cp decomposition Breast 73 train rank9

VIVI TANG

17/11/2021

1. Kmeans

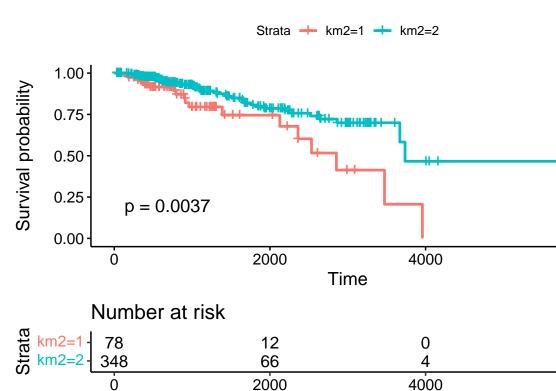
Warning: package 'lattice' was built under R version 3.6.2

Warning: package 'survival' was built under R version 3.6.2

Warning: package 'survminer' was built under R version 3.6.2

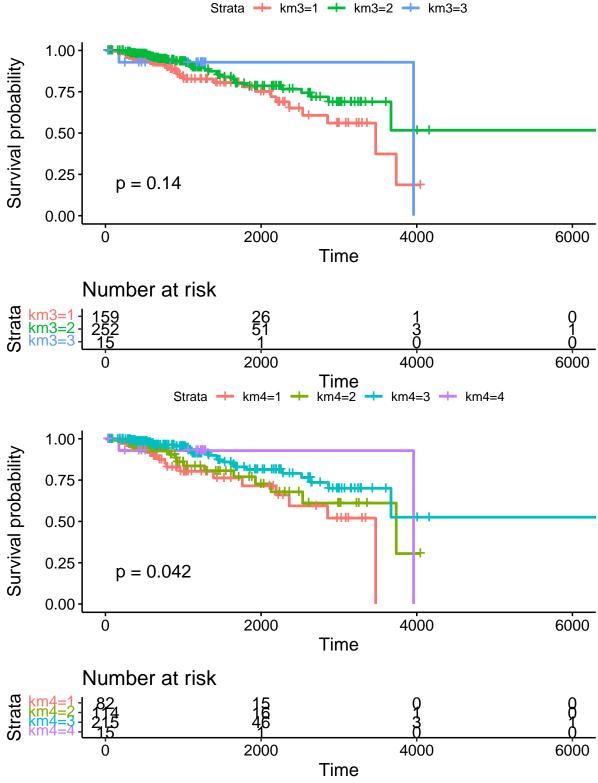
Warning: package 'ggplot2' was built under R version 3.6.2

Warning: package 'ggpubr' was built under R version 3.6.2



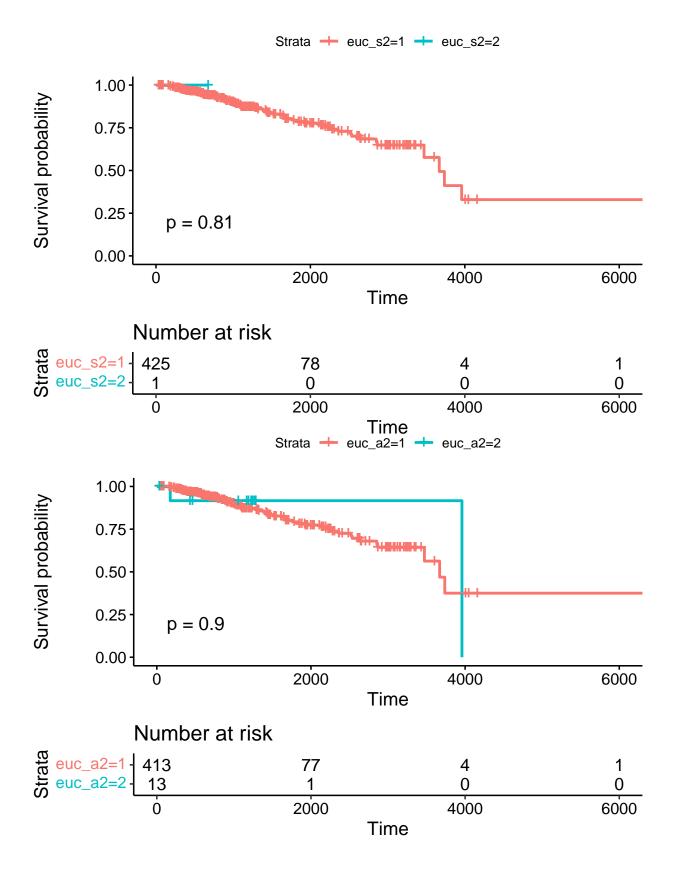
Time

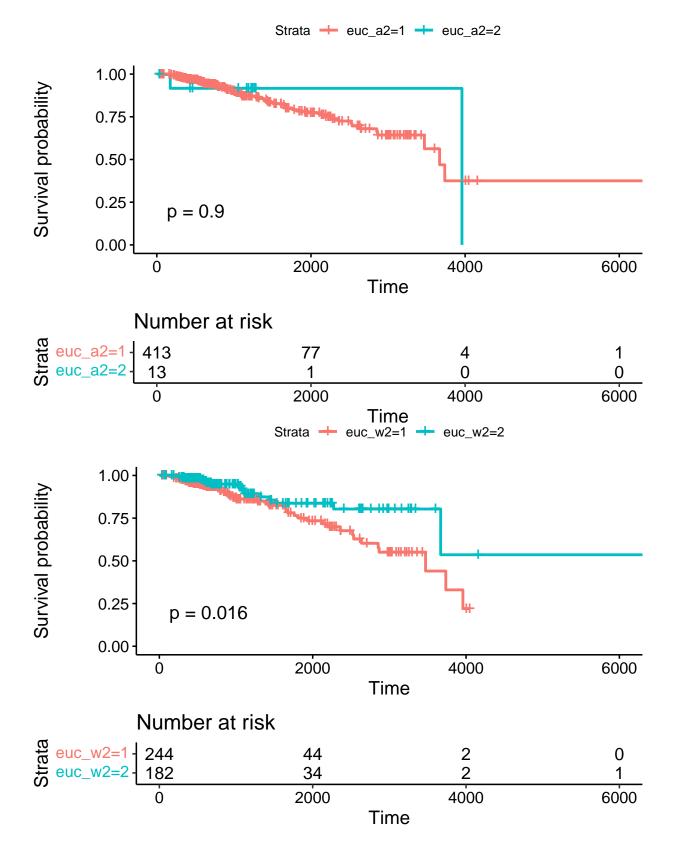
3. Fit the results of Kmeans

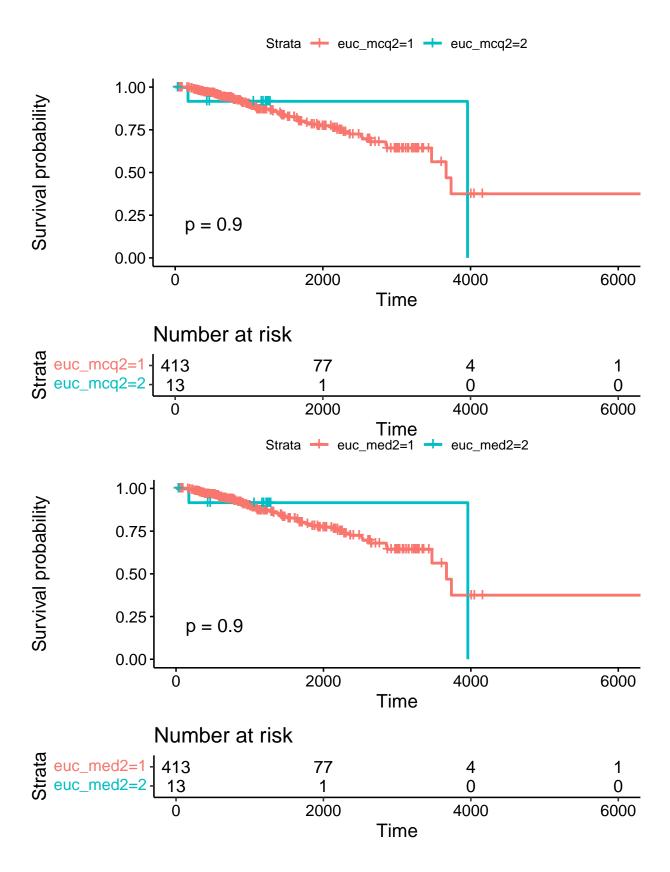


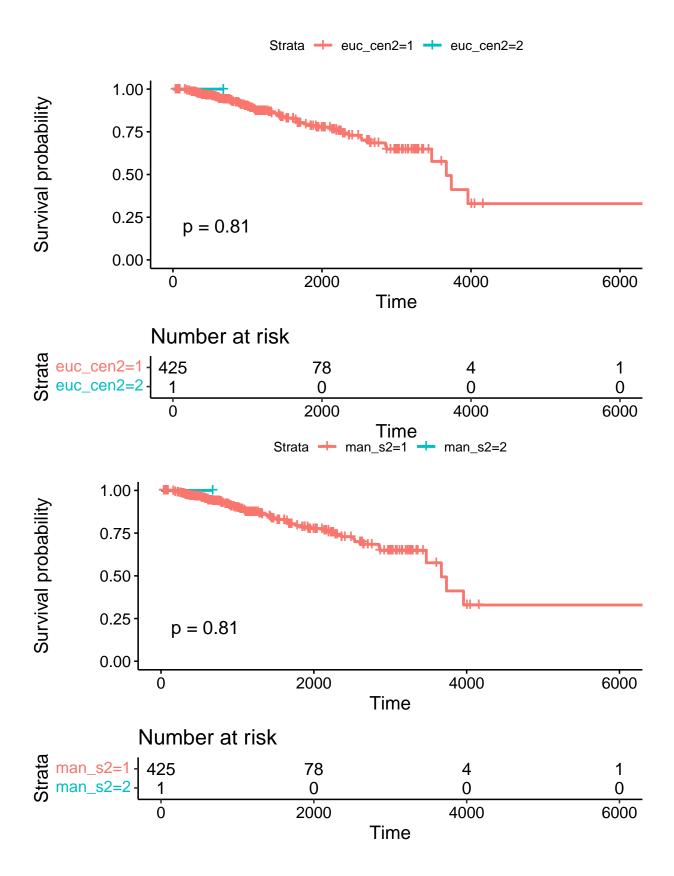
4. Hierarchical Clustering

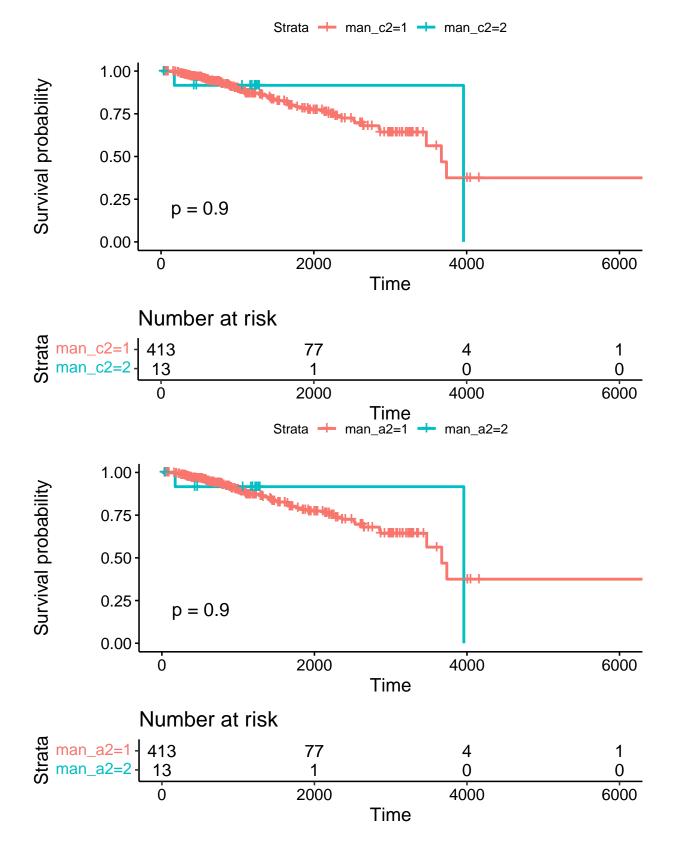
Warning: package 'proxy' was built under R version 3.6.2

