0.37
862.31	855.56	14.43	660.2	544.03	602.9	59.77	-1.42	-1.22
71.75	80.58	12.65	77.12	167.67	122.03	46.21	1.51	0.56

1	3	3.55	4.91	4.63	4.76	1.98	1.59	0.33
8.45	14.23	7.3	13.66	9.44	11.37	8.18	-1.25	-0.18
697.22	603.58	93.53	588.72	390.98	490.87	105.66	-1.23	-0.81
23.47	24.5	5.7	25.67	22.48	24.24	8.37	-1.01	-0.52
112.16	101.77	12.28	96.94	52.11	75.19	23.4	-1.35	-0.84
58.84	59.15	4.96	60.35	69.06	64.65	6.59	1.09	0.87
281.74	272.14	12.76	178.69	98.03	138.54	42.41	-1.96	-1.29
7.57	8.35	1.82	2.33	10.75	6.31	4.54	-1.32	-0.53
2867.65	2937.57	81.03	2117.53	2565.06	2336.82	230.7	-1.26	-1.07
54.51	64.28	12.21	74.9	177.1	125.89	51.38	1.96	0.63
62.6	76.82	15.18	93.47	193.62	143.42	50.26	1.87	0.76
211.62	205.37	9.69	353.23	261.84	307.09	49.04	1.5	1.09
77.84	81.94	11.68	109.43	181.81	144.78	38.08	1.77	0.97
42.66	39.08	6.07	30.62	30.77	30.71	3.76	-1.27	-0.9
39.86	35.63	6.51	35.14	27.93	31.02	7.51	-1.15	-0.7
254.76	227.01	28.05	166.42	123.45	145.84	24.68	-1.56	-1.11
115.98	105.78	12.32	49.08	130.31	87.98	43.36	-1.2	-0.64
353.17	341.18	14.32	350.87	255.09	302.85	48.74	-1.13	-0.88
968.61	904.98	68.48	1147.88	695.89	919.42	232.13	1.02	0.59
79.47	83.54	6.39	60.83	30.89	45.99	16.19	-1.82	-1.13
470.4	455.14	16.11	438.27	420.13	431.01	15.24	-1.06	-0.97
34.85	28	8.22	22.93	32.38	27.02	6.4	-1.04	-0.5
259.87	257.1	8.13	217.65	149.82	183.91	34.81	-1.4	-1.06
39.27	30.19	9.71	40.06	33.16	37.36	10.51	1.24	0.59
79.55	89.26	11.57	43.89	29.45	36.09	9.15	-2.47	-1.62
1059.51	998.24	63.05	2209.68	2359.44	2283.68	101.92	2.29	2.02
408.78	407.74	7.26	191.13	136.85	163.84	29.24	-2.49	-1.92
24.67	24.7	3.83	5.21	2.38	3.56	3.36	-6.94	-2.57
305.59	290.97	17.21	559.32	507.68	533.02	35.95	1.83	1.58
376.42	380.71	14.45	1079.93	1192.06	1133.01	61.65	2.98	2.66
612.26	606.68	18.58	2020.97	2157.85	2089.66	70.42	3.44	3.19
2466.65	2461.35	50.57	1458.04	1107.39	1283.47	181.58	-1.92	-1.55
219.81	209.26	13.16	113.47	113.81	113.6	9.26	-1.84	-1.56
19.3	18.36	6.59	50.06	58.13	53.76	7.63	2.93	1.71
477.36	490.61	18.42	204.59	229.04	213.89	18.24	-2.29	-1.98
141.7	135.97	6.31	73.15	51.36	61.85	11.72	-2.2	-1.66

