Children page 1
Adolescents page 17
Adults page 33

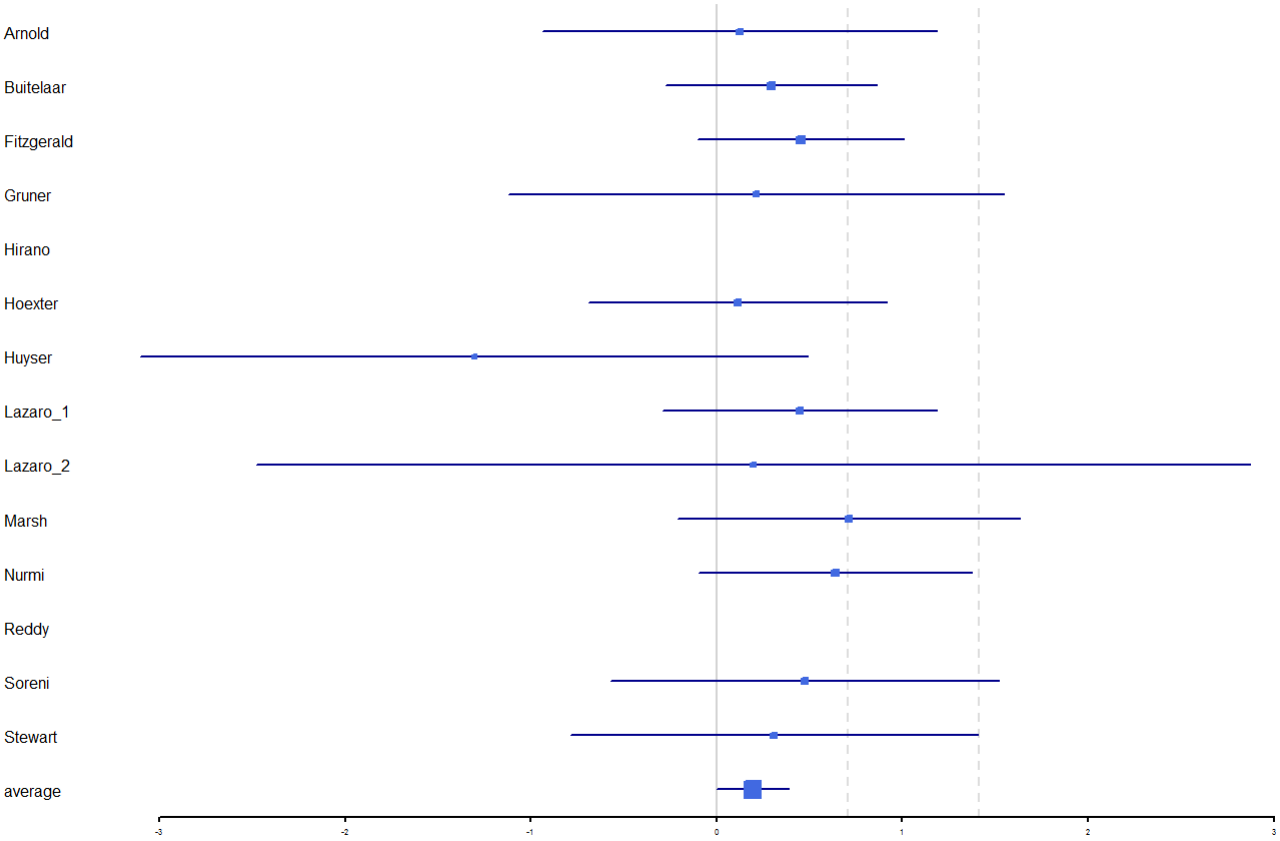
Crossdisorder: forestplots

Forest plots Children

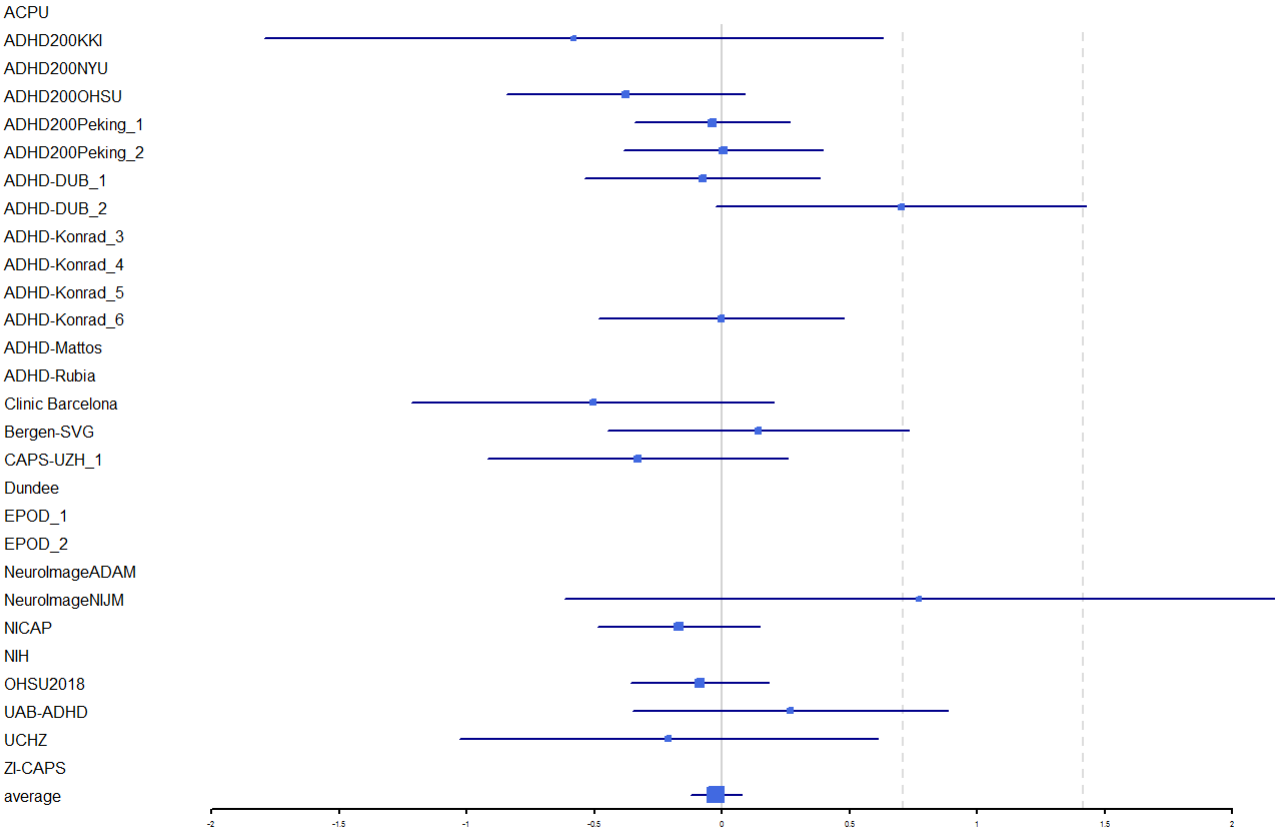
Forest plots are generated by running the standard regression model of each z-scored MRI feature x (y ~ x + Age + Sex) again, for each site indepentently. Output are effect sizes and 95% confidence interval per feature.

[Children]

Mean Thalamus OCD vs HC. (I2= 5.28)

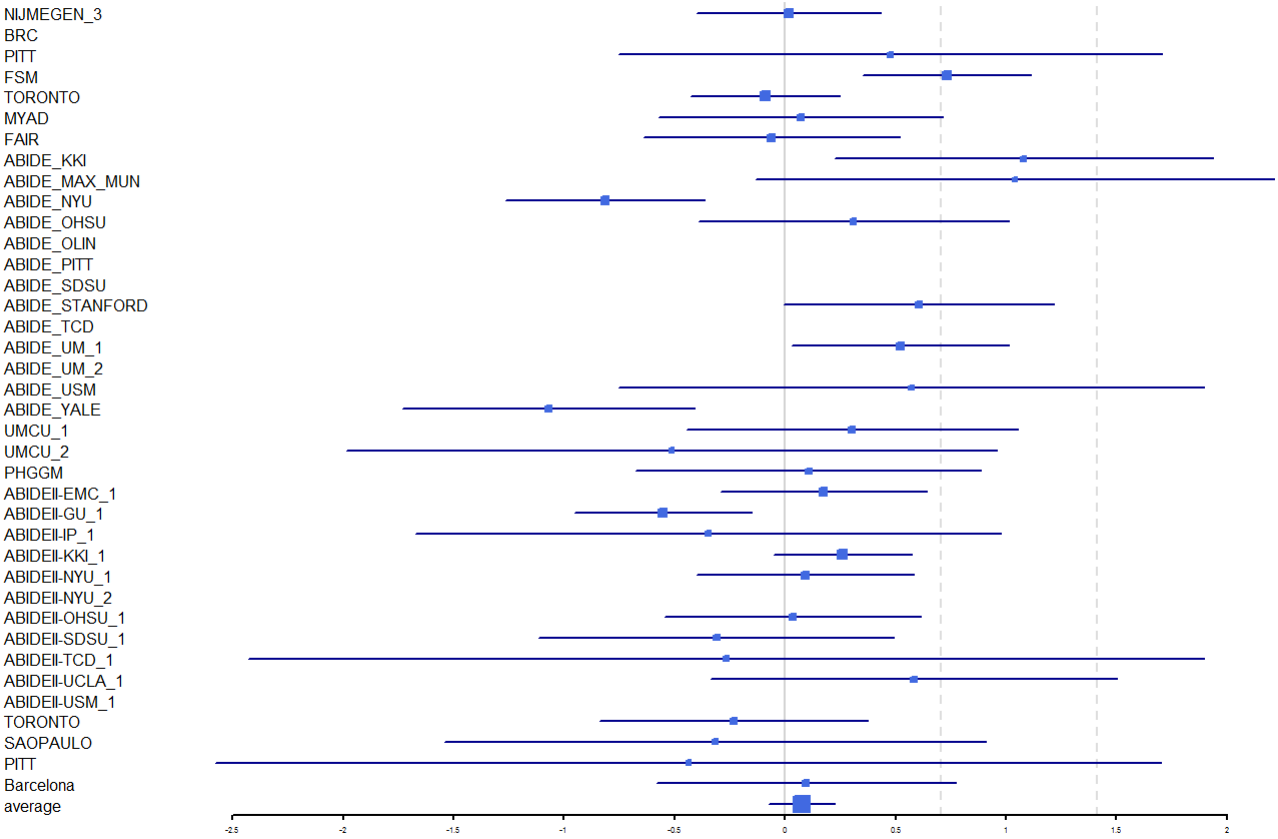


Mean Thalamus ADHD vs HC. (I2= 70.59)

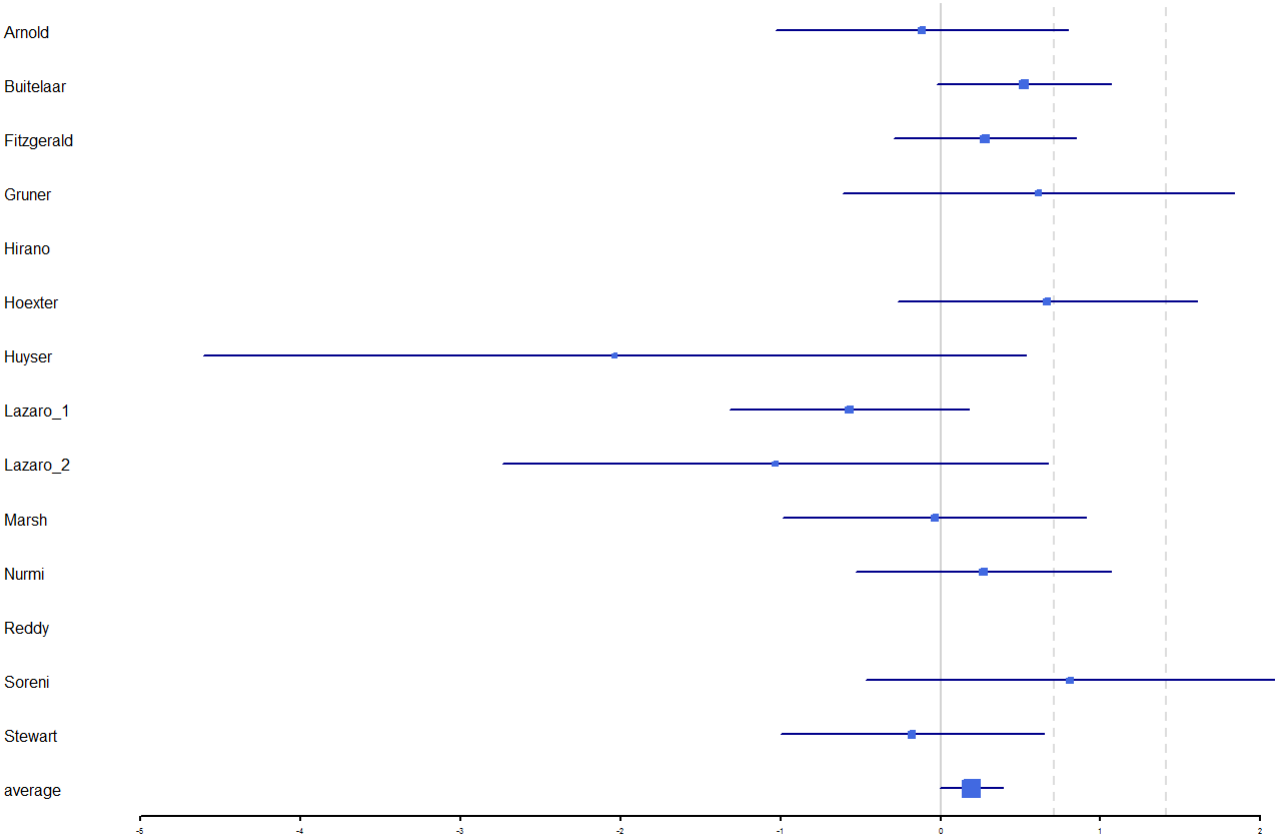


[Children]

Mean Thalamus ASD vs HC. (I2= 70.59)

