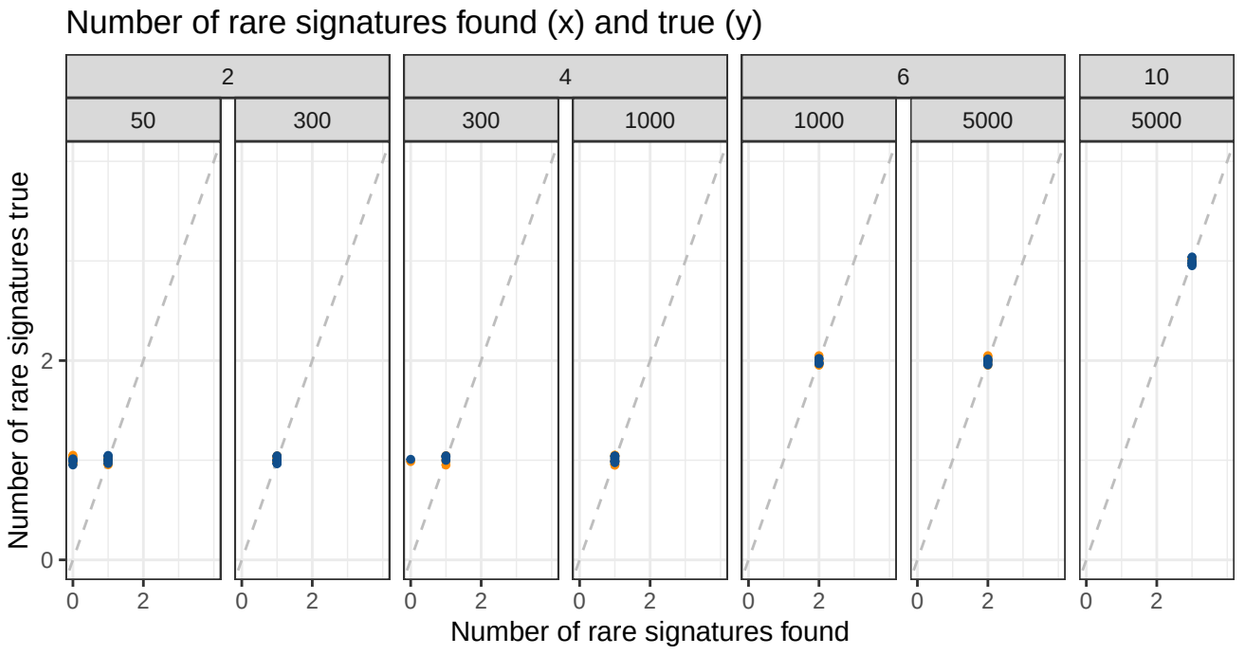
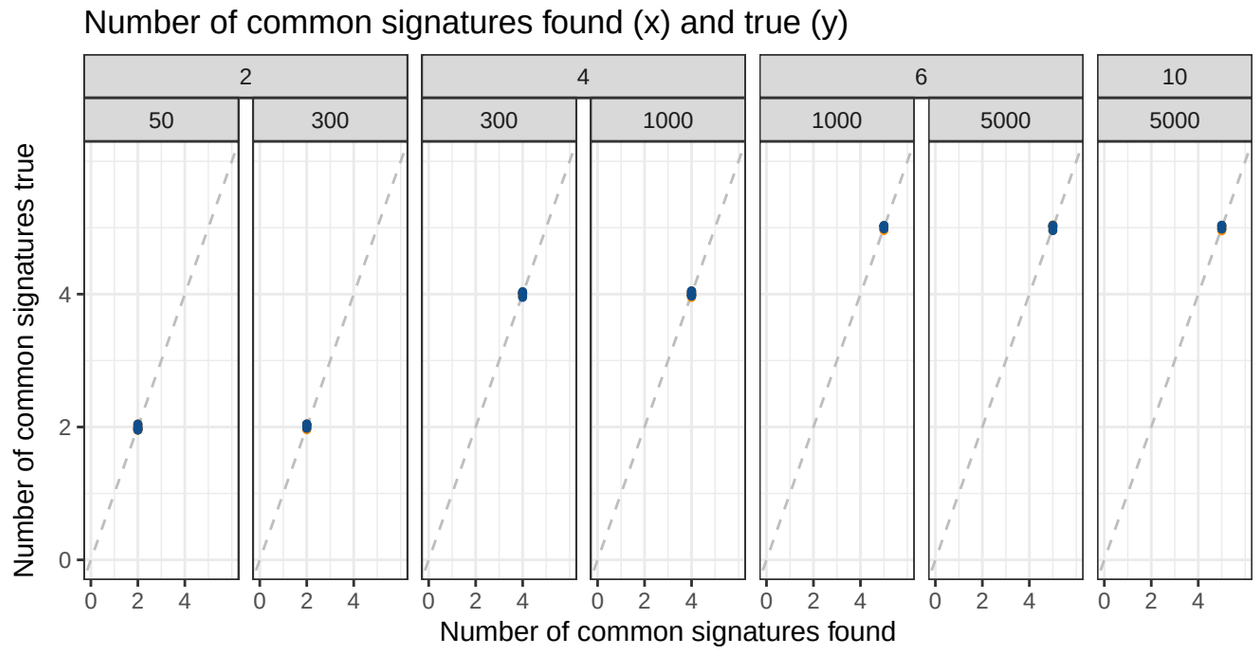
