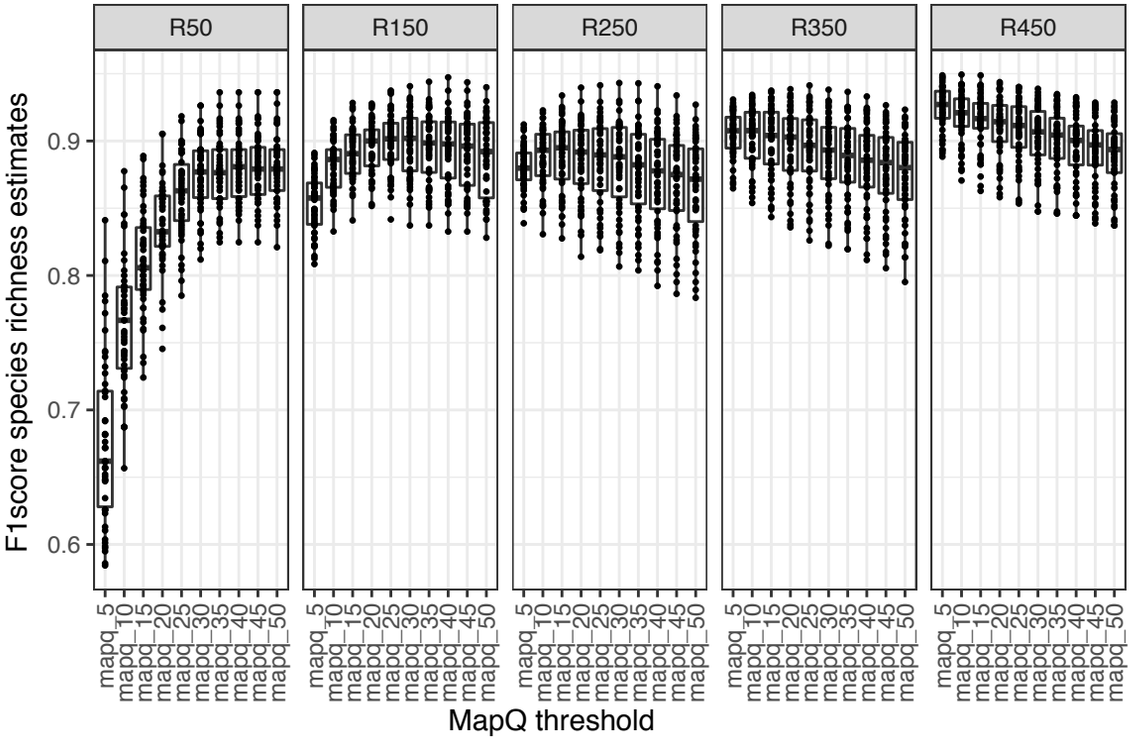
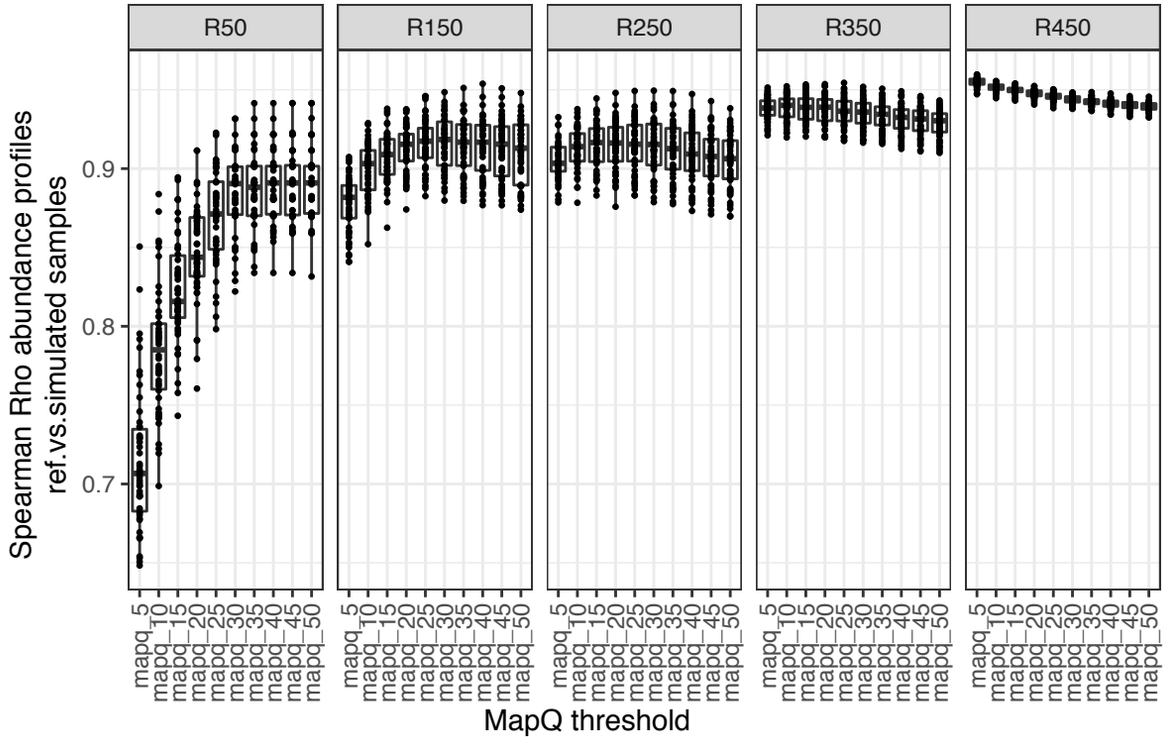
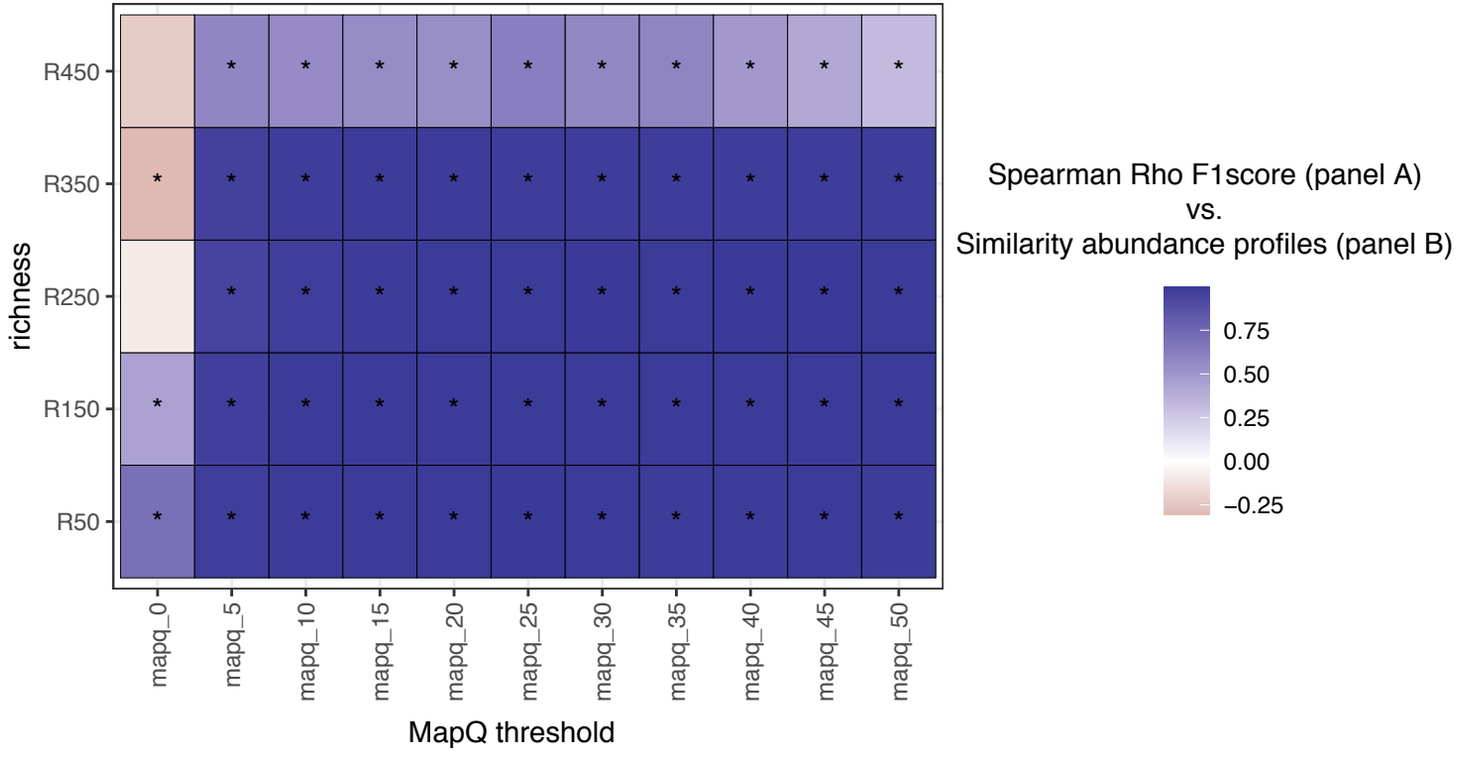

R50
R150
R250
R350
R450
F1score species richness estimates
0.9
0.8
0.7
0.6
mapq_5
mapq_10
mapq_15
mapq_20
mapq_25
mapq_30
mapq_35
mapq_40
mapq_45
mapq_50
MapQ threshold


R50
R150
R250
R350
R450
Spearman Rho abundance profiles
ref.vs.simulated samples
0.9
0.8
0.7
mapq_5
mapq_10
mapq_15
mapq_20
mapq_25
mapq_30
mapq_35
mapq_40
mapq_45
mapq_50
MapQ threshold


richness
R450
R350
R250
R150
R50
mapq_0
mapq_5
mapq_10
mapq_15
mapq_20
mapq_25
mapq_30
mapq_35
mapq_40
mapq_45
mapq_50
MapQ threshold
Spearman Rho F1score (panel A)
vs.
Similarity abundance profiles (panel B)
0.75
0.50
0.25
0.00
−0.25