683.44	593.44	90.18	1805.76	1396.05	1601.78	210.36	2.7	1.94
15.11	11.13	5.63	35.83	36.1	35.96	3.55	3.23	1.71
14.84	16.49	4.4	49	41.81	45.56	4.36	2.76	1.84
478.33	447.41	33.05	237.47	112.79	175.64	64.31	-2.55	-1.56
36.5	36.43	1.6	10.7	8.93	10.15	5.08	-3.59	-1.96
947.07	945.78	27.51	1737.44	1613.05	1681.45	80.04	1.78	1.62
835.57	764.01	74.13	1526.93	1482.04	1502.57	74.8	1.97	1.66
1034.34	928.43	108.46	479.93	360.21	421.22	72.08	-2.2	-1.59
608.72	600.16	24.22	988.48	1054.6	1022.99	52.19	1.7	1.53
13.29	10.67	3.29	30.43	34.31	32.05	4.24	3	1.86
102.28	94.27	11.26	33.22	39.07	36.72	7.8	-2.57	-1.77
190.41	189.79	8.01	90.37	99.61	94.95	6.83	-2	-1.75
97.7	107.08	10.99	228.52	187.74	207.48	22.45	1.94	1.51
28.22	28.77	3.19	2.1	7.37	4.12	3.66	-6.98	-2.75
22.23	19.34	4.12	46.44	42.31	44.06	4.74	2.28	1.59
8251.6	8404.87	243.7	4018.14	3312.82	3666.03	451.65	-2.29	-1.89
1125.5	1076.71	52.3	615.73	633.28	625.08	27.99	-1.72	-1.54
45.03	40.43	6.21	12.56	6.77	10.24	5.6	-3.95	-1.94
869.48	816.97	54.26	470.42	410.95	442.06	35.5	-1.85	-1.56
38.46	33.82	5.09	13.04	8.63	10.71	4.22	-3.16	-1.77
67.34	70.27	4.26	34.99	28.15	31.32	4.62	-2.24	-1.76
83.04	82.17	6.63	153.82	141.47	147.05	9.03	1.79	1.52
999.45	909.94	89.76	2224.52	1975.72	2099.45	133.8	2.31	1.91
3.77	1.78	2.96	18.58	25.88	22.05	4.49	12.39	3.06
1403.43	1402.1	21.75	891.08	805.28	850.13	48.54	-1.65	-1.5
536.94	518.35	37.42	1220.3	1223.67	1221.97	71.53	2.36	2.03
621.71	598.08	44.93	1661.93	1549.67	1606.52	112.09	2.69	2.27
140.42	133.96	13.23	47.35	61.44	53.95	10.91	-2.48	-1.77
355.82	372.98	19.89	1267.78	1339.37	1307.49	40.12	3.51	3.18
419.21	403.12	17.65	243.75	197.57	220.54	26.07	-1.83	-1.51
796.92	793.22	22.52	1322.46	1399.97	1350.69	63.21	1.7	1.55
204.44	229.32	26.73	470.13	548.02	508.19	40.82	2.22	1.77
41.61	45.74	6.42	89.72	87.08	88.55	5.16	1.94	1.54
66.99	68.46	5.98	36.82	31.27	34.14	4.56	-2.01	-1.56
106.38	107.34	5.23	51.16	62.9	56.34	7.9	-1.91	-1.52
37.66	35.71	5.03	83.84	83.86	83.85	3.43	2.35	1.88

52.66	51.76	4.93	26.03	23.26	24.5	5.07	-2.11	-1.5
434.83	475.15	43.53	810.95	958.9	882.65	78.34	1.86	1.5
38.5	37.33	4.15	75.33	69.54	72.59	5.98	1.94	1.56
52.13	48.18	6.91	17.81	10.81	13.79	7.25	-3.49	-1.76
62.32	68.27	7.4	28.52	27.91	28.27	2.91	-2.41	-1.88
44.79	45.78	6.45	7.49	11.88	9.92	3.6	-4.62	-2.69
23.23	22.41	4.06	47	47.99	47.45	5.22	2.12	1.52
412.33	389.09	24	710.71	726.04	715.7	15.66	1.84	1.66
5.93	7.72	3.48	34.23	27.97	31.35	4.58	4.06	2.18
46.59	52.47	8.82	139.32	176.21	156.33	20.4	2.98	2.11
42.47	41.85	4.59	15.59	12.4	13.84	5.36	-3.02	-1.77
135.09	138.56	8.58	229.4	269.72	249.14	21.31	1.8	1.5
40.55	46.07	6.16	21.97	12.27	17.14	5.49	-2.69	-1.64
1948.5	1929.42	37.58	1611.67	1435.95	1526.25	94.62	-1.26	-1.14
89.12	92.78	8.92	60.95	73.05	67.08	7.35	-1.38	-1.09
164.08	166.06	13.67	229.97	299.75	264.17	38.13	1.59	1.18
2228.24	2160.51	78.73	4608.34	3713.91	4212.55	519.67	1.95	1.54
21.06	26.81	7.41	41.21	25.88	33.76	8.11	1.26	0.67
37.49	46.47	11.33	41.42	59.1	50.78	10.31	1.09	0.65
136.29	139.41	8.67	107.22	51.33	78.91	29	-1.77	-1.09
2078.79	2286.54	222.5	2968.59	3777.99	3363.02	424.75	1.47	1.12
47.99	48.17	4.33	129.76	171.77	149.42	22.88	3.1	2.25
32.33	21.44	11.98	8.7	15.81	12.84	4.79	-1.67	-0.13
41.24	38.81	5.22	30.35	30.38	30.36	5.45	-1.28	-0.89
1572.54	1200.58	371.46	2470.25	1104.56	1788.03	686.12	1.49	0.51
417.59	433.06	21.86	613.71	672.92	642.94	34.67	1.48	1.31
169.3	161.18	8.82	142.88	183.55	162.12	21.79	1.01	0.77
46.78	43.92	3.65	35.34	15.33	25.39	10.27	-1.73	-1.01
15.44	17.21	5.4	27.44	27.19	27.3	4.85	1.59	0.92
22.75	17.31	5.52	18.68	22.18	19.81	5.17	1.14	0.57
13.22	14.13	3.92	20.09	29.87	25.37	7.01	1.79	0.88
217.79	208.94	12.27	145.72	133.39	140.13	9.53	-1.49	-1.29
33.68	33.19	3.02	7.83	22.76	15.11	7.67	-2.2	-1.17
180.4	175.41	14.7	114.87	94.68	105.04	14.06	-1.67	-1.3
253.4	207.02	46.52	249.32	123.72	186.64	63.98	-1.11	-0.58
207.98	224.17	18.01	189.43	223.48	205.35	19.85	-1.09	-0.89

