

Benchmarking computational efficiency of TreeSE methods

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Data characteristics

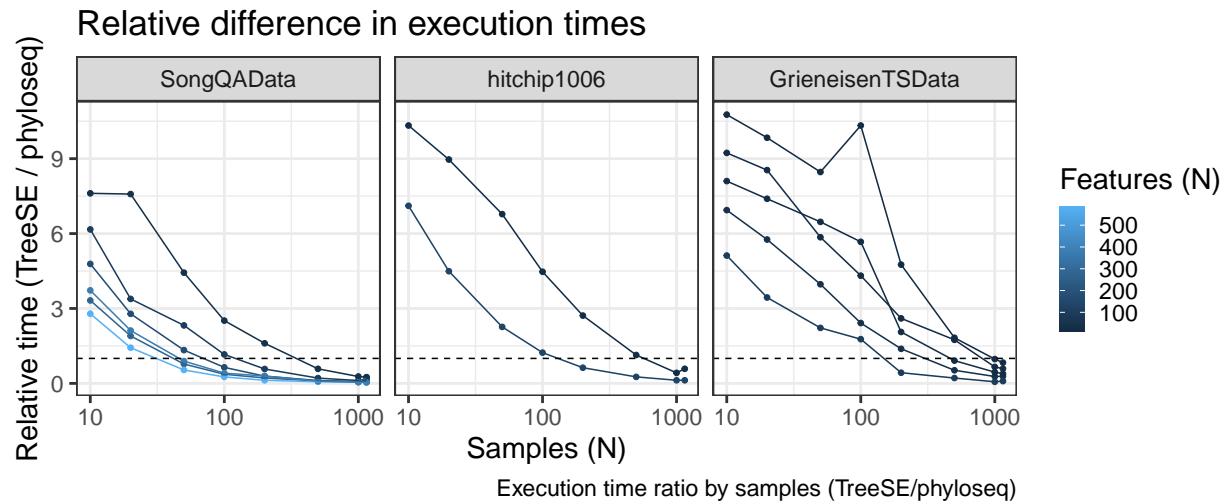
Full sample sizes by data set:

Dataset	N
hitchip1006	1151
SongQAData	1522
GrieneisenTSDData	16234

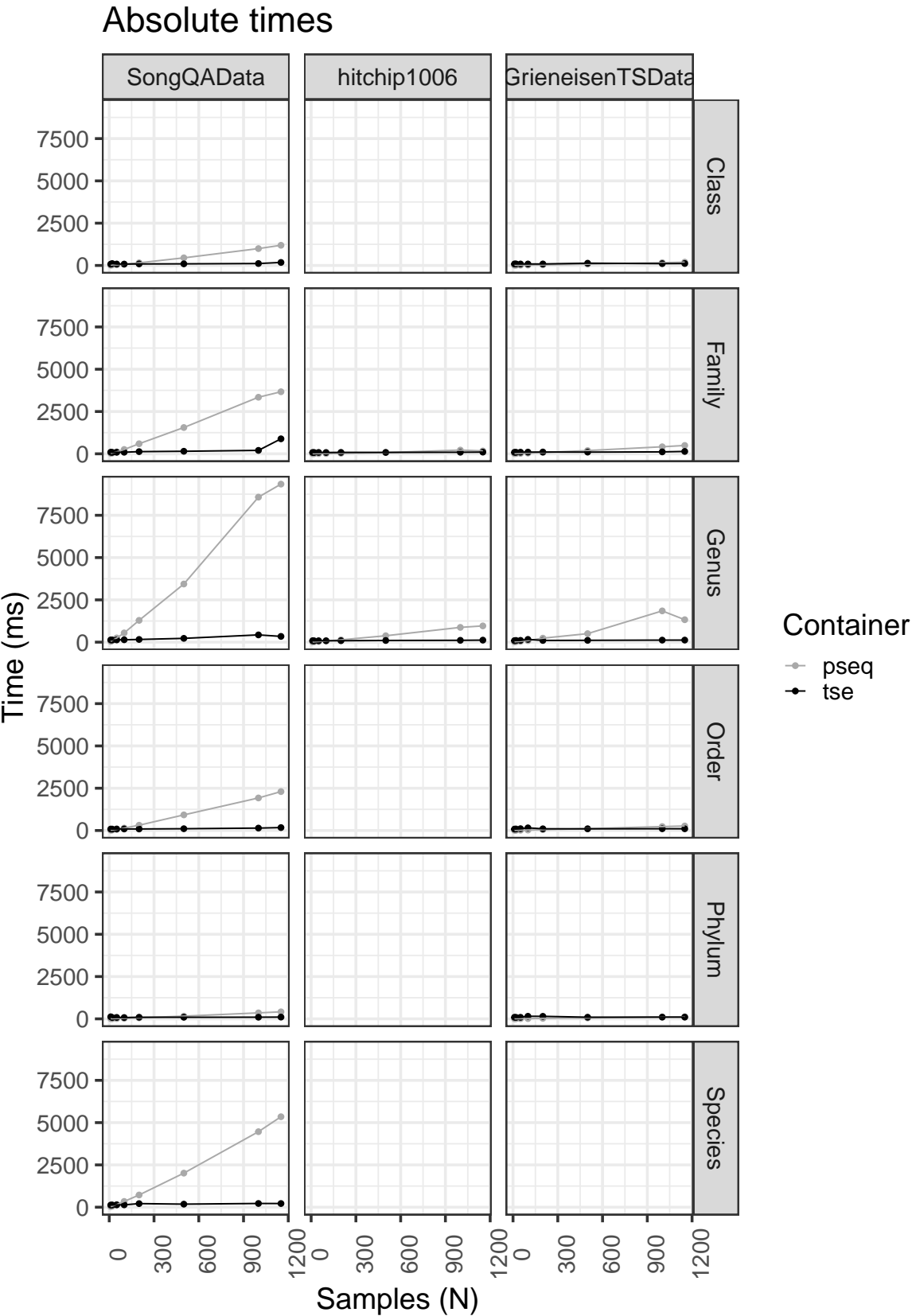
Feature counts by data set:

Rank	SongQAData	hitchip1006	GrieneisenTSDData
Phylum	39	0	12
Class	92	0	18
Order	167	0	24
Family	271	22	40
Species	375	0	0
Genus	583	130	92

Relative differences in execution time by sample size



Absolute execution time by sample size



Execution time comparison between TreeSE and phyloseq.

Execution times vs number of features