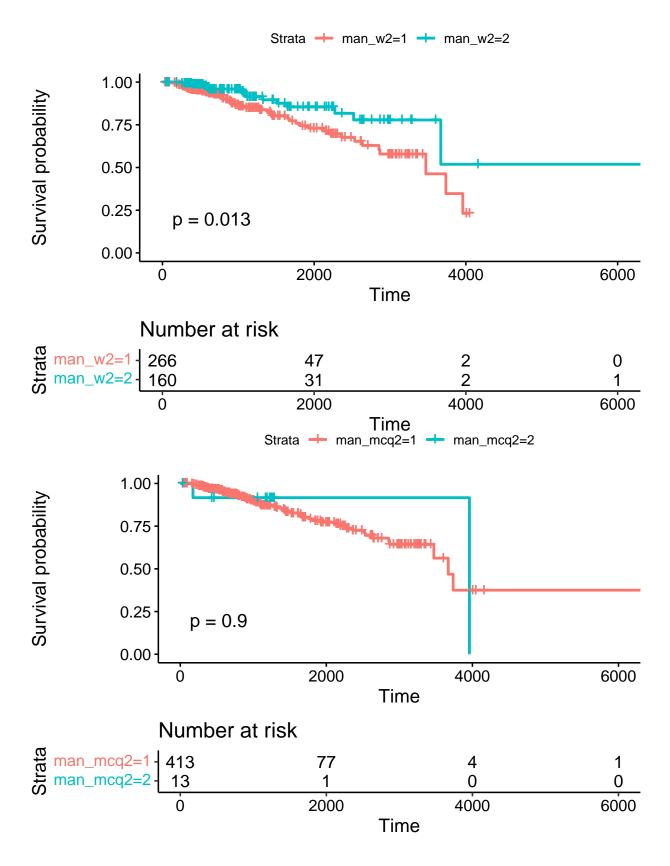


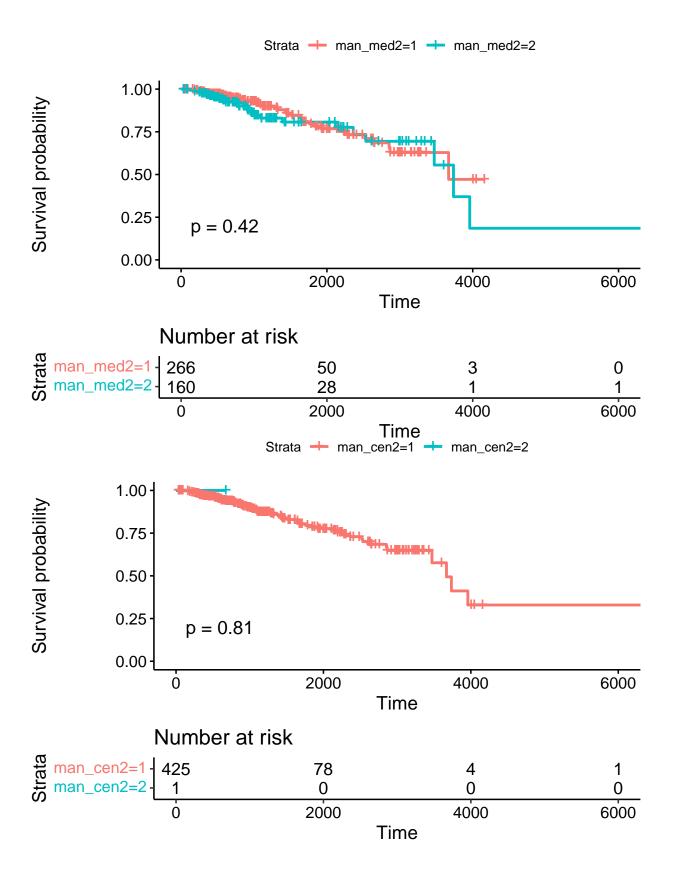


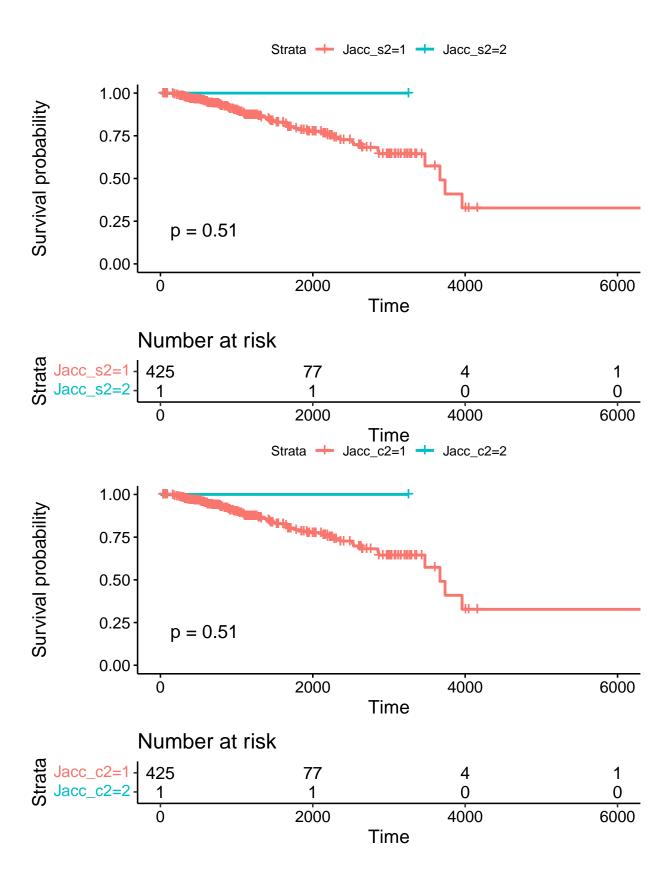


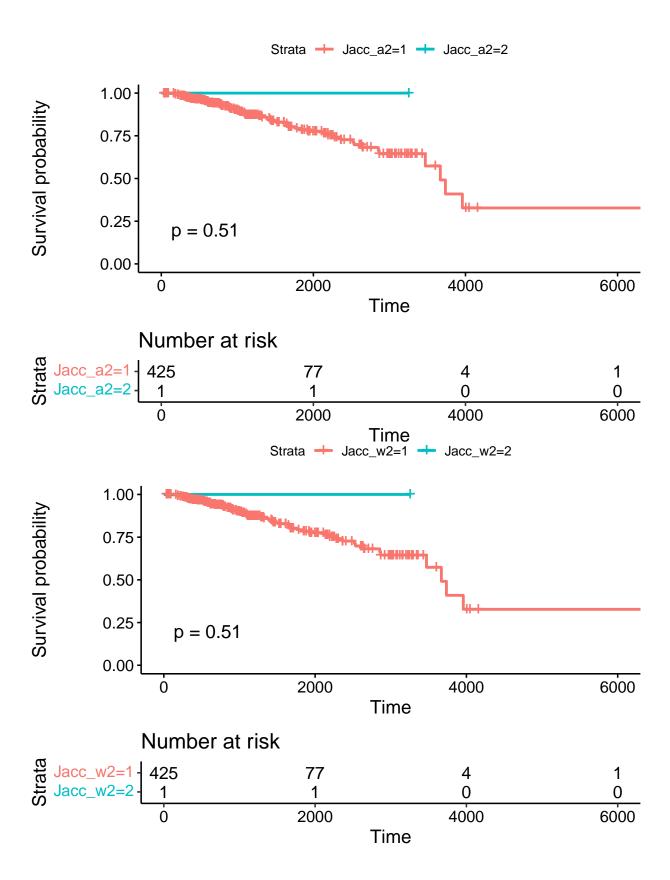


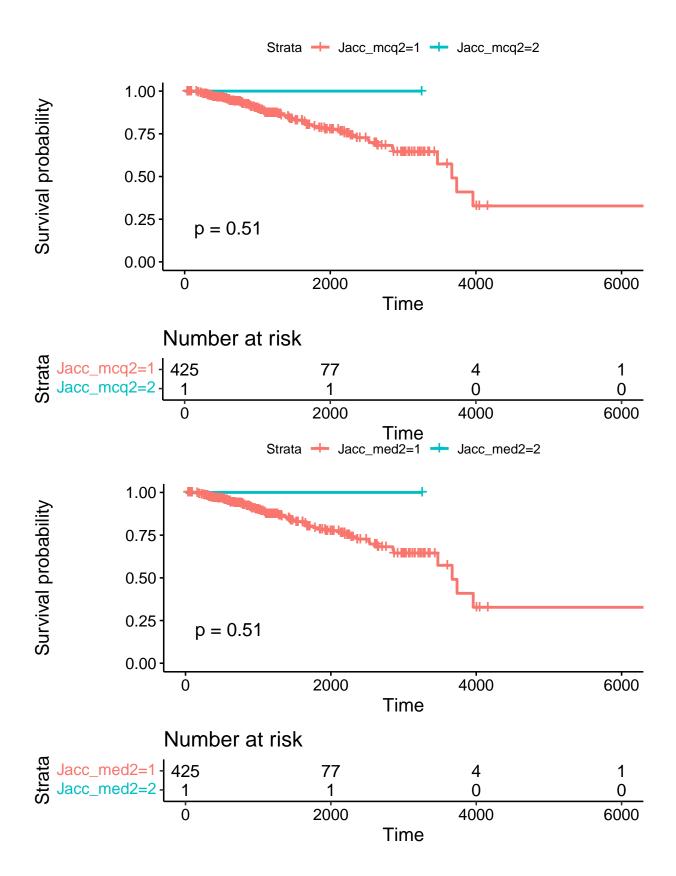


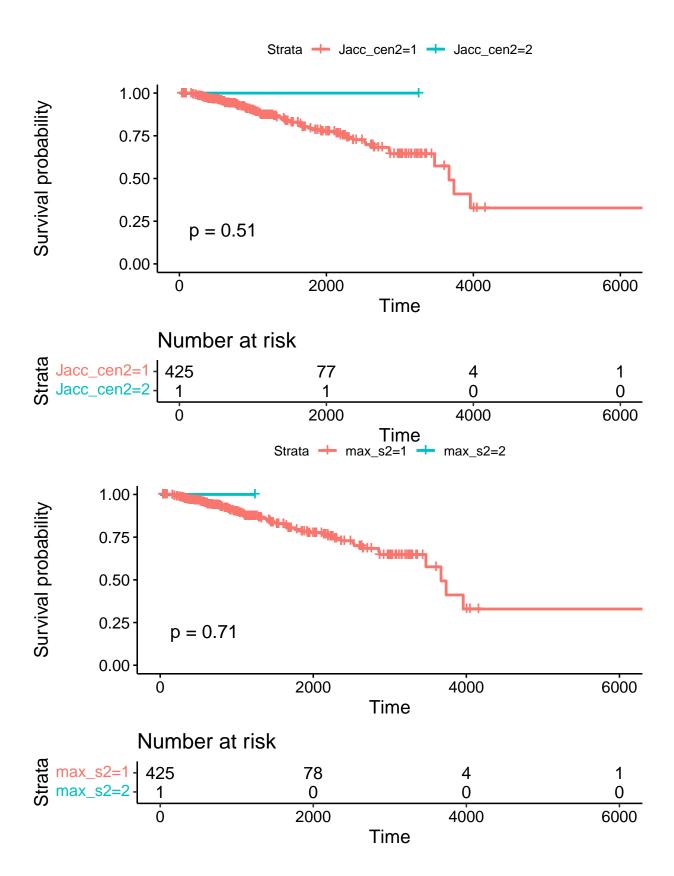


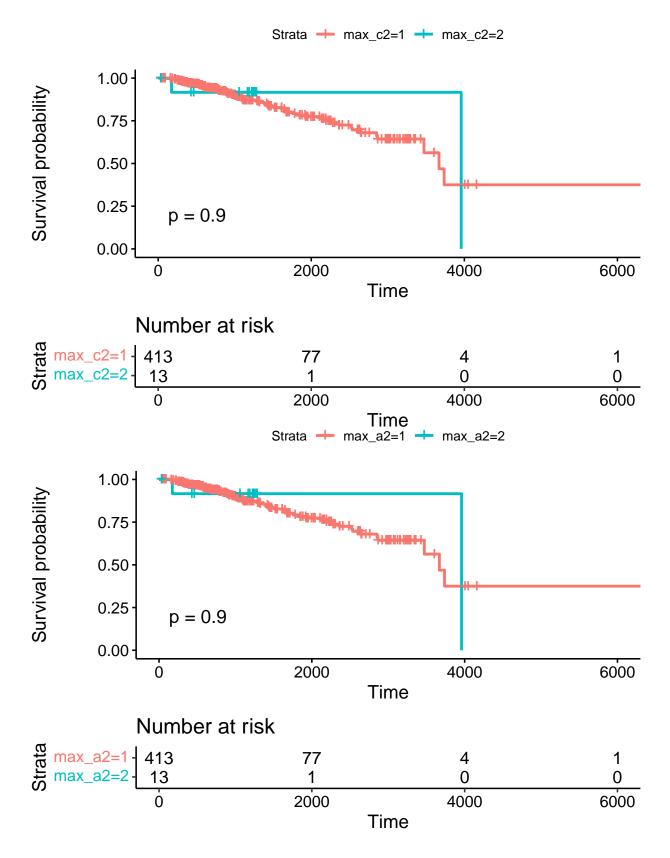


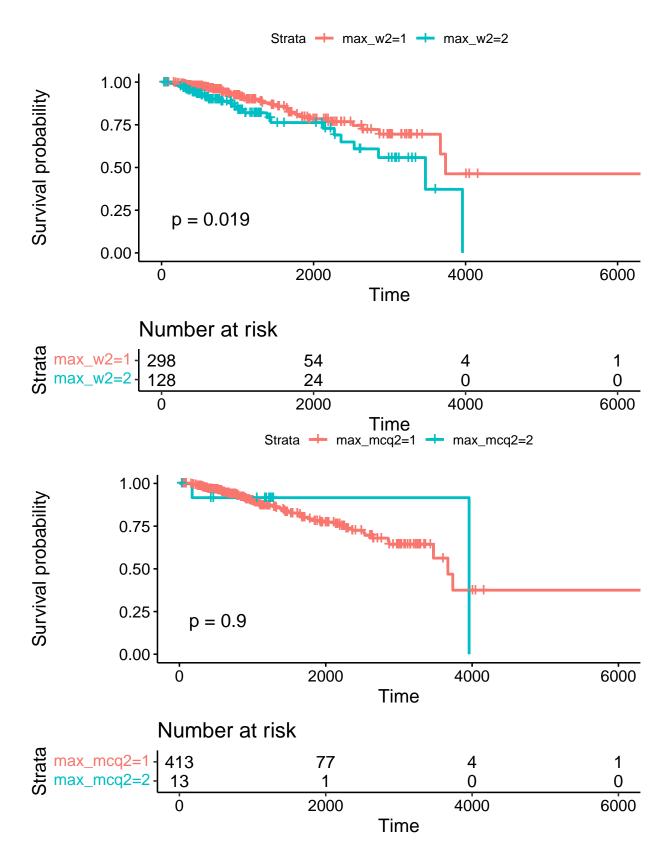


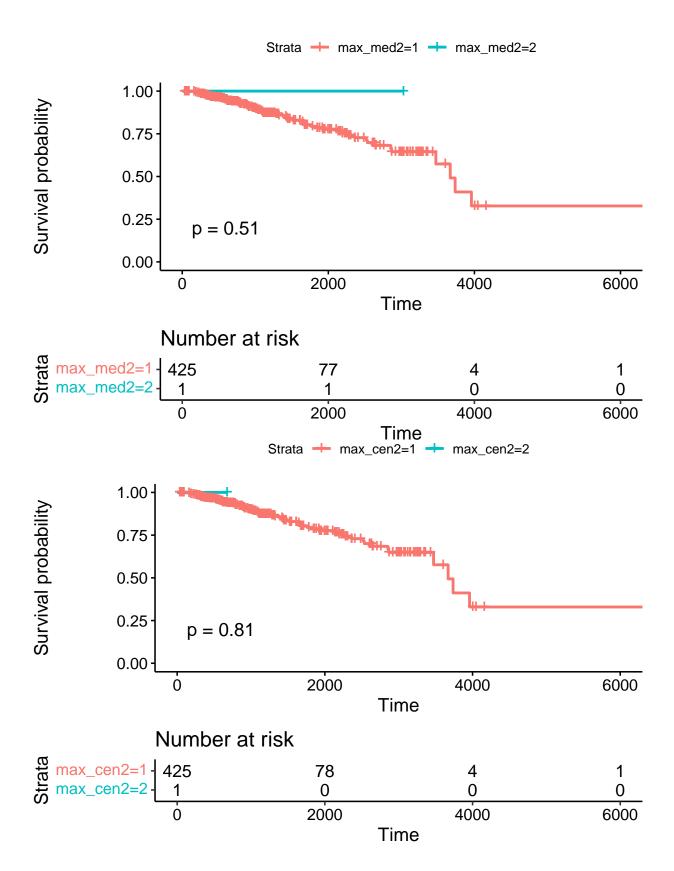


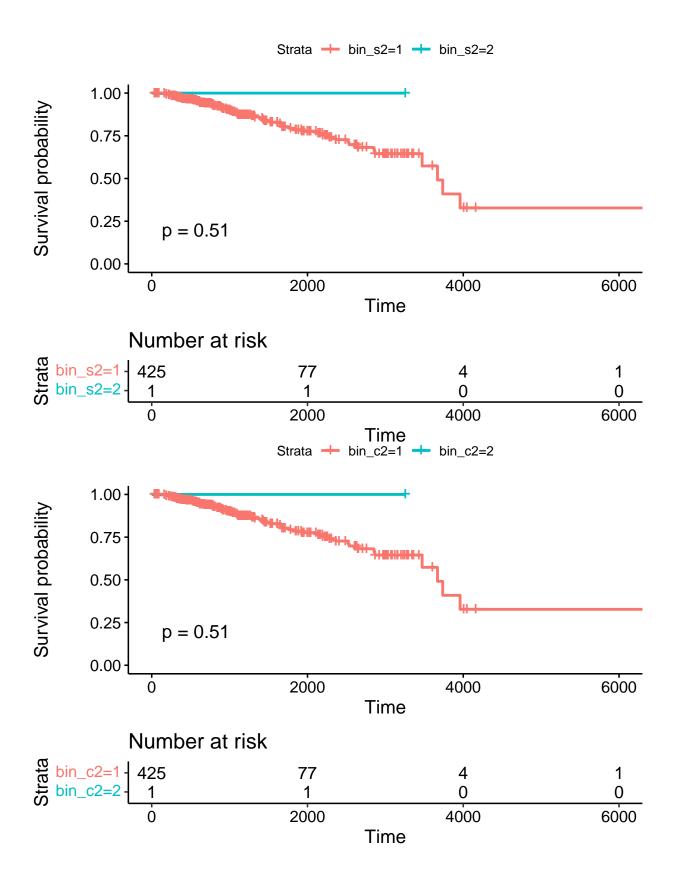


