

Supplementary Table 2: Summary of model comparison between Semi parametric and parametric Cox-regression model using log-likelihood, AIC, and BIC criteria

Methods	Cox-model	Weibul	Exponential	Gompertz	Lognormal	Log-logistic
Log-likelihood	-168.36	-139.6	-139.62	-138.43	-141.27	-139.96
AIC	294.64	240.79	238.94	236.02	238.19	240.53
BIC	355.28	309.52	303.62	304.74	306.92	309.26

* Akakie Information Criterion (AIC), Bayesian Information Criterion (BIC)