23.18	22.41	2.12	34.01	33.78	33.91	2.67	1.51	1.24
1351.8	1474.83	126.61	1564.5	1589.65	1572.85	50.44	1.07	0.92
20.09	26.19	6.62	14.85	36.2	25.61	10.83	-1.02	-0.48
147.26	158.22	12.97	266.7	326.16	295.97	31.46	1.87	1.49
448.24	455.88	13.48	471.5	366.56	418.64	54.68	-1.09	-0.89
8.56	10.75	3.08	16.79	15.89	16.3	4.68	1.52	0.72
29.79	31.32	3.86	25.38	19.76	22.56	3.41	-1.39	-1.01
32.64	33.5	3.58	42.76	25.2	33.8	9.95	1.01	0.51
14.1	16.12	3.59	8.14	29.58	18.68	11.19	1.16	0.02
5.41	11.64	7.77	2.39	2.96	2.64	2.15	-4.41	0
68.48	65.68	7.89	57.78	37.51	46.92	12.51	-1.4	-0.91
35.06	33.88	5.55	40.08	17.64	29.29	12.73	-1.16	-0.62
118.54	106.42	12.42	83.11	90.33	86.91	6.09	-1.22	-0.96
60.24	59.69	5.18	104	61.49	82.41	22.33	1.38	0.76
40.33	42.74	3.86	27.33	32.5	30.12	3.21	-1.42	-1.13
62.42	71.32	9.94	131.3	127.11	129.17	9.57	1.81	1.42
11.11	13.55	5.3	21.12	10.13	16.3	7.88	1.2	0.23
15.45	19.55	5.35	29.2	38.62	34.04	5.31	1.74	1.08
370.99	339.49	31.99	542.77	471.36	507.07	40.04	1.49	1.22
19.81	17.3	2.95	15.32	9.4	12.48	3.47	-1.39	-0.84
113.72	112.08	7.34	200.94	178.77	190.28	15.74	1.7	1.42
77.08	75.91	3.44	53.88	68.98	61.64	8.34	-1.23	-0.99
21.82	23.12	3.55	28.54	27.72	28.25	2.43	1.22	0.93
12.68	9.96	3.83	13.48	19.97	16.81	3.91	1.69	0.85
16.09	14.72	2.48	11.47	11.53	11.5	2.51	-1.28	-0.82
29.27	28.88	3.04	21.86	13.53	17.62	5.64	-1.64	-1.03
6.47	18.15	11.88	30.45	21.4	26.15	5.31	1.44	0.62
48.26	47.38	6.18	29.16	31.91	30.93	3.68	-1.53	-1.14
14.19	12.03	3.63	15.58	11.43	13.28	5.92	1.1	0.28
12.91	12.56	3.97	12.94	5.68	9.17	5.45	-1.37	-0.5
5.42	8.42	4.49	16.29	10.3	13.02	3.93	1.55	0.61
16.97	14.67	3.31	10.23	13.22	11.7	3.05	-1.25	-0.7
203.18	176.82	26.89	321.11	248.91	285.52	38.49	1.61	1.15
84.09	80.6	8.46	74.99	49.7	62.3	13.65	-1.29	-0.9
37.73	32.87	6.07	49.79	84.65	67.19	17.73	2.04	1.1
28.87	31.41	5.32	28.44	23.3	25.52	4.98	-1.23	-0.8