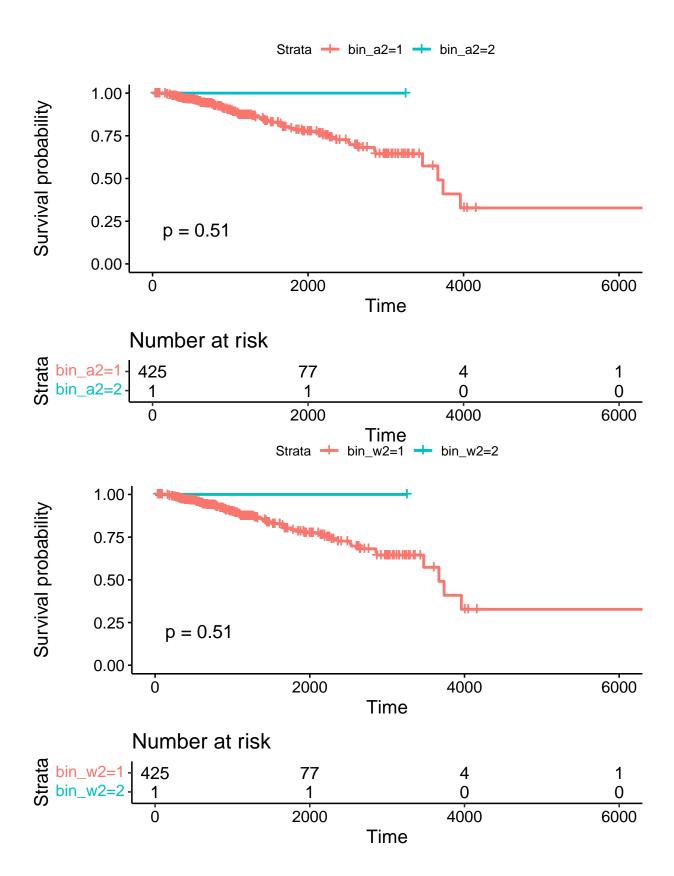


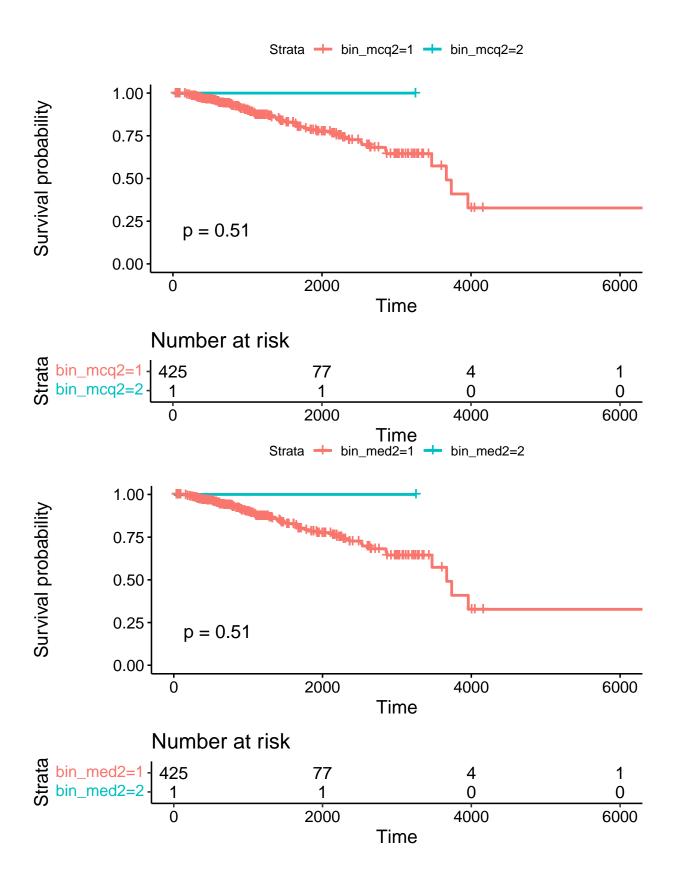


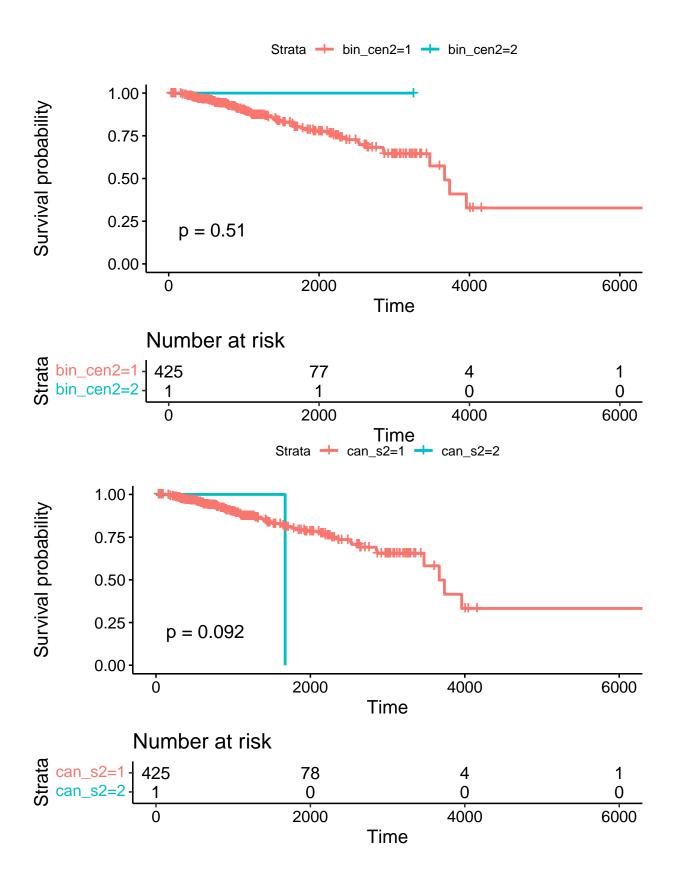


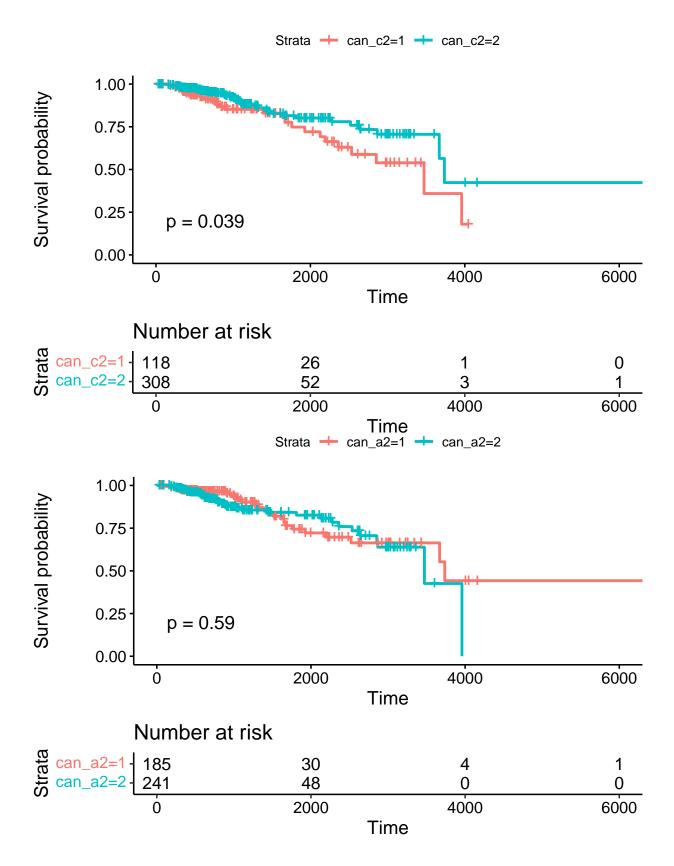


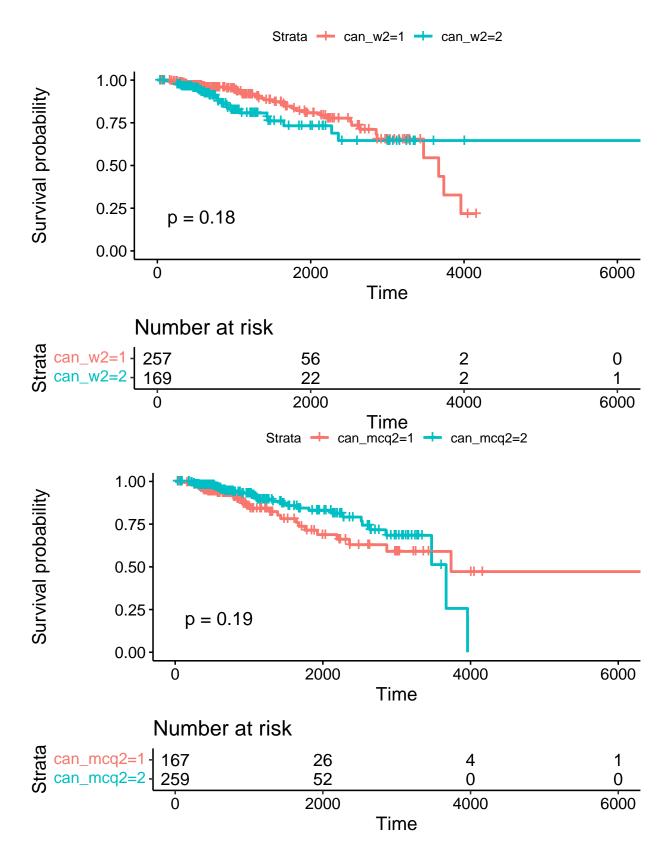


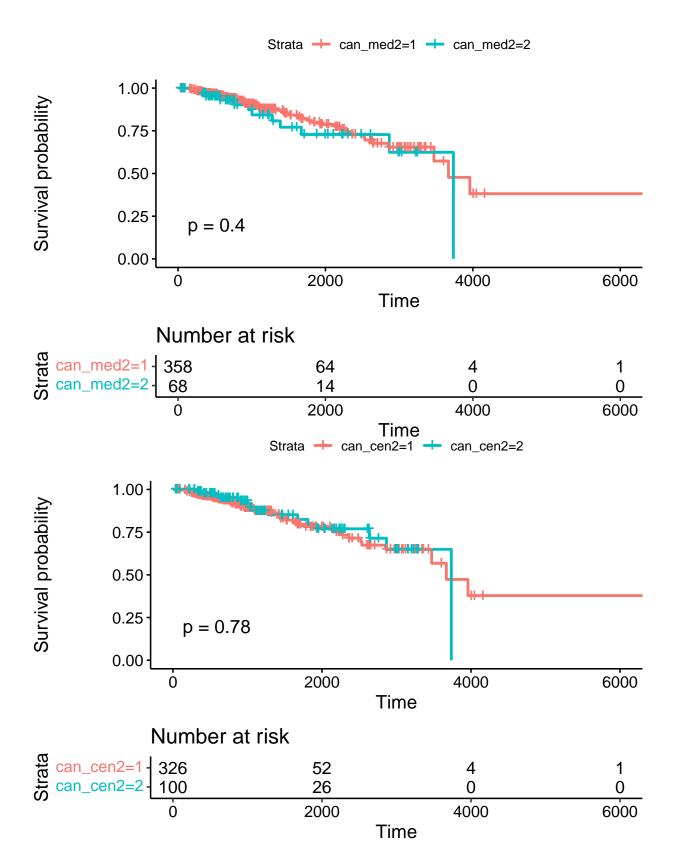


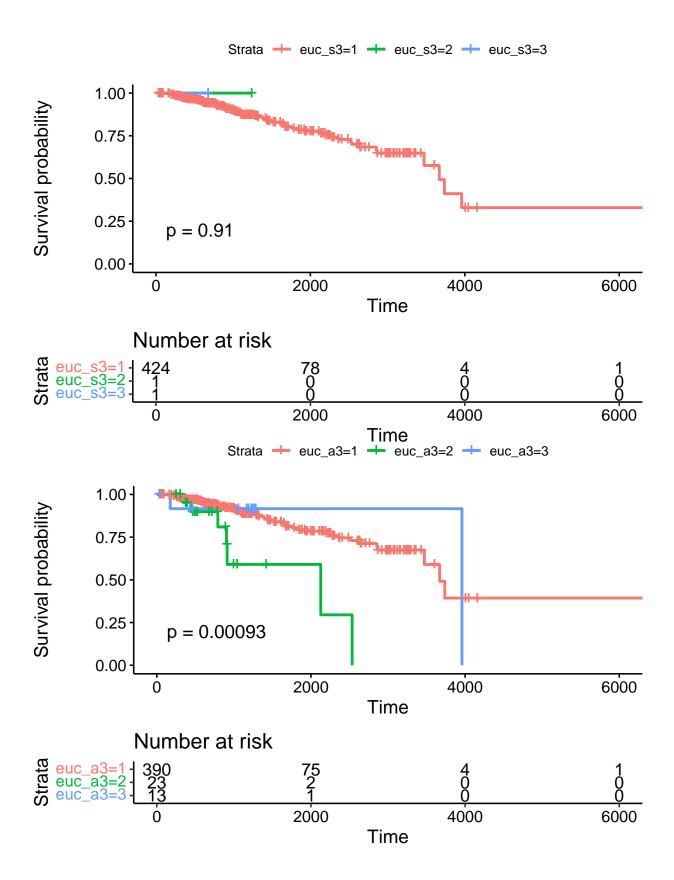


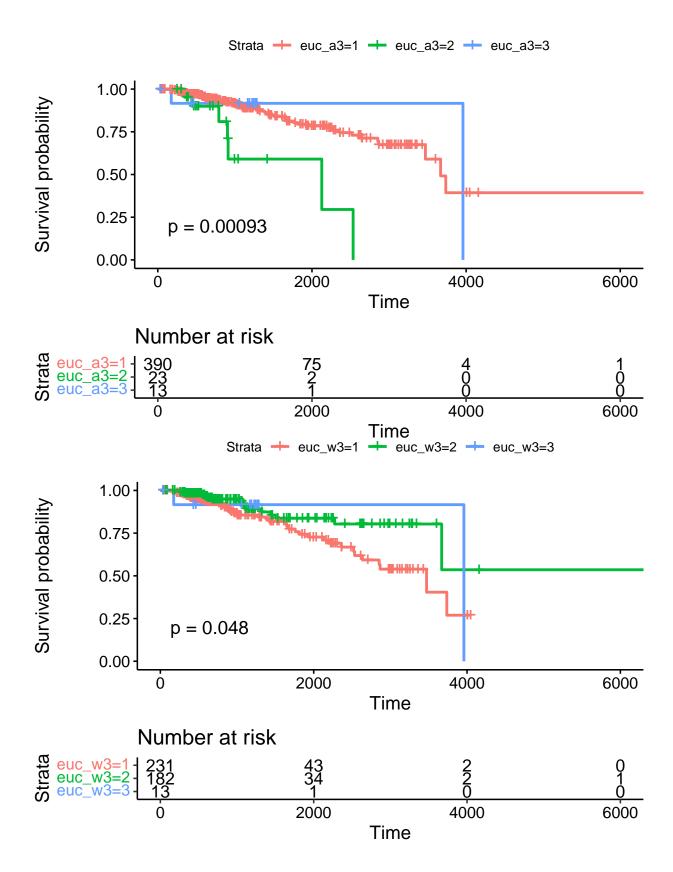


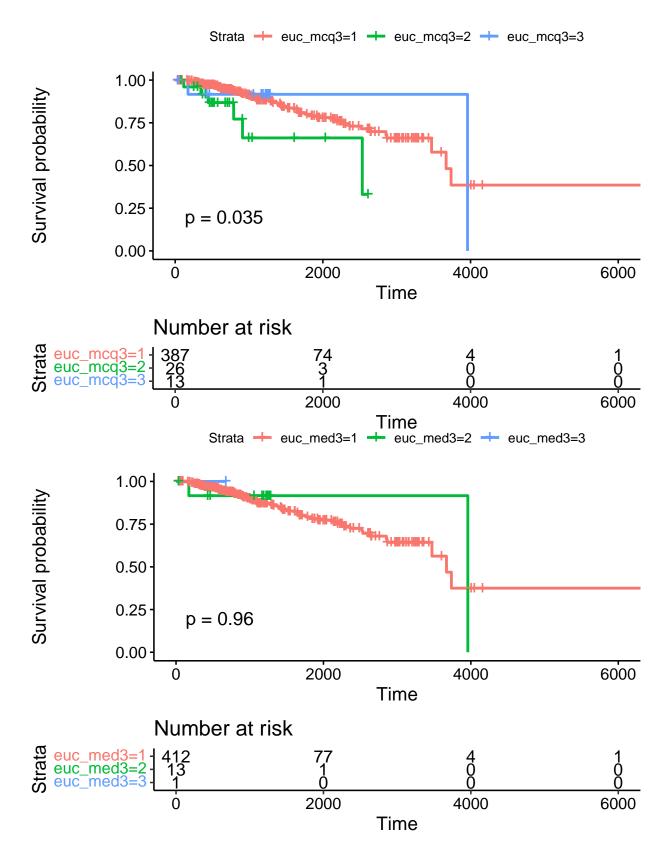


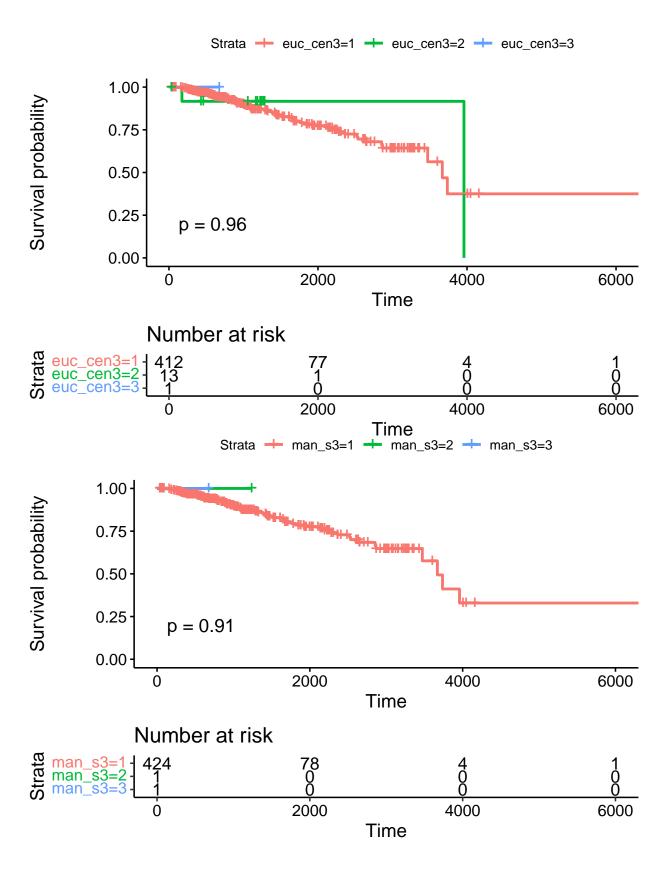


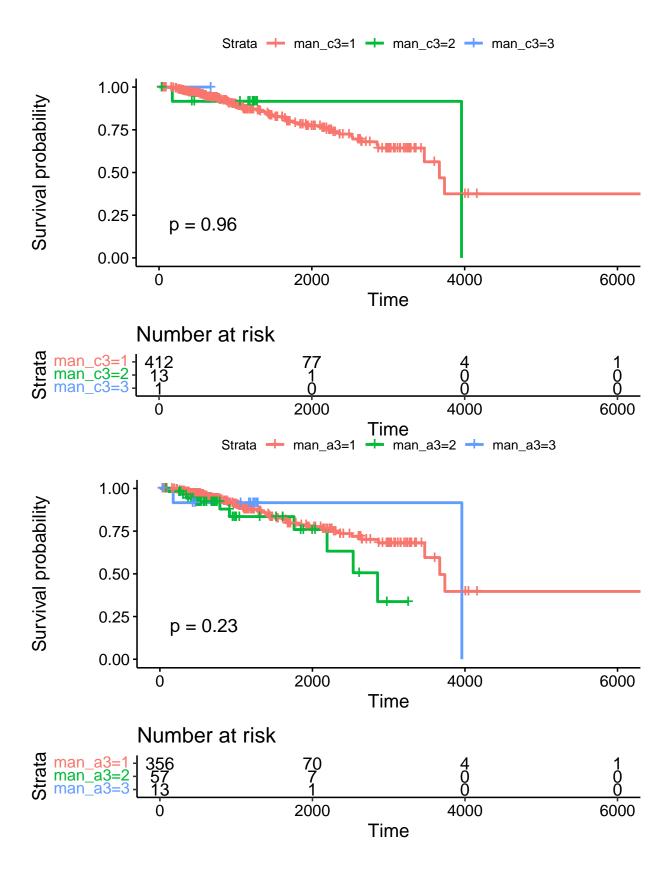


