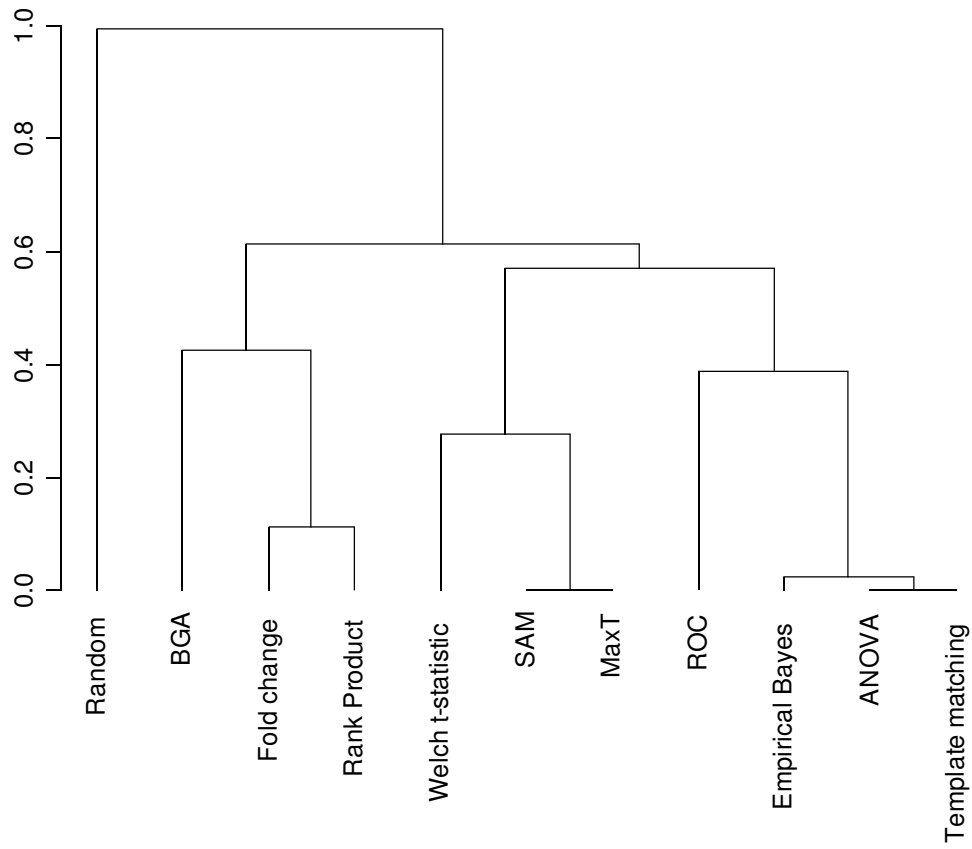
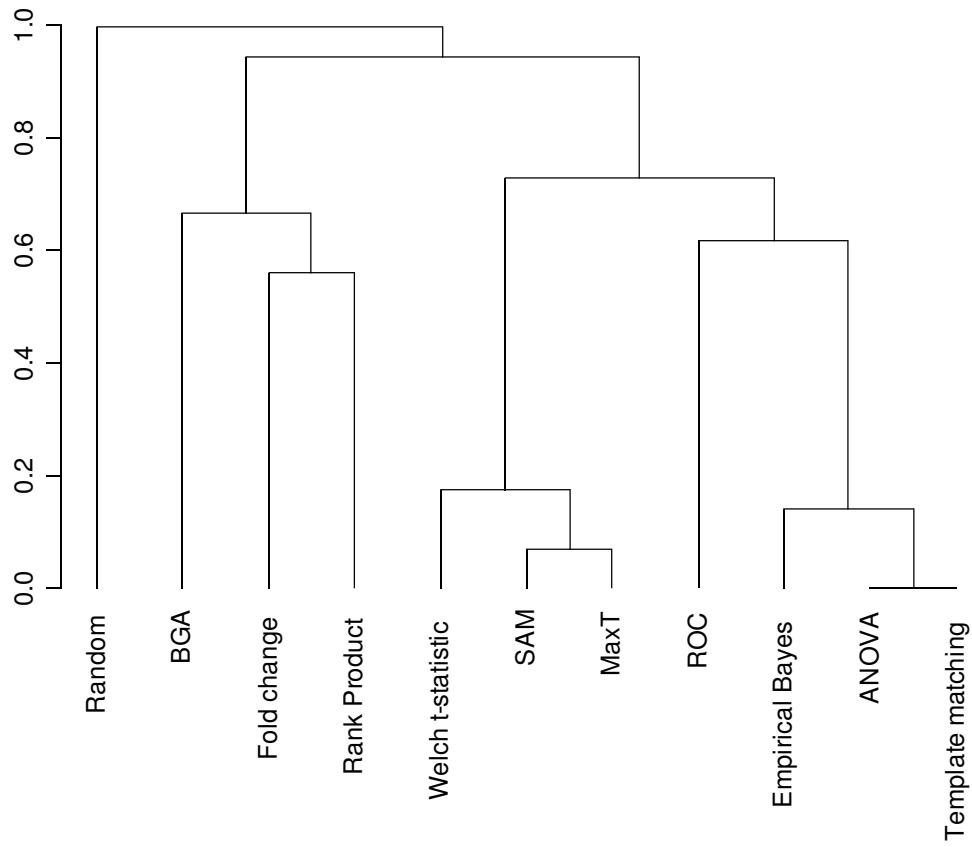


