Sim – true score variance (meta–analytic estimate) Columns = CV\_E, Rows = CV\_T, Package = metafor 0 0.2 0.3 0.1 7.5 **-**5.0 -2.5 -0.0 -7.5 **-**Estimated true score variance 0.1 0.2 2.5 -0.0 -7.5 **-**0.3 5.0 -2.5 -0.0 -2.5 5.0 7.5 5.0 5.0 7.5 5.0 7.5 7.5 2.5 2.5 2.5 Simulated true score variance

Sim – error variance (meta–analytic estimate) Columns = CV\_E, Rows = CV\_T, Package = metafor 0 0.1 0.2 0.3 7.5 **-**0 5.0 -2.5 -7.5 **-**Estimated error variance 0.1 0.2 2.5 -7.5 -0.3 5.0 -2.5 -5.0 7.5 2.5 5.0 Simulated error variance 2.5 5.0 7.5 5.0 2.5 5.0 7.5 2.5 7.5

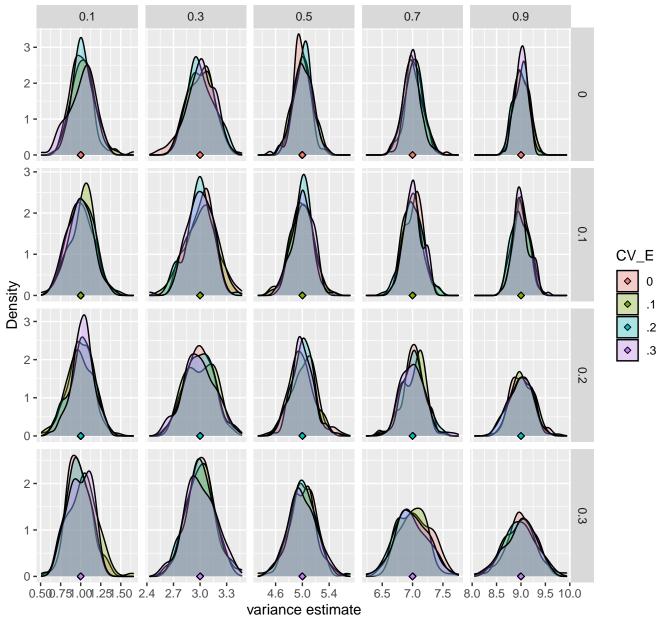
Sim – true score variance (mean) Columns = CV\_E, Rows = CV\_T, Package = metafor 0 0.3 0.1 0.2 10.0 -7.5 -5.0 **-**2.5 -10.0 -7.5 **-**Estimated true score variance 0.1 5.0 -2.5 -10.0 -7.5 -0.2 5.0 -2.5 -10.0 -7.5 **-**0.3 5.0 -2.5 -5.0 2.5 7.5 5.0 5.0 2.5 7.5 5.0 2.5 7.5 2.5 7.5 Simulated true score variance

Sim – error variance (mean) Columns = CV\_E, Rows = CV\_T, Package = metafor 0 0.1 0.2 0.3 7.5 -5.0 -2.5 -7.5 **-**Estimated error variance 0.1 0.2 2.5 -7.5 **-**0.3 5.0 -2.5 -5.0 7.5 2.5 5.0 Simulated error variance 2.5 5.0 7.5 5.0 2.5 5.0 7.5 2.5 7.5

Sim – true score variance (meta–analytic estimate) Columns = Reliability, Rows = CV\_T, Package = metafor 0.1 0.3 0.5 0.7 0.9 3 -2 -1 -3 -2 - $\mathsf{CV}_\mathsf{E}$ 1 -0 Density 0 .2 .3 2 -1 -0 -3 -2 -1 -2.5 5.0 7.5 10.0 2.5 5.0 7.5 10.0 2.5 5.0 7.5 10.0 2.5 5.0 7.5 10.0 2.5 5.0 7.5 10.0 variance estimate

## Sim – true score variance (meta–analytic estimate)

Columns = Reliability, Rows = CV\_T, Package = metafor



0

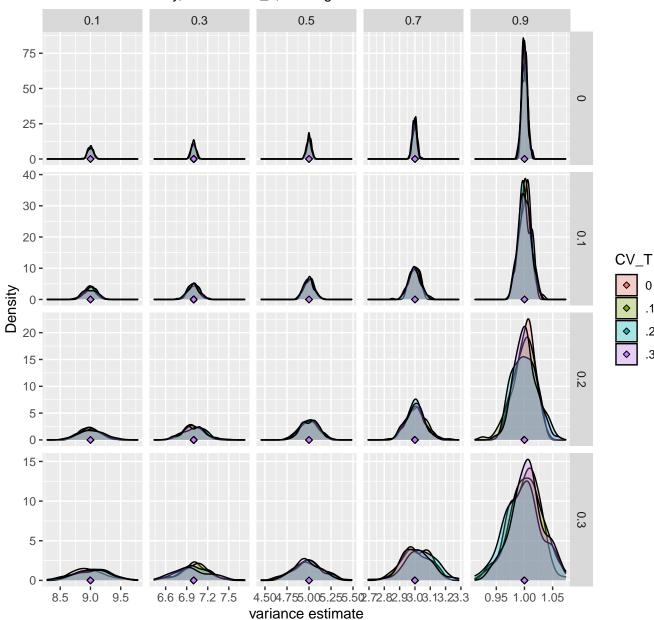
.2 .3

Sim – error variance (meta–analytic estimate) Columns = Reliability, Rows = CV\_T, Package = metafor 0.1 0.3 0.5 0.7 0.9 120 -80 -40 -120 -80 - $CV_T$ 40 -Density 80 -40 -120 -80 -40 -2.5 5.0 7.5 10.0 2.5 5.0 7.5 10.0 2.5 5.0 7.5 10.0 2.5 5.0 7.5 10.0 2.5 5.0 7.5 10.0 variance estimate