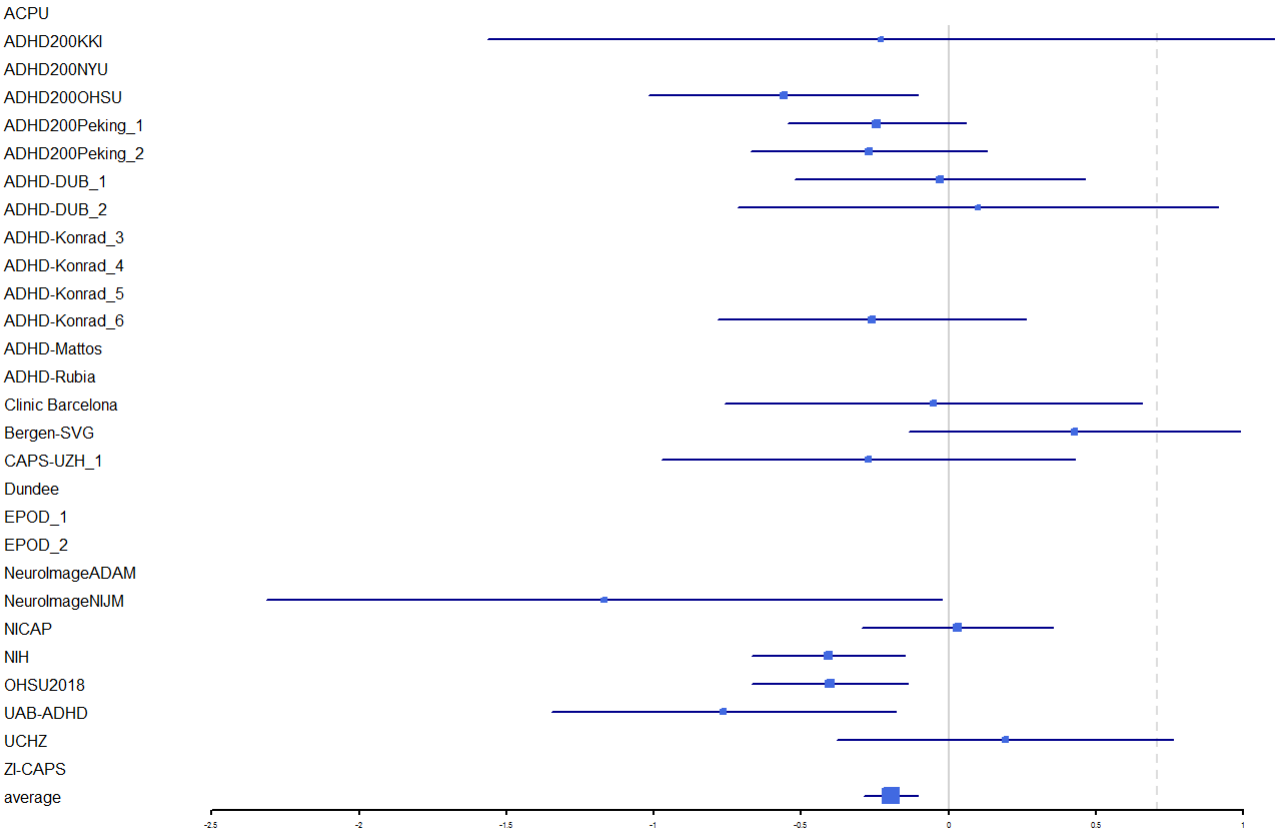


Mean Putamen OCD vs HC. (I2= 14.07)

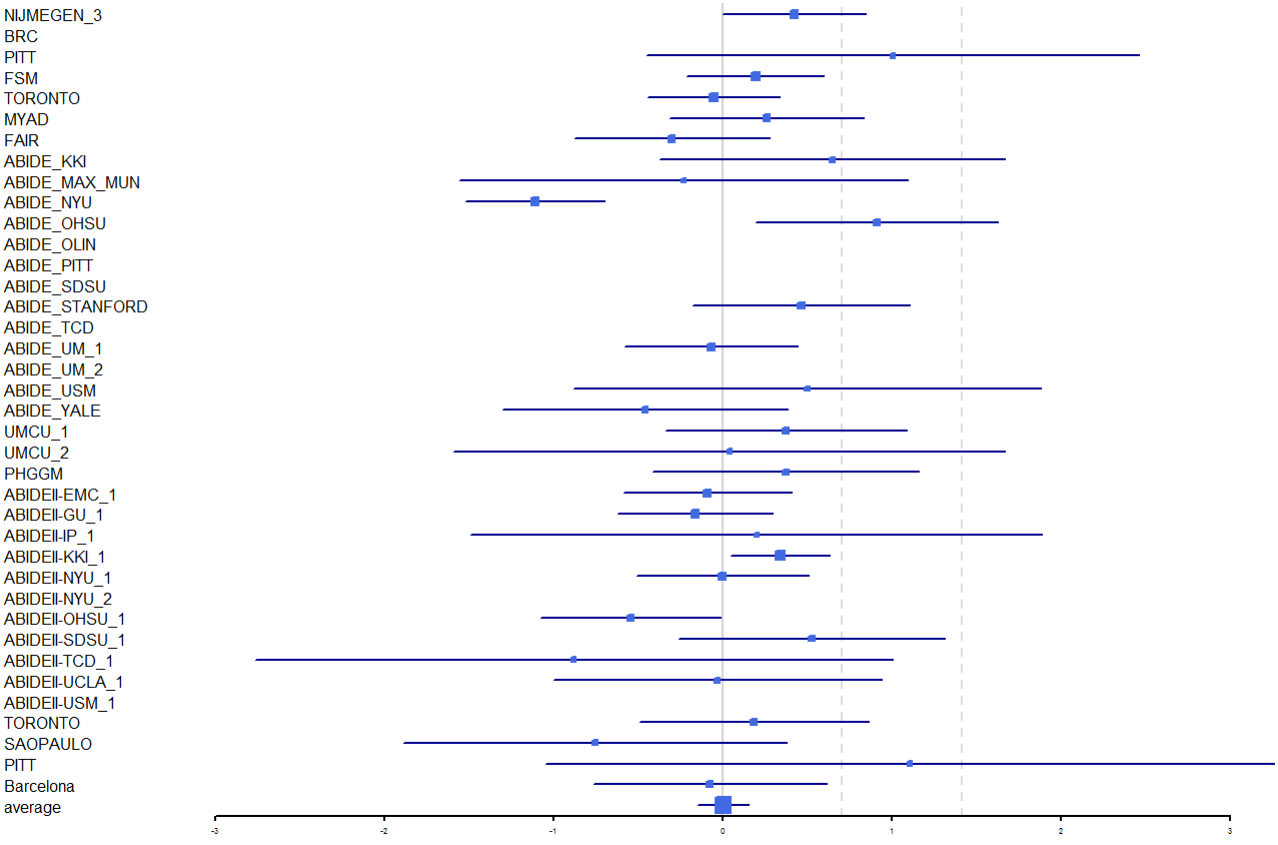


[Children]

Mean Putamen ADHD vs HC. (I2= 64.87)

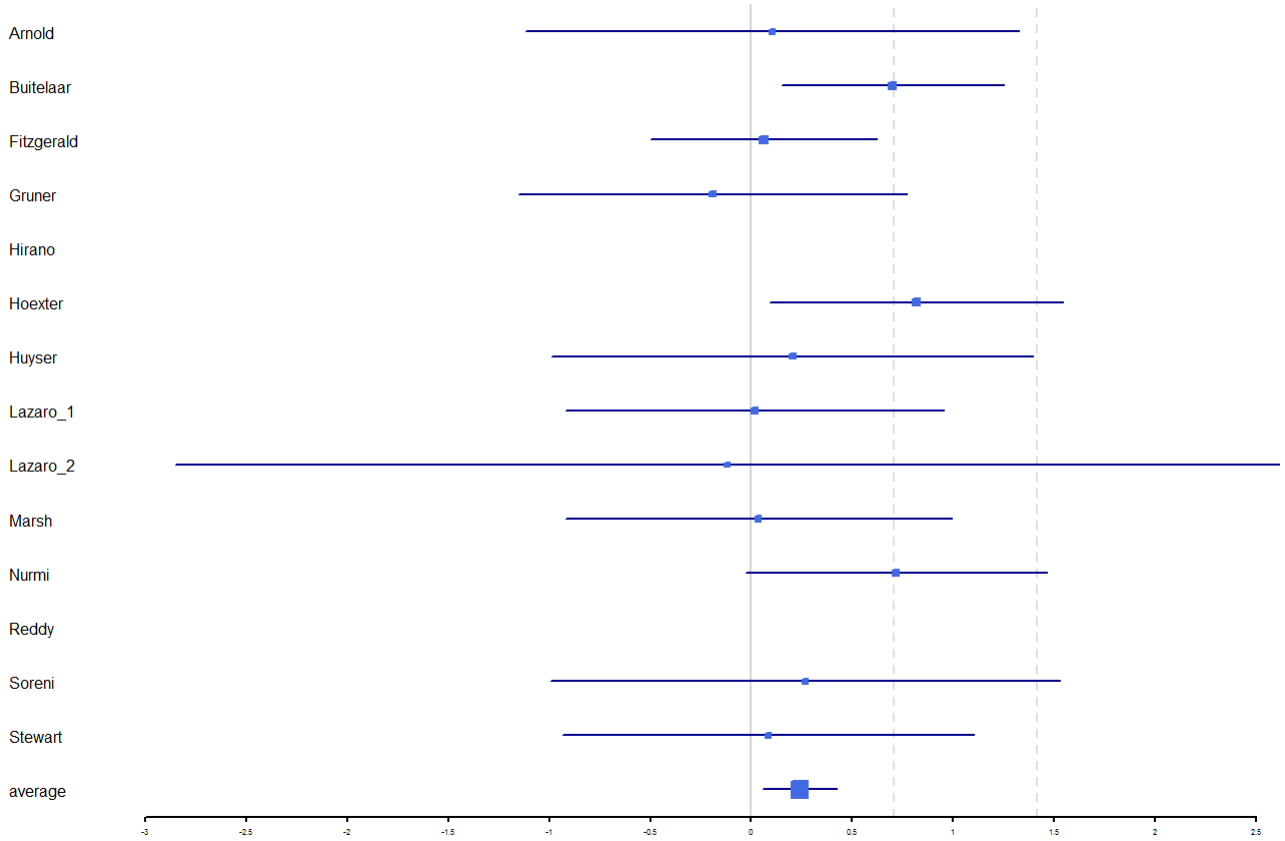


Mean Putamen ASD vs HC. (I2= 64.87)

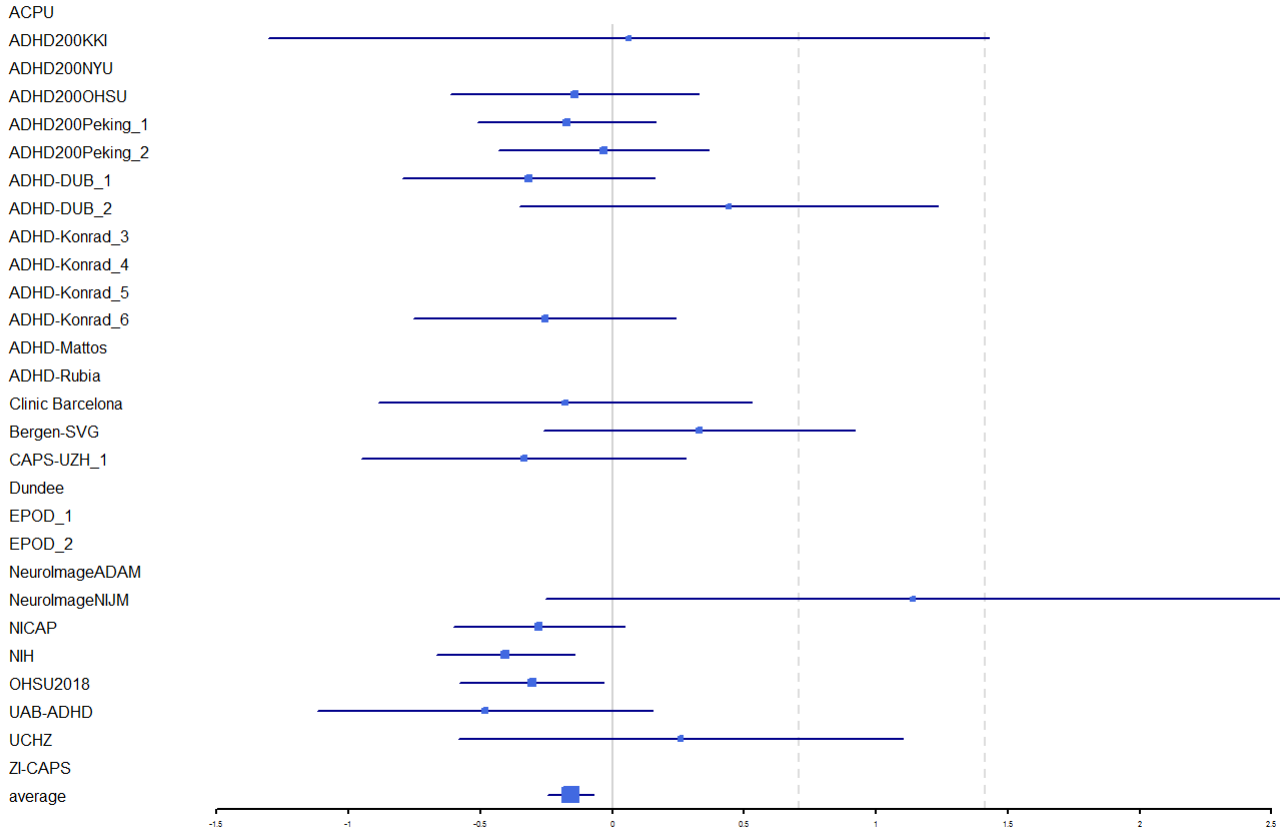


[Children]

Mean Hippocampus OCD vs HC. (I2= 7.8)