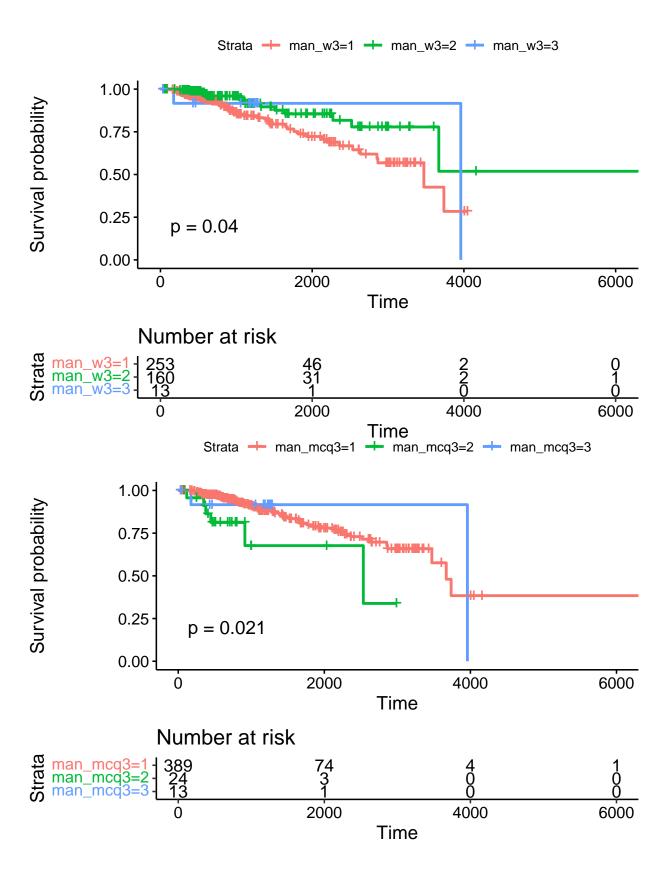


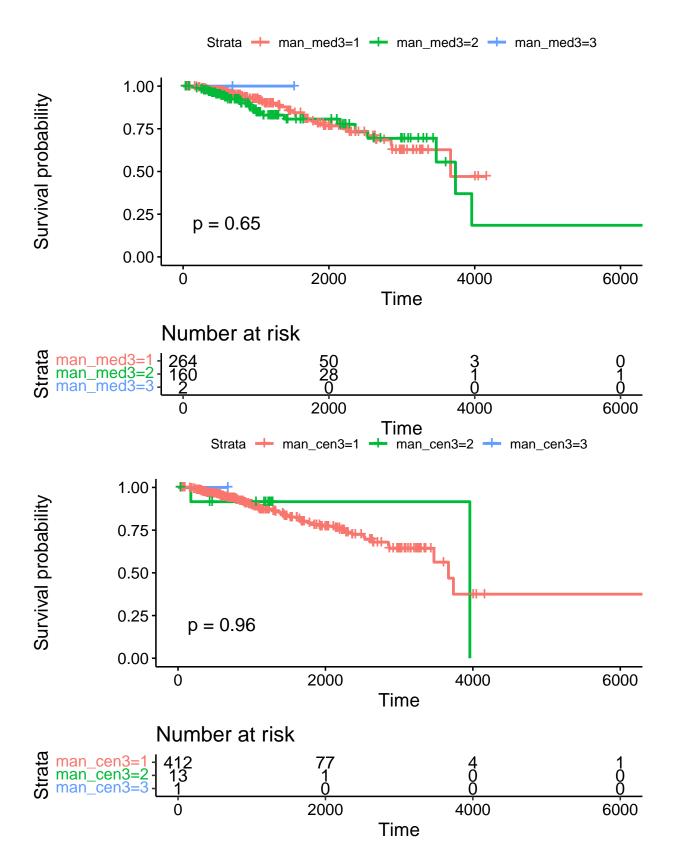


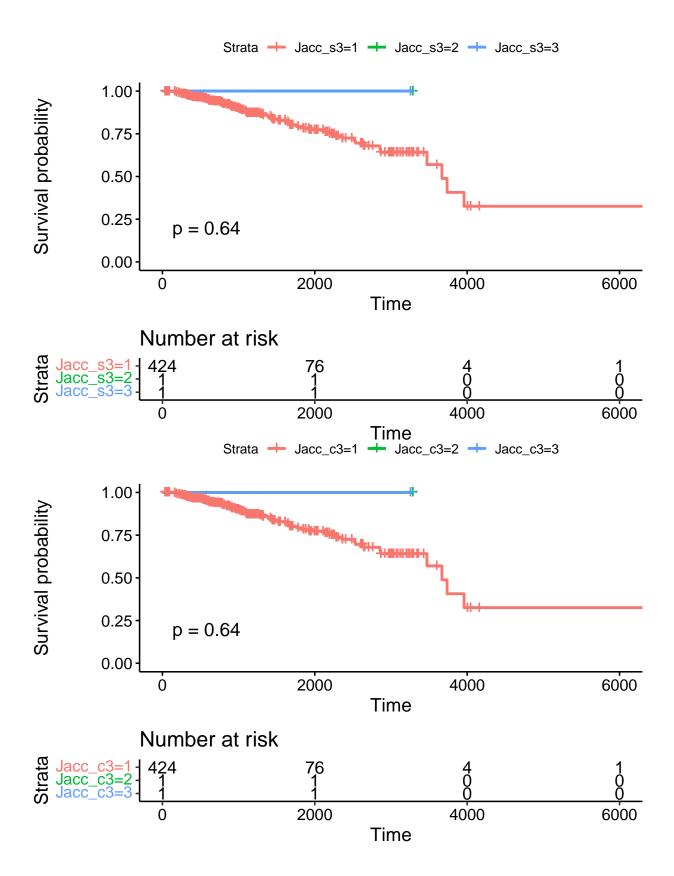


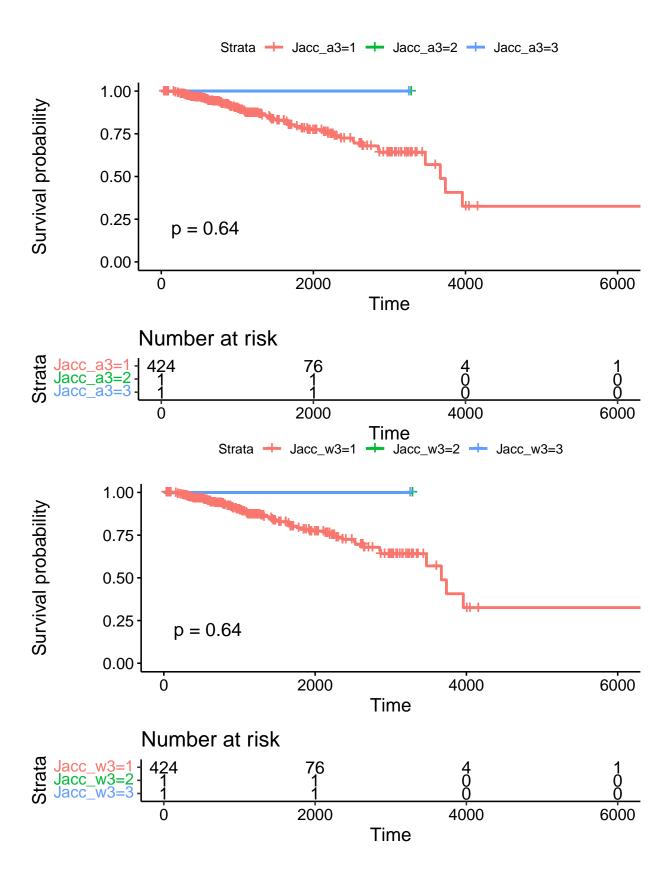


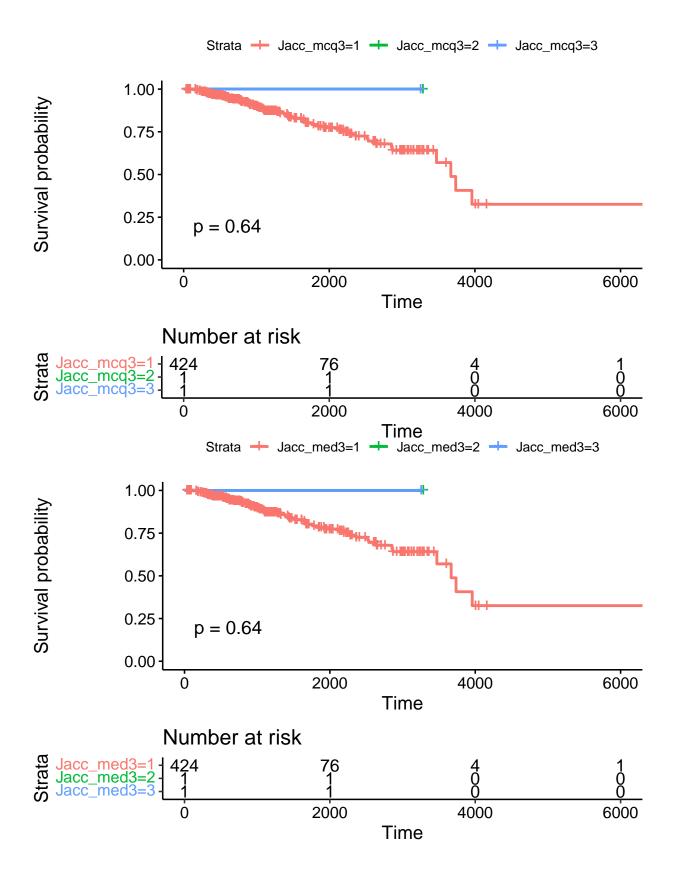


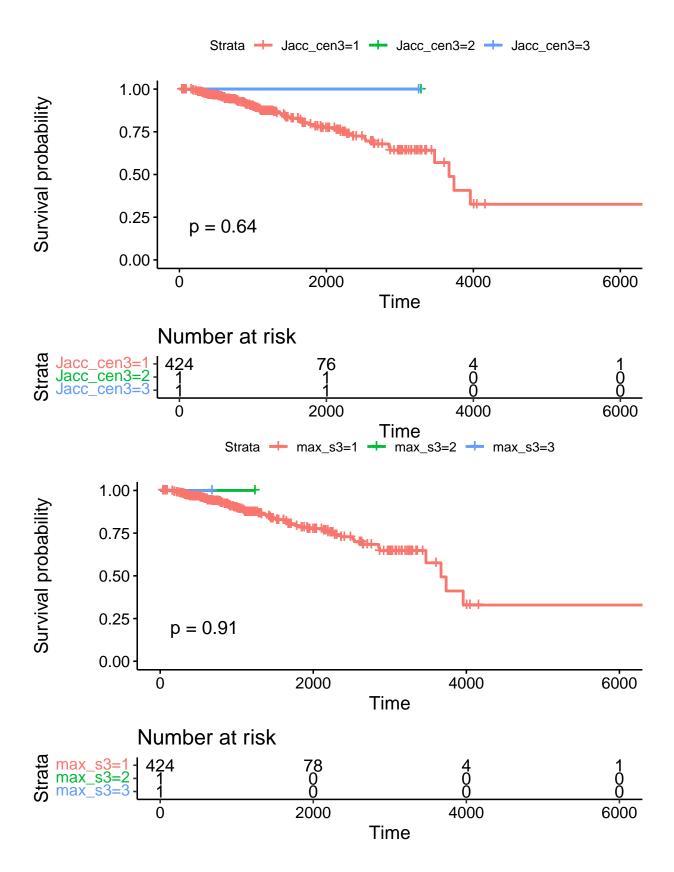


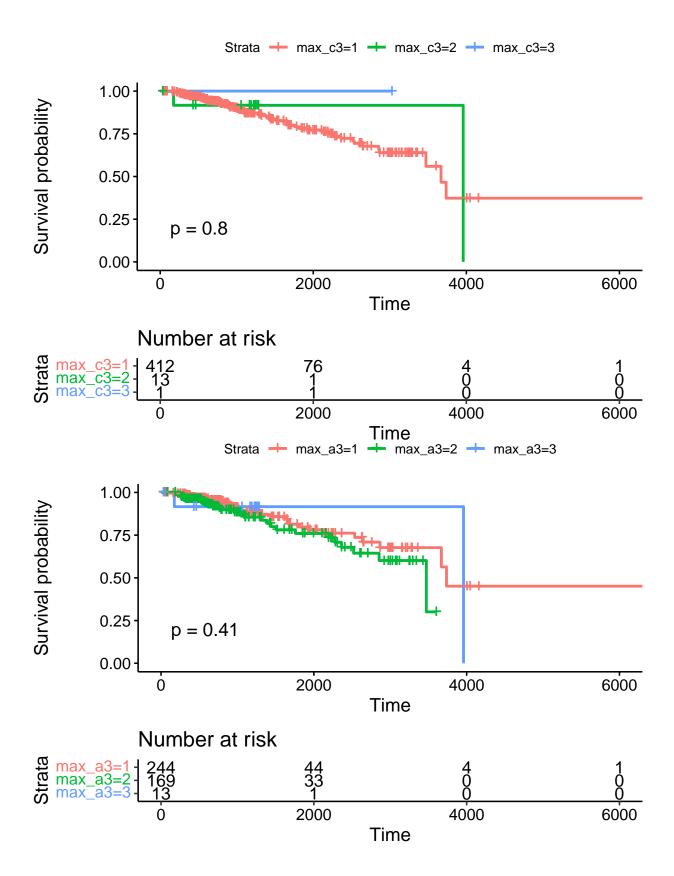


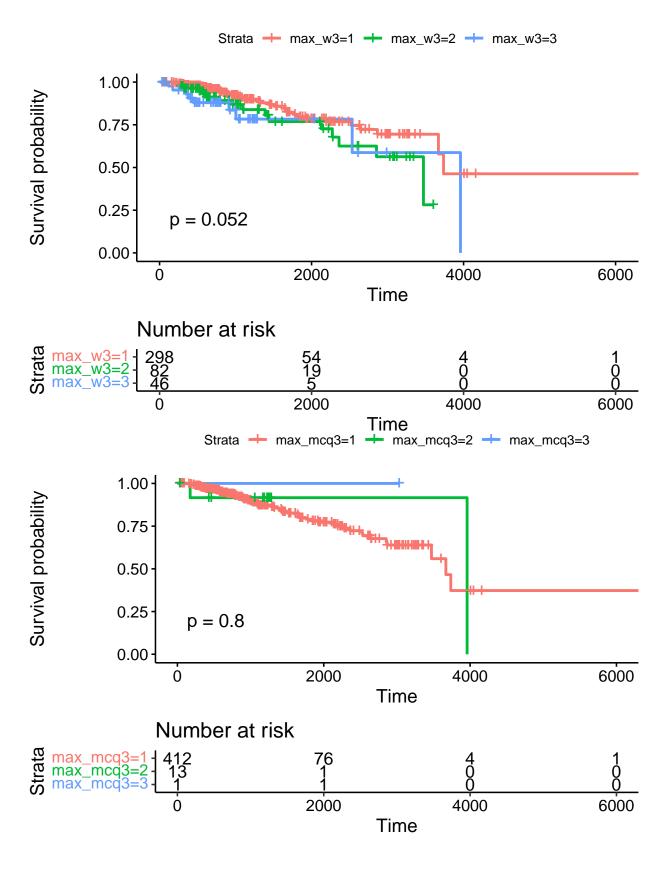


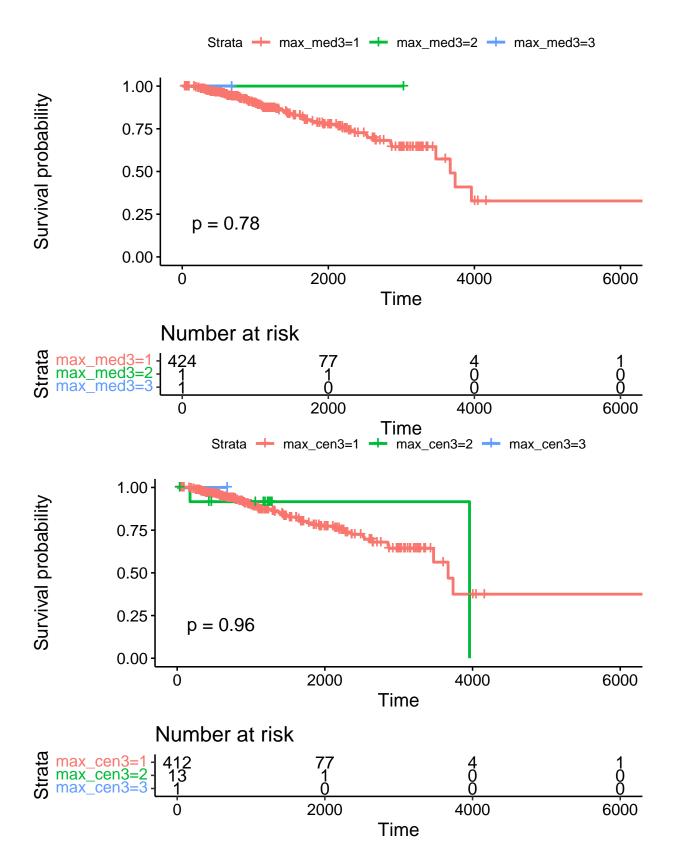


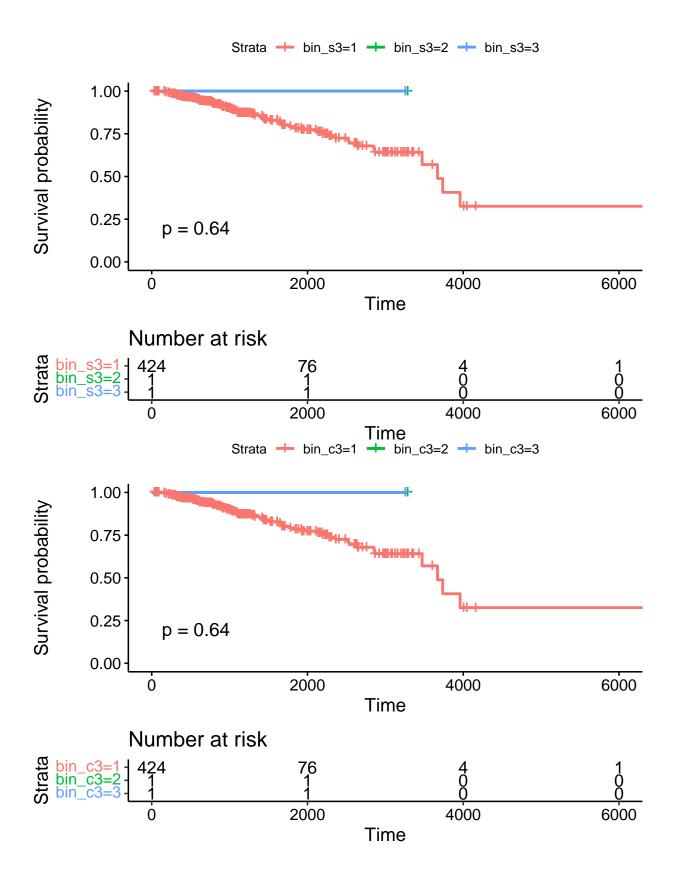


