

## Convergence report for Head SCC signatures ROO RData

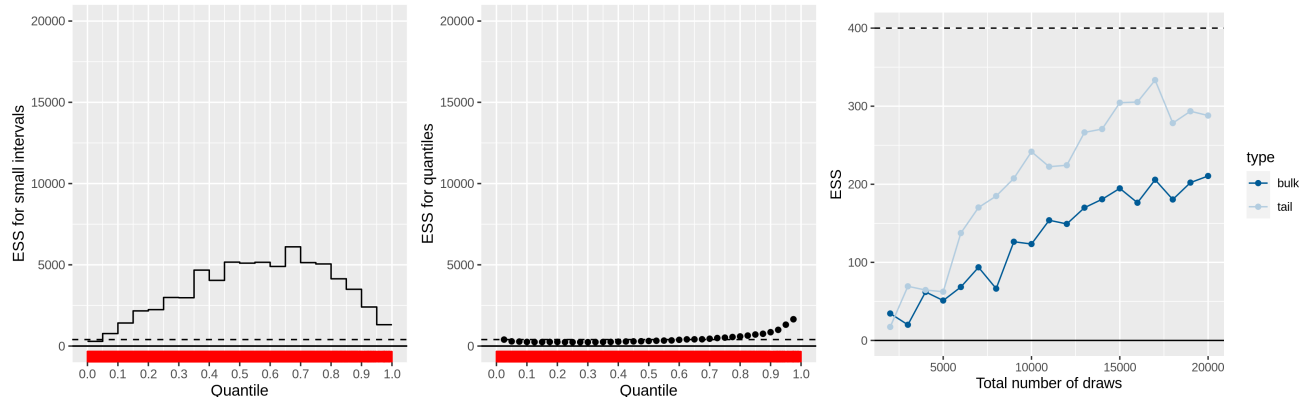
Date of inference: 2020-06-13

**Explanation of parameters** Rhat indicates the ratio of variance within a chain 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: 1.01546082620309
- ess bulk: 1539.04790698365
- ess tail: 1570.92760555479



In the plots below ESS should have high values



### Local ESS for $\beta$

