

Supplementary Table S3

Multivariable Cox regression analysis of potential predictor variables and time-to-progression

Variable	Category	HR	95% CI	P
<MODEL 1>				0.070
Age, years	continuous variable	1.035	(0.981-1.093)	0.203
Histologic grade (WHO 1973)	Grade 3 vs. grade 1-2 (Ref.)	2.620	(0.686-10.012)	0.159
HER2 amplified by FISH	Amplified vs. non-amplified (Ref.)	2.045	(0.399-10.474)	0.391
<MODEL 2>				0.002*
Age, years	continuous variable	1.040	(0.981-1.103)	0.193
Histologic grade (WHO 1973)	Grade 3 vs. grade 1-2 (Ref.)	1.467	(0.455-4.731)	0.522
Chromosome 17 polysomy	≥2.25 vs. <2.25 signal/cell (Ref.)	6.433	(1.776-23.307)	0.005*
<MODEL 3>				0.008*
Age, years	continuous variable	1.029	(0.971-1.091)	0.337
Histologic grade (WHO 1973)	Grade 3 vs. grade 1-2 (Ref.)	1.926	(0.551-6.737)	0.305
Chromosome 17 high polysomy	≥3.45 vs. <3.45 signal/cell (Ref.)	5.012	(1.363-18.432)	0.015*
<MODEL 4>				0.002*
Age, years	continuous variable	1.048	(0.990-1.110)	0.106
Histologic grade (WHO 1973)	Grade 3 vs. grade 1-2 (Ref.)	1.884	(0.620-5.726)	0.264
Distinct highly polysomic cell population	Yes vs. No (Ref.)	6.179	(1.598-23.894)	0.008*

HR: hazard ratio; CI: confidence interval