alpha0 100pct 5pct 10pct 25pct 50pct ××× ×××× ××× 1.0 - ×××  $\times \times \times \times \times$  $\times \times \times \times \times$ ×××× ×× ×××× ××× ×× 0.8 0 0 0.6 0 0 0 0 0.4 -0 0 Coverage -0.1 ×××× X XX ×× X 0.8 -0.6 0.4 -0.2 -10 20 50 10 20 50 5 10 20 50 20 50 10 20 50 10 20 50 20 50 10 20 50 Number of clusters

model • knowsizes • cluster\_inds\_only

nominal coverage % | 0 | 50 | × | 95

gamma0 100pct 5pct 10pct 25pct 50pct 10 50 100 1.0 ×× × × × × X 0.8 -0 0.6 0 0 0 0 0 0 0 0.4 -Coverage 1.0 -× 0.8 -0 0.6 0 0 0 0 0 0 0 0 0 0.4 -0



Number of clusters

5 10 20 50

5 10 20 50

10 20 50

5

5 10 20 50

5 10 20 50

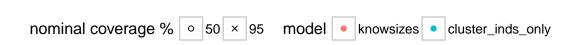
0.2

10 20 50

10 20 50

5 10 20 50

alpha1 5pct 10pct 25pct 50pct 100pct 10 50 100 1.00 - $\times \times \times$  $\times \times \times$  $\times \times \times \times$ v ×××× 0 0.75 00 0 0 0 0 0 0 0 0 0 0 0 0 0.50 0 0 0 00 0 0 00 0 0.25 Coverage - 00.0 -X 0.75 -×o × × ×o 0 o xo X 0 0 ×o × 0 0 0 ×o 0 0 0 0 0.50 ×o × × 0.25 -0 0 0 0 o



Number of clusters

10 20 50

10 20 50

0.00

10 20 50

10 20 50

10 20 50

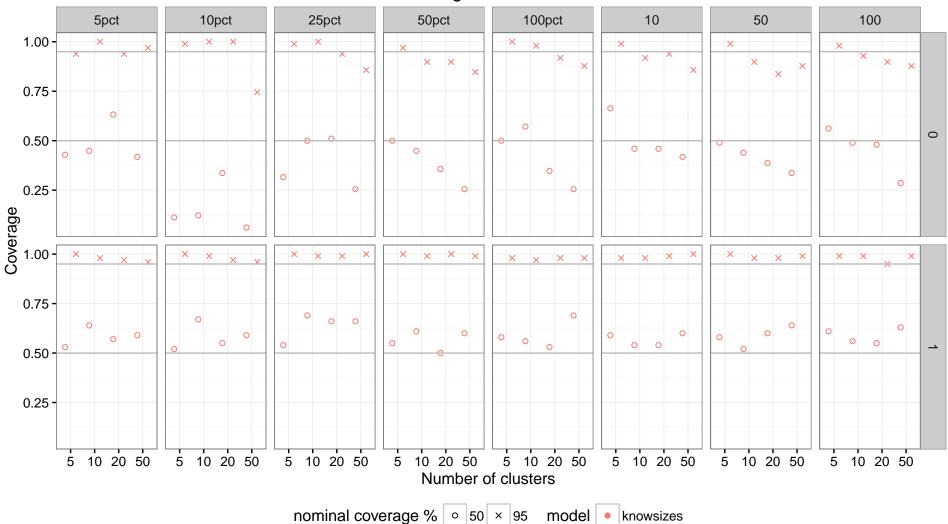
oX

10 20 50

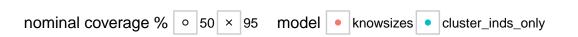
10 20 50

5 10 20 50

gamma1



sigma\_beta0 100pct 5pct 10pct 25pct 50pct 10 50 100  $1.0 + \times \times \times \times \times \times \times$ ××××××× ××××× 0 0.8 -0 00 0 0 0 0 0 0 0000 0 0.6 0 0 0 00 0 0 0 0 0 0 0 0 0 0.4 Coverage - 0.1 0 00 ××× ×××, 0.8 0 0 0 0 0 0 0.6 0 0 0 0 00 00 O 0 0 0 0 0 0 0 0 0 0 0.4 -0 0 0 0 0



Number of clusters

5

10 20 50

5 10 20 50

10 20 50

10 20 50

5

0.2

10 20 50

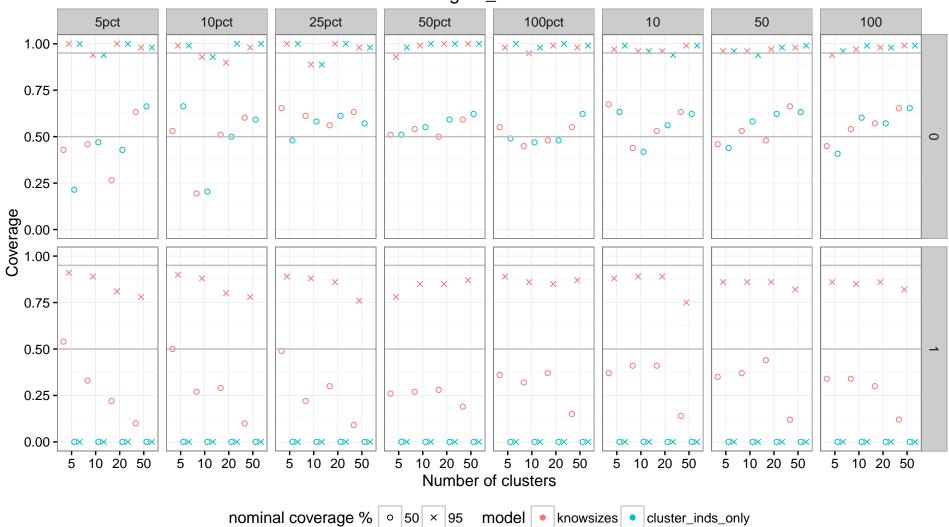
10 20 50

5 10 20 50

5

10 20 50

sigma\_beta1



sigma\_y 5pct 10pct 25pct 100pct 10 50 100 50pct 1.00 - $\times \times \times \times \times$ ×××× ×× X ××  $\times$   $\times$   $\times$ 0.75 -0 00 00 00 0.50 0000 00 00 00 Coverage to coverage 00 0 00 - 00.  $\times \times \times \times$ ×× 0 0 0.75 -00 0.50 00 0 0 0000 0.25 -10 20 50 5 10 20 50 10 20 50 5 10 20 50 5 10 20 50 5 10 20 50 5 10 20 50 5 10 20 50 Number of clusters

model • knowsizes • cluster\_inds\_only

nominal coverage % | ∘ |50| × |95

ybar\_new

