June 14, 2020

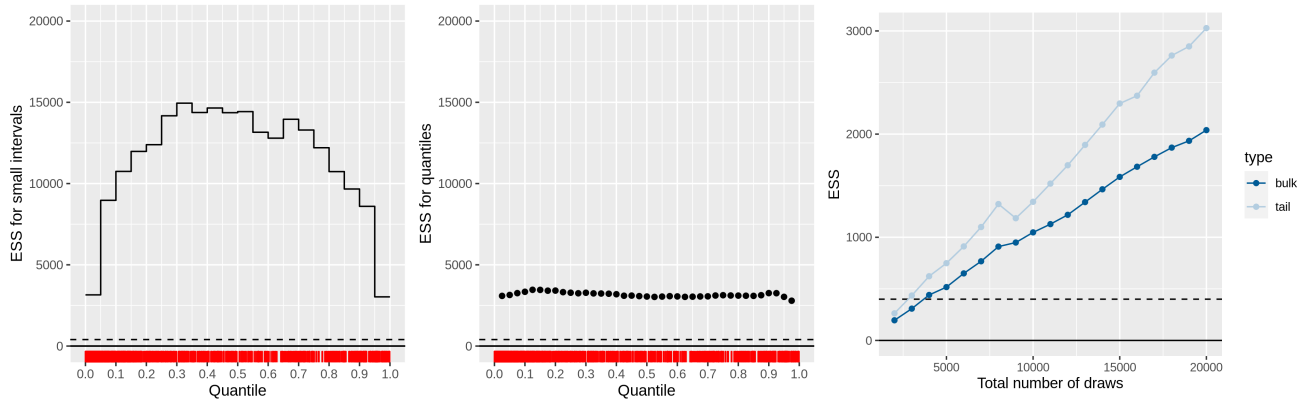# Convergence report for Bone Epith signatures ROO RData

Date of inference: 2020-06-13

Explanation of parameters Rhat indicates the ratio of variance within a change over variance pooling all chains. *We recommend running at least four chains by default and only using the sample if R-hat is less than 1.05.* ESS bulk/tail indicate the bulk/tail effective sample size estimate, i.e. show the sampling efficiency of mean and median estimates. *We recommend running at least four chains by default and only using the sample if R-hat is less than 1.05. Both bulk-ESS and tail-ESS should be at least 100 (approximately) per Markov Chain in order to be reliable and indicate that estimates of respective posterior quantiles are reliable.*

- Max Rhat: 1.00105990311876

- ess bulk: 205.767664522287

- ess tail: 234.30481514548

In the plots below ESS should have high values

Local ESS for β