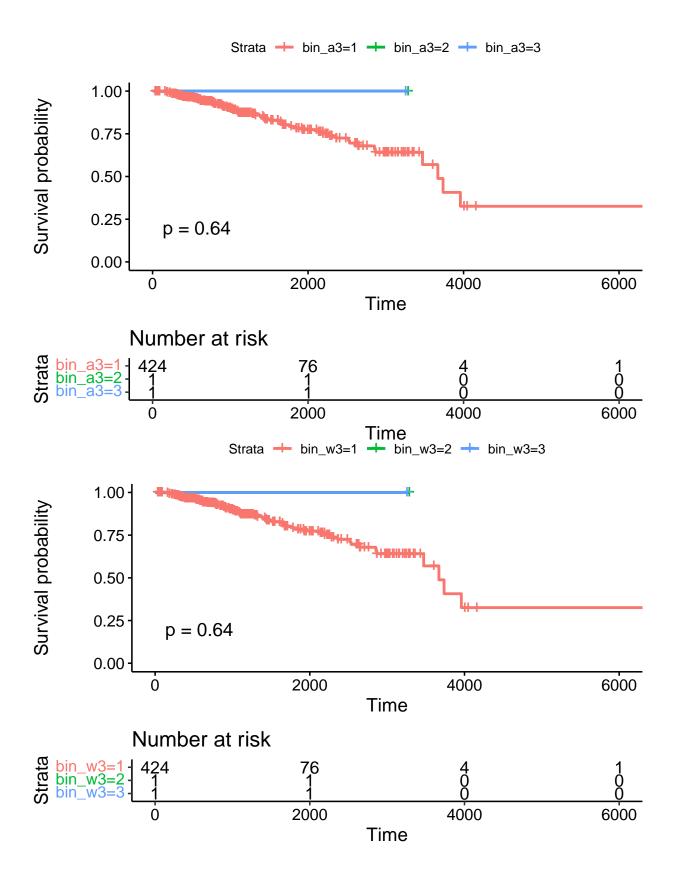


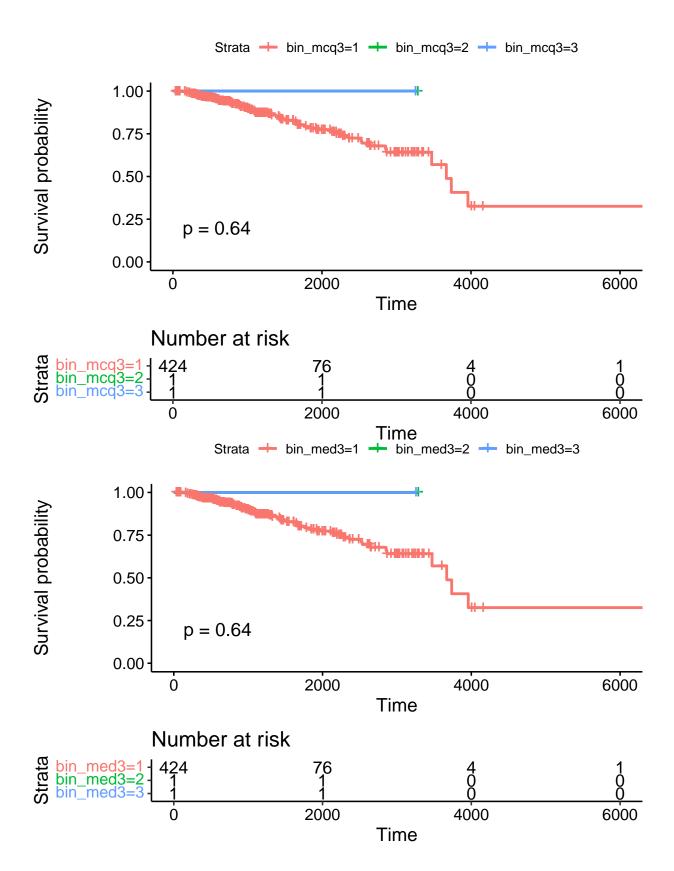


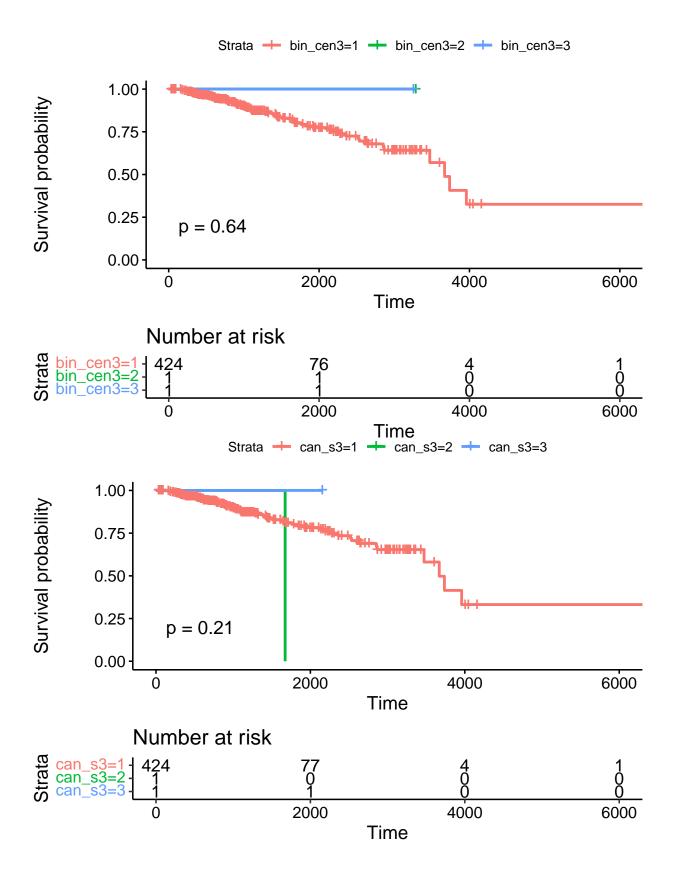


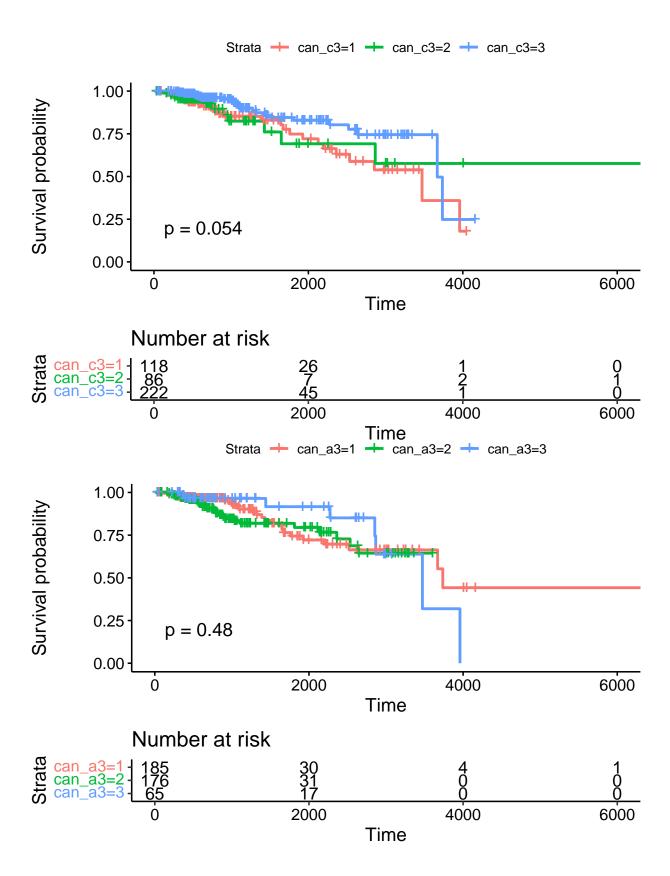


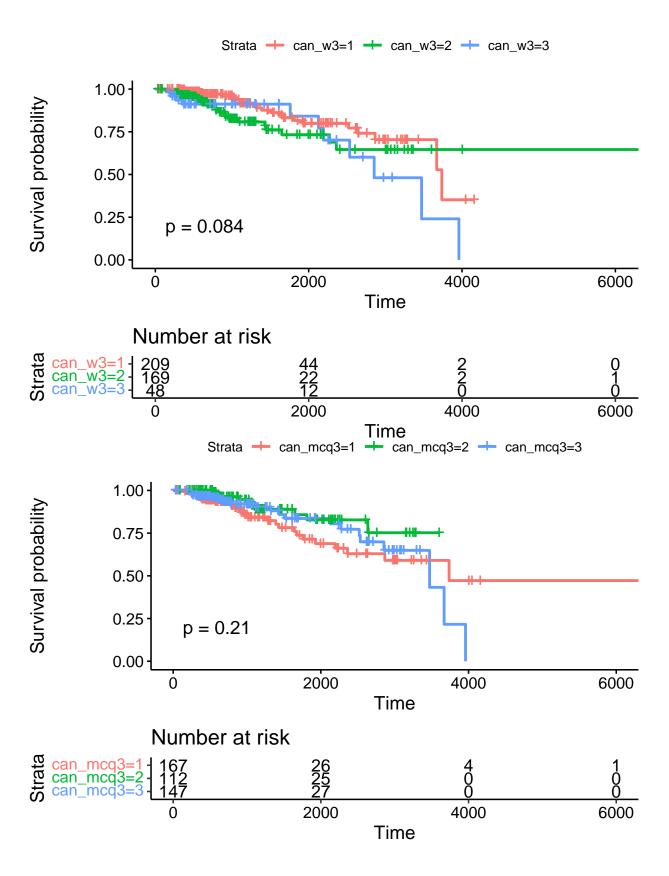


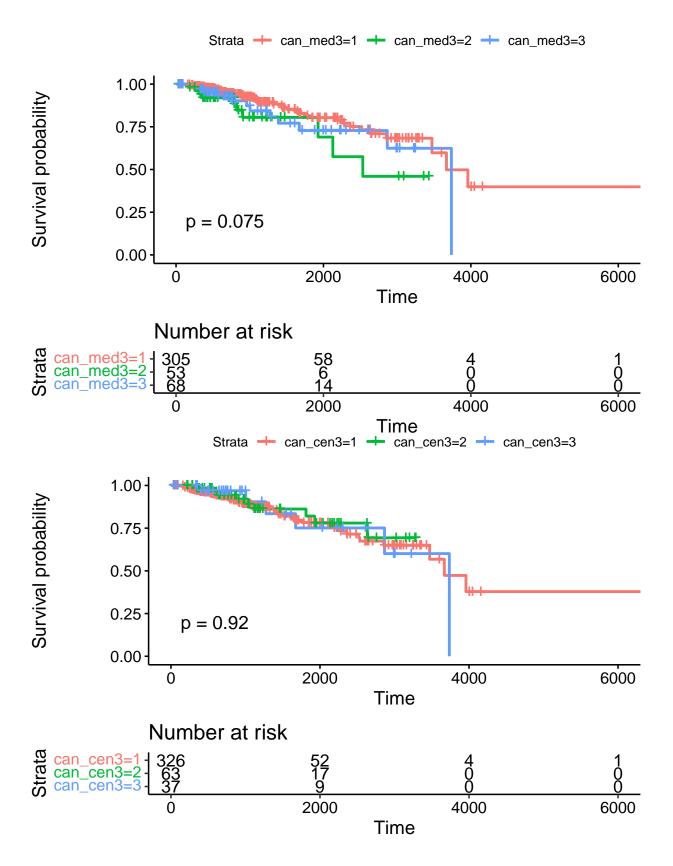


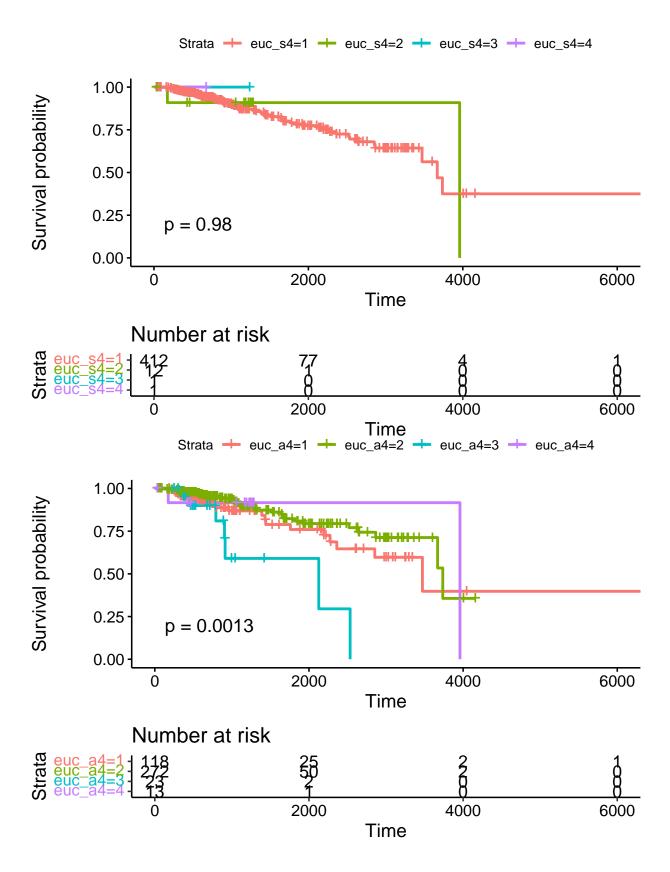


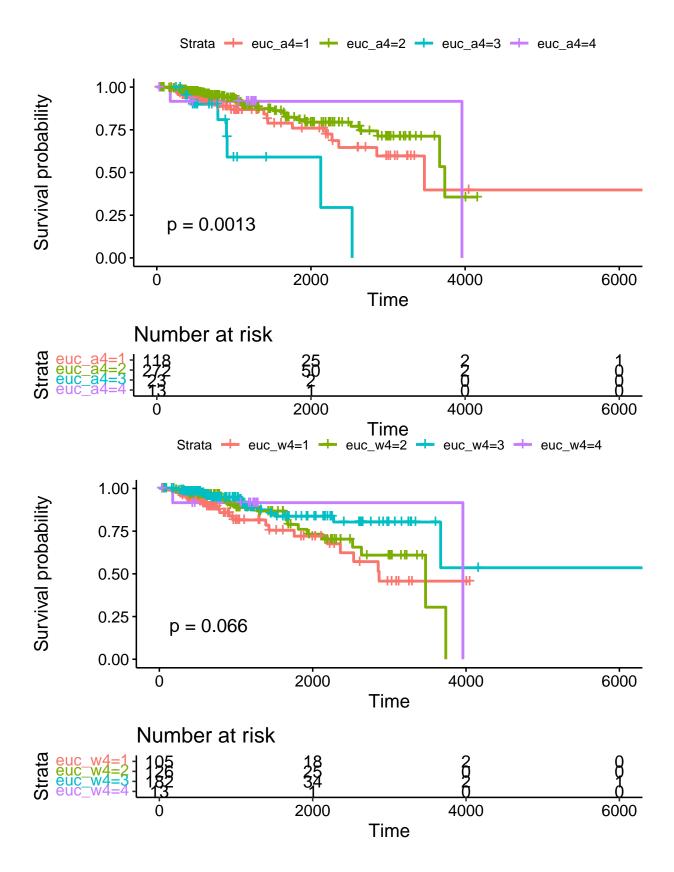


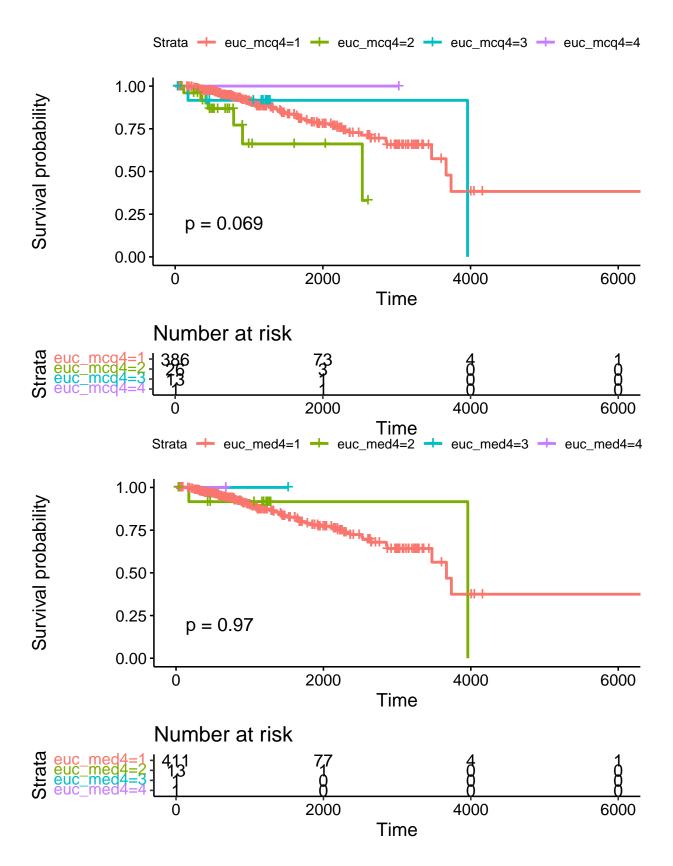


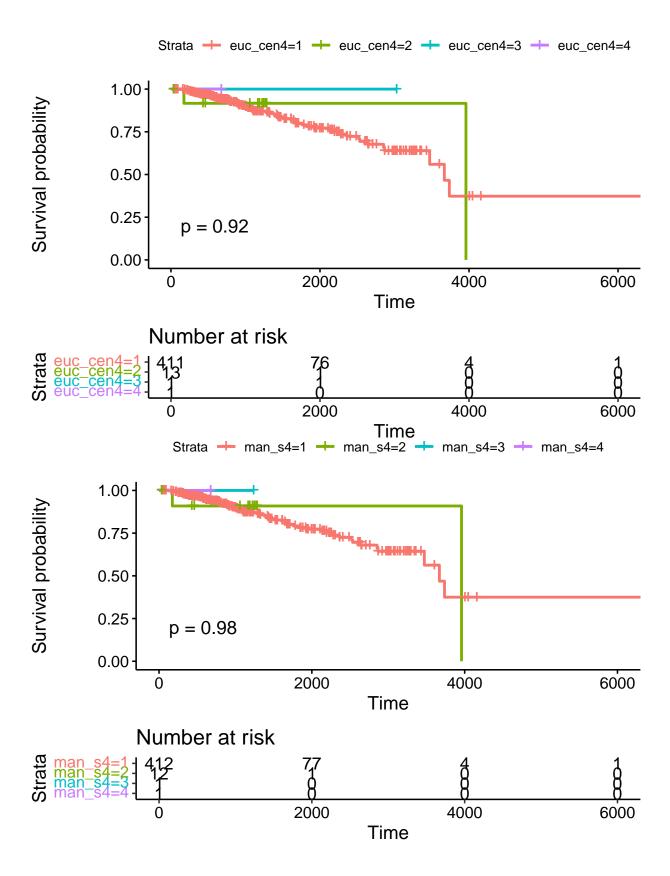


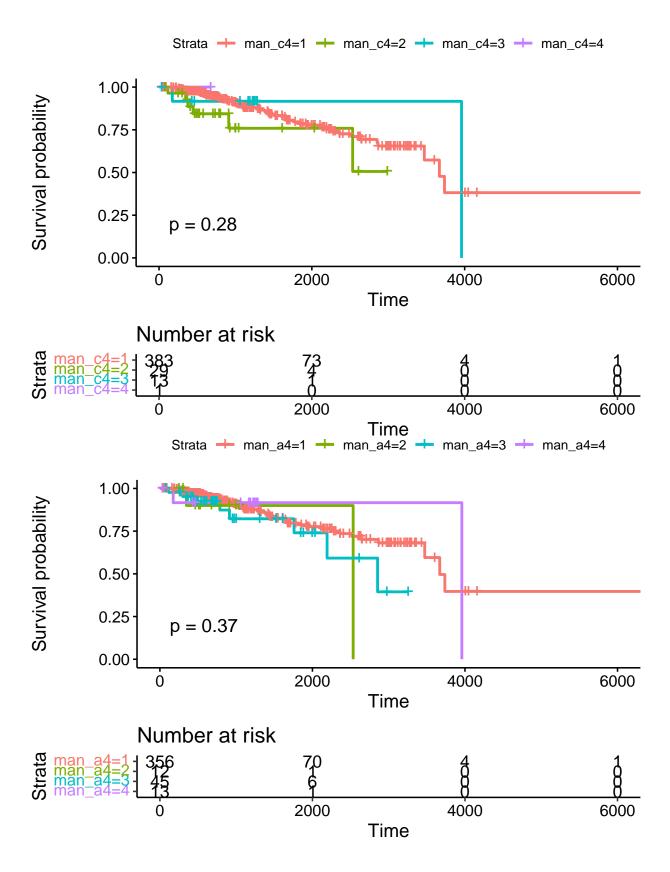