**ALL1, where n = 50%**



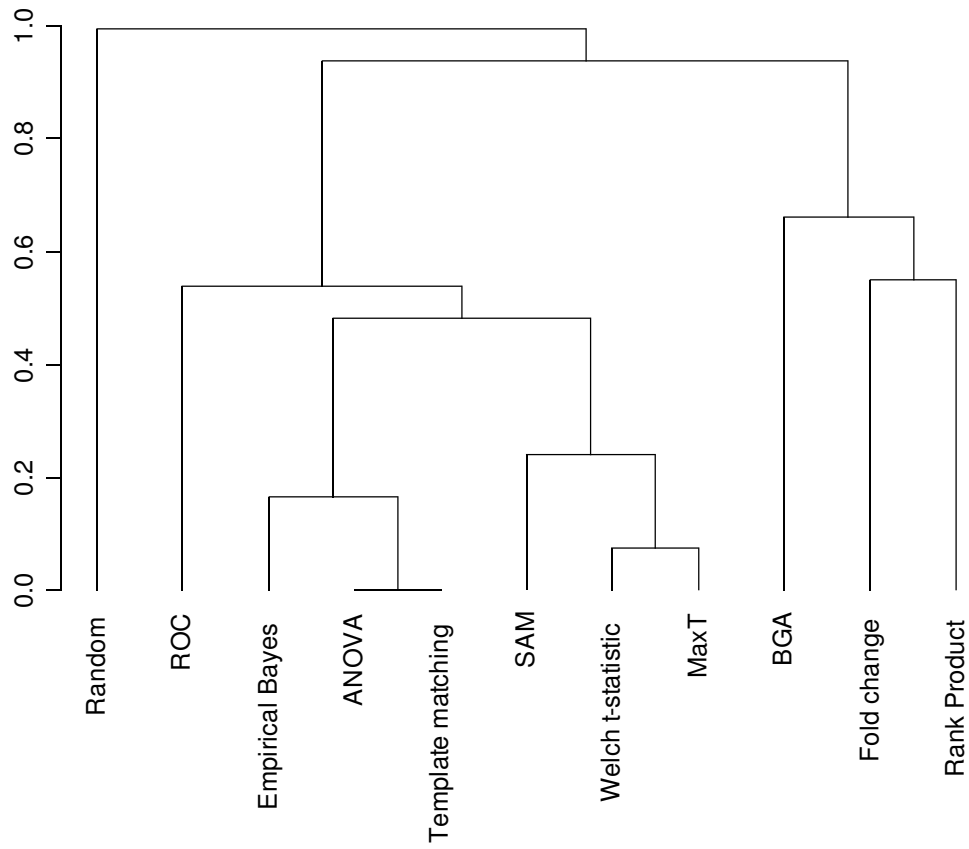
	BGA	SAM	ANOVA	Template matching	Welch t-statistic	Fold change	Empirical Bayes	MaxT	ROC	Rank Product
BGA	/	51.8	54.4	54.4	44.9	72.8	55	51.8	51.3	73.1
SAM	51.8	/	59.1	59.1	83.9	58.9	59.3	100	78.6	59.6
ANOVA	54.4	59.1	/	100	44.2	57.3	98.9	59.1	76	59.7
Template matching	54.4	59.1	100	/	44.2	57.3	98.9	59.1	76	59.7
Welch t-statistic	44.9	83.9	44.2	44.2	/	51.5	44.3	83.9	65	50.5
Fold change	72.8	58.9	57.3	57.3	51.5	/	58.1	58.9	56.3	94.1
Empirical Bayes	55	59.3	98.9	98.9	44.3	58.1	/	59.3	76	60.4
MaxT	51.8	100	59.1	59.1	83.9	58.9	59.3	/	78.6	59.6
ROC	51.3	78.6	76	76	65	56.3	76	78.6	/	58.1
Rank Product	73.1	59.6	59.7	59.7	50.5	94.1	60.4	59.6	58.1	/
Random	1	1	0.7	0.7	0.9	0.9	0.7	1	0.9	0.9