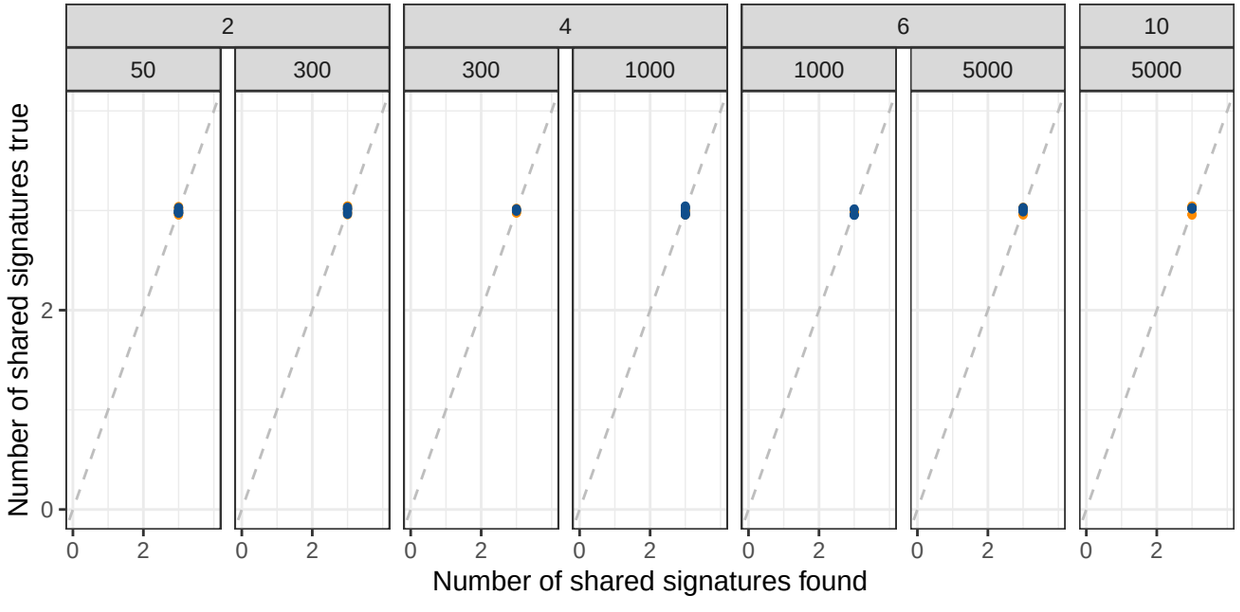