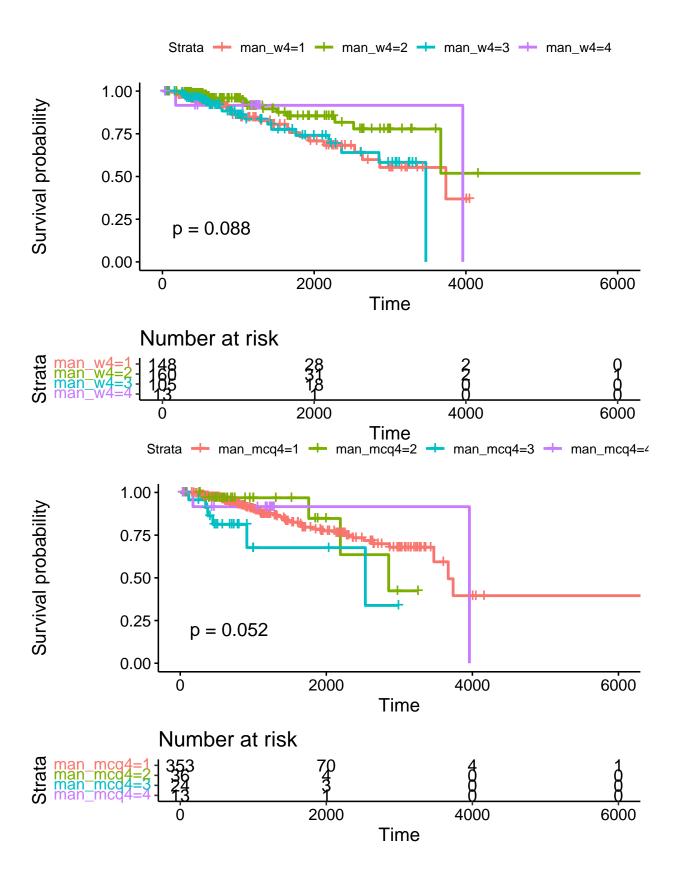


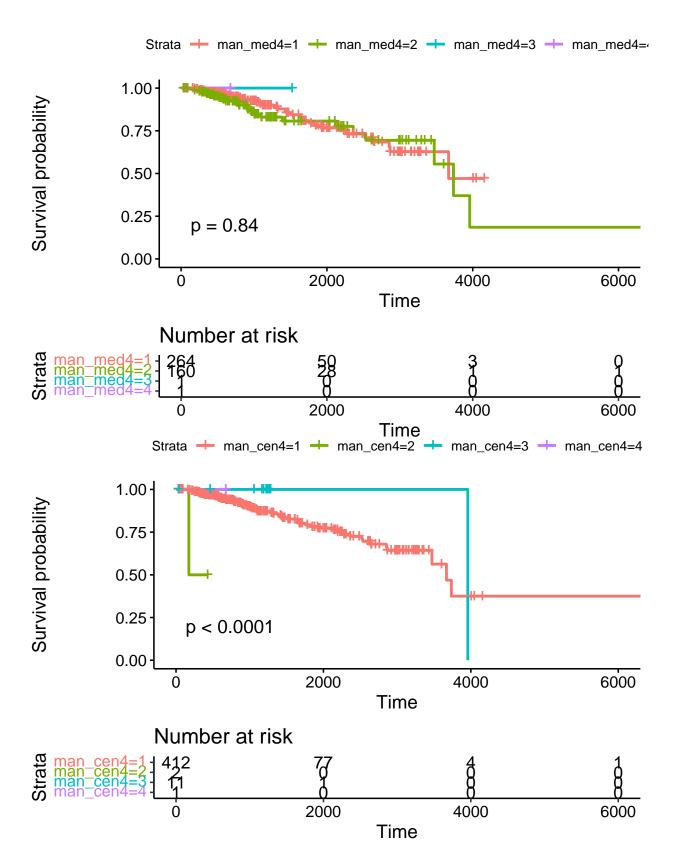


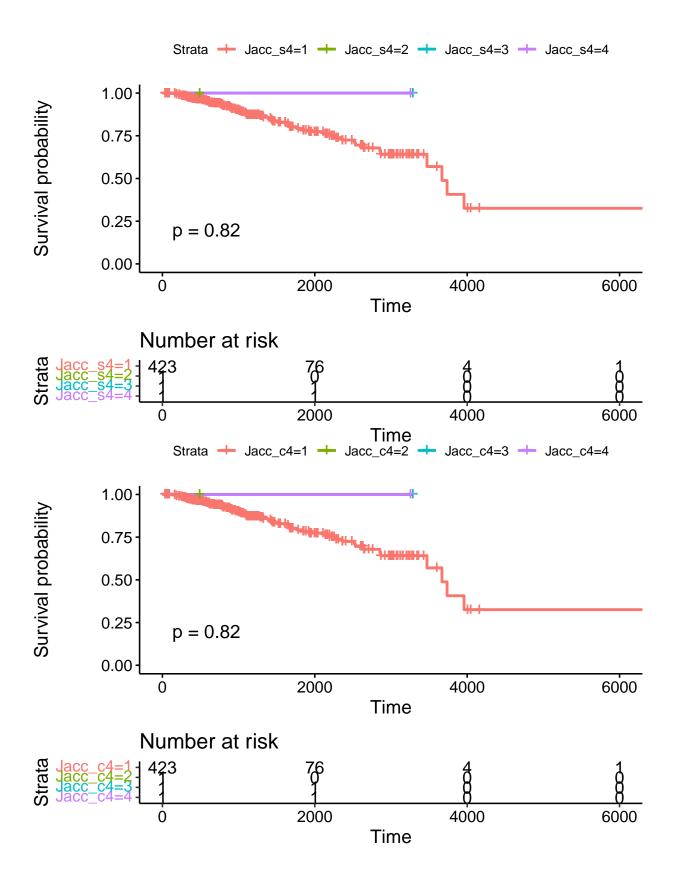


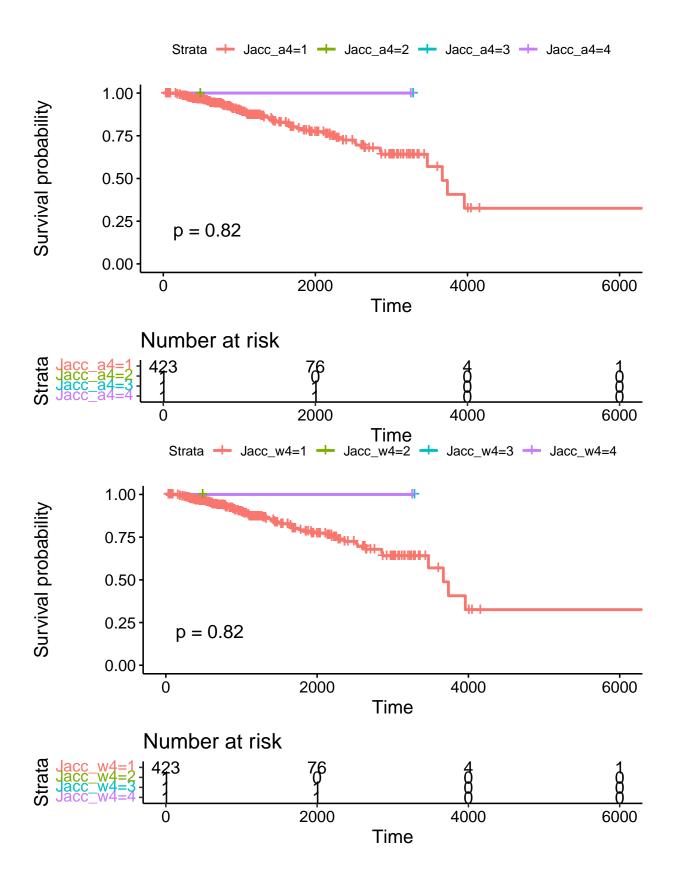


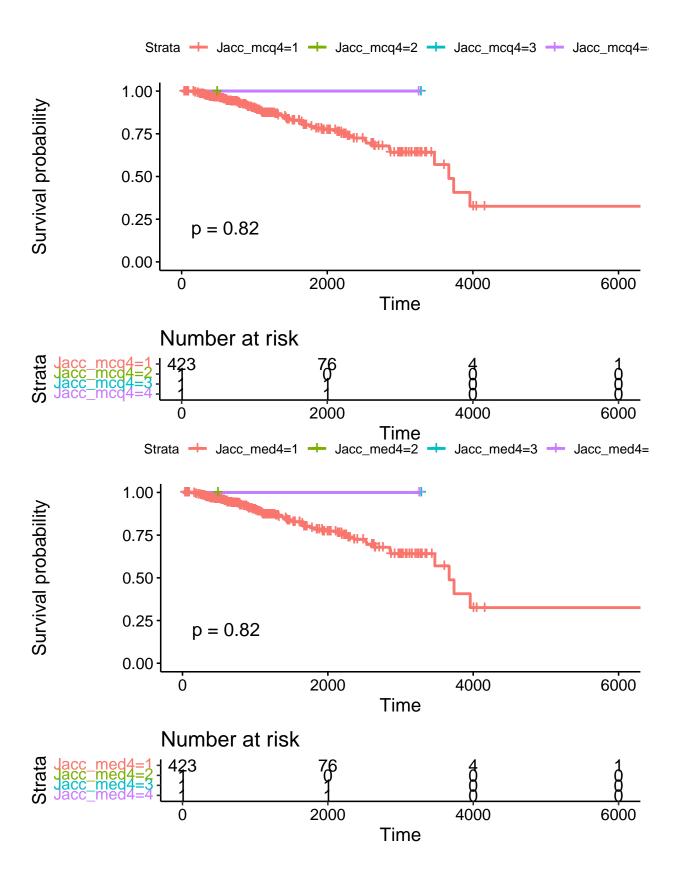


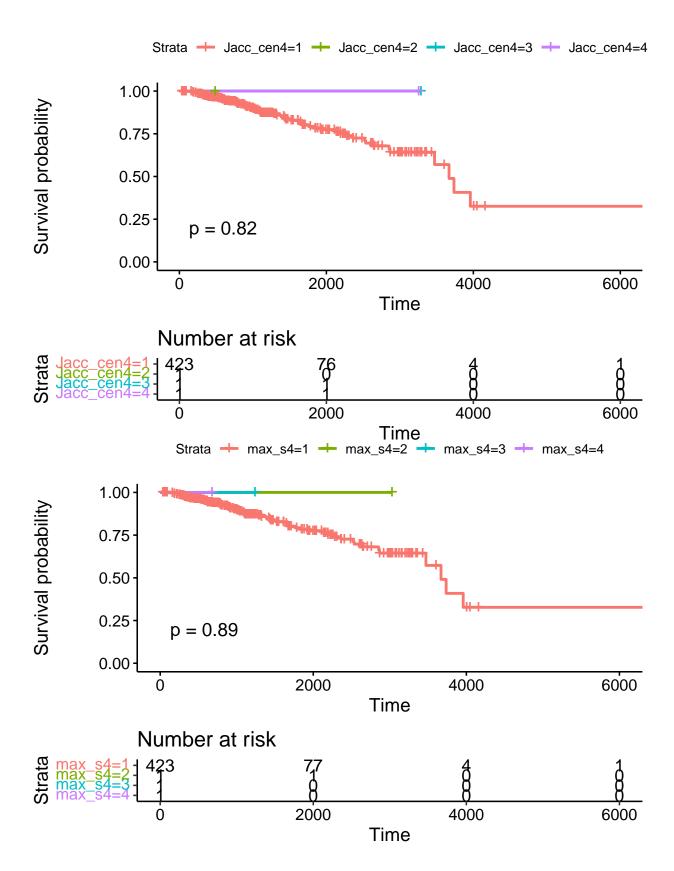


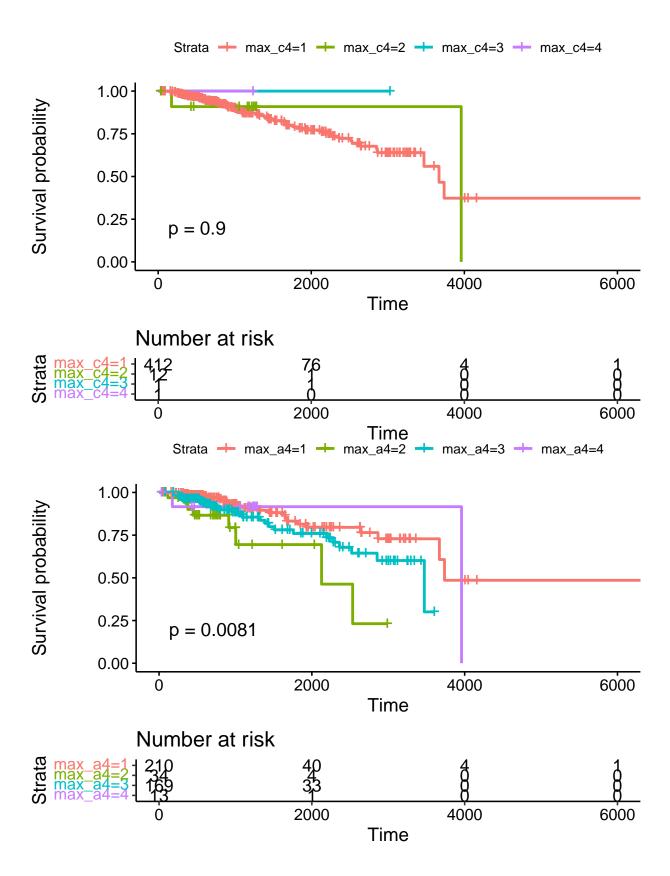


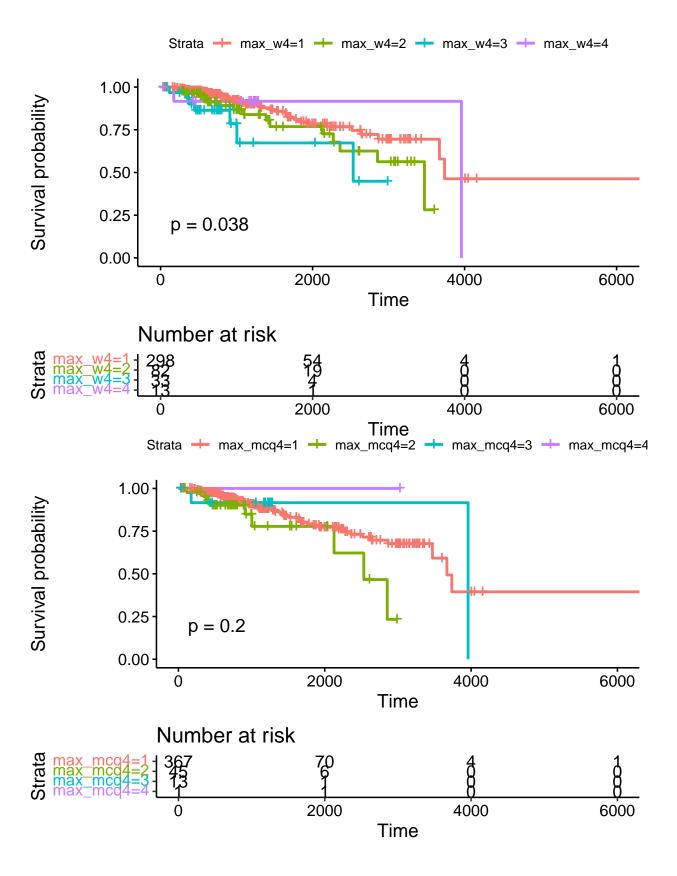


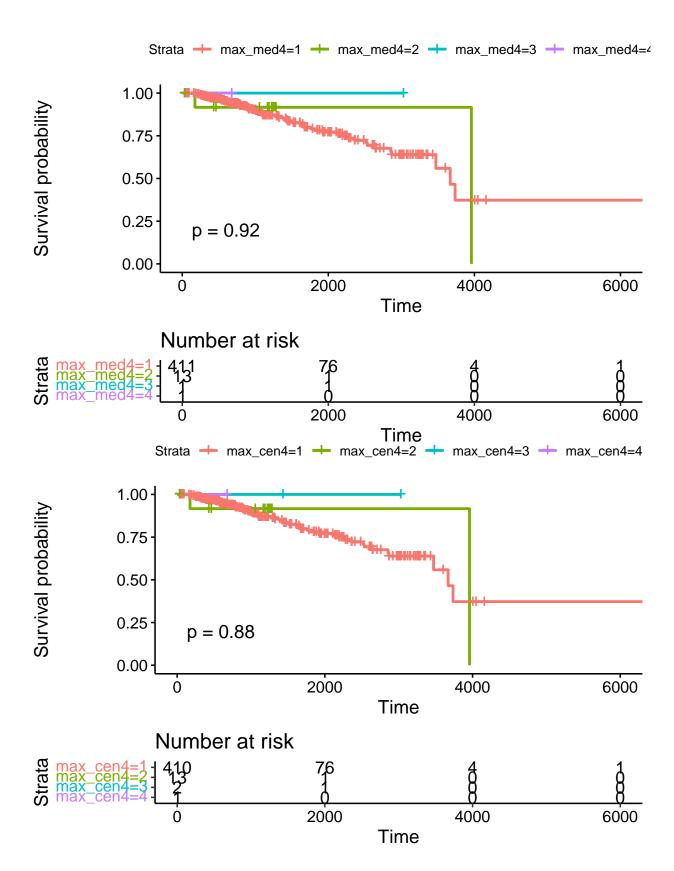


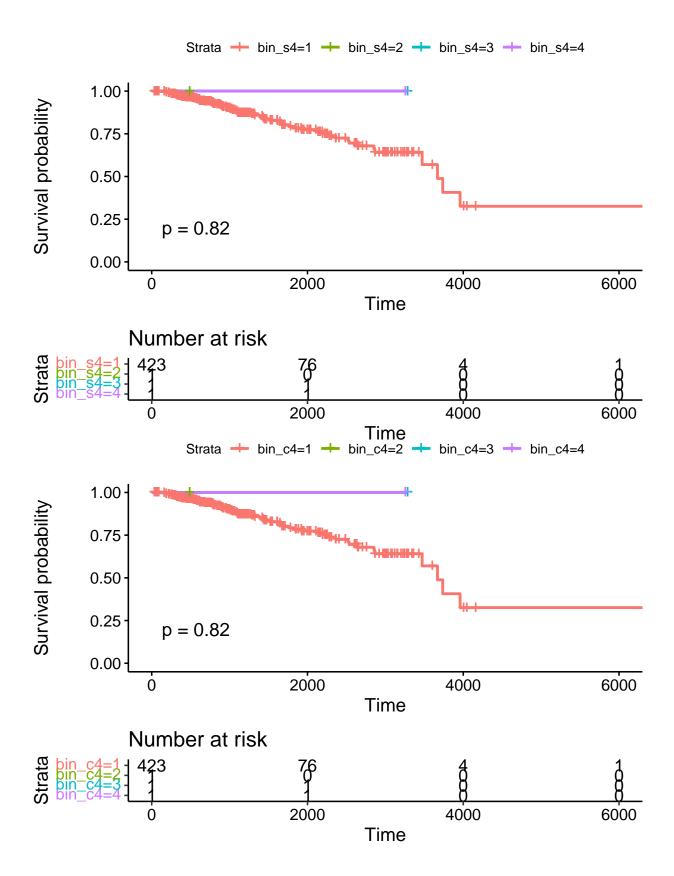


