

	GSE1456	GSE1992	GSE4335	Vijver	GSE2034	GSE2990	GSE4922	Merged-zscore*
GSE1456	NA	0.70	0.67	0.76	0.71	0.78	0.73	0.74
GSE1992	0.58	NA	0.62	0.68	0.56	0.62	0.59	0.59
GSE4335	0.65	0.70	NA	0.68	0.65	0.58	0.65	0.61
Vijver	0.68	0.64	0.65	NA	0.66	0.68	0.67	0.69
GSE2034	0.58	0.56	0.51	0.60	NA	0.62	0.58	0.59
GSE2990	0.71	0.70	0.61	0.73	0.64	NA	0.67	0.72
GSE4922	0.65	0.57	0.59	0.66	0.63	0.65	NA	0.64

Table S4: Cross-data set performance of breast cancer predictors trained on the individual and combined data sets (normalized by Z-score normalization) with respect to RFS. Significant AUC (> 0.60) are shown in bold. The training sets are listed in the column header and the testing sets are indicated in the row header of the table. Merged-zscore refers to the data set merged from the individual data set, each normalized separately by Z-score normalization. * indicates that the predictor was trained from all data sets except the testing set. NA stands for Not Available.