

## Study

Log VR [95% CI]

## medicated and unmedicated

da Silva Alves et al. 2011

Kegeles et al. 2012

Kaminski et al. 2019

RE model for subgroup ( $Q = 11.83$ ,  $df = 2$ ,  $p = 0.00$ ;  $I^2 = 85.0\%$ )

-0.20 [-0.65, 0.25]

0.81 [0.42, 1.20]

0.19 [-0.12, 0.49]

0.27 [-0.29, 0.83]

## naïve

Goto et al. 2012

Smesny et al. 2015

Chen et al. 2017

RE model for subgroup ( $Q = 4.82$ ,  $df = 2$ ,  $p = 0.09$ ;  $I^2 = 58.1\%$ )

-0.36 [-0.83, 0.12]

-0.44 [-0.80, -0.09]

0.14 [-0.27, 0.55]

-0.22 [-0.59, 0.14]

## medicated

Jessen et al. 2013

Coughlin et al. 2015

Goldstein et al. 2015

Hugdahl et al. 2015

Iwata et al. 2019

Wang et al. 2019

RE model for subgroup ( $Q = 4.75$ ,  $df = 5$ ,  $p = 0.45$ ;  $I^2 = 9.3\%$ )

-0.10 [-0.54, 0.35]

0.10 [-0.36, 0.55]

0.40 [-0.03, 0.83]

0.15 [-0.28, 0.59]

0.15 [-0.18, 0.48]

0.37 [0.14, 0.59]

0.23 [0.07, 0.38]

## unclear

Maddock et al. 2018

-0.12 [-0.57, 0.32]

## RE Model

overall ( $Q = 35.78$ ,  $df = 12$ ,  $p = 0.00$ ;  $I^2 = 66.9\%$ )

greater variability in controls

greater variability in patients

0.10 [-0.09, 0.28]

-1

0

0.5

1

1.5

Log Variability Ratio