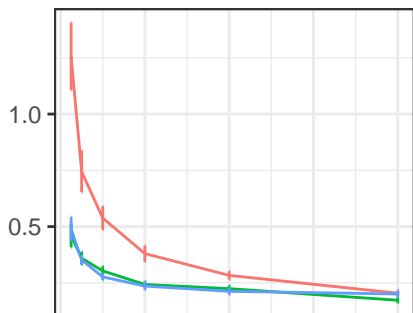
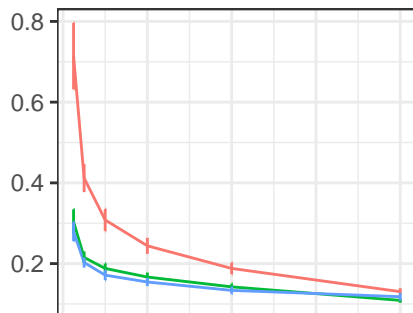
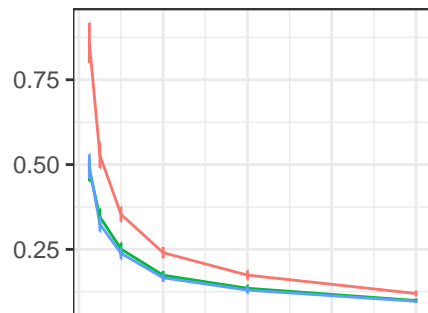
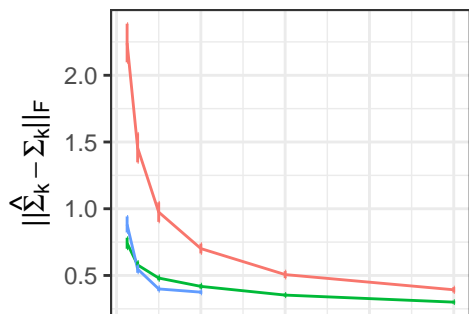