**ALL2, where n = 50%**



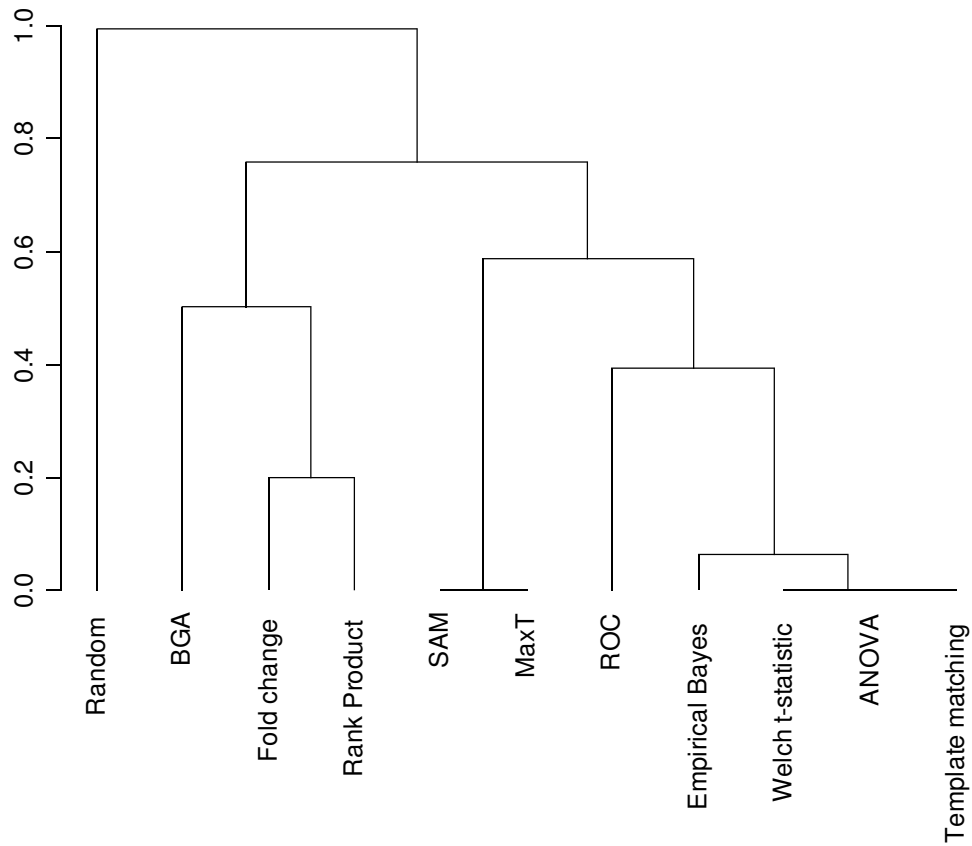
	BGA	SAM	ANOVA	Template matching	Welch t-statistic	Fold change	Empirical Bayes	MaxT	ROC	Rank Product
BGA	/	17.6	12.1	12.1	17.1	58.5	14.3	16.3	9.5	41.1
SAM	17.6	/	40.6	40.6	89.1	15.9	40.5	96.4	53.8	7.1
ANOVA	12.1	40.6	/	100	35	11.1	92.4	41.3	55.8	5
Template matching	12.1	40.6	100	/	35	11.1	92.4	41.3	55.8	5
Welch t-statistic	17.1	89.1	35	35	/	14.2	34.9	91.9	50.6	6.5
Fold change	58.5	15.9	11.1	11.1	14.2	/	12.7	14.2	9.8	61.3
Empirical Bayes	14.3	40.5	92.4	92.4	34.9	12.7	/	41.1	55	5.5
MaxT	16.3	96.4	41.3	41.3	91.9	14.2	41.1	/	56.1	6.5
ROC	9.5	53.8	55.8	55.8	50.6	9.8	55	56.1	/	5
Rank Product	41.1	7.1	5	5	6.5	61.3	5.5	6.5	5	/
Random	0.7	0.3	0.9	0.9	0.2	0.3	0.9	0.3	0.6	1

