

## Supplementary Materials - BIC for different models including baseline SOFA score and some covariates

Table S2 : Bayesian information criteria (BIC) for different joint models including the baseline SOFA and some baseline covariates in the survival part.

<b>Covariates included</b>	<b>BIC*</b>
$\emptyset$	31 327
Age	31 273
Gender	31 338
Comorbidities	31 332
Age + Gender	31 284
Age + Comorbidities	31 293
Gender + Comorbidities	31 344
Age + Gender + Comorbidities	31 304

\*Computed on the training data set.