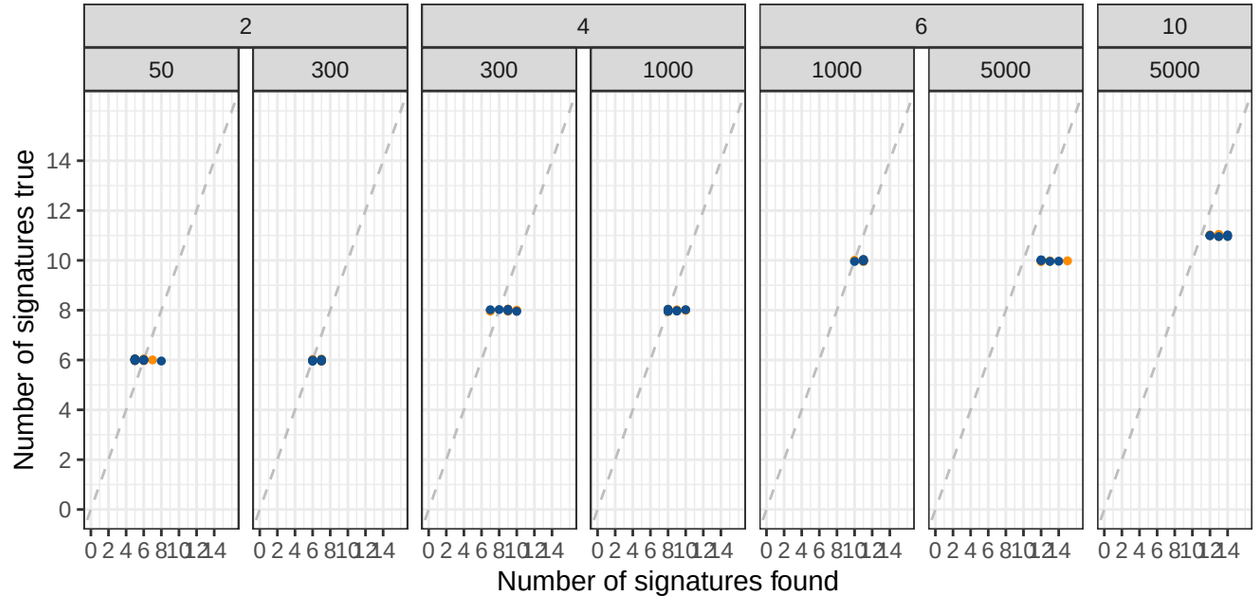
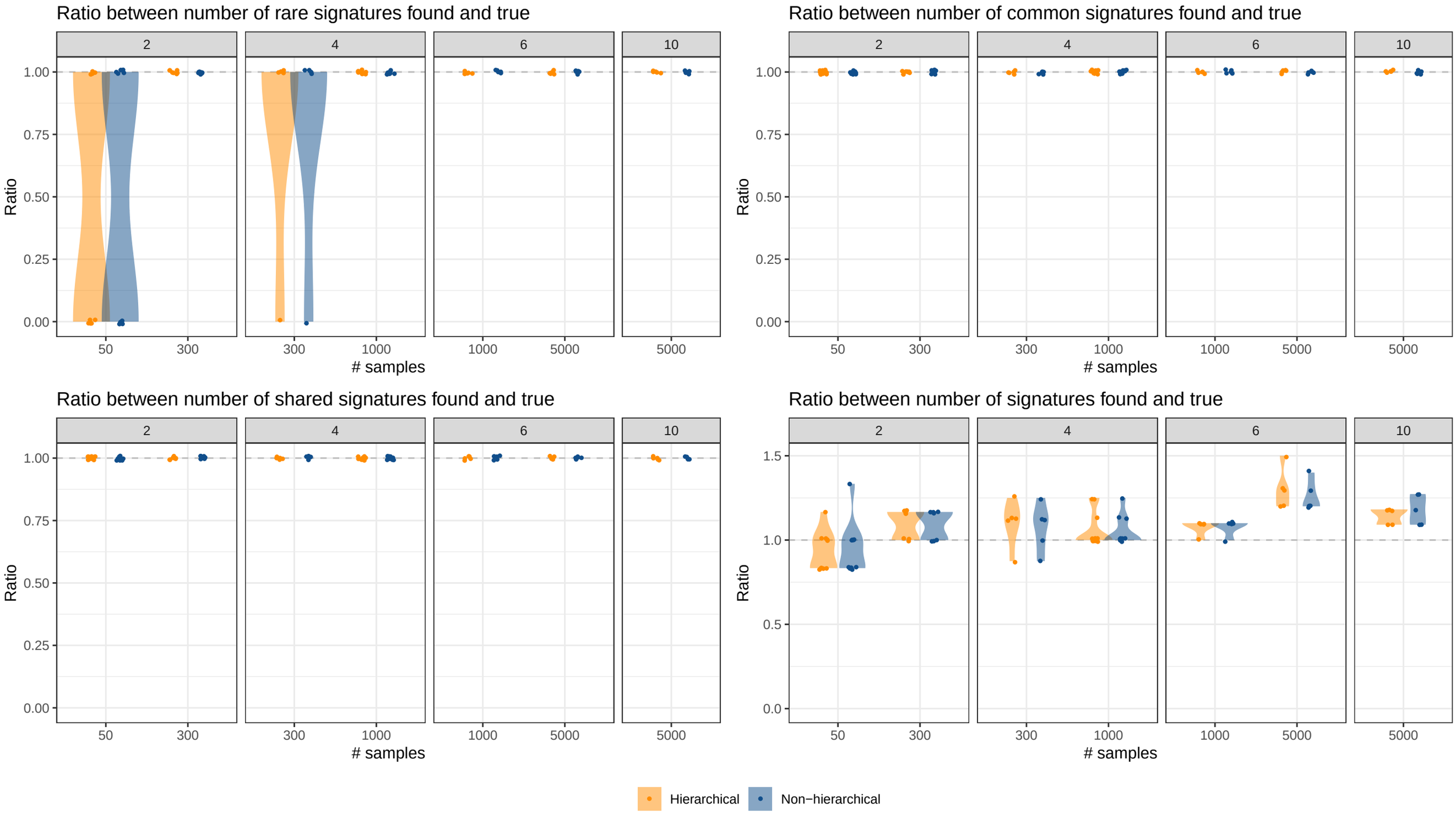