817.2	928.46	137.29	345.95	286.57	315.47	41.72	-2.94	-2.09
20.64	22.66	3.2	14.65	18.94	16.89	3.16	-1.34	-0.92
131.61	136.61	8.72	166.58	89.83	128.4	39.12	-1.06	-0.7
3.49	6.18	4.73	6.51	5.16	5.9	5.01	-1.05	0
161.61	153.84	11.07	118.62	73.33	96.42	24.29	-1.6	-1.1
66.18	68.12	6.46	35.88	46.38	40.35	6.93	-1.69	-1.25
70.71	80.45	12.04	143.8	111.43	126.6	20.32	1.57	1.08
12.41	15.57	4.61	22.29	31.12	27.14	5.62	1.74	0.98
14.28	7.62	6.68	13.41	10.75	12.13	1.54	1.59	0.63
52.11	51.8	3.67	49.23	72.56	61.05	12.03	1.18	0.79
22.97	14.82	8.69	19.31	34.73	27.6	9.24	1.86	0.66
16.24	18.07	2.57	21.25	11.04	16.35	5.75	-1.1	-0.65
35.66	39.46	4.3	28.65	7.87	18.44	10.75	-2.14	-1.06
60.72	56.02	6.32	47.48	35.54	41.48	7.46	-1.35	-0.97
30.02	34.92	6.11	41.5	28.74	36.32	8.22	1.04	0.61
5.36	7.56	5.53	8.54	5.22	6.81	4.31	-1.11	0
34.72	35.03	2.65	24.74	17.46	21.71	4.98	-1.61	-1.14
187.81	174.31	14.56	201.41	180.53	192.01	14.29	1.1	0.92
214.02	175.18	38.99	129.63	64.06	96.92	33.4	-1.81	-0.95
21.81	19.75	3.59	10.27	20.16	15.1	5.55	-1.31	-0.72
227.03	212.55	18.9	162.43	109.54	134.69	29.29	-1.58	-1.12
33.22	35.9	4	28.98	42.05	35.54	7.02	-1.01	-0.71
42.18	44.69	4.19	20.6	35.24	27.89	7.55	-1.6	-1.07
4.25	6.64	6.21	8.23	2.01	5.2	3.66	-1.28	0
18.04	22.48	4.97	33.46	8.32	21.95	14.63	-1.02	-0.43
10.82	12.02	3.06	15.8	12.63	14.21	2.63	1.18	0.71
14.29	11.35	3.66	17.02	8.88	12.65	5.44	1.12	0.31
52.23	29.44	22.78	23.71	22.74	23.35	1.75	-1.26	0
43.46	43.44	4.88	30.27	25.26	27.63	6.11	-1.57	-1.08
35.97	35.69	2.77	42.8	35.73	38.6	5.47	1.08	0.81
52.97	51.85	4.6	42.74	53.6	47.46	7.05	-1.09	-0.83
4.51	7.88	4.99	4.82	9.78	6.65	5.1	-1.18	0
19.03	27.33	9.24	24.52	24.23	24.44	3.44	-1.12	-0.49
17.66	21.36	4.19	32.94	31.97	32.5	3.2	1.52	1.09
4.04	4.33	3.74	2.97	10.11	5.58	6.24	1.29	0
62.79	63.58	2.3	49.12	40.36	45.47	6.39	-1.4	-1.13

17.73	14.38	3.59	19.88	21.08	20.35	4.85	1.42	0.78
42.32	42	3.1	21.36	40.9	31.09	9.79	-1.35	-0.87
61.63	58.73	5.38	58.73	58.46	58.61	7.65	-1	-0.78
782.99	680.86	102.17	686.15	215.64	450.93	236.52	-1.51	-0.76
1.53	10.05	9.47	1	2.41	1.51	1.92	-6.66	0
20.43	16.82	5.84	22.32	17.02	19.69	6.52	1.17	0.48
36.91	30.24	6.87	27.46	34.85	31.45	3.97	1.04	0.7
13.14	10.74	3.14	9.94	17.47	13.96	4.38	1.3	0.57
17.14	21.65	6.73	22.4	17.59	19.67	4.31	-1.1	-0.51
6.85	5.55	2.76	14.16	12.72	13.42	4.66	2.42	0.87
590.21	544.85	46.52	318.95	221.18	270.51	50.51	-2.01	-1.48
29.53	27.3	3.06	28.78	50.06	38.33	11.86	1.4	0.68
25.21	28.51	4.4	26.5	31.6	29.52	3.83	1.04	0.74
27.66	32.53	5.76	30.01	30.06	30.05	4.22	-1.08	-0.73
53.65	55.69	3.52	54.99	61.2	57.2	6.43	1.03	0.82
8.09	7.94	3.23	11.82	9.67	11.13	5.06	1.4	0.33
3.71	3.98	3.68	4.06	20.32	10.9	10.24	2.74	0
14.39	11.38	4.44	16.93	20.82	18.84	3.04	1.66	0.92
21.74	21.87	3.04	26.21	14.82	19.91	8.24	-1.1	-0.61
35.05	35.08	3.1	35.8	13.31	24.57	11.53	-1.43	-0.79
14.65	18.6	4.71	4.86	16.37	9.71	7.1	-1.92	-0.73
11.77	15.41	4.99	32.63	9.26	20.81	12.16	1.35	0.05
61.65	59.87	4.41	99.61	69.3	84.45	15.95	1.41	0.96
45.72	47.49	2.83	42.3	32.36	37.51	5.47	-1.27	-1
33.58	30.17	4.6	40.88	27.27	34.04	8.54	1.13	0.64
1.93	1.79	1.46	6.92	28.57	17.83	11.37	9.98	0
133.73	144.89	13.4	214.64	251.76	231.44	21.73	1.6	1.28
329.73	291.81	41.12	897.95	628.38	756.79	146.87	2.59	1.68