**ALL3, where n = 50%**



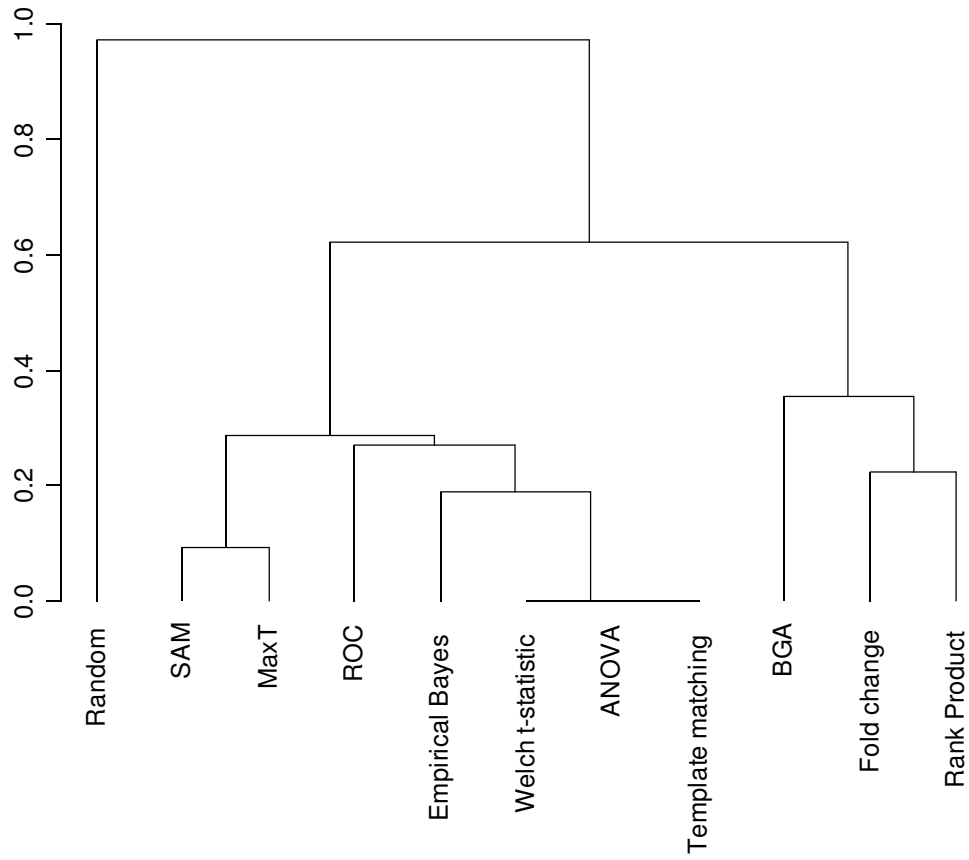
	BGA	SAM	ANOVA	Template matching	Welch t-statistic	Fold change	Empirical Bayes	MaxT	ROC	Rank Product
BGA	/	21.2	11.7	11.7	16.9	59.5	13.8	16.4	11.1	40.3
SAM	21.2	/	66.1	66.1	85	18	67.4	87.6	58.5	8.2
ANOVA	11.7	66.1	/	100	67.6	11.9	90.9	71.4	64.9	5.7
Template matching	11.7	66.1	100	/	67.6	11.9	90.9	71.4	64.9	5.7
Welch t-statistic	16.9	85	67.6	67.6	/	13.7	66.9	96.1	62.6	6
Fold change	59.5	18	11.9	11.9	13.7	/	14.9	13.6	10.4	62.1
Empirical Bayes	13.8	67.4	90.9	90.9	66.9	14.9	/	70.5	64.2	7.3
MaxT	16.4	87.6	71.4	71.4	96.1	13.6	70.5	/	63.4	6
ROC	11.1	58.5	64.9	64.9	62.6	10.4	64.2	63.4	/	5.3
Rank Product	40.3	8.2	5.7	5.7	6	62.1	7.3	6	5.3	/
Random	0.6	0.8	0.9	0.9	0.7	0.8	0.9	0.7	0.7	0.8