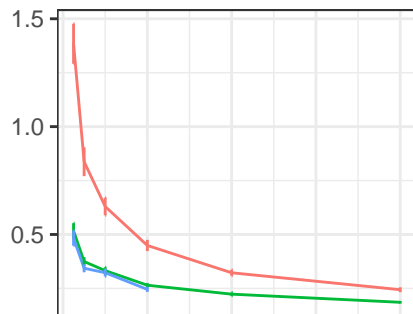
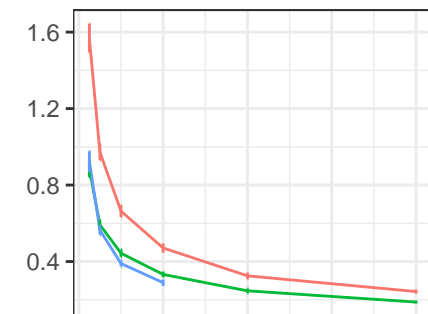
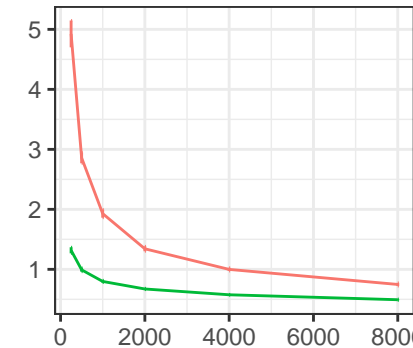