upper bound	difference of ı	t statistic	P value	filtered
-3.18	-78.32	-4.285	0.060063	*
-2.07	-192.91	-7.081	0.028925	*
3.84	540.45	6.717	0.039087	*
-2.28	-96.98	-6.843	0.02833	*
-5.8	-1040.18	-3.188	0.089591	*
-2.06	-174.83	-6.59	0.024945	*
2.13	472.74	1.064	0.468365	
1.63	134.92	0.37	0.751378	
1.67	143.6	0.536	0.668195	
1.74	375.77	0.529	0.665377	
1.58	666.7	4	0.094059	
2.7	180.19	1.273	0.416958	
-47.67	-2.54	-0.191	0.867543	
-2.12	-164.13	-1.247	0.415341	
-1.95	-157.28	-0.87	0.522659	
-1.65	-536.14	-1.546	0.267214	
-3.31	-55.49	-2.558	0.171441	
2.78	406.84	1.965	0.284988	

-4.27	-6.71	-1.37	0.330056
-2.31	-165.15	-4.722	0.06564
4.93	14.46	0.51	0.696408
-100000000	-15.96	-0.583	0.626767
1.56	14.41	0.322	0.78656
-3.65	-13.94	-0.479	0.704845
1.38	312.49	4.116	0.064521
-2.56	-52.98	-2.726	0.12385
1.69	173.83	1.158	0.388296
-2.71	-124.92	-0.913	0.499303
1.14	1.55	0.049	0.966418
1.35	99.5	0.885	0.49149
1.28	37.09	1.105	0.390705
-1.76	-300.92	-1.04	0.47854
2.09	16.26	0.25	0.84284
-1.41	-84.6	-1.556	0.290721
100000000	4.45	0.534	0.646957
-2.05	-28.16	-1.216	0.362151
-3.61	-66.46	-2.095	0.205057
1.74	6.44	0.337	0.769258
1.71	147.78	4.356	0.050191
-2.5	-3.99	-0.341	0.769258
-100000000	-16.99	-1.412	0.371063
1.98	18.87	1.238	0.347689
-1.43	-178.13	-5.056	0.040811
-1.3	-148.79	-4.22	0.060042
-4.87	-2.67	-0.275	0.809453
2.84	3.13	0.111	0.92523
-6.47	-376.28	-1.189	0.40822
-1.35	-1.38	-0.126	0.913502
-1.61	-299.9	-0.994	0.427529
-2.33	-13.84	-1.278	0.380447
-2.49	-17.48	-0.353	0.762156
-4.35	-116.78	-1.443	0.36215
-2.44	-77.22	-1.268	0.416575
-1.47	-80.96	-4.486	0.046502

1.87	78.32	4.684	0.042681
-1.3	-804.91	-2.231	0.174492
-1.81	-42.76	-2.149	0.18903
2.06	104.73	1.922	0.225984
-1.91	-34.22	-2.636	0.127958
-1.66	-53.86	-0.887	0.478073
-1.82	-52.99	-0.676	0.586588
1.36	4.87	0.279	0.808988
-100000000	-0.81	-0.206	0.85636
-4.3	-416.37	-3.922	0.105474
-3.04	-7.41	-0.594	0.622431
-2.01	-449.37	-0.594	0.62004
-1.31	-40.18	-0.543	0.641993
-6.89	-2.77	-0.234	0.836958
-11.53	-35	-1.005	0.459837
-2.42	-11.6	-1.129	0.403413
-2.38	-59.6	-0.858	0.51346
-100000000	-0.08	-0.009	0.993816
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1.12	0.69	0.031	0.978529
2.16	4.83	0.5	0.673893
1.68	12.65	0.382	0.761465
-2	-69.6	-0.948	0.469201
4.02	1.02	0.067	0.955973
-1.89	-49.2	-2.683	0.139784
-2.37	-8.22	-0.862	0.522389
-2.05	-119.57	-4.061	0.056019
2.09	4.42	0.577	0.648244
1.61	18.07	1.831	0.232059
7.56	6.96	0.537	0.674645
-3.55	-7.49	-0.423	0.729292
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-8.15	-0.77	-0.07	0.950632