ALL4, where n = 50%



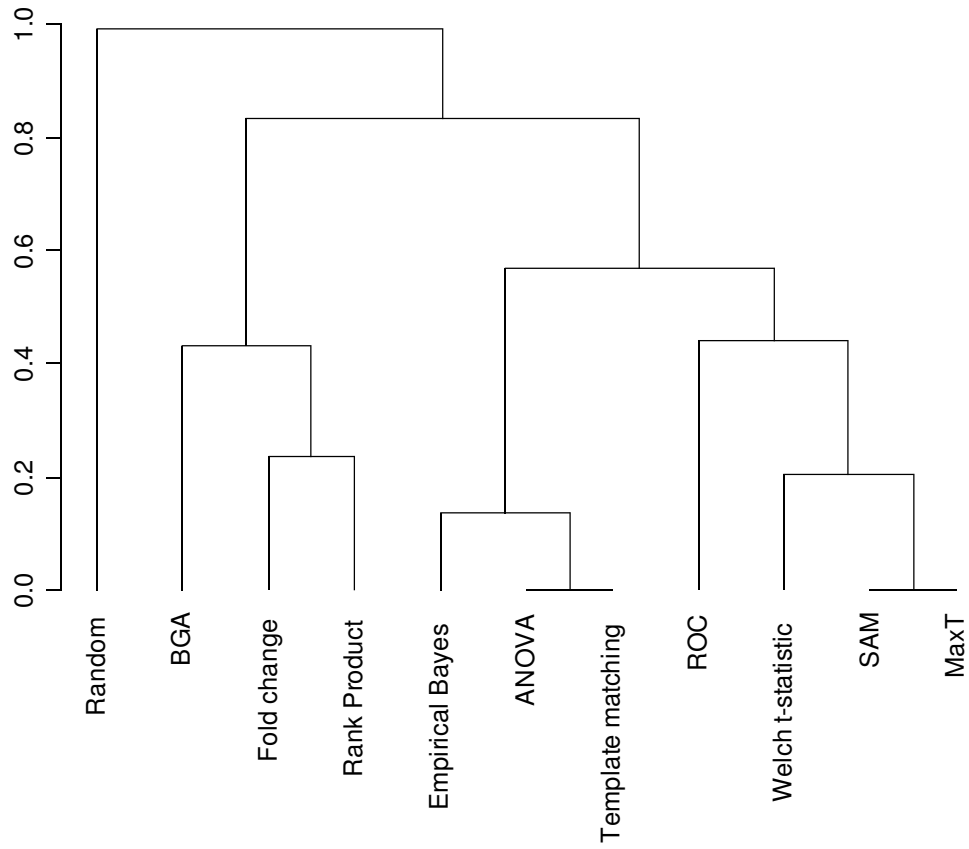
	BGA	SAM	ANOVA	Template matching	Welch t-statistic	Fold change	Empirical Bayes	MaxT	ROC	Rank Product
BGA	/	37.5	39.3	39.3	39.3	68.1	40.3	37.5	38.1	65.1
SAM	37.5	/	56.4	56.4	56.4	45.1	57.1	100	65	41.7
ANOVA	39.3	56.4	/	100	100	37.9	96.8	56.4	75.4	35.5
Template matching	39.3	56.4	100	/	100	37.9	96.8	56.4	75.4	35.5
Welch t-statistic	39.3	56.4	100	100	/	37.9	96.8	56.4	75.4	35.5
Fold change	68.1	45.1	37.9	37.9	37.9	/	39.3	45.1	38.2	88.9
Empirical Bayes	40.3	57.1	96.8	96.8	96.8	39.3	/	57.1	75.9	36.7
MaxT	37.5	100	56.4	56.4	56.4	45.1	57.1	/	65	41.7
ROC	38.1	65	75.4	75.4	75.4	38.2	75.9	65	/	36.2
Rank Product	65.1	41.7	35.5	35.5	35.5	88.9	36.7	41.7	36.2	/
Random	0.8	0.7	1	1	1	0.8	1	0.7	0.9	0.8