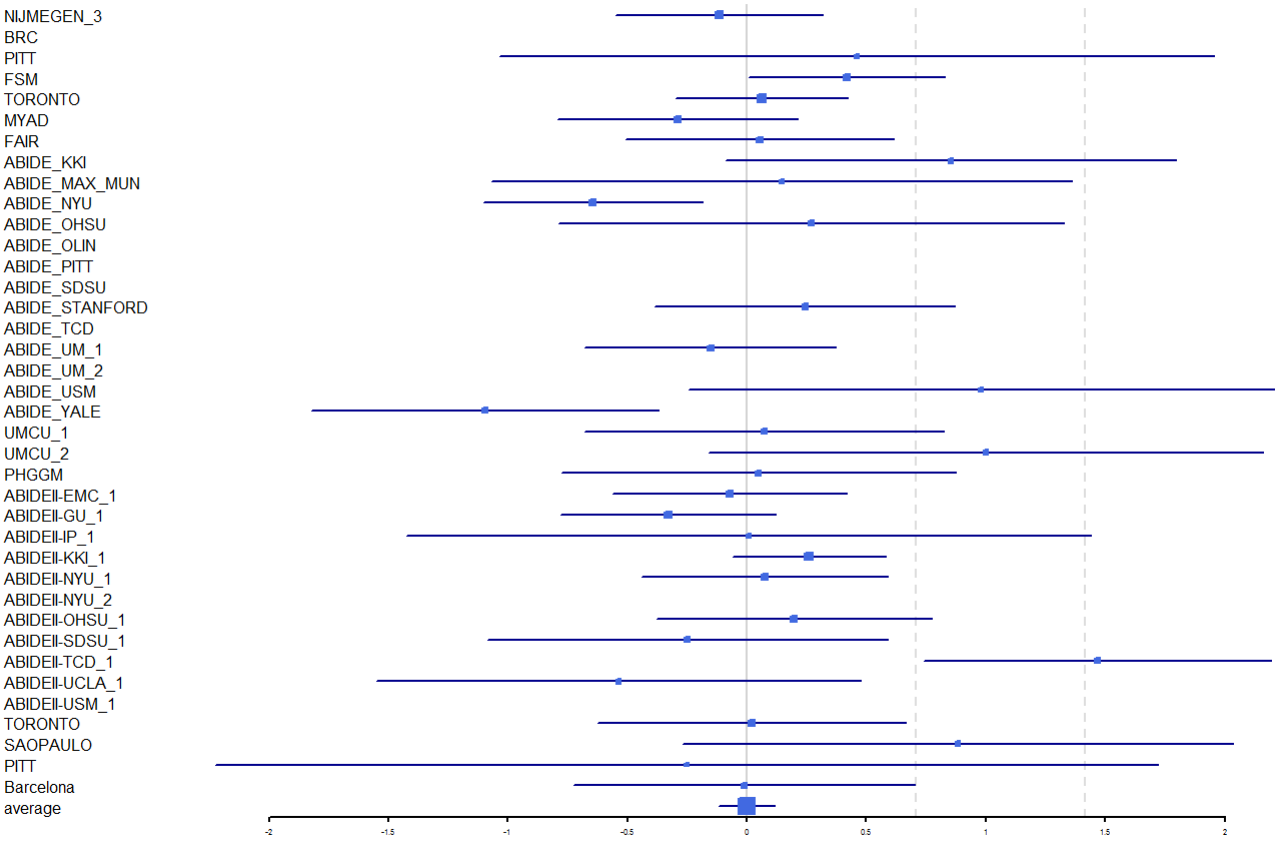


Mean Hippocampus ADHD vs HC. (I2= 56.15)

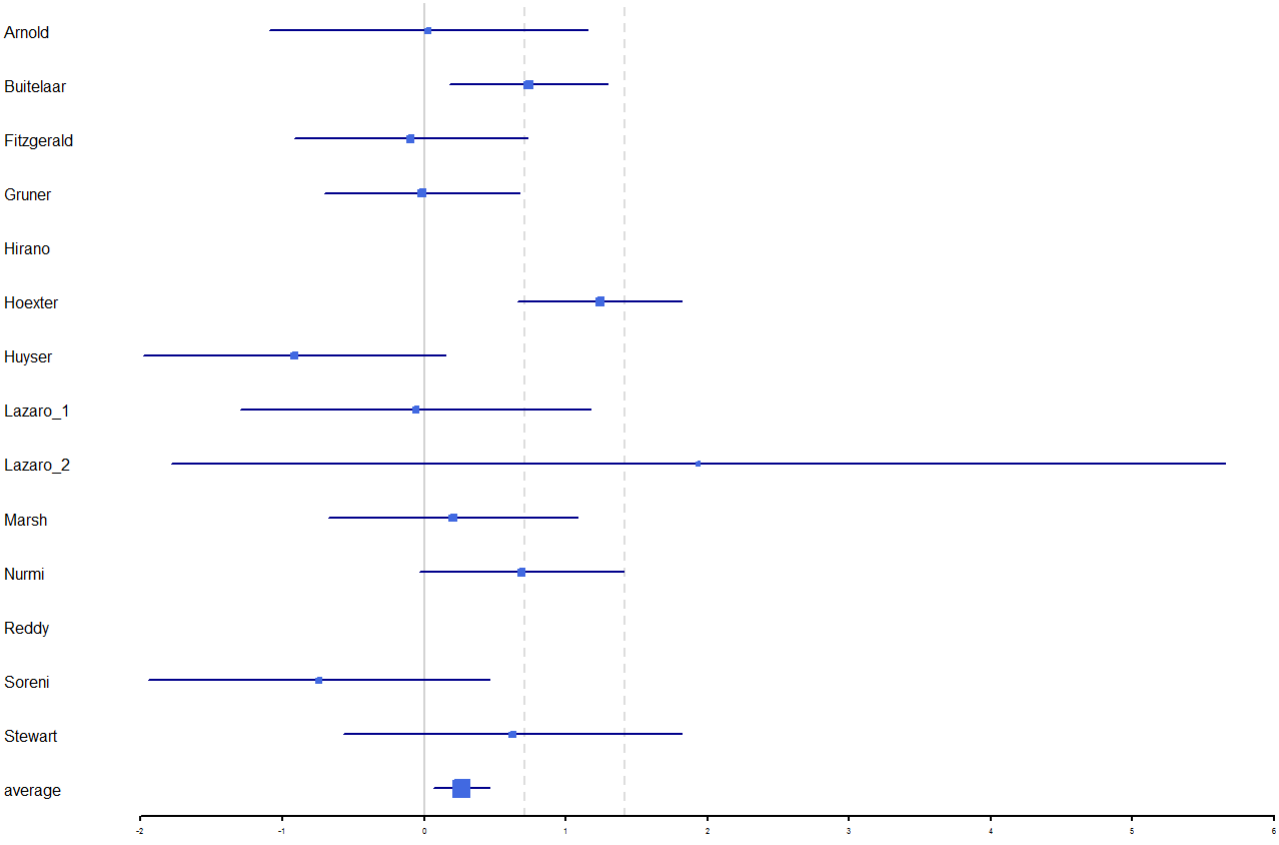


[Children]

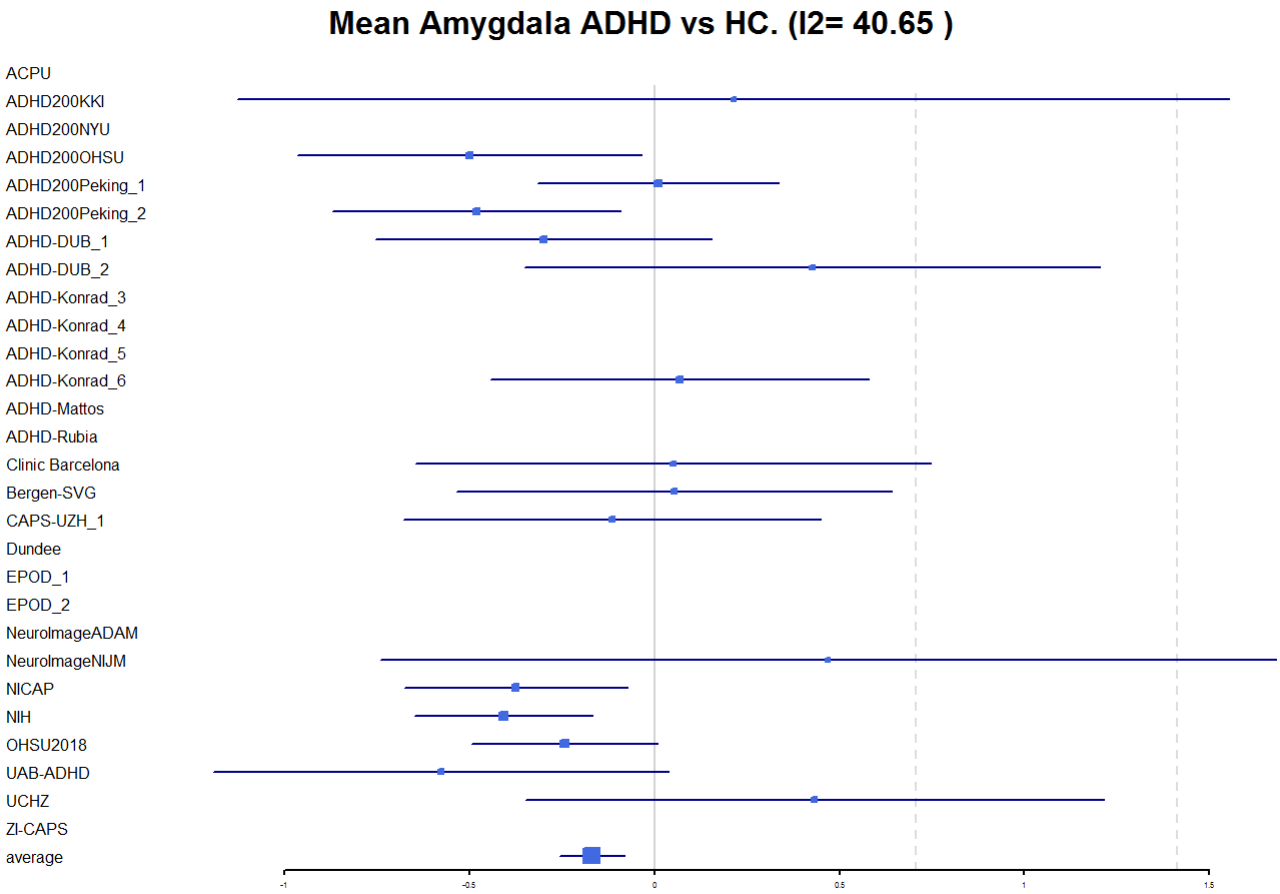
Mean Hippocampus ASD vs HC. (I2= 56.15)

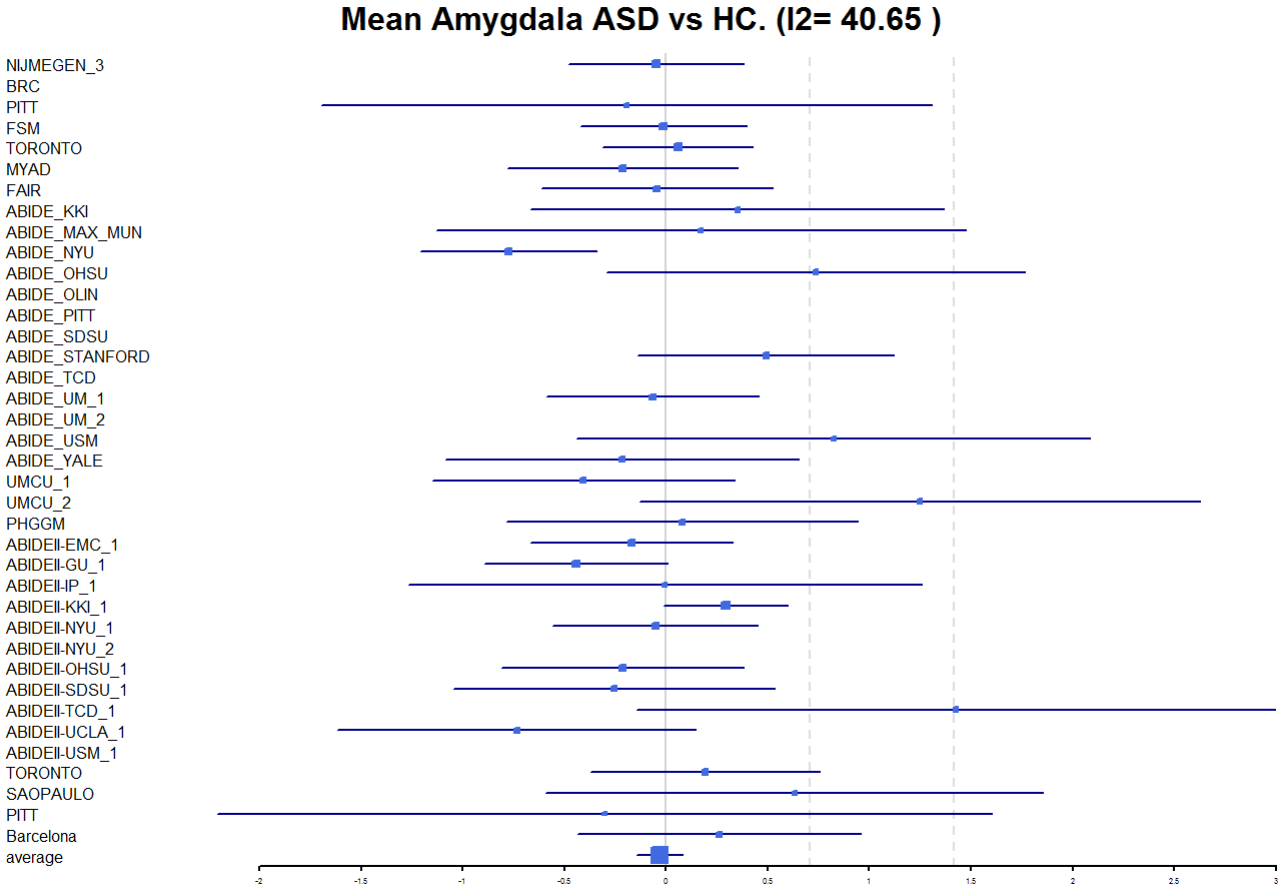


Mean Amygdala OCD vs HC. (I2= 24.1)