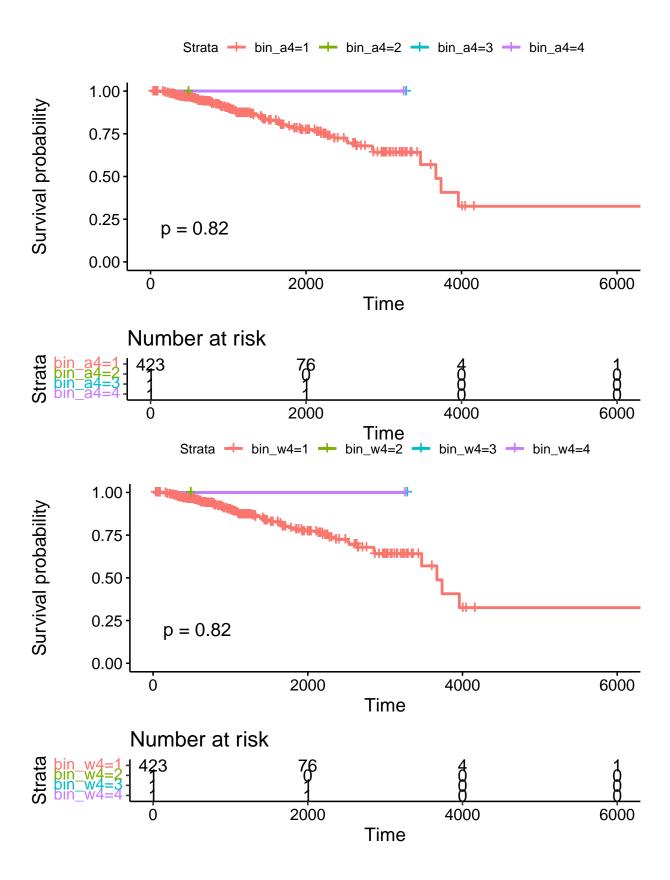


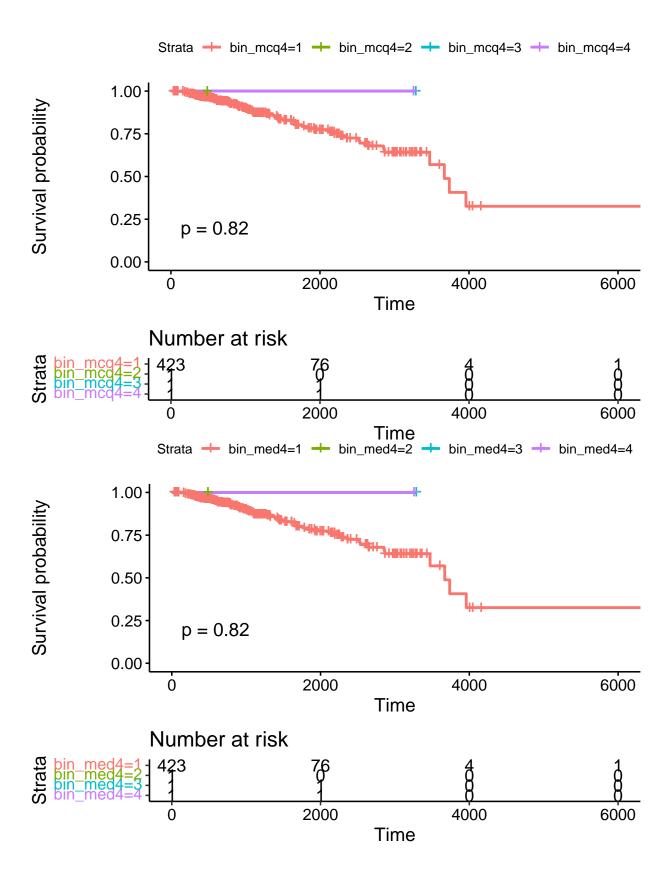


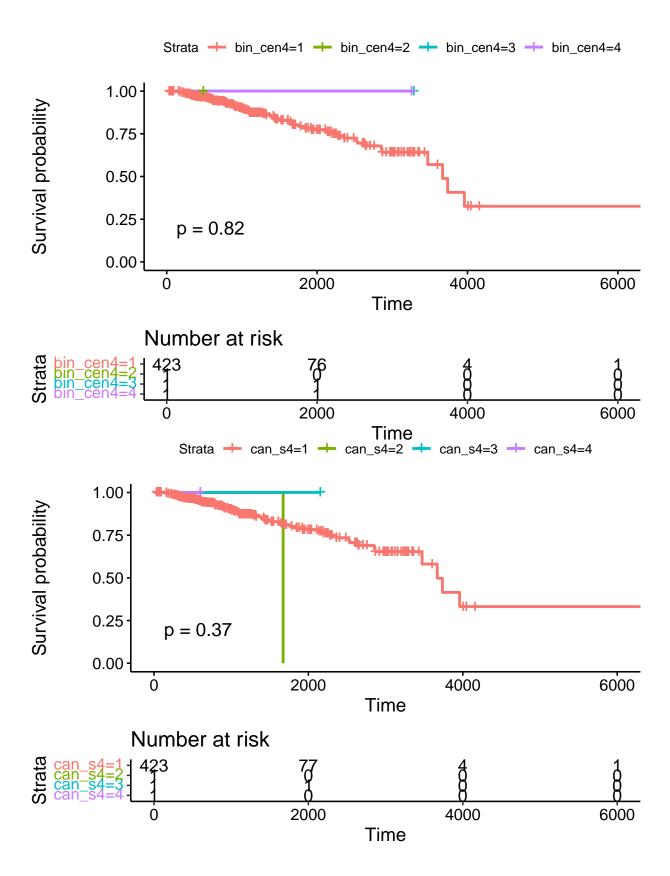


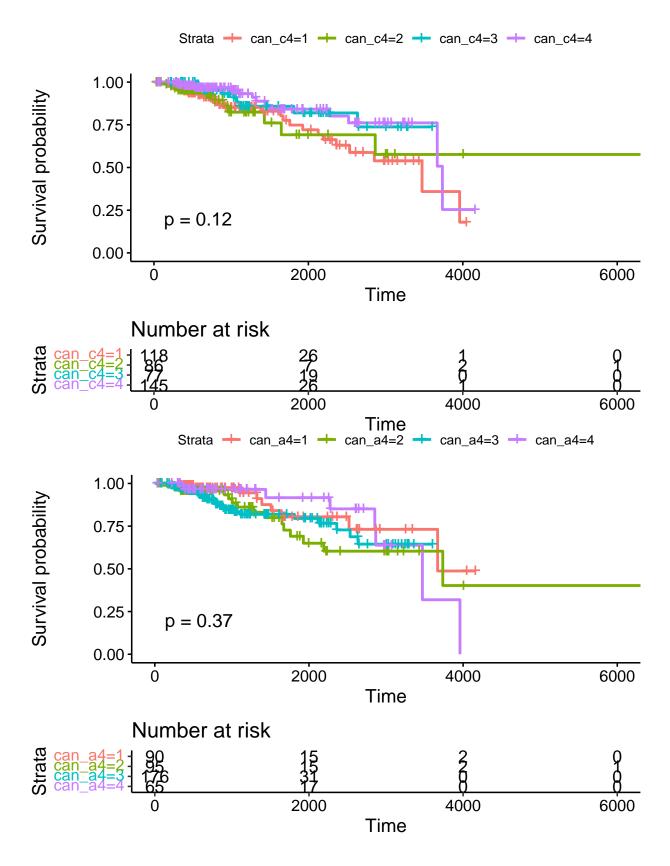


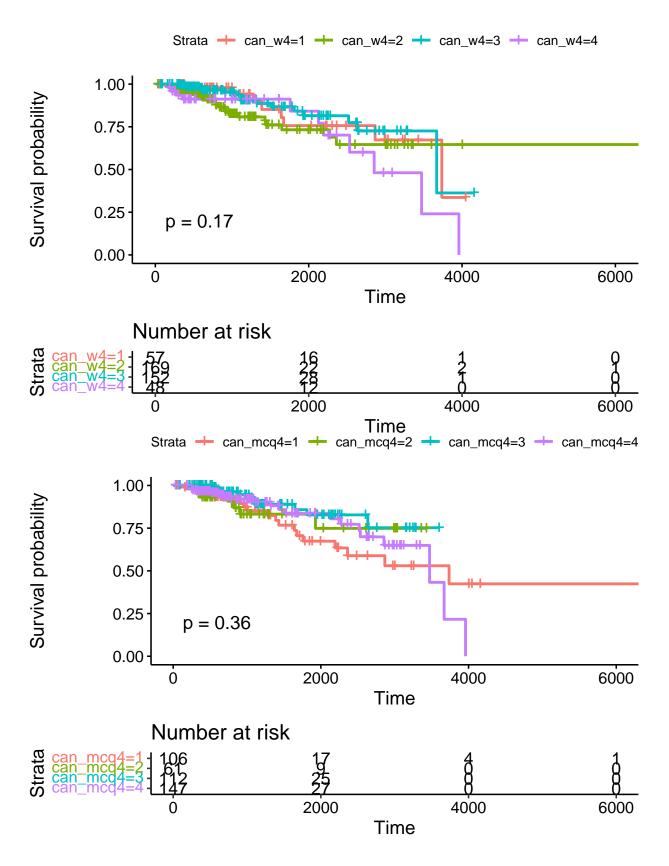


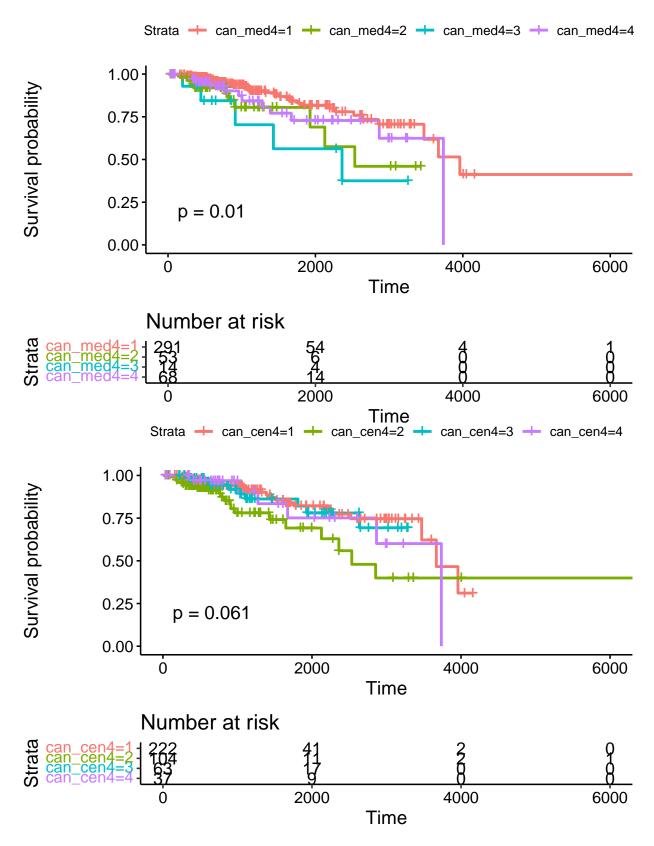






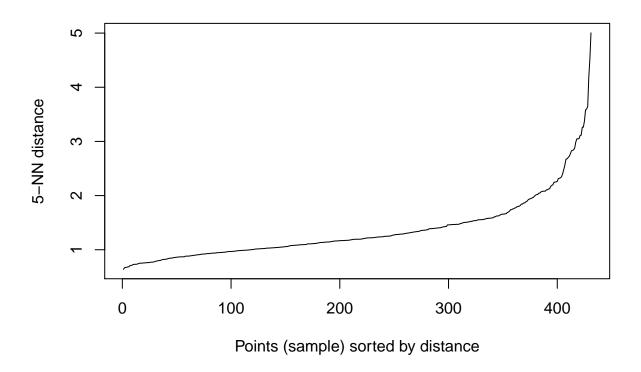






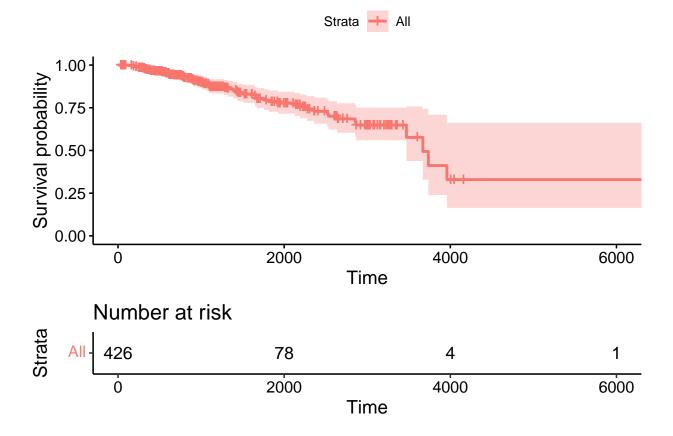
3. DBSCAN

Warning: package 'dbscan' was built under R version 3.6.2

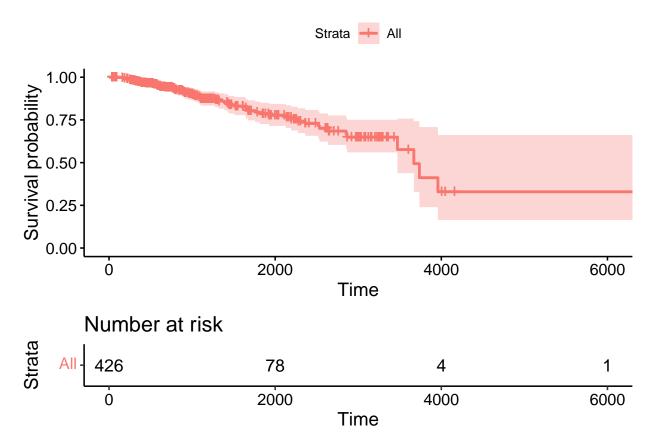


Warning in dbscan(tucker1, eps = 16, MinPts = 20): converting argument MinPts
(fpc) to minPts (dbscan)!

Warning in .pvalue(fit, data = data, method = method, pval = pval, pval.coord = pval.coord, : There
This is a null model.



Warning in .pvalue(fit, data = data, method = method, pval = pval, pval.coord = pval.coord, : There
This is a null model.



 $4.\ \mathrm{EM}$ algorithm based on GMM

Warning: package 'mclust' was built under R version 3.6.2