Colon, where n = 50%



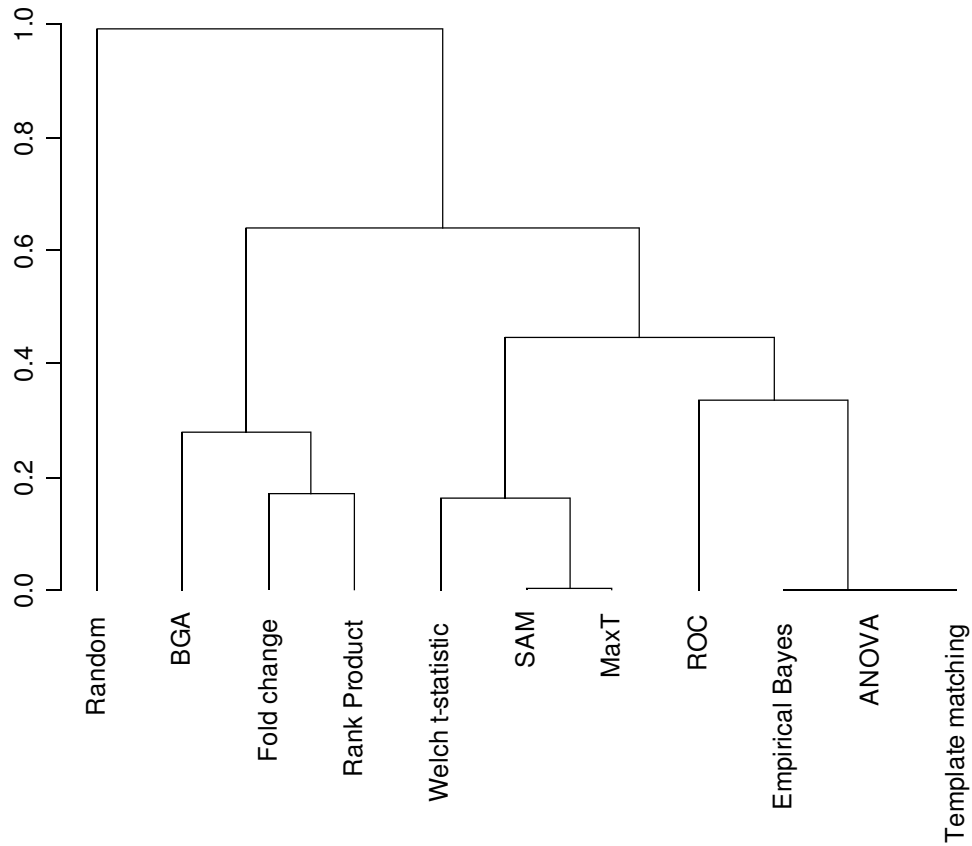
	BGA	SAM	ANOVA	Template matching	Welch t-statistic	Fold change	Empirical Bayes	MaxT	ROC	Rank Product
BGA	/	56.4	54.6	54.6	54.6	80.2	63	52.7	53.1	76.7
SAM	56.4	/	82.9	82.9	82.9	60.3	83.2	95.2	82.8	50.3
ANOVA	54.6	82.9	/	100	100	57.9	89.6	84.3	85.2	47.9
Template matching	54.6	82.9	100	/	100	57.9	89.6	84.3	85.2	47.9
Welch t-statistic	54.6	82.9	100	100	/	57.9	89.6	84.3	85.2	47.9
Fold change	80.2	60.3	57.9	57.9	57.9	/	66.7	56.2	56.7	87.4
Empirical Bayes	63	83.2	89.6	89.6	89.6	66.7	/	80.9	81.5	56.2
MaxT	52.7	95.2	84.3	84.3	84.3	56.2	80.9	/	84.2	46.4
ROC	53.1	82.8	85.2	85.2	85.2	56.7	81.5	84.2	/	46.9
Rank Product	76.7	50.3	47.9	47.9	47.9	87.4	56.2	46.4	46.9	/
Random	4.8	5.2	5.3	5.3	5.3	4.8	5.6	5.3	5.4	4.3

