Data analysis results

MCL Data
number of genes=2000;

The kendall tau correlation of rank

	nonpar	Cox	aft	additive
nonpar	1	0.604	0.546	0.603
Cox		1	0.587	0.902
aft			1	0.576
additive				1

Number of genes identified with FDR=0.1

	nonpar	Cox	aft	additive
nonpar	88	52	0	23
Cox		61	0	24
aft			0	0
additive				25

Consider the top 100 genes selected by nonpar;
calculate the number of genes also in top 100 under other approaches

Cox	aft	additive
69	54	72

DLBCL Data
number of genes=2000;

The kendall tau correlation of rank

	nonpar	Cox	aft	additive
nonpar	1	0.397	0.293	0.394
Cox		1	0.631	0.932
aft			1	0.637
additive				1

Number of genes identified with FDR=0.1

	nonpar	Cox	aft	additive
nonpar	0	0	0	0
Cox		15	0	4
aft			0	0
additive				4

Consider the top 100 genes selected by nonpar;
calculate the number of genes also in top 100 under other approaches

Cox	aft	additive
56	26	47

FL Data
number of genes=2000;

The kendall tau correlation of rank

	nonpar	Cox	aft	additive
nonpar	1	0.536	0.354	0.545
Cox		1	0.466	0.912
aft			1	0.444
additive				1

Number of genes identified with FDR=0.1

	nonpar	Cox	aft	additive
nonpar	1	0	0	0
Cox		0	0	0
aft			0	0
additive				0

Consider the top 100 genes selected by nonpar;
calculate the number of genes also in top 100 under other approaches

Cox	aft	additive
55	32	61

Breast Cancer Data in van't Veer et al.
number of genes=2000;

The kendall tau correlation of rank

	nonpar	Cox	aft	additive
nonpar	1	0.589	0.558	0.603
Cox		1	0.646	0.832
aft			1	0.687
additive				1

Number of genes identified with FDR=0.1

	nonpar	Cox	aft	additive
nonpar	18	1	10	1
Cox		3	1	0
aft			51	1
additive				1

Consider the top 100 genes selected by nonpar;
calculate the number of genes also in top 100 under other approaches

Cox	aft	additive
60	48	71

Breat Cancer Data in Sorlie et al.
number of genes=2000;

The kendall tau correlation of rank

	nonpar	Cox	aft	additive
nonpar	1	0.632	0.377	0.602
Cox		1	0.359	0.848
aft			1	0.372
additive				1

Number of genes identified with FDR=0.1

	nonpar	Cox	aft	additive
nonpar	20	5	1	1
Cox		6	0	0
aft			5	0
additive				1

Consider the top 100 genes selected by nonpar;
calculate the number of genes also in top 100 under other approaches

Cox	aft	additive
70	43	65

Breast Cancer Data in Huang et al.
number of genes=2000;

The kendall tau correlation of rank

	nonpar	Cox	aft	additive
nonpar	1	0.666	0.507	0.664
Cox		1	0.567	0.888
aft			1	0.572
additive				1

Number of genes identified with FDR=0.1

	nonpar	Cox	aft	additive
nonpar	14	7	0	0
Cox		11	0	0
aft			0	0
additive				0

Consider the top 100 genes selected by nonpar;
calculate the number of genes also in top 100 under other approaches

Cox	aft	additive
68	49	69

Breast Cancer Data in Sotiriou et al
number of genes=2000;

The kendall tau correlation of rank

	nonpar	Cox	aft	additive
nonpar	1	0.577	0.406	0.575
Cox		1	0.447	0.892
aft			1	0.465
additive				1

Number of genes identified with FDR=0.1

	nonpar	Cox	aft	additive
nonpar	4	1	0	0
Cox		1	0	0
aft			0	0
additive				1

Consider the top 100 genes selected by nonpar;
calculate the number of genes also in top 100 under other approaches

Cox	aft	additive
73	49	72