1.59	203.81	2.209	0.255077
-2.41	-25.52	-0.779	0.519961
-2.48	-232.76	-0.478	0.690146
-1.14	-9.76	-0.153	0.892587
-2.54	-209.41	-1.02	0.418408
1.72	99.31	0.437	0.736882
1.45	66.64	0.913	0.458802
-1.21	-59.18	-0.777	0.55196
-2.25	-48.96	-2.076	0.237754
4	851.46	2.488	0.198171
-2.05	-248.97	-2.605	0.202467
-2.93	-146.51	-2.373	0.141463
1.99	315.13	0.827	0.556408
-1.33	-267.8	-2.012	0.235894
3.8	0.98	0.069	0.952526
2.9	5.54	0.486	0.682285
-4.84	-1.16	-0.114	0.919454
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1.93	1.63	0.188	0.871736
1.56	0.45	0.044	0.968851
1.85	33.16	4.654	0.043293
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-9.05	-36.43	-1.954	0.211493
1.69	1.57	0.067	0.956389
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-1.5	-45.43	-3.734	0.065158
1.47	91.54	0.818	0.554854
2.17	7.78	1.337	0.314619
2.04	58.21	1.069	0.462961
1.87	912.57	3.213	0.177432
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-1.28	-45.81	-1.565	0.258345
1.86	195.77	1.71	0.317756
1.42	324.14	2.49	0.198445
1.55	285.73	0.604	0.653643
1.59	36.25	1.693	0.235524
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1.45	59.62	0.369	0.769929
-1.77	-71.05	-1.373	0.307839
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1.56	85.58	3.965	0.103399
3.8	3.73	0.28	0.807649
-11.19	-1.42	-0.462	0.704117
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-2.78	-103.03	-3.614	0.11705
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1.69	15.6	0.949	0.447806
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1.81	213.91	3.905	0.125166
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4.89	20.39	2.509	0.147145
1.71	3.93	0.2	0.866066
-1.72	-8.64	-0.989	0.455781
2.1	5.21	0.739	0.549553
2.03	502.74	1.361	0.396842

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1.68	135.05	0.967	0.477541
-2.41	-2	-0.143	0.901348
2.41	11.45	1.218	0.350071
-1.77	-55.07	-4.799	0.041273
-3.98	-14.07	-1.541	0.263193
-1.59	-154.1	-7.071	0.027126
-1.21	-341.22	-1.187	0.414095
-1.79	-7.3	-0.748	0.533218
-2.33	-7.05	-0.159	0.89142
-1.62	-339.16	-2.364	0.158197
1.24	0.54	0.01	0.992839
2.03	13.53	0.961	0.450423
1.36	26.55	1.07	0.405112
1.6	118.55	1.07	0.402004
-3.64	-14.34	-0.716	0.556862
-1.33	-73.7	-1.835	0.257609
-100000000	-0.88	-0.348	0.762146
-2.03	-14.42	-0.501	0.688732
-4.95	-2.17	-0.228	0.849023
-3.07	-25.17	-1.525	0.275096
-1.91	-30.63	-1.032	0.47451
1.2	116.73	1.937	0.192596
-1.99	-344.24	-2.711	0.1188
-3.11	-14.34	-0.874	0.475766
1.35	13.39	0.129	0.90945
1.67	16.55	0.246	0.843833
-3.36	-12.68	-0.54	0.647287
1.74	294.51	3.895	0.091047
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-100000000	-6.62	-1.058	0.401282
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2.68	41.45	0.865	0.530285