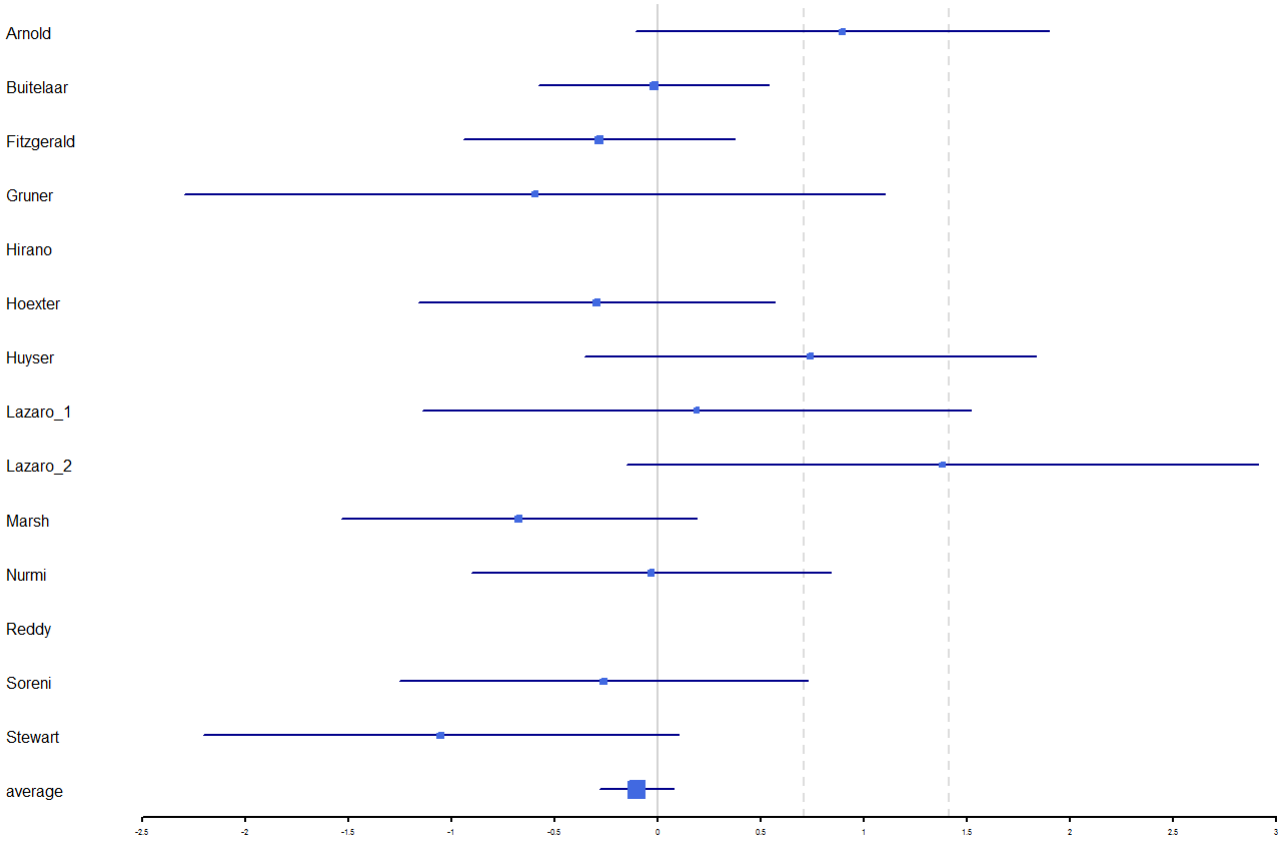
[Children]


Mean Amygdala ADHD vs HC. (I2= 40.65)
ACPU
ADHD200KKI
ADHD200NYU
ADHD200OHSU
ADHD200Peking_1
ADHD200Peking_2
ADHD-DUB_1
ADHD-DUB_2
ADHD-Konrad_3
ADHD-Konrad_4
ADHD-Konrad_5
ADHD-Konrad_6
ADHD-Mattos
ADHD-Rubia
Clinic Barcelona
Bergen-SVG
CAPS-UZH_1
Dundee
EPOD_1
EPOD_2
NeuroImageADAM
NeuroImageNIJM
NICAP
NIH
OHSU2018
UAB-ADHD
UCHZ
ZI-CAPS
average
-1
-0.5
0
0.5
1
1.5

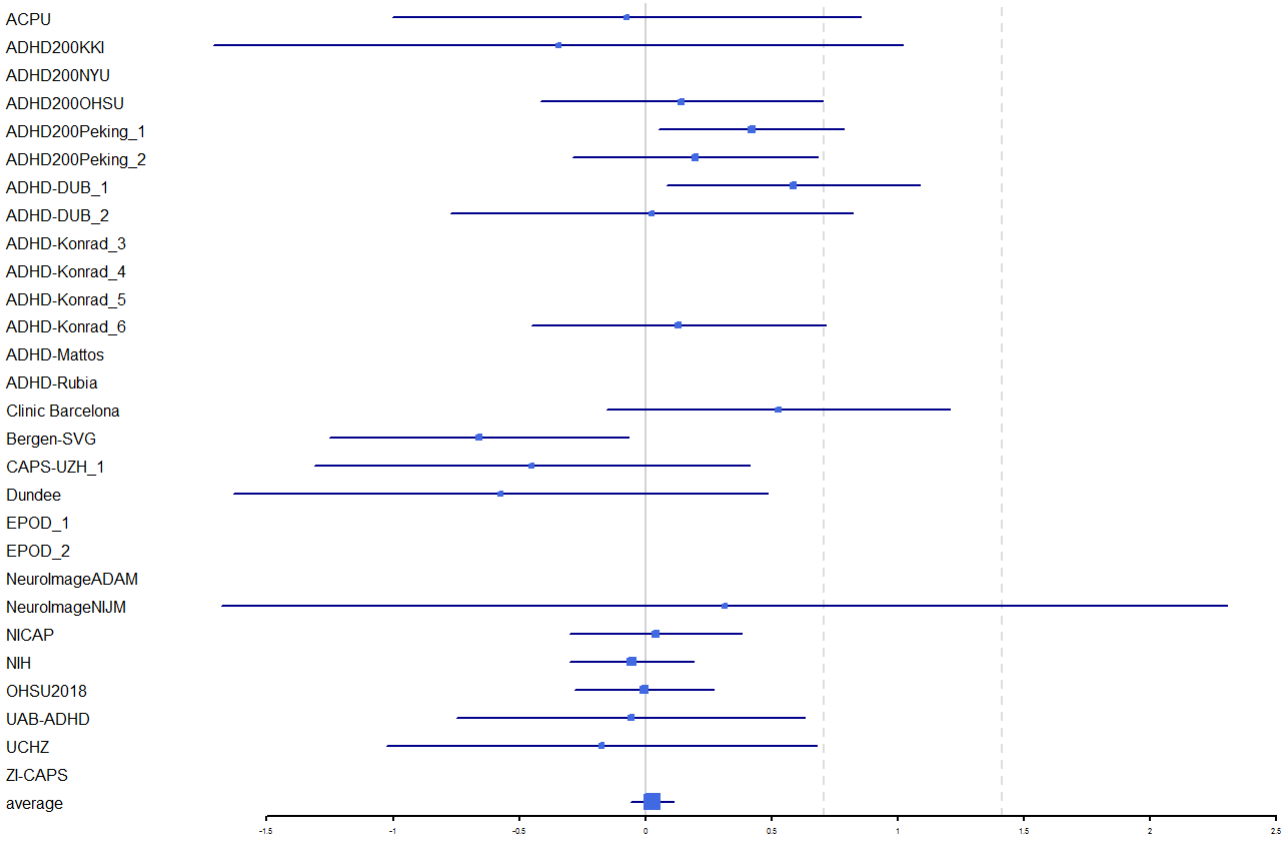

Mean Amygdala ASD vs HC. (I2= 40.65)
NIJMEGEN_3
BRC
PITT
FSM
TORONTO
MYAD
FAIR
ABIDE_KKI
ABIDE_MAX_MUN
ABIDE_NYU
ABIDE_OHSU
ABIDE_OLIN
ABIDE_PITT
ABIDE_SDSU
ABIDE_STANFORD
ABIDE_TCD
ABIDE_UM_1
ABIDE_UM_2
ABIDE_USM
ABIDE_YALE
UMCU_1
UMCU_2
PHGGM
ABIDEII-EMC_1
ABIDEII-GU_1
ABIDEII-IP_1
ABIDEII-KKI_1
ABIDEII-NYU_1
ABIDEII-NYU_2
ABIDEII-OHSU_1
ABIDEII-SDSU_1
ABIDEII-TCD_1
ABIDEII-UCLA_1
ABIDEII-USM_1
TORONTO
SAOPAULO
PITT
Barcelona
average
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2
2.5
3

[Children]

Mean Thickness Orbitofrontal OCD vs HC. (I2= 15.15)

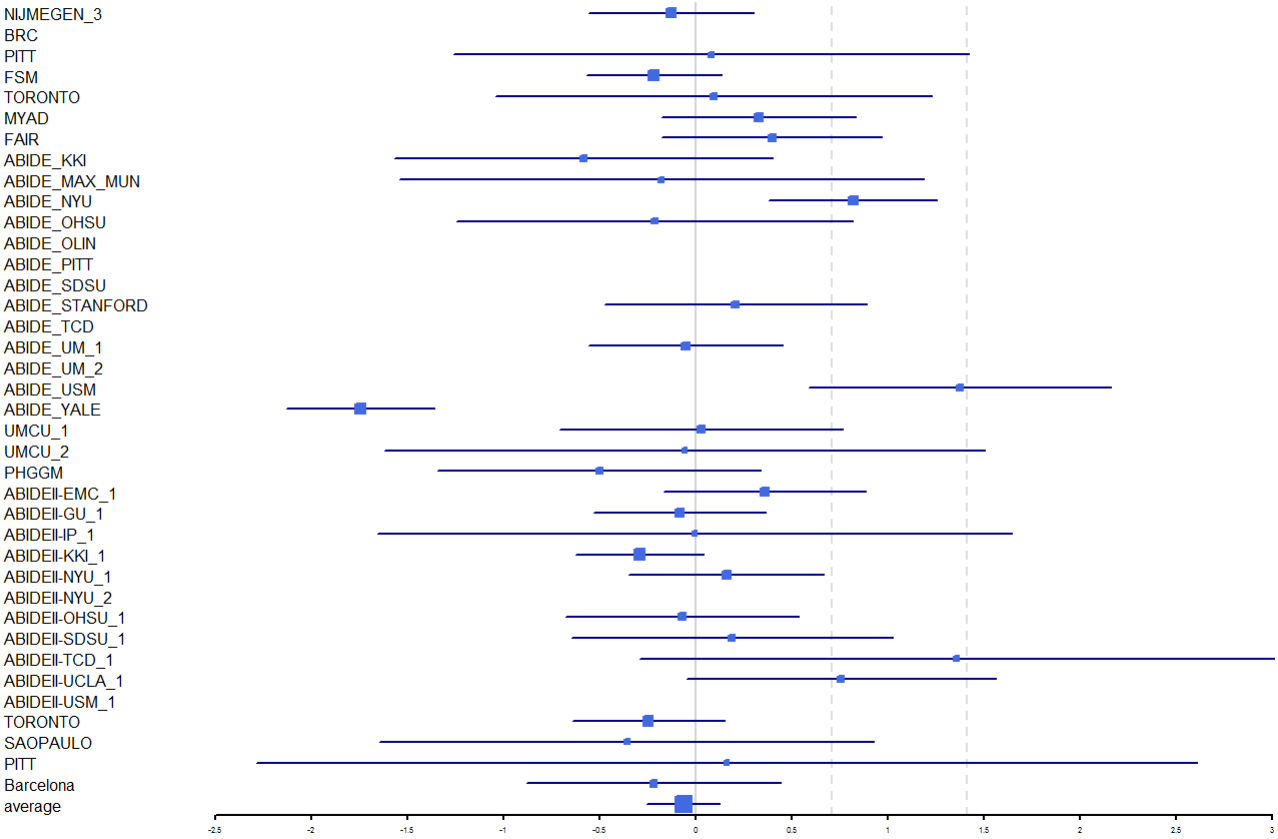


Mean Thickness Orbitofrontal ADHD vs HC. (I2= 122.78)

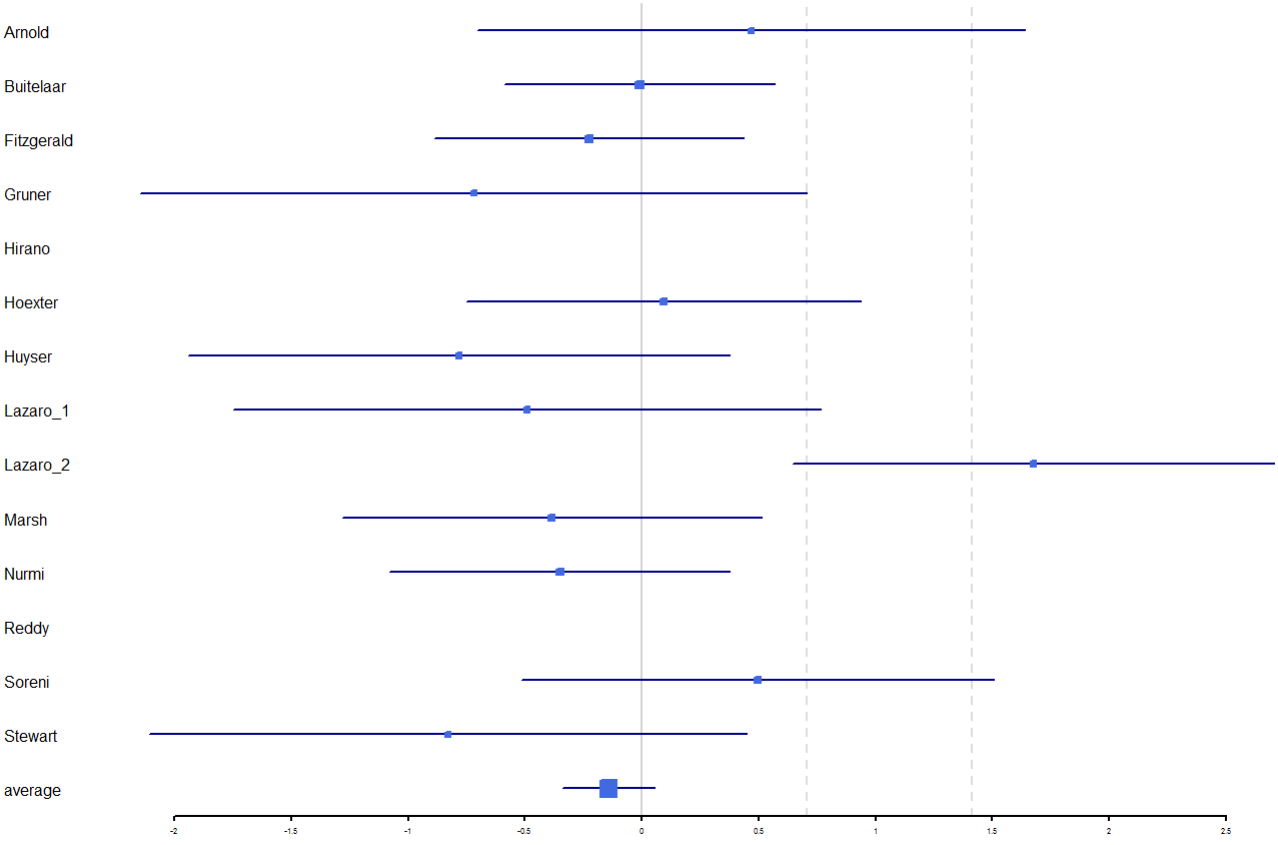


[Children]