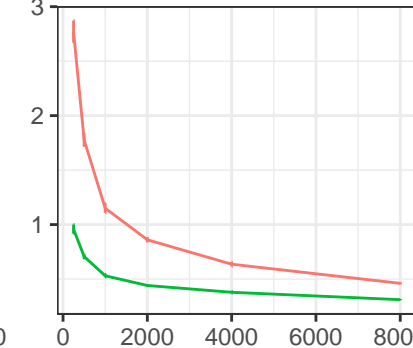
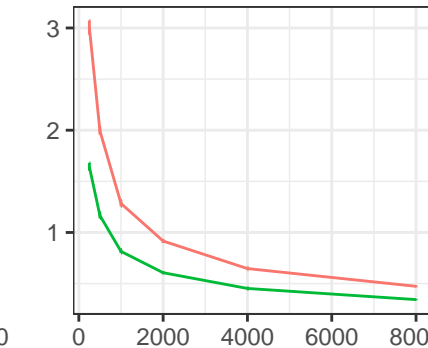
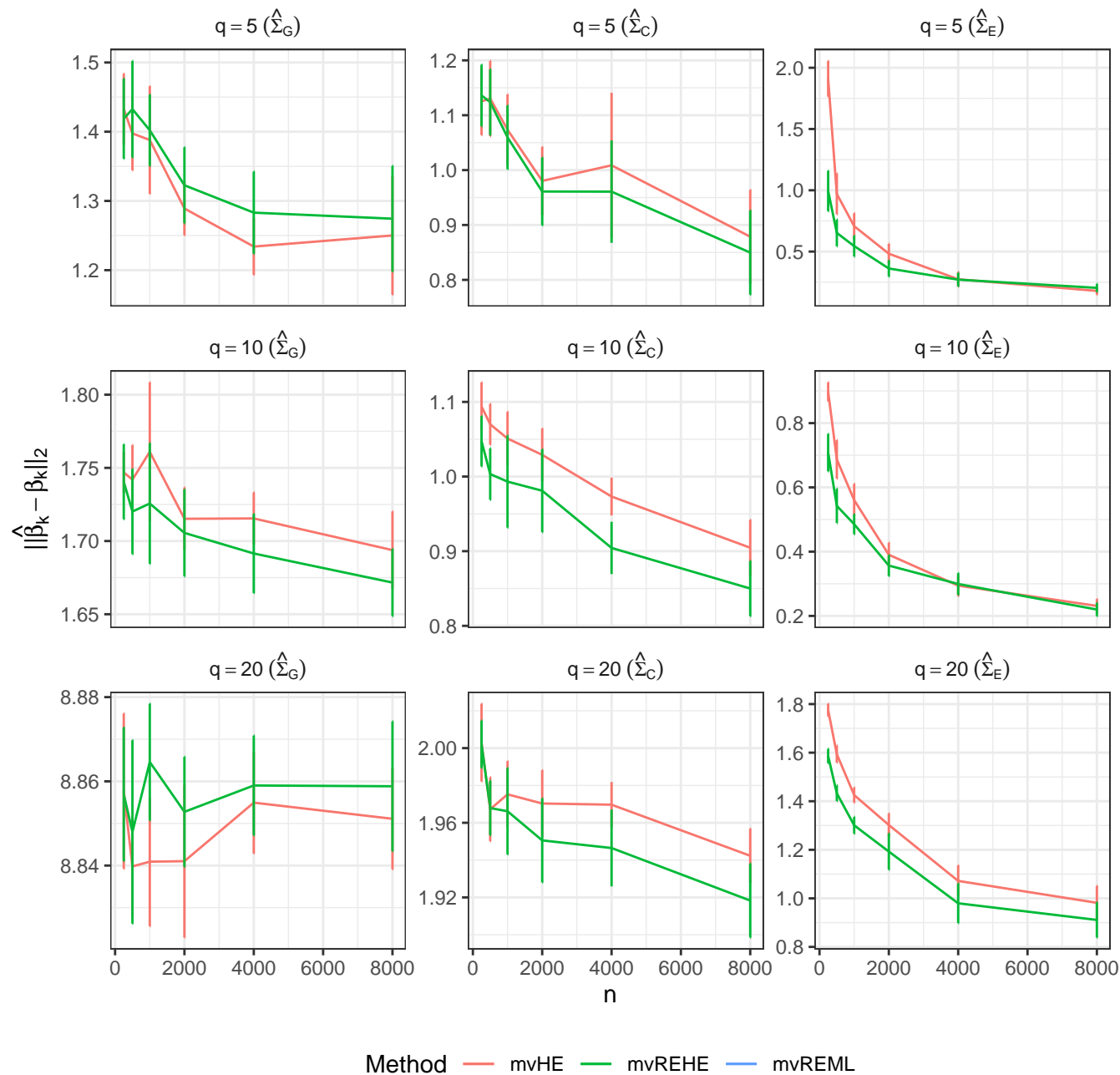
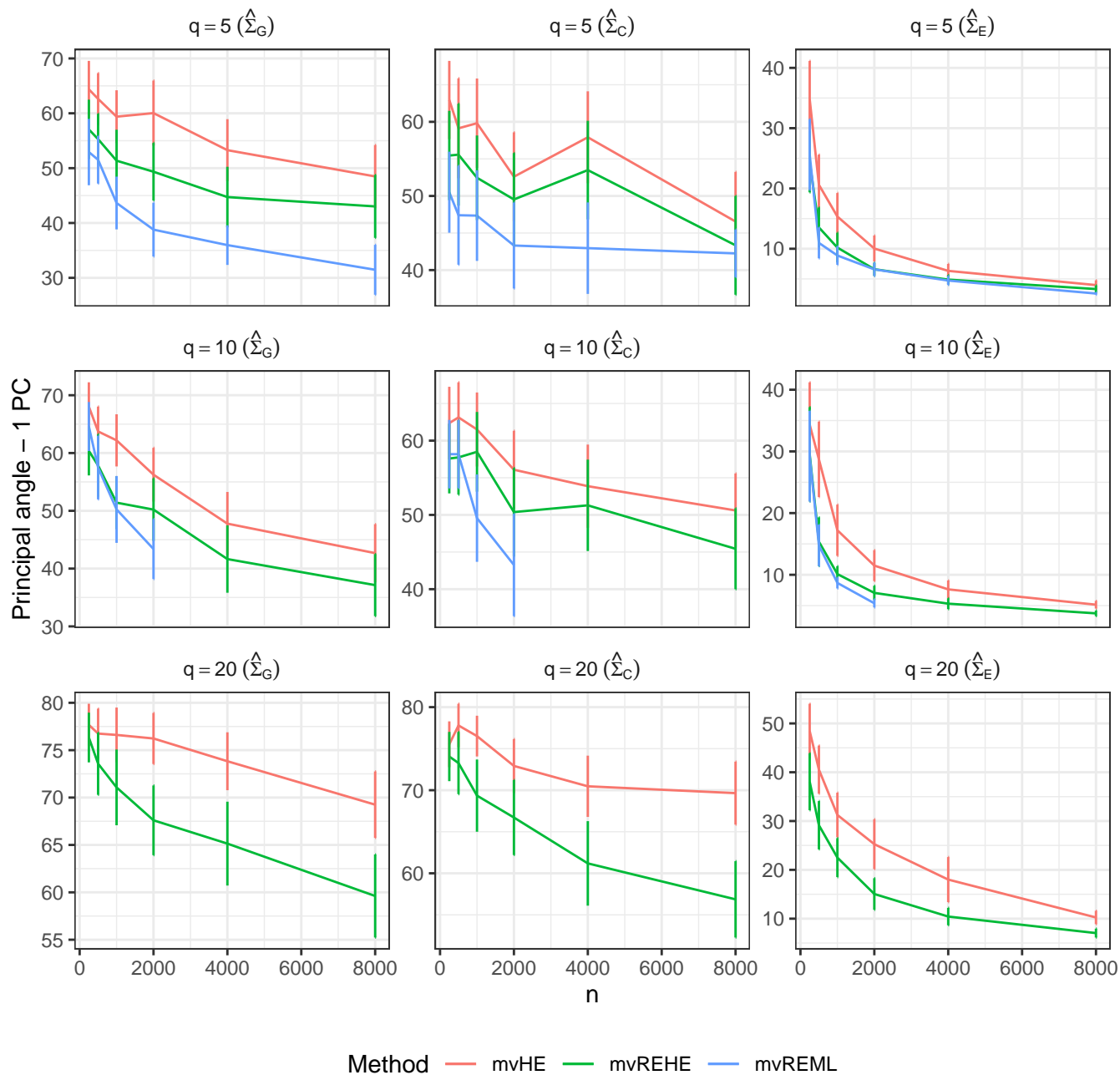