0

Sim – error variance (meta–analytic estimate)

Columns = Reliability, Rows = CV\_T, Package = metafor

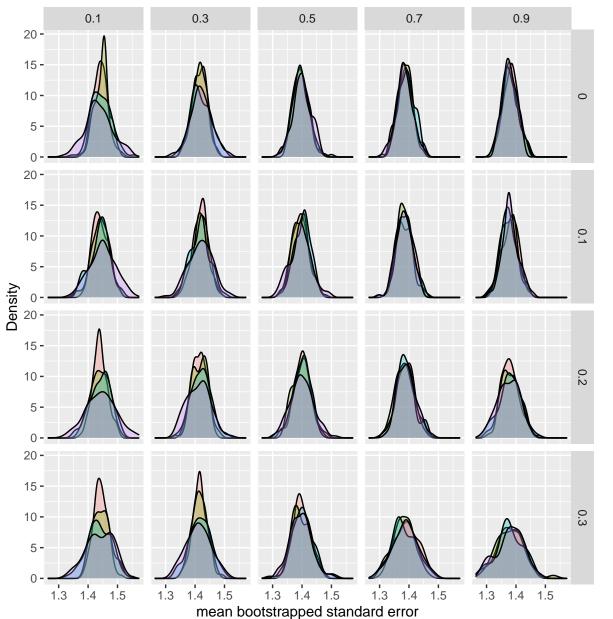


0

.1 .2 .3

Sim – Standard Error true score variance

Columns = Reliability, Rows = CV\_T, Package = metafor

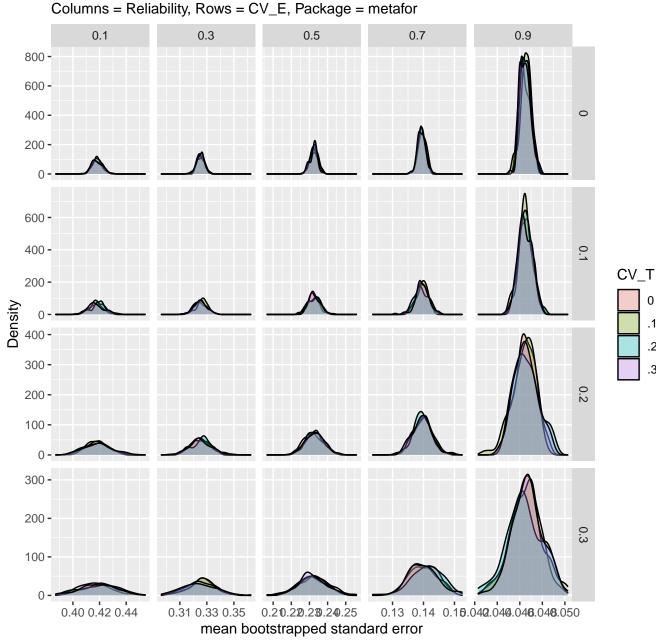


CV\_E

0

.1 .2

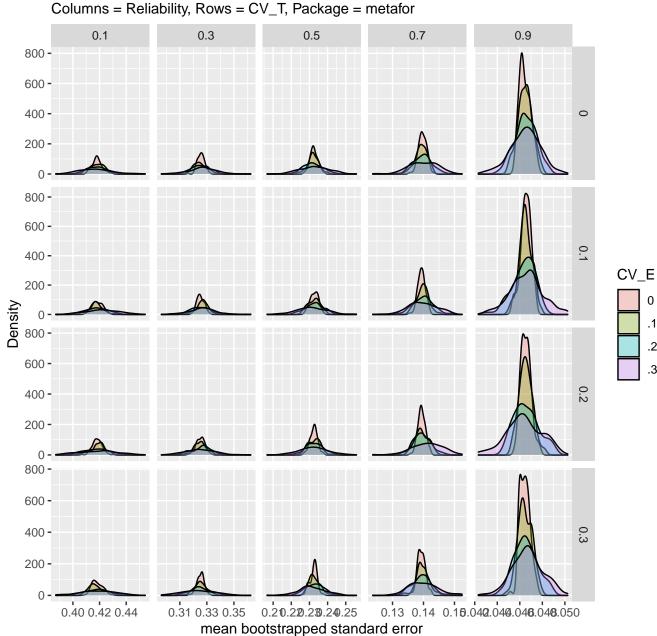
Sim – Standard Error error variance



0

.2

Sim – Standard Error error variance



0

.1 .2