Mean Thickness Orbitofrontal ASD vs HC. (I2= 122.78)

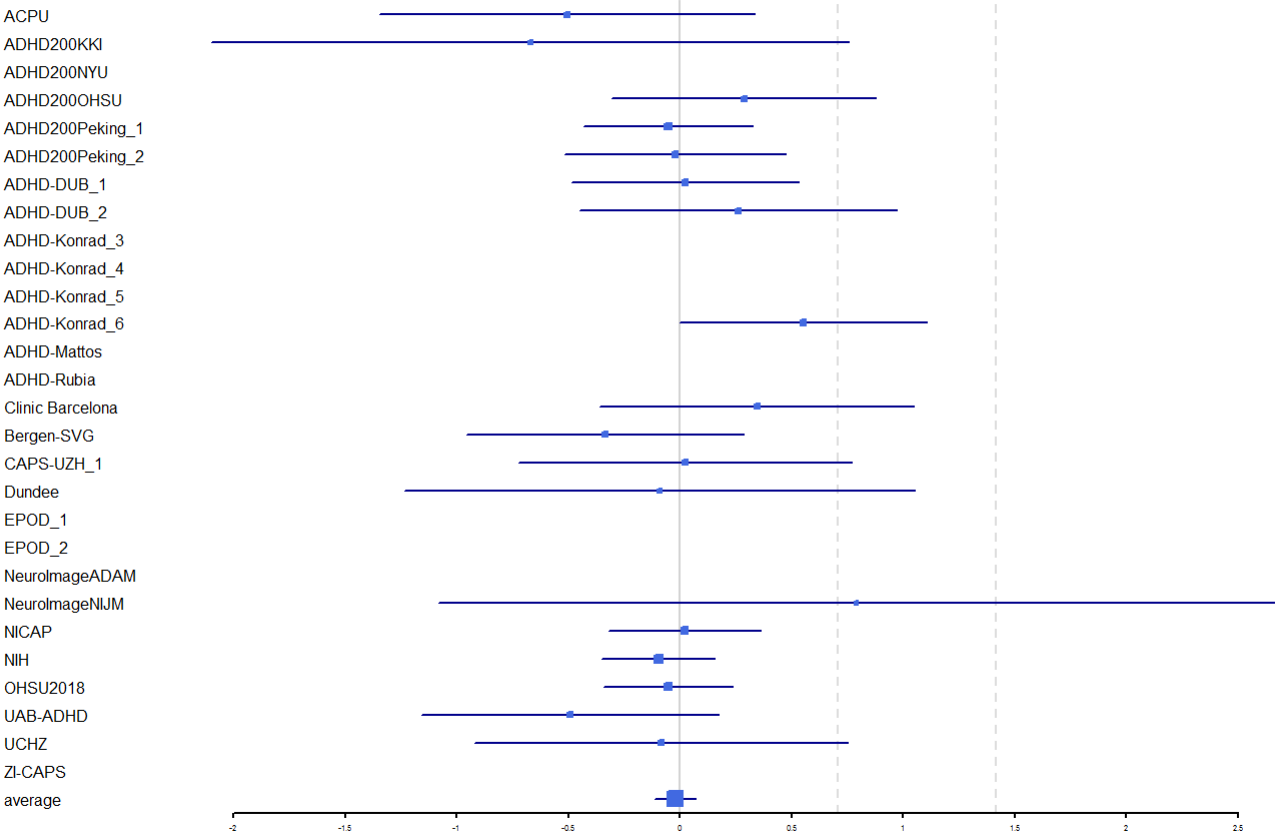


Mean Thickness Pars Triangularis OCD vs HC. (I2= 18.56)

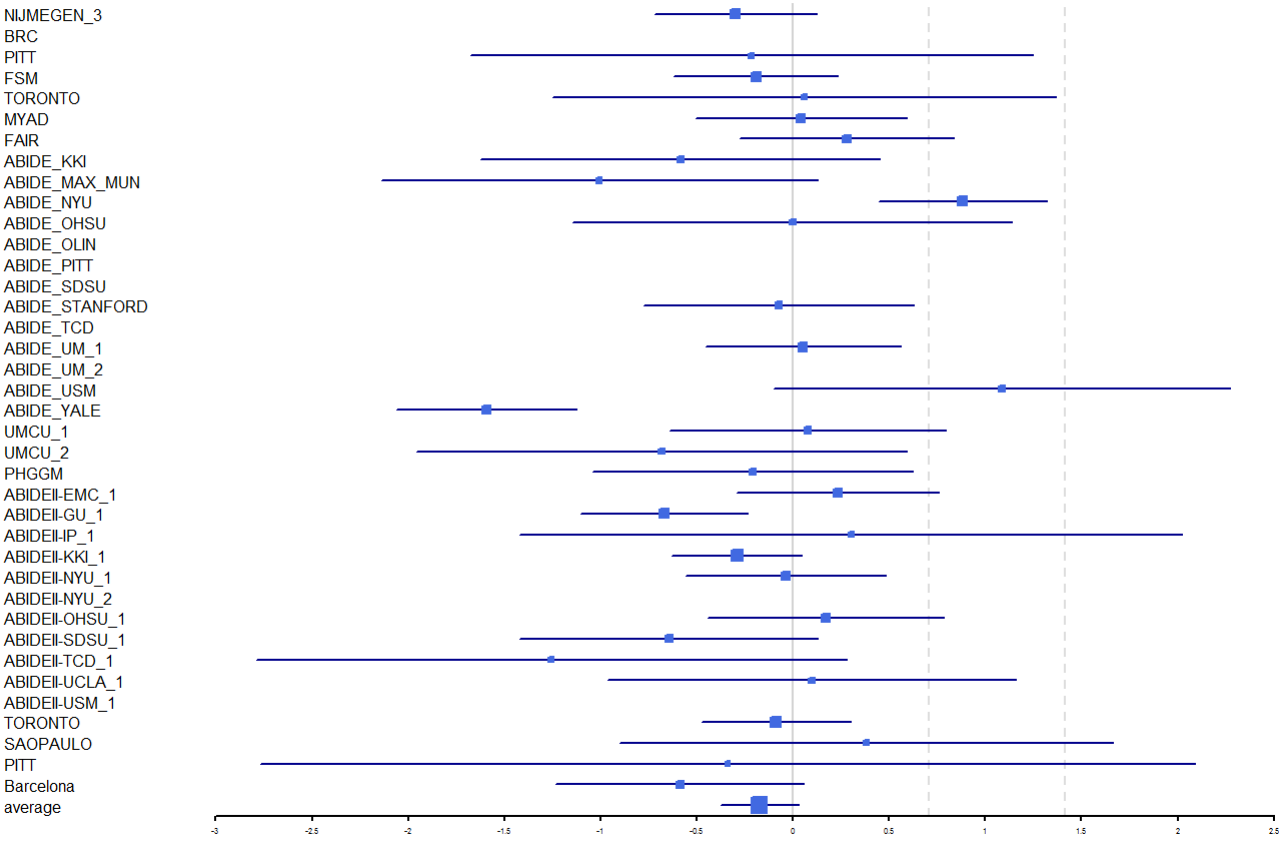


[Children]

Mean Thickness Pars Triangularis ADHD vs HC. (I2= 86.01)

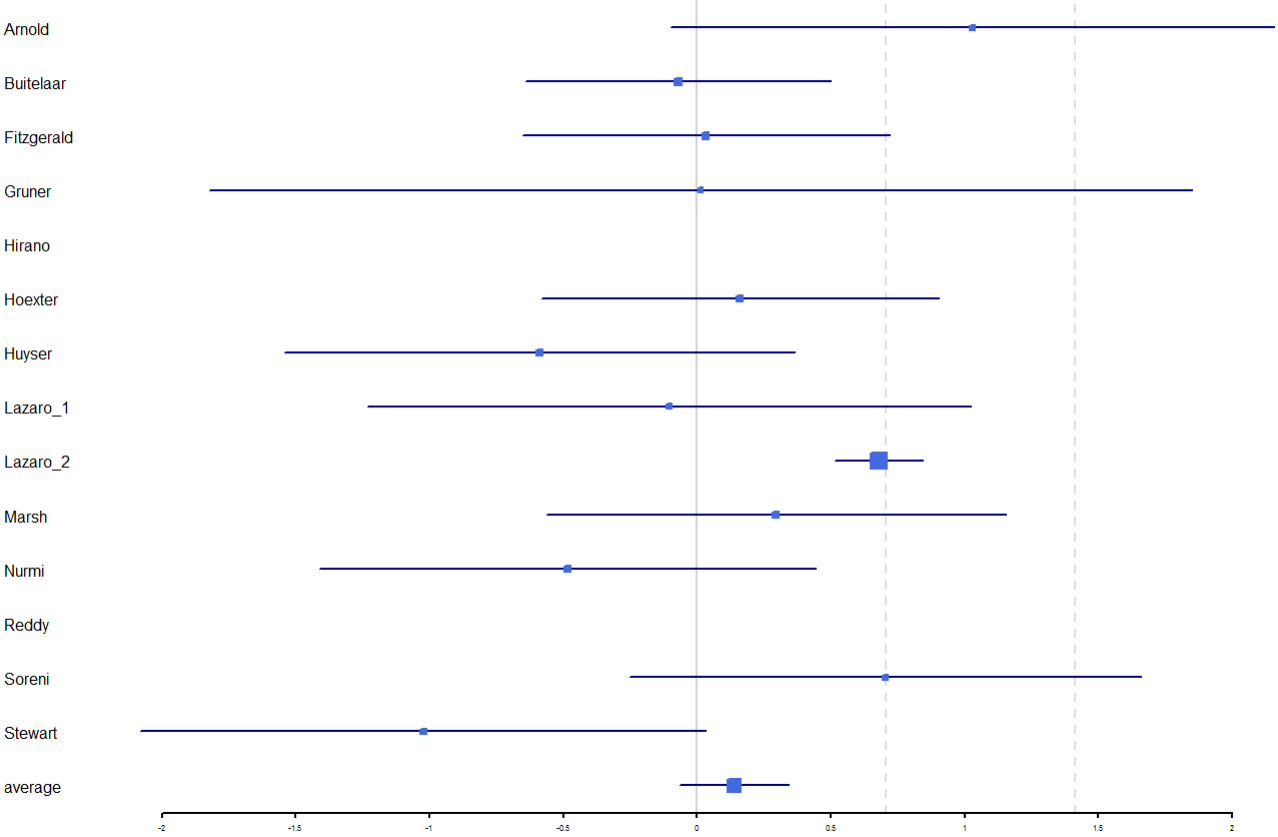


Mean Thickness Pars Triangularis ASD vs HC. (I2= 86.01)

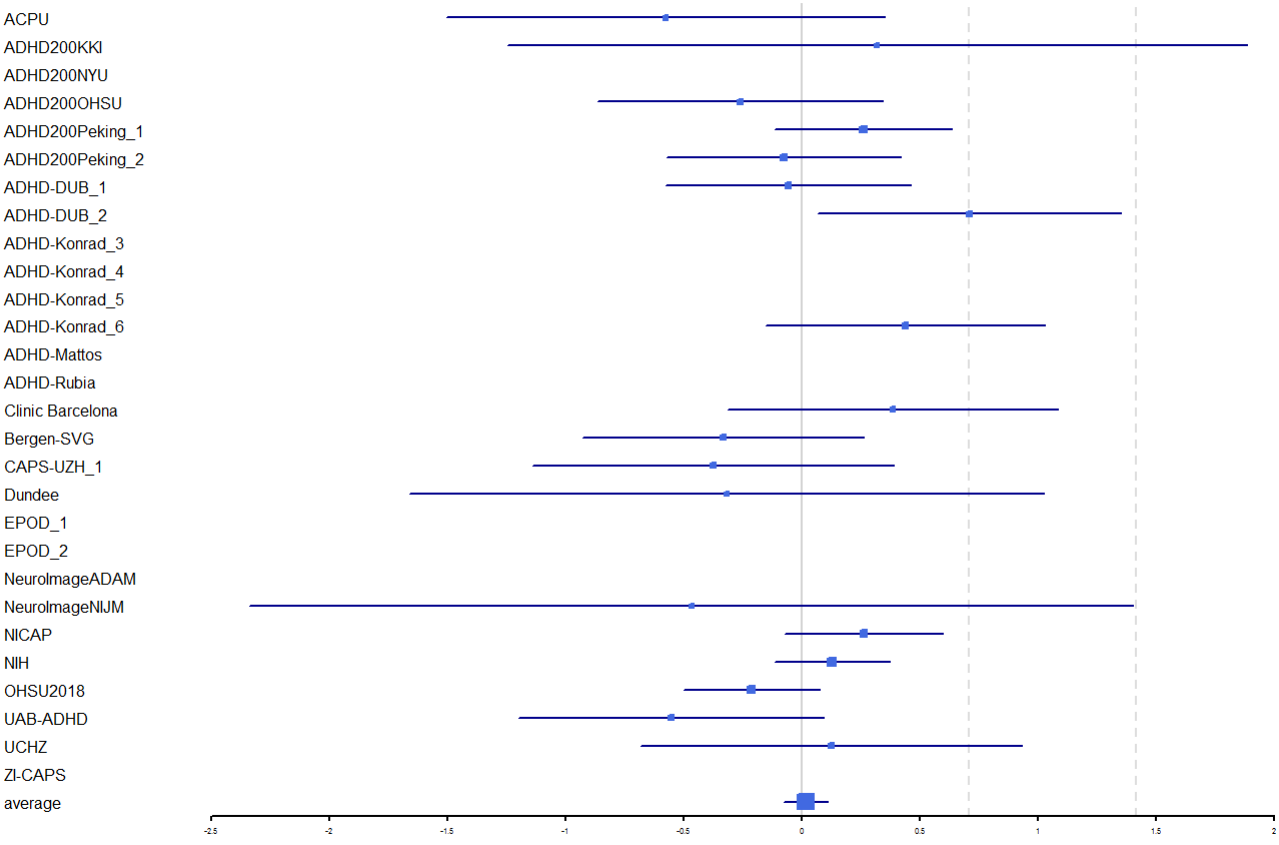


[Children]