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-2.46	-0.26	-0.025	0.982435	
-2.82	-26.57	-1.005	0.448302	
1.35	5.49	0.666	0.578558	
-3.97	-133.6	-3.016	0.172272	
-100000000	-2.04	-0.416	0.734991	
-1.51	-600.75	-2.457	0.204974	
3.71	61.61	1.167	0.435561	
3.41	66.59	1.268	0.39964	
1.92	101.72	2.035	0.276416	
2.77	62.84	1.578	0.330269	
-1.75	-8.37	-1.172	0.381628	
-2.03	-4.61	-0.464	0.689226	
-2.26	-81.16	-2.172	0.163996	
-6.37	-17.8	-0.395	0.7532	
-1.54	-38.34	-0.755	0.572866	
1.48	14.43	0.06	0.960952	
-4.34	-37.55	-2.158	0.22744	
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-1.95	-0.98	-0.094	0.933837	
-2.04	-73.19	-2.048	0.26958	
2.85	7.17	0.501	0.666434	
-4.37	-53.17	-3.603	0.074606	*
2.61	1285.45	10.726	0.015552	*
-3.53	-243.9	-8.095	0.062212	*
-100000000	-21.14	-4.145	0.055113	*
2.12	242.05	6.073	0.053925	*
3.31	752.3	11.88	0.041774	*
3.71	1482.98	20.361	0.021261	*
-2.5	-1177.88	-6.249	0.078818	*
-2.19	-95.65	-5.945	0.034726	*
7.27	35.4	3.513	0.074554	*
-2.7	-276.72	-10.675	0.008664	*
-3.21	-74.12	-5.57	0.053465	*

3.82	1008.34	4.406	0.091912	*
19.25	24.83	3.731	0.083774	*
5	29.06	4.695	0.042508	*
-6.43	-271.77	-3.759	0.098587	*
-20.37	-26.28	-4.929	0.097284	*
1.95	735.67	8.693	0.046755	*
2.38	738.56	7.013	0.019735	*
-3.2	-507.21	-3.895	0.074794	*
1.9	422.83	7.349	0.042839	*
6.23	21.38	3.983	0.063519	*
-4.08	-57.55	-4.202	0.063701	*
-2.31	-94.84	-9.005	0.013071	*
2.48	100.41	4.017	0.093583	*
-100000000	-24.64	-5.073	0.038177	*
3.6	24.72	3.933	0.060867	*
-2.89	-4738.84	-9.234	0.024955	*
-1.92	-451.63	-7.613	0.033804	*
-39.5	-30.2	-3.611	0.069959	*
-2.2	-374.9	-5.782	0.039796	*
-9.14	-23.11	-3.492	0.076711	*
-3.01	-38.95	-6.201	0.025435	*
2.12	64.88	5.794	0.0346	*
2.83	1189.51	7.383	0.02549	*
100000000	20.27	3.772	0.079255	*
-1.83	-551.98	-10.377	0.027844	*
2.76	703.62	8.716	0.028547	*
3.19	1008.44	8.351	0.042563	*
-3.81	-80	-4.665	0.046017	*
3.89	934.5	20.872	0.008676	*
-2.29	-182.58	-5.799	0.037997	*
1.86	557.47	8.308	0.047935	*
2.83	278.86	5.715	0.040527	*
2.55	42.81	5.201	0.0385	*
-2.66	-34.32	-4.563	0.05077	*
-2.5	-51	-5.384	0.044121	*
3.08	48.14	7.904	0.022183	*

-3.27	-27.26	-3.857	0.061206	*
2.3	407.5	4.547	0.069887	*
2.47	35.26	4.846	0.050011	*
-25.83	-34.39	-3.434	0.075587	*
-3.09	-40	-5.031	0.082667	*
-11.67	-35.86	-4.854	0.063024	*
3.12	25.03	3.784	0.069353	*
2.06	326.61	11.396	0.012721	*
15.92	23.63	4.11	0.061056	*
4.34	103.85	4.673	0.084525	*
-8.4	-28.01	-3.972	0.06021	*
2.13	110.57	4.813	0.086049	*
-5.79	-28.92	-3.506	0.073993	*
-1.41	-403.17	-3.96	0.110845	
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2.06	98.1	2.422	0.206819	
2.37	2052.04	3.904	0.151077	
2.5	6.95	0.632	0.592269	
1.96	4.32	0.282	0.804763	
-4.48	-60.5	-1.999	0.264909	
1.9	1076.49	2.245	0.193549	
4.09	101.25	4.349	0.131197	
-5.23	-8.6	-0.666	0.602935	
-1.91	-8.45	-1.12	0.379391	
3.51	587.45	0.753	0.54955	
1.68	209.87	5.121	0.050728	
1.26	0.94	0.04	0.973311	
-5.19	-18.52	-1.7	0.299638	
3.4	10.1	1.391	0.300081	
2.59	2.5	0.33	0.772846	
3.65	11.23	1.399	0.3269	
-1.73	-68.81	-4.428	0.052781	
-13.34	-18.08	-2.193	0.223372	
-2.21	-70.37	-3.46	0.07455	
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-1.35	-18.82	-0.702	0.555827	