$q = 5 (\hat{\Sigma}_G)$  $q = 5 (\hat{\Sigma}_C)$  $q = 5 (\hat{\Sigma}_E)$  $q = 10 (\hat{\Sigma}_G)$  $q = 10 (\hat{\Sigma}_C)$  $q = 10 (\hat{\Sigma}_E)$  $q = 20 (\hat{\Sigma}_G)$  $q = 20 (\hat{\Sigma}_C)$  $q = 20 (\hat{\Sigma}_E)$  $n$ 

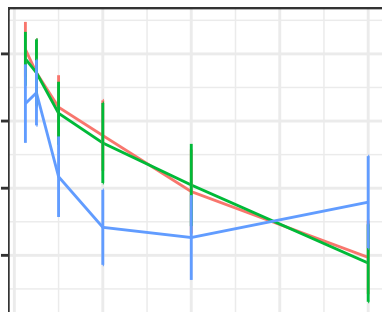
Method mvHE mvREHE mvREML



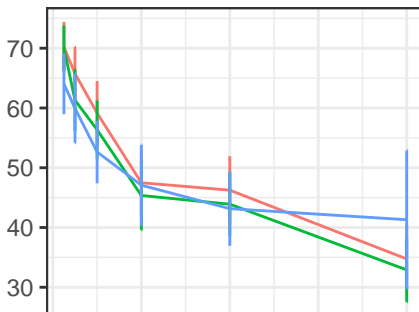


Max principal angle - 3 PCs

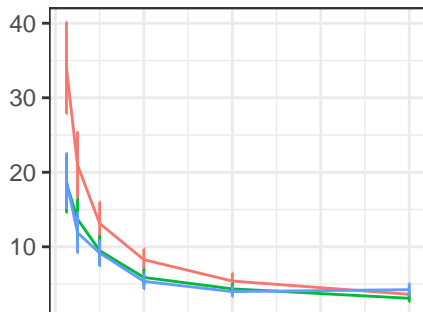
$q = 5 (\hat{\Sigma}_G)$



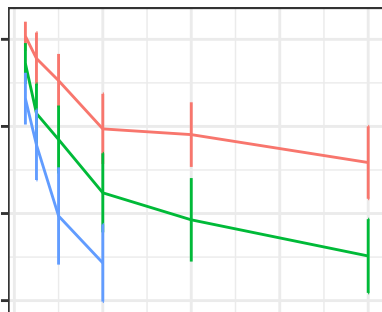
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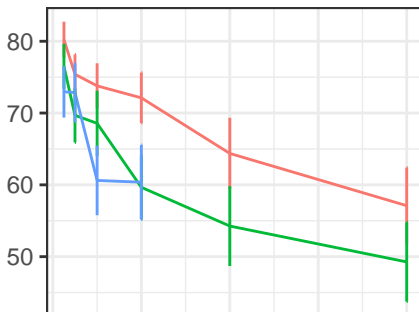
$q = 5 (\hat{\Sigma}_E)$