Mean Thickness Poserior Cingulate OCD vs HC. (I2= 30.94)

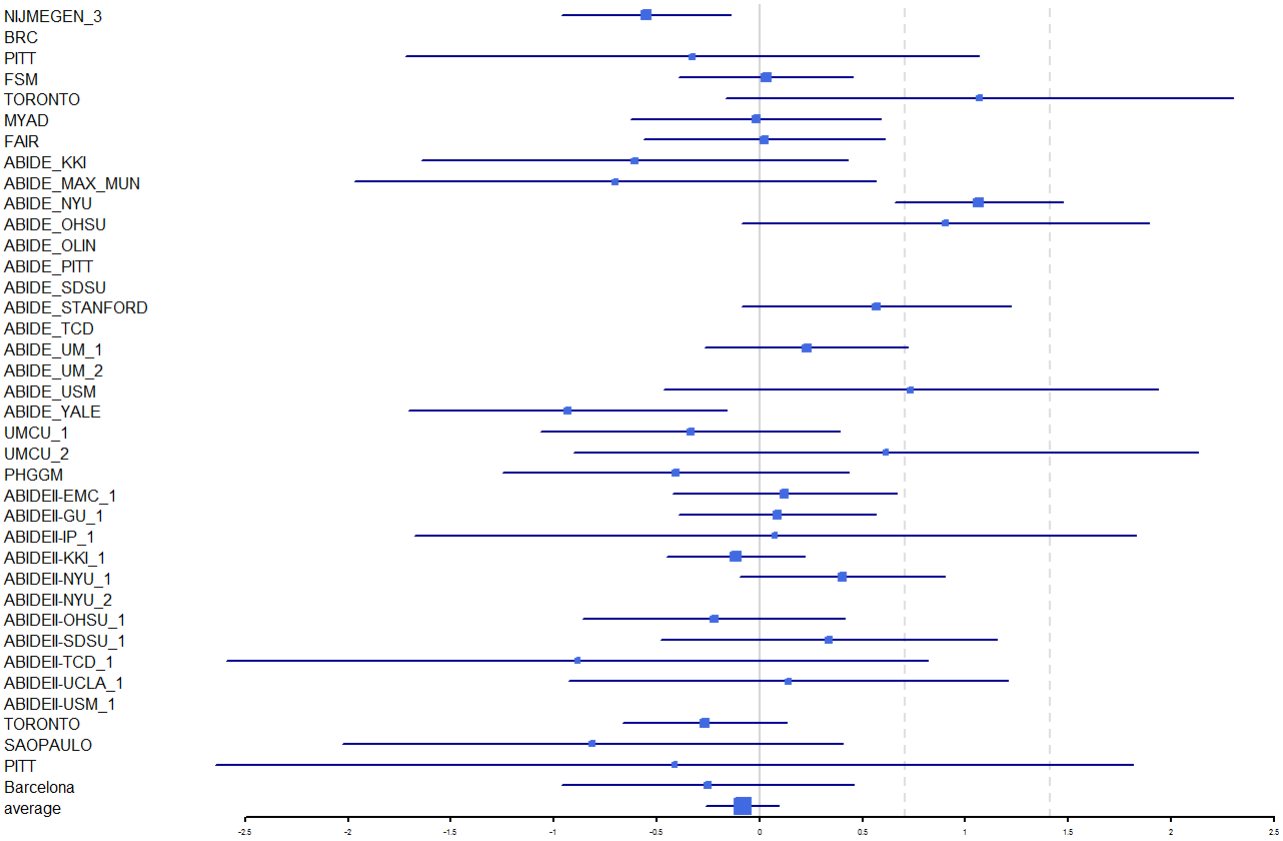


Mean Thickness Poserior Cingulate ADHD vs HC. (I2= 64.18)

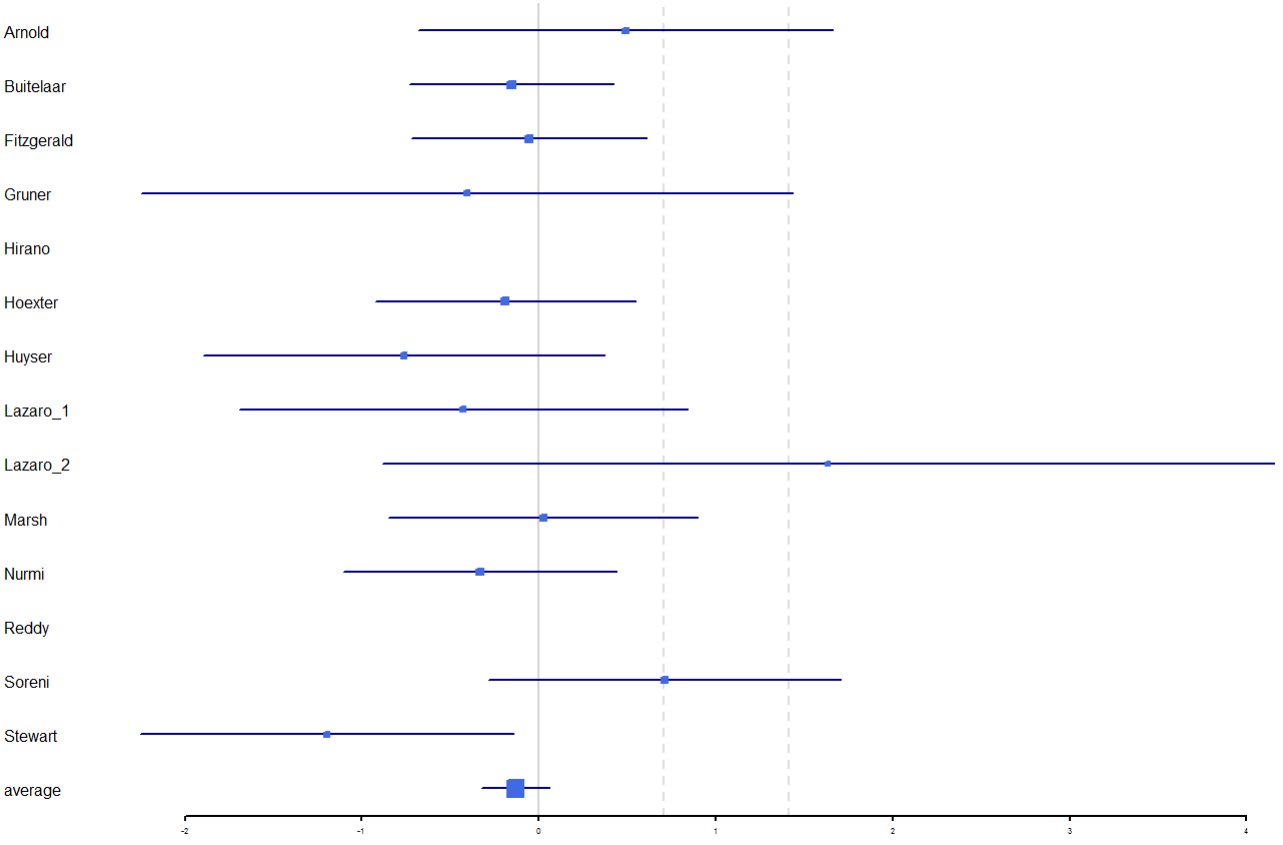


[Children]

Mean Thickness Poserior Cingulate ASD vs HC. (I2= 64.18)

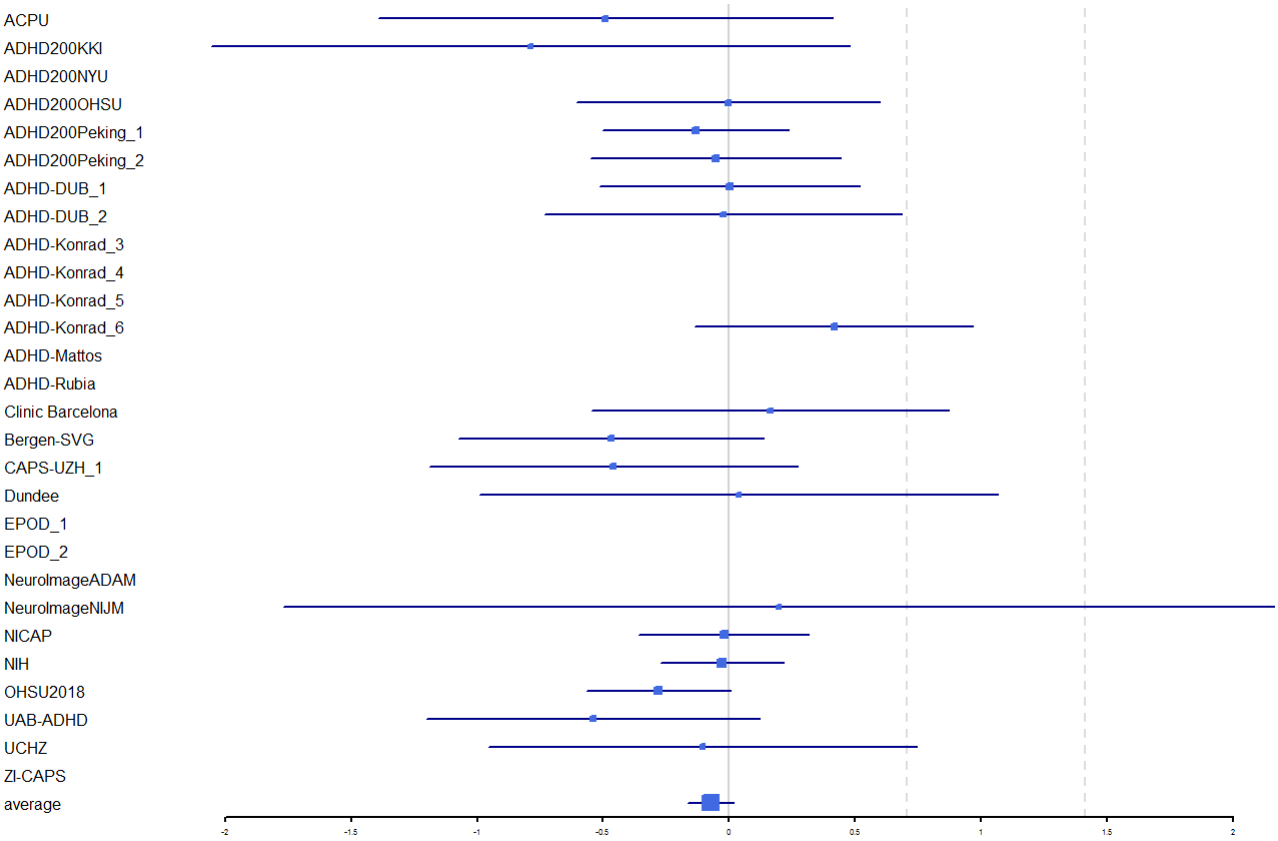


Mean Cortical Thickness OCD vs HC. (I2= 11.59)

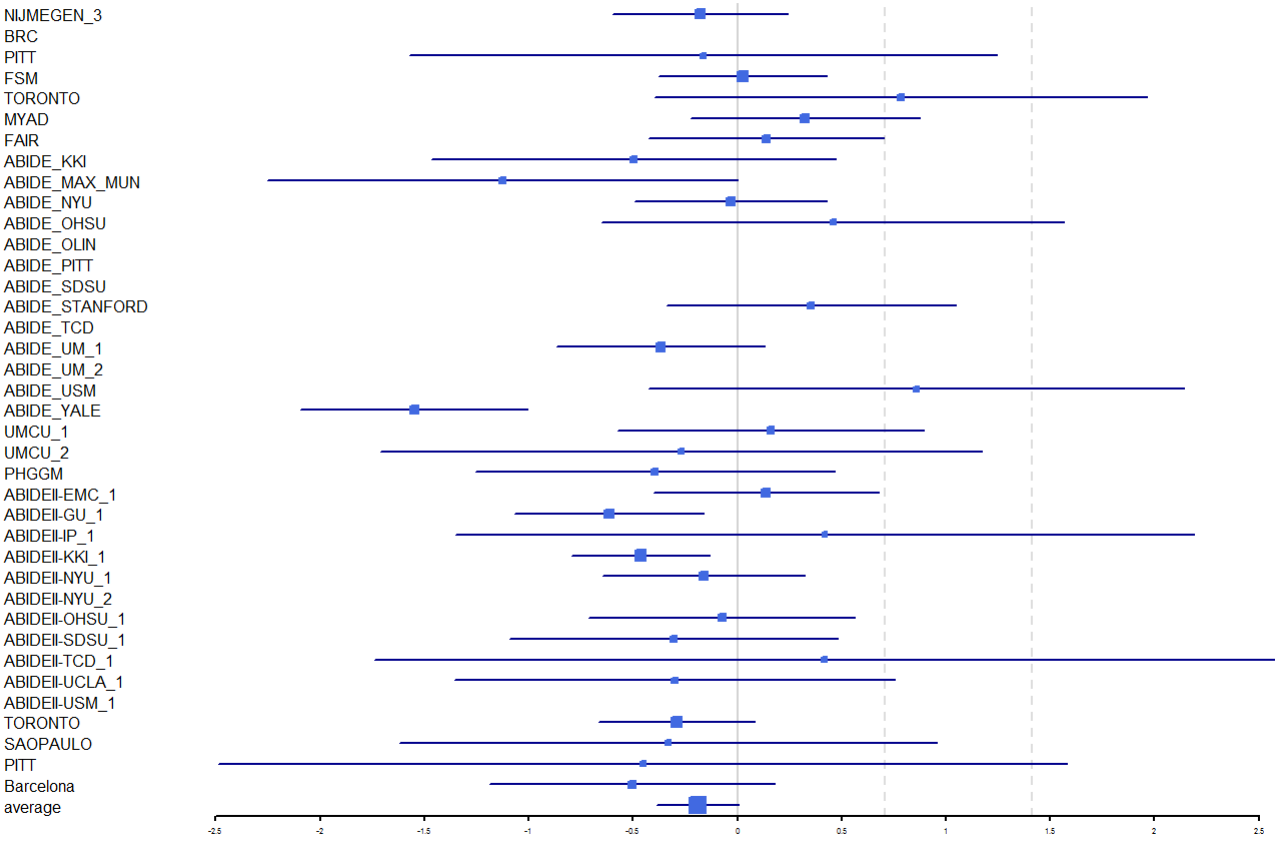


[Children]