DLBCL, where n = 50%



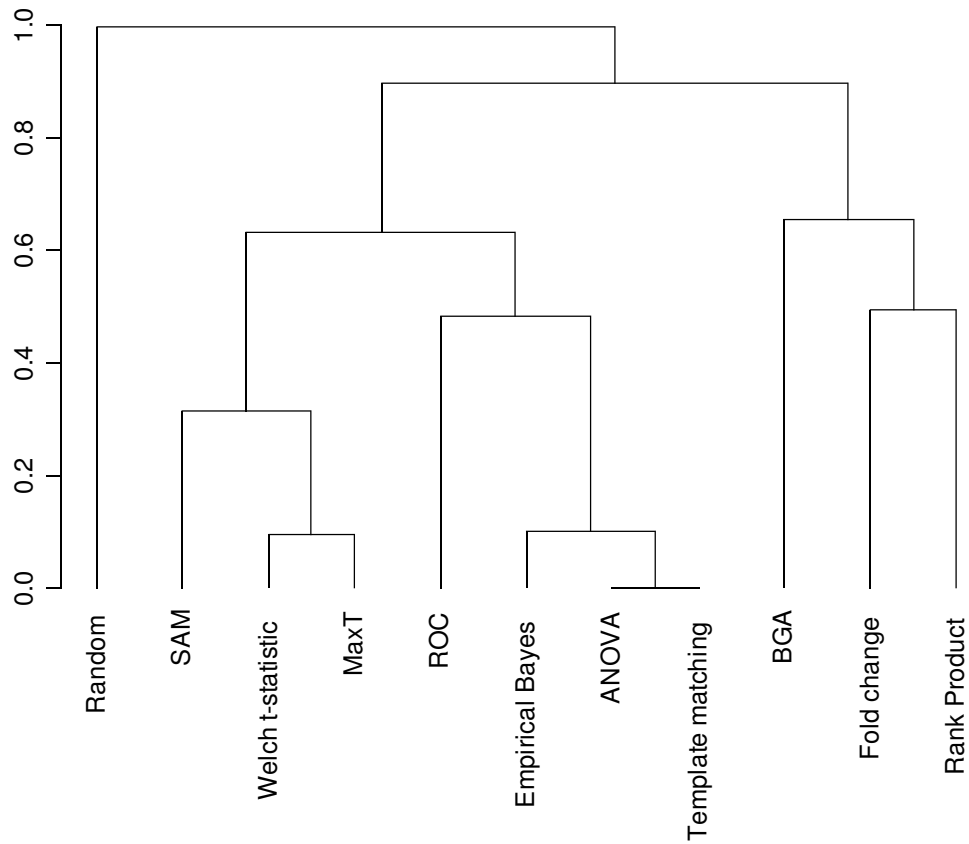
	BGA	SAM	ANOVA	Template matching	Welch t-statistic	Fold change	Empirical Bayes	MaxT	ROC	Rank Product
BGA	/	26.7	26.5	26.5	26.5	73.8	29.7	26.7	24.9	71.2
SAM	26.7	/	58.9	58.9	88.6	30.4	59.6	100	74.6	28.1
ANOVA	26.5	58.9	/	100	48.2	30.3	92.7	58.9	71.9	29.2
Template matching	26.5	58.9	100	/	48.2	30.3	92.7	58.9	71.9	29.2
Welch t-statistic	26.5	88.6	48.2	48.2	/	30.1	49.5	88.6	65.8	27.3
Fold change	73.8	30.4	30.3	30.3	30.1	/	33.4	30.4	27.6	86.6
Empirical Bayes	29.7	59.6	92.7	92.7	49.5	33.4	/	59.6	71.5	32
MaxT	26.7	100	58.9	58.9	88.6	30.4	59.6	/	74.6	28.1
ROC	24.9	74.6	71.9	71.9	65.8	27.6	71.5	74.6	/	25.6
Rank Product	71.2	28.1	29.2	29.2	27.3	86.6	32	28.1	25.6	/
Random	1.1	1	1.8	1.8	1	1.3	1.6	1	1.2	1.5

### Leukaemia, where n = 50%



	BGA	SAM	ANOVA	Template matching	Welch t-statistic	Fold change	Empirical Bayes	MaxT	ROC	Rank Product
BGA	/	49.3	54.6	54.6	44.2	85.1	54.6	49.3	46.4	82.5
SAM	49.3	/	72	72	91.2	53.5	72	99.8	79.3	52.1
ANOVA	54.6	72	/	100	63.4	59	100	72	79.9	56.2
Template matching	54.6	72	100	/	63.4	59	100	72	79.9	56.2
Welch t-statistic	44.2	91.2	63.4	63.4	/	48.6	63.4	91.2	72.8	47.2
Fold change	85.1	53.5	59	59	48.6	/	59	53.5	52.8	90.7
Empirical Bayes	54.6	72	100	100	63.4	59	/	72	79.9	56.2
MaxT	49.3	99.8	72	72	91.2	53.5	72	/	79.2	52.1
ROC	46.4	79.3	79.9	79.9	72.8	52.8	79.9	79.2	/	50.7
Rank Product	82.5	52.1	56.2	56.2	47.2	90.7	56.2	52.1	50.7	/
Random	1.3	1.4	1.2	1.2	1.3	1.4	1.2	1.4	1	1.4

