

## S2 Appendix

### AUC values based on 5-fold cross-validations for "glmnet"

- 1) 5\*100 cross-validations were done, a descriptive statistics of these results are presented.
- 2) 2-4<sup>th</sup> comparisons means given biomarkers + CA125.

#### AUC

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
CA125	0.4167	0.8000	0.8964	0.8708	0.9583	1	0
SiaTn	0.6250	0.9167	0.9667	0.9518	1.0000	1	0
6.O.Su.TF	0.5833	0.8750	0.9583	0.9251	1.0000	1	0
both	0.6667	0.9405	1.0000	0.9618	1.0000	1	0

#### Comparisons all against all

*P*-value adjustment: bonferroni

Upper diagonal: estimates of the difference

Lower diagonal: *p*-value for H0: difference = 0

#### ROC

	CA125	SiaTn	6.O.Su.TF	both
CA125		-0.081067	-0.054326	-0.091019
SiaTn	< 2.2e-16		0.026740	-0.009952
6.O.Su.TF	< 2.2e-16	4.397e-09		-0.036693
both	< 2.2e-16	0.03235	2.138e-15	