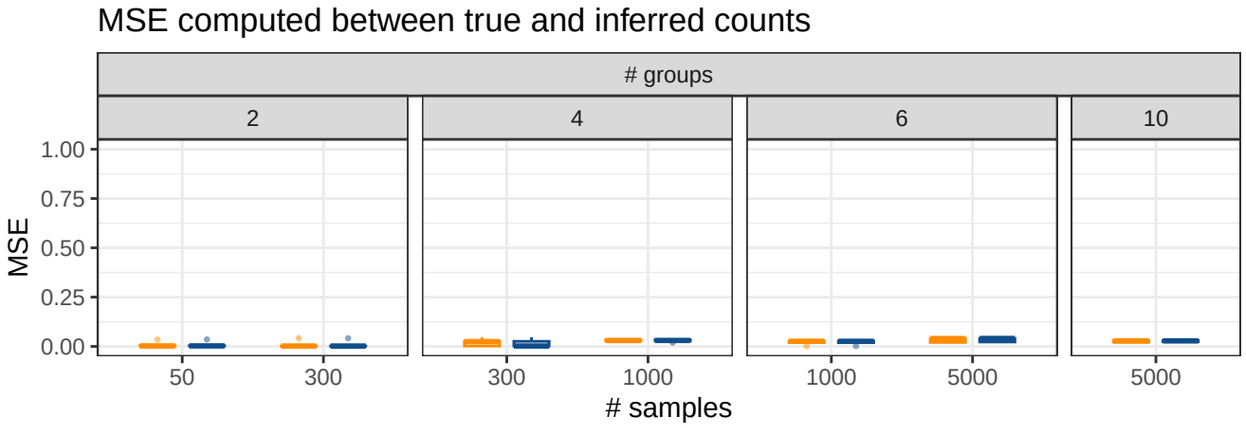


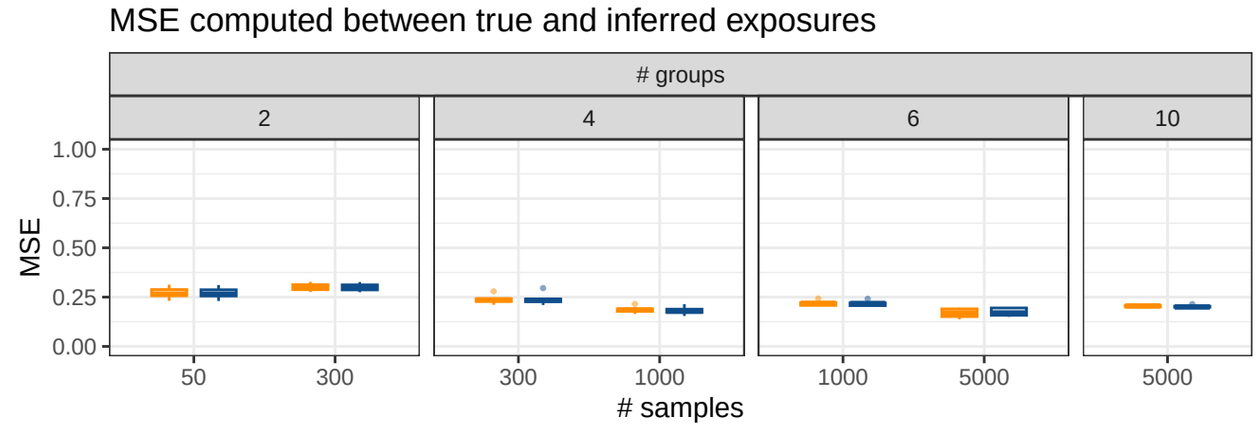


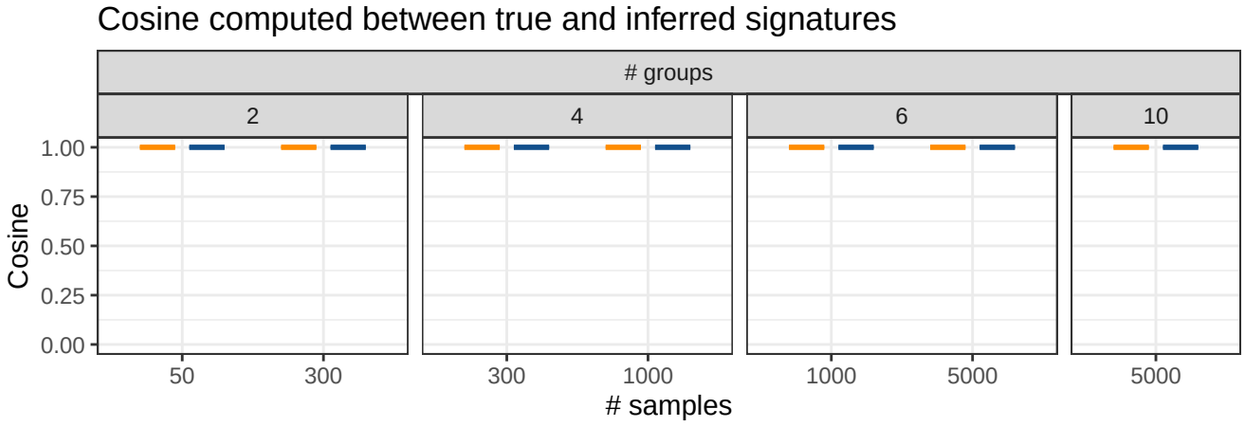


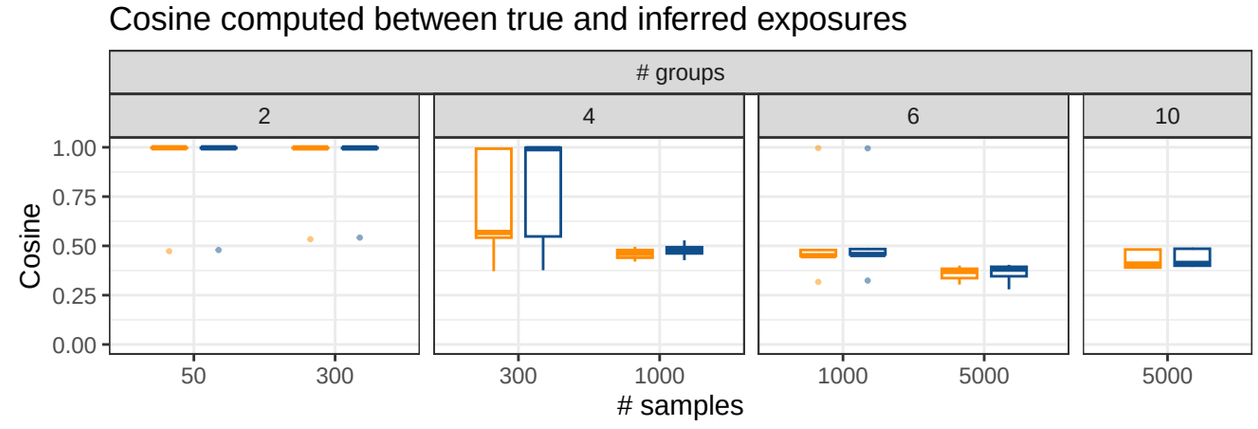
Hierarchical Non−hierarchical

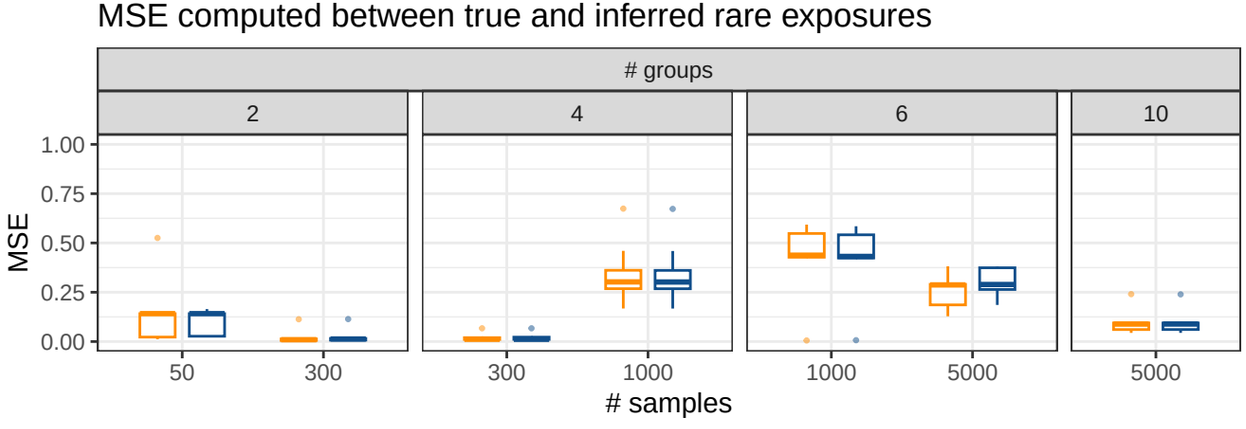

Ratio between number of rare signatures found and true
Ratio between number of common signatures found and true
Ratio between number of shared signatures found and true
Ratio between number of signatures found and true
2
4
6
10
Ratio
samples
50
300
1000
5000
0.00
0.25
0.50
0.75
1.00
0.0
0.5
1.0
1.5
Hierarchical
Non−hierarchical


MSE computed between true and inferred counts
groups
2
4
6
10
MSE
1.00
0.75
0.50
0.25
0.00
50
300
300
1000
1000
5000
5000
samples


MSE computed between true and inferred exposures
groups
2
4
6
10
MSE
1.00
0.75
0.50
0.25
0.00
50
300
300
1000
1000
5000
5000
samples


Cosine computed between true and inferred signatures
groups
2
4
6
10
Cosine
1.00
0.75
0.50
0.25
0.00
50
300
300
1000
1000
5000
5000
samples


Cosine computed between true and inferred exposures
groups
2
4
6
10
Cosine
1.00
0.75
0.50
0.25
0.00
50
300
300
1000
1000
5000
5000
samples


MSE computed between true and inferred rare exposures
groups
2
4
6
10
MSE
1.00
0.75
0.50
0.25
0.00
50
300
300
1000
1000
5000
5000
samples

Hierarchical
Non−hierarchical