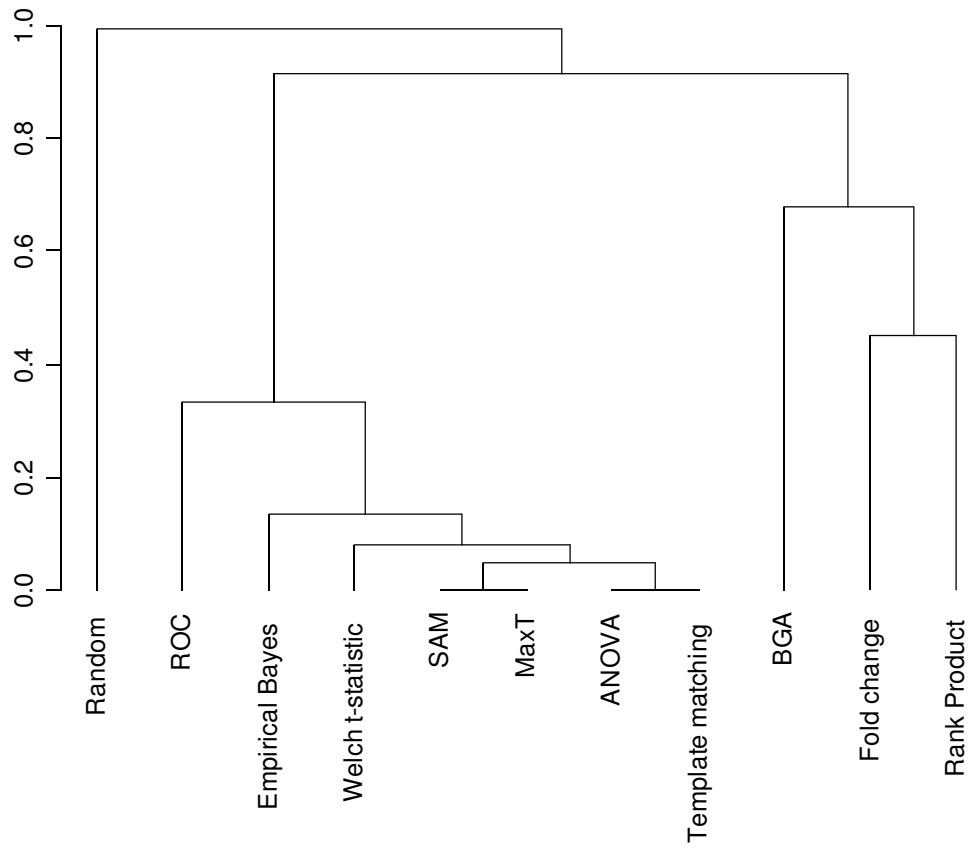
### Myeloma, where n = 50%



	BGA	SAM	ANOVA	Template matching	Welch t-statistic	Fold change	Empirical Bayes	MaxT	ROC	Rank Product
BGA	/	23	17	17	15.7	56.8	19	16.3	14.4	45.6
SAM	23	/	52.4	52.4	80.8	31.5	53.5	82	62.1	16.8
ANOVA	17	52.4	/	100	48.2	26.3	94.7	52.8	68.5	12.2
Template matching	17	52.4	100	/	48.2	26.3	94.7	52.8	68.5	12.2
Welch t-statistic	15.7	80.8	48.2	48.2	/	20.3	47.6	95	59.8	10.7
Fold change	56.8	31.5	26.3	26.3	20.3	/	28.5	21.6	22.7	67.1
Empirical Bayes	19	53.5	94.7	94.7	47.6	28.5	/	52.1	67.4	13.8
MaxT	16.3	82	52.8	52.8	95	21.6	52.1	/	63.6	11.3
ROC	14.4	62.1	68.5	68.5	59.8	22.7	67.4	63.6	/	10.7
Rank Product	45.6	16.8	12.2	12.2	10.7	67.1	13.8	11.3	10.7	/
Random	0.5	0.4	0.8	0.8	0.4	0.9	0.7	0.4	0.4	0.9



Prostate, where n = 50%



	BGA	SAM	ANOVA	Template matching	Welch t-statistic	Fold change	Empirical Bayes	MaxT	ROC	Rank Product
BGA	/	18.9	19.2	19.2	17.9	47.7	20.9	18.9	19.9	49.7
SAM	18.9	/	97.5	97.5	95.8	12.7	93.5	100	80.4	15.6
ANOVA	19.2	97.5	/	100	95.8	12.8	93.2	97.5	80.1	15.8
Template matching	19.2	97.5	100	/	95.8	12.8	93.2	97.5	80.1	15.8
Welch t-statistic	17.9	95.8	95.8	95.8	/	12.1	90.5	95.8	79.2	14.7
Fold change	47.7	12.7	12.8	12.8	12.1	/	14	12.7	12	71
Empirical Bayes	20.9	93.5	93.2	93.2	90.5	14	/	93.5	79.3	17.3
MaxT	18.9	100	97.5	97.5	95.8	12.7	93.5	/	80.4	15.6
ROC	19.9	80.4	80.1	80.1	79.2	12	79.3	80.4	/	13.4
Rank Product	49.7	15.6	15.8	15.8	14.7	71	17.3	15.6	13.4	/
Random	1.1	1.2	1.1	1.1	1.2	0.9	1.1	1.2	1	1