Mean Cortical Thickness ADHD vs HC. (I2= 52.88)

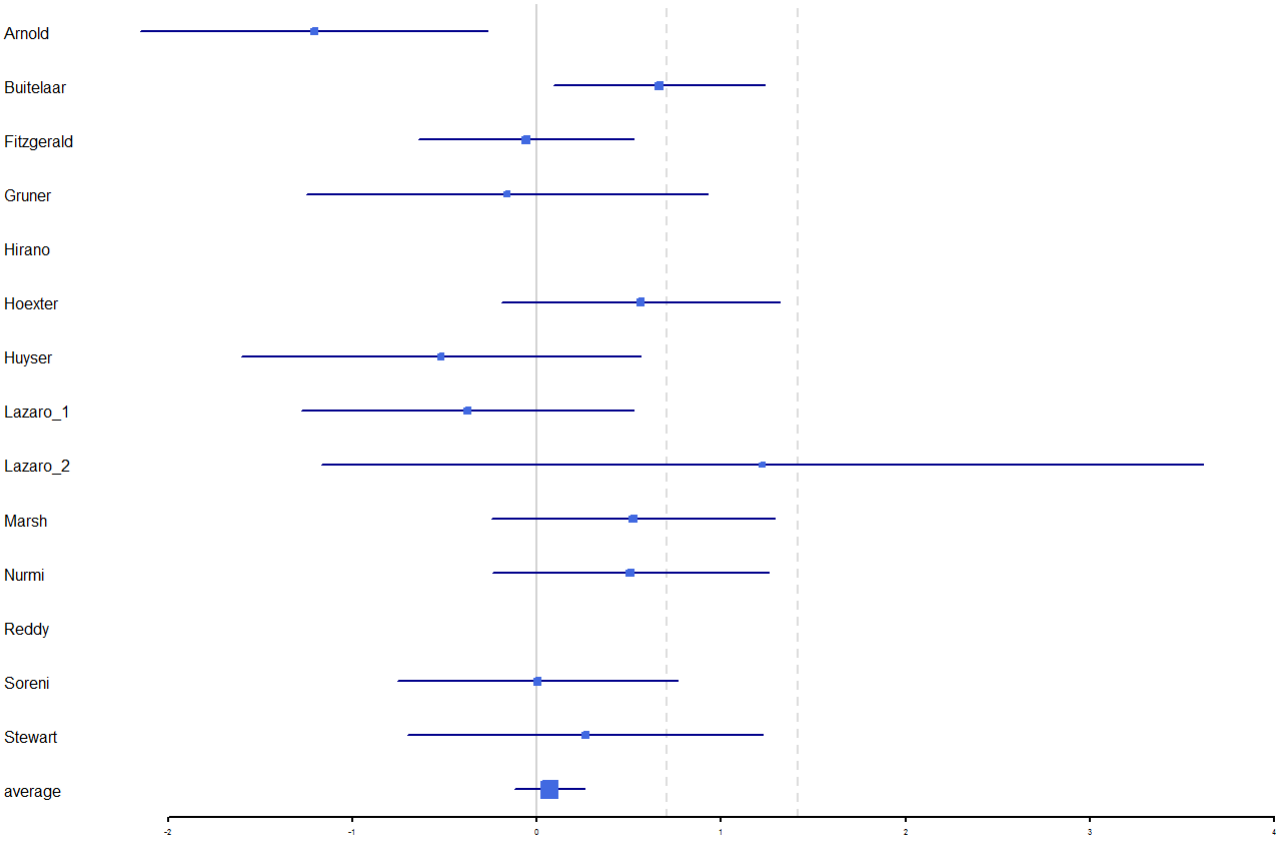


Mean Cortical Thickness ASD vs HC. (I2= 52.88)

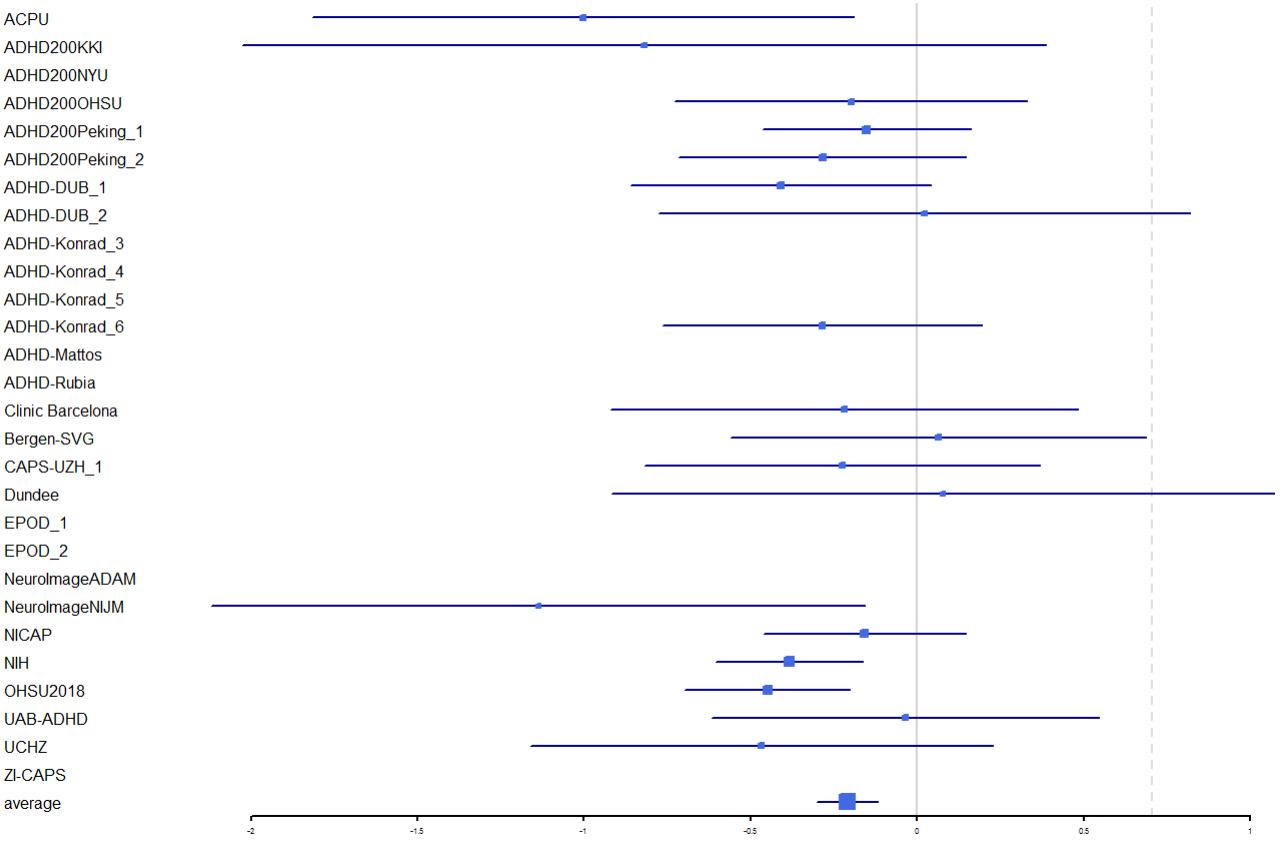


[Children]

Full Surface Area OCD vs HC. (I2= 18.53)

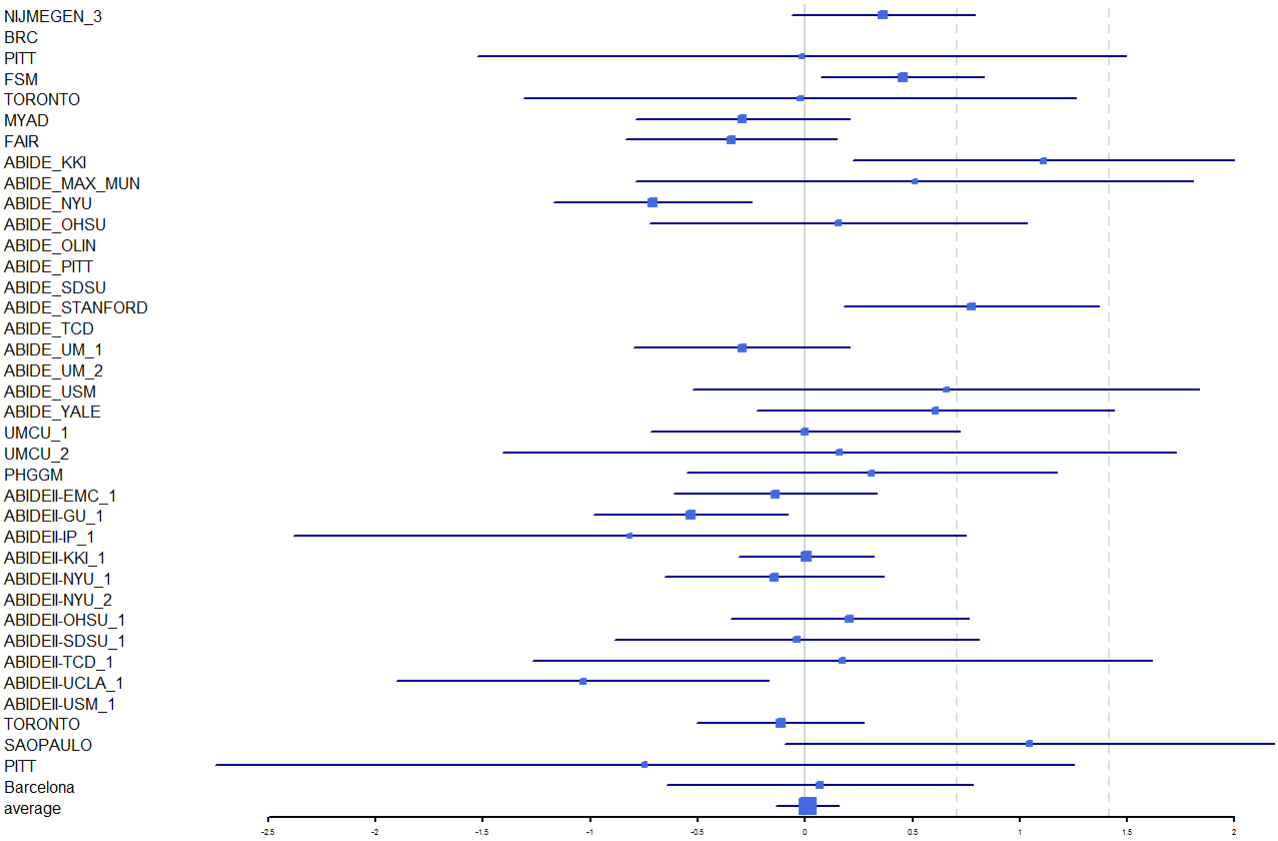


Full Surface Area ADHD vs HC. (I2= 56.08)

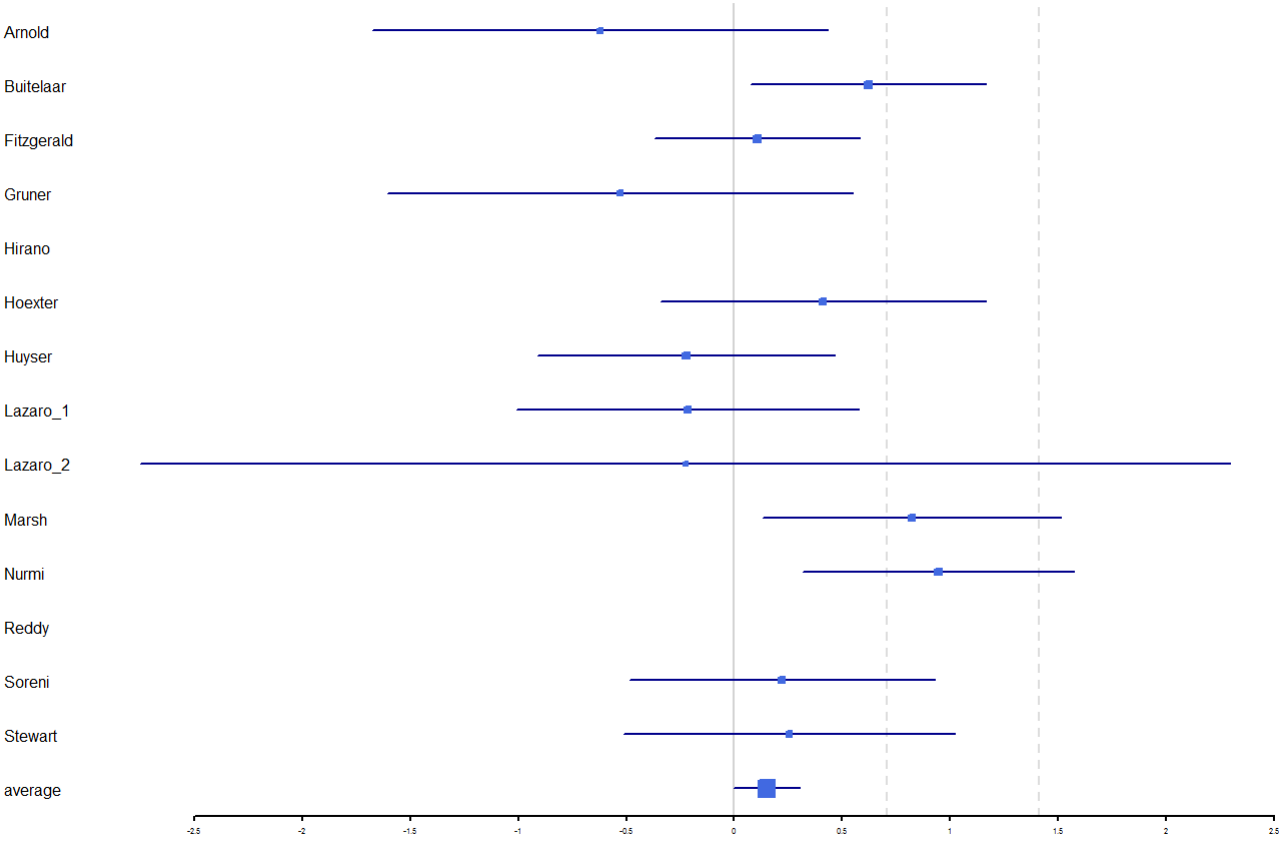


[Children]