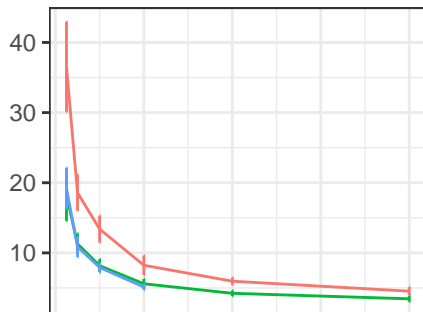
$q = 10 (\hat{\Sigma}_G)$



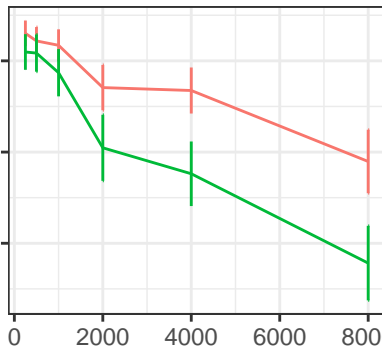
$q = 10 (\hat{\Sigma}_C)$



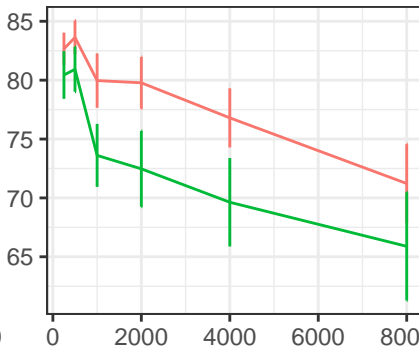
$q = 10 (\hat{\Sigma}_E)$



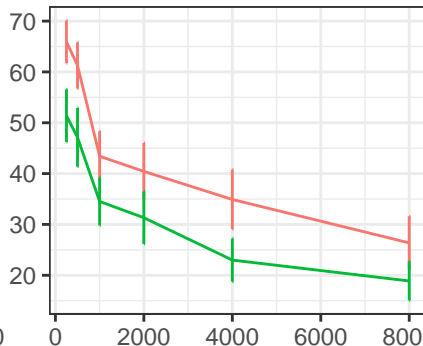
$q = 20 (\hat{\Sigma}_G)$



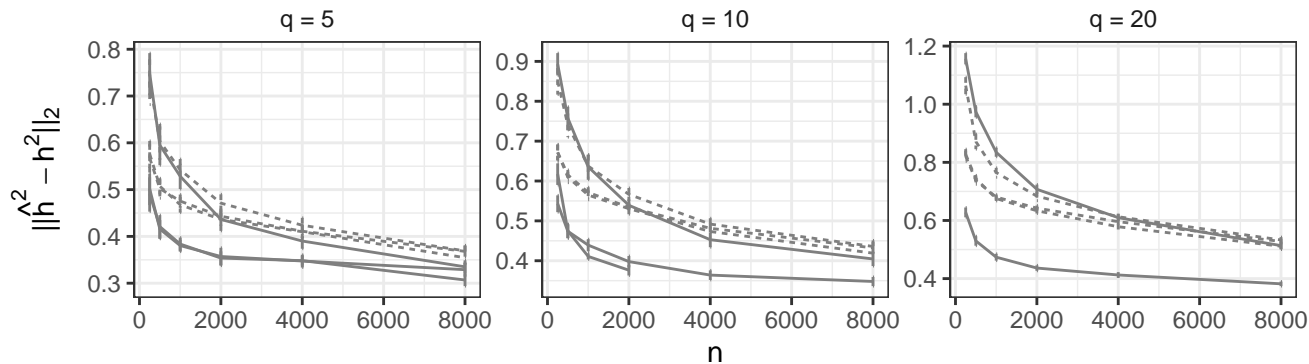
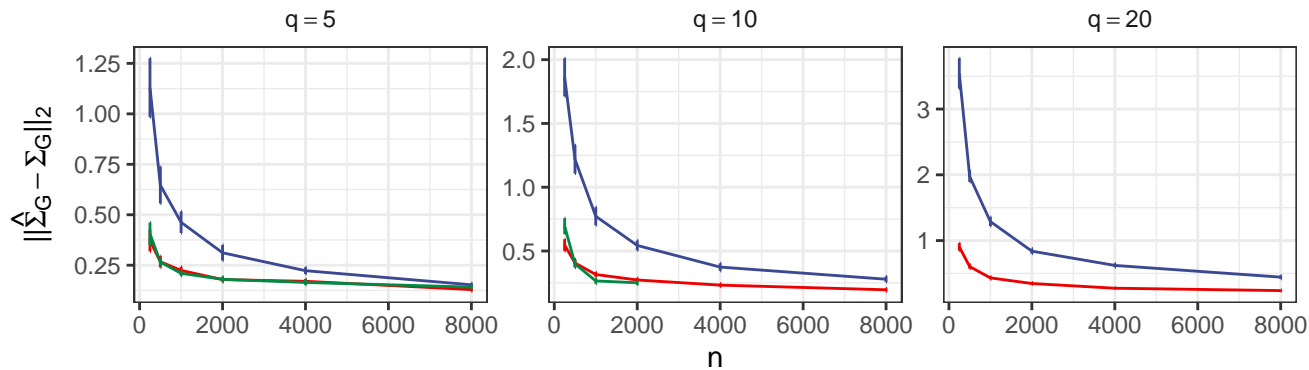
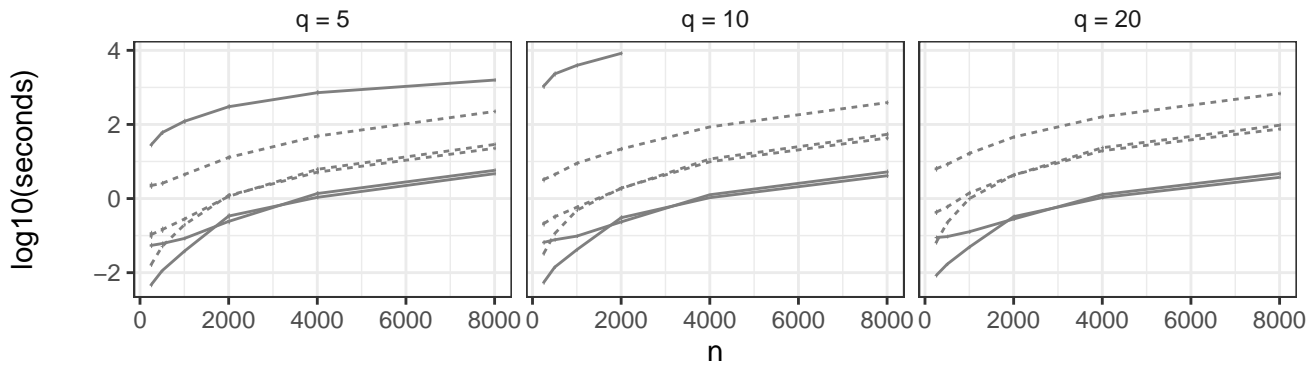
$q = 20 (\hat{\Sigma}_C)$



$q = 20 (\hat{\Sigma}_E)$



Method mvHE mvREHE mvREML



— Multivariate    - - - Univariate    Method    — NA