1.86	11.5	3.374	0.083412
1.25	98.02	0.719	0.578426
-3.48	-0.59	-0.046	0.96816
2.32	137.75	4.048	0.105282
-1.39	-37.24	-0.661	0.61812
3.18	5.55	0.989	0.44043
-1.95	-8.75	-1.7	0.233168
1.57	0.3	0.029	0.980959
2.66	2.56	0.218	0.858278
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-1.52	-19.51	-1.411	0.334598
2.06	22.71	0.991	0.489852
-1.8	-12.62	-2.513	0.132608
2.41	57.85	4.193	0.052591
3.87	2.75	0.289	0.802973
3.29	14.49	1.922	0.194504
1.84	167.58	3.27	0.087496
-2.67	-4.82	-1.057	0.403816
2.01	78.2	4.504	0.083415
-1.6	-14.27	-1.581	0.311282
1.68	5.12	1.192	0.368789
4.78	6.86	1.254	0.336686
-2.12	-3.22	-0.914	0.45723
-3.5	-11.26	-1.757	0.257081
100000000	8	0.615	0.624187
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2.65	1.24	0.179	0.87762
-62.51	-3.39	-0.503	0.668878
12.72	4.6	0.77	0.522871
-2.37	-2.97	-0.66	0.577533
2.29	108.7	2.315	0.161373
-2.07	-18.31	-1.14	0.391557
3.41	34.32	1.831	0.280764
-1.94	-5.88	-0.807	0.504493

-4.08	-613	-4.272	0.116598
-2.04	-5.77	-1.281	0.328761
-2.14	-8.2	-0.205	0.869094
-100000000	-0.28	-0.041	0.971006
-2.75	-57.42	-2.151	0.216498
-2.42	-27.78	-2.931	0.099961
2.27	46.15	1.954	0.218483
3.59	11.57	1.592	0.256873
100000000	4.51	0.659	0.620347
1.6	9.25	0.736	0.579918
52.36	12.78	1.008	0.419955
-2.67	-1.72	-0.272	0.82037
-51.33	-21.02	-1.816	0.272424
-1.99	-14.54	-1.487	0.278479
1.65	1.4	0.137	0.904628
-100000000	-0.75	-0.107	0.924748
-2.62	-13.32	-2.359	0.180476
1.33	17.69	0.867	0.477303
-4.37	-78.26	-1.524	0.269697
-3.4	-4.65	-0.704	0.564687
-2.5	-77.86	-2.234	0.176247
-1.54	-0.35	-0.044	0.969839
-2.93	-16.8	-1.946	0.225476
-100000000	-1.44	-0.2	0.863926
-100000000	-0.53	-0.035	0.977195
2.15	2.19	0.542	0.64292
2.79	1.31	0.2	0.862385
-2.9	-6.08	-0.266	0.833923
-2.54	-15.81	-2.022	0.186758
1.39	2.91	0.475	0.695471
-1.49	-4.4	-0.522	0.66094
-100000000	-1.23	-0.172	0.879089
-1.88	-2.9	-0.294	0.809524
2.31	11.14	2.112	0.177785
100000000	1.25	0.172	0.882462
-1.83	-18.12	-2.667	0.185466

2.63	5.97	0.989	0.434323
-2.82	-10.91	-1.062	0.456579
-1.32	-0.12	-0.013	0.991067
-11.05	-229.93	-0.892	0.501765
-100000000	-8.54	-0.884	0.529919
3	2.86	0.327	0.775129
1.72	1.21	0.153	0.895443
2.81	3.22	0.598	0.616125
-2.02	-1.98	-0.248	0.830991
13.69	7.87	1.453	0.309521
-2.97	-274.33	-3.995	0.057961
2.23	11.03	0.901	0.518571
1.47	1.01	0.173	0.878524
-1.56	-2.48	-0.348	0.763708
1.26	1.51	0.206	0.860457
4.75	3.2	0.532	0.655913
100000000	6.92	0.637	0.620666
4.71	7.47	1.388	0.314267
-3.48	-1.96	-0.224	0.853638
-6.28	-10.51	-0.88	0.52524
-100000000	-8.89	-1.044	0.420076
3.72	5.4	0.411	0.73761
1.91	24.59	1.485	0.353463
-1.69	-9.97	-1.619	0.285605
1.77	3.87	0.399	0.738289
100000000	16.04	1.399	0.38959
1.99	86.55	3.39	0.098812
3.8	464.98	3.049	0.174008