

gamma0 5pct 10pct 25pct 50pct 100pct 10 50 100 1.0 -0.5 -0 0.0 -1.0 -0.5 -0.0 -0.5 5 10 20 50 5 10 20 50 5 10 20 50 5 10 20 50 10 20 50 10 20 50 5 10 20 50 5 5 10 20 50 Number of clusters

model • knowsizes

alpha1 5pct 10pct 25pct 50pct 100pct 10 50 100 0.6 0.4 0 0.2 -0.0 <u>Bias</u> 0.4 -0.2



Number of clusters

5 10 20 50

5 10 20 50

10 20 50

5

10 20 50

0.0

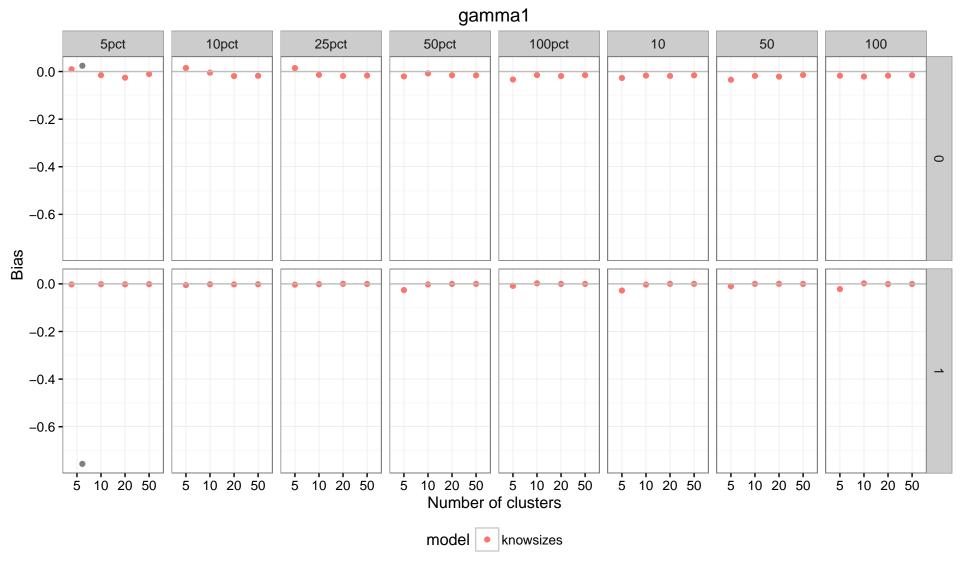
10 20 50

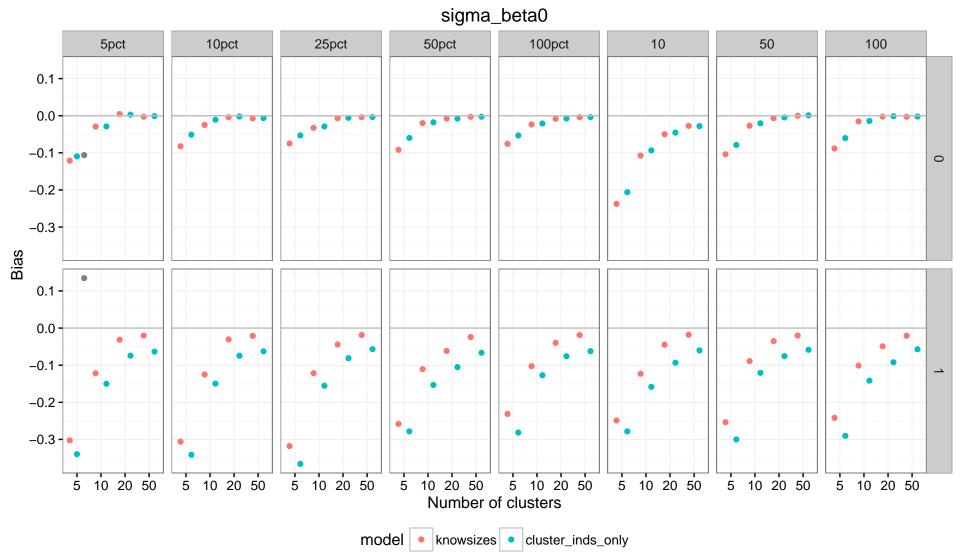
10 20 50

5 10 20 50

5

10 20 50





sigma\_beta1 5pct 10pct 25pct 50pct 100pct 10 50 100 0.0 -0.1 **-**-0.2 **-**0 -0.3 <u>se</u> –0.4 – 0.0 -0.1 -0.2 **--0.3** --0.4 10 20 50 5 10 20 50 5 10 20 50 5 10 20 50 10 20 50 10 20 50 5 10 20 50 5 10 20 50 5 Number of clusters

model • knowsizes • cluster\_inds\_only

