

Table 13: Top Selected Features ordered by decreasing absolute values of the coefficients in the model123(p) obtained for $\alpha = 0.3$.

Selected Feature	Coefficient	Selected Feature	Coefficient
age	1.96039	IGFBP2	1.39538
radiation_therapy	0.97998	SERPINE1	0.91318
Cyclin_B1 (Protein)	0.801338	MYC	0.77036
ACACB	0.757006	EGFR	0.62966
ERBB2	0.60556	IGFBP2 (Protein)	0.57751
ASNS (Protein)	0.49724	PRDX1	0.47711
PEA15	0.45369	CCNB1	0.44977
CCNE2	0.44824	CAV1	0.44646
4E-BP1_pT37_T46 (Protein)	0.41698	HER2 (Protein)	0.38979
Bax (Protein)	0.38663	KIT	0.37038
ETS1	0.36575	eIF4G (Protein)	0.35113
GATA3	0.34921	AR	0.349097
AR (Protein)	0.34650	YAP (Protein)	0.33652
ITGA2	0.33134	c-Kit (Protein)	0.32613
PRKCB	0.32030	WWTR1	0.314795
TFRC (Protein)	0.31416	PRKCA	0.30524
TFRC	0.30281	Cyclin_D1 (Protein)	0.28915
HSPA1A	0.28803	MET	0.17409