Full Surface Area ASD vs HC. (I2= 56.08)

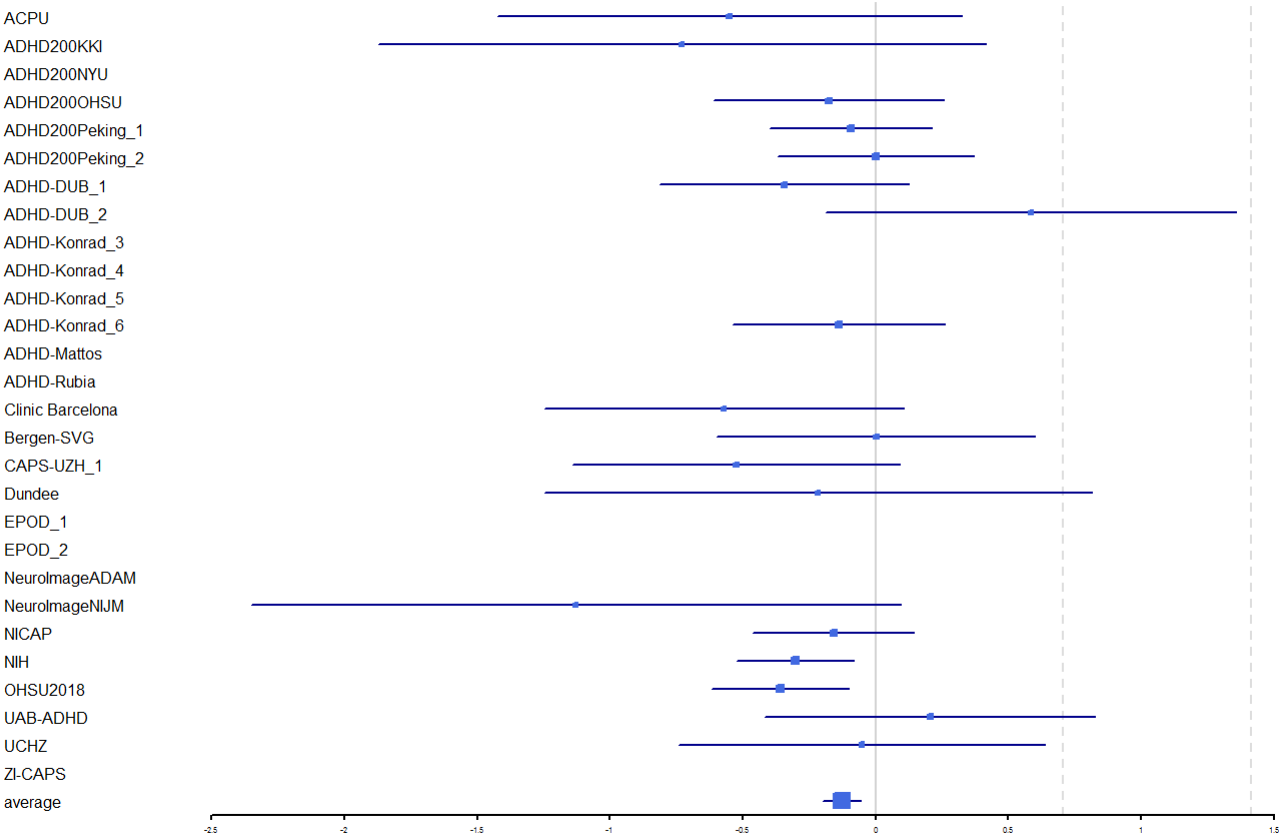


Intracranial Volume OCD vs HC. (I2= 17.54)

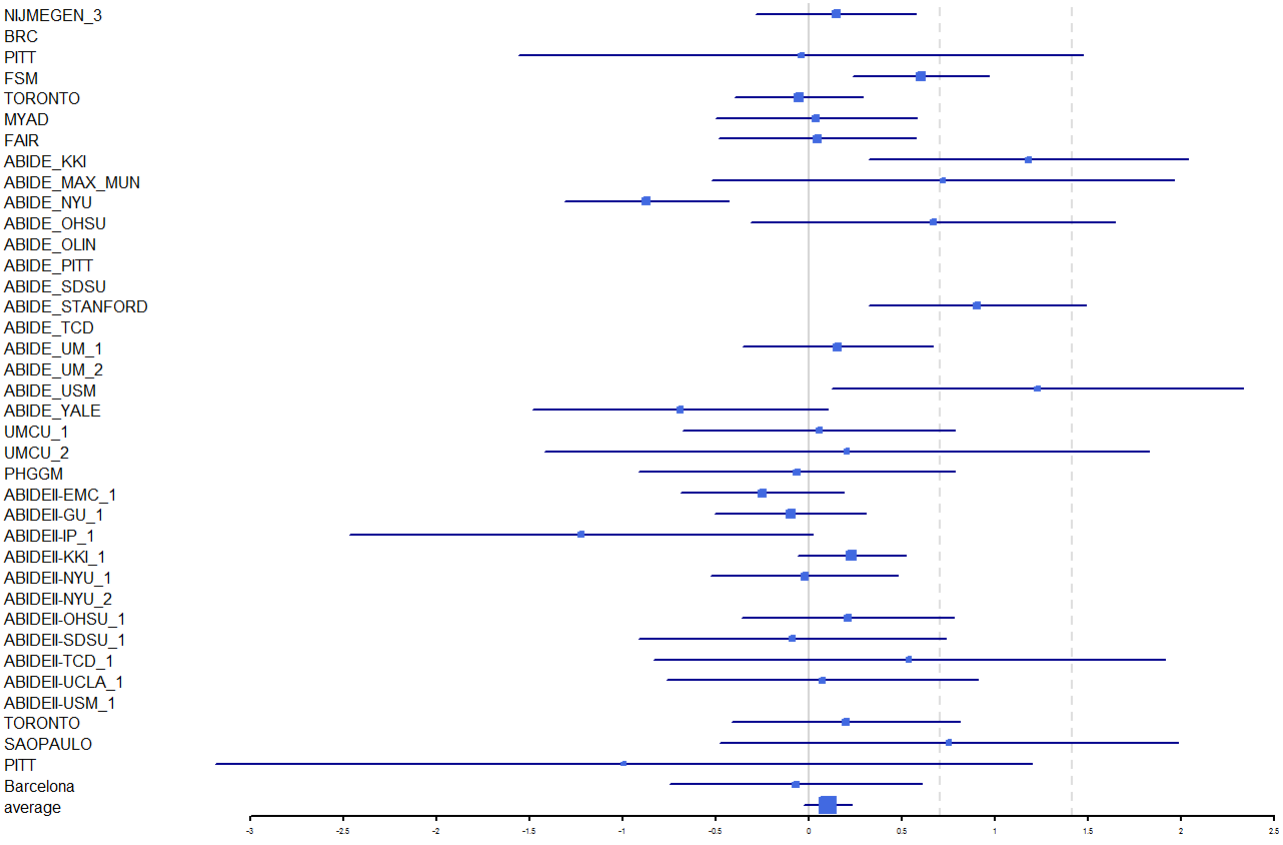


[Children]

Intracranial Volume ADHD vs HC. (I2= 62.19)



Intracranial Volume ASD vs HC. (I2= 62.19)



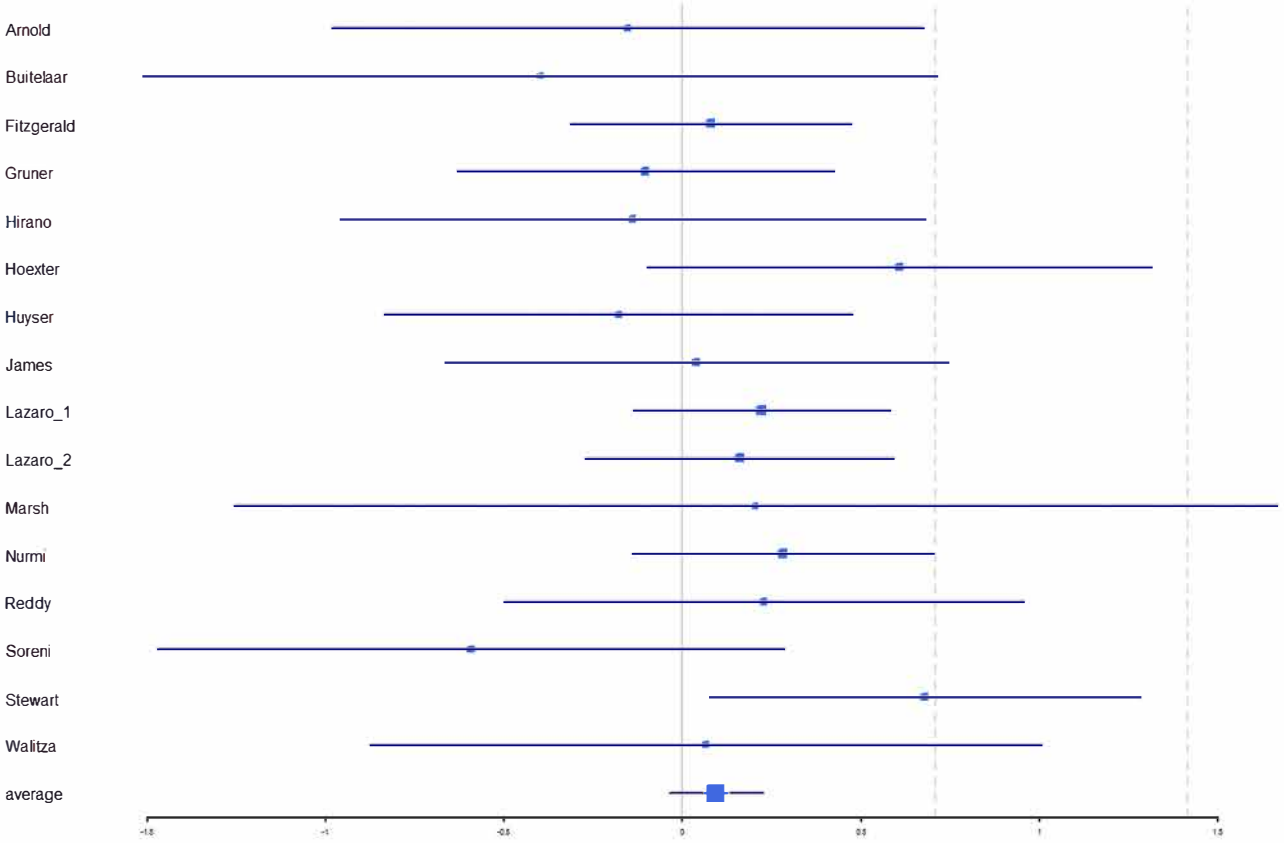
Crossdisorder: forestplots

Forest plots Adolescents

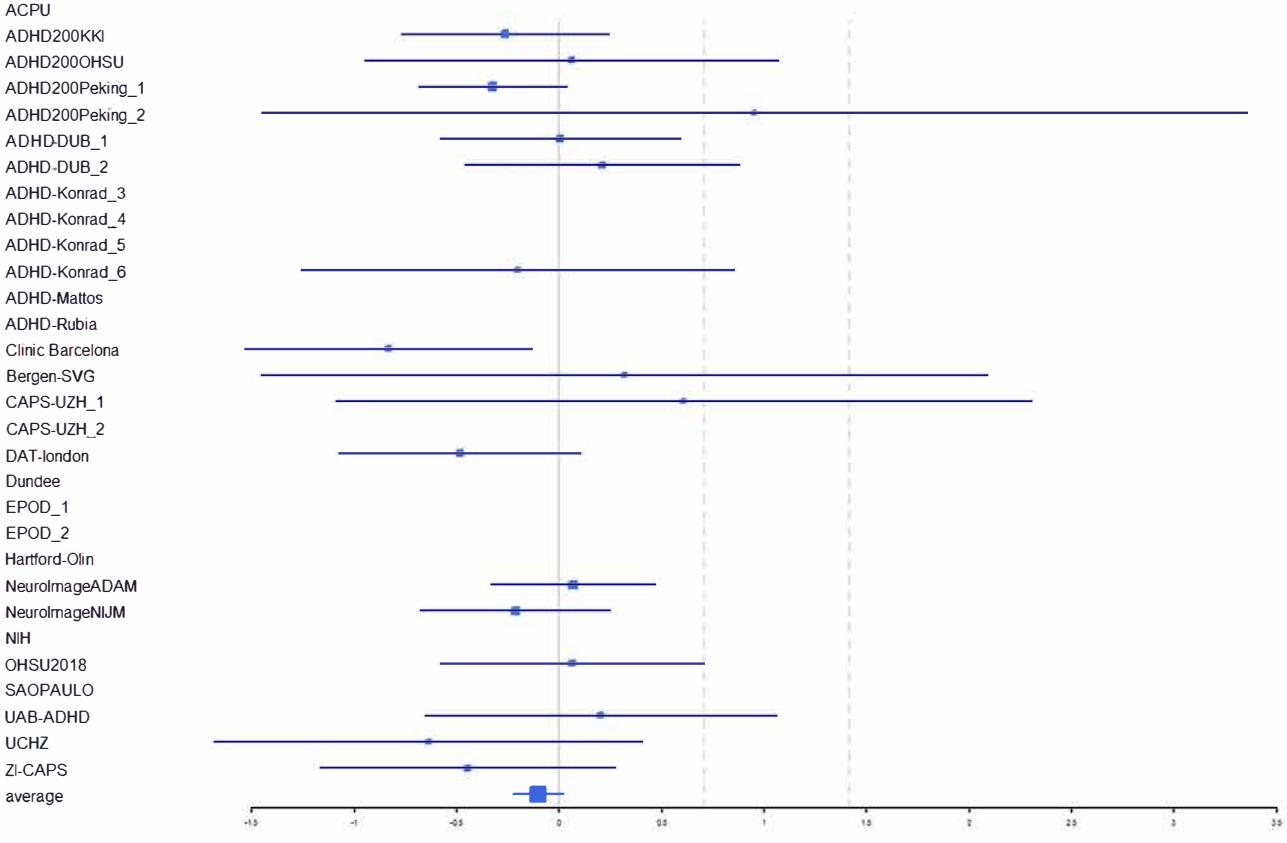
Forest plots are generated by running the standard regression model of each z-scored MRI feature x (y ~ x + Age + Sex) again, for each site indepentently. Output are effect sizes and 95% confidence interval per feature.

[Adolescents]

Mean Thalamus OCD vs HC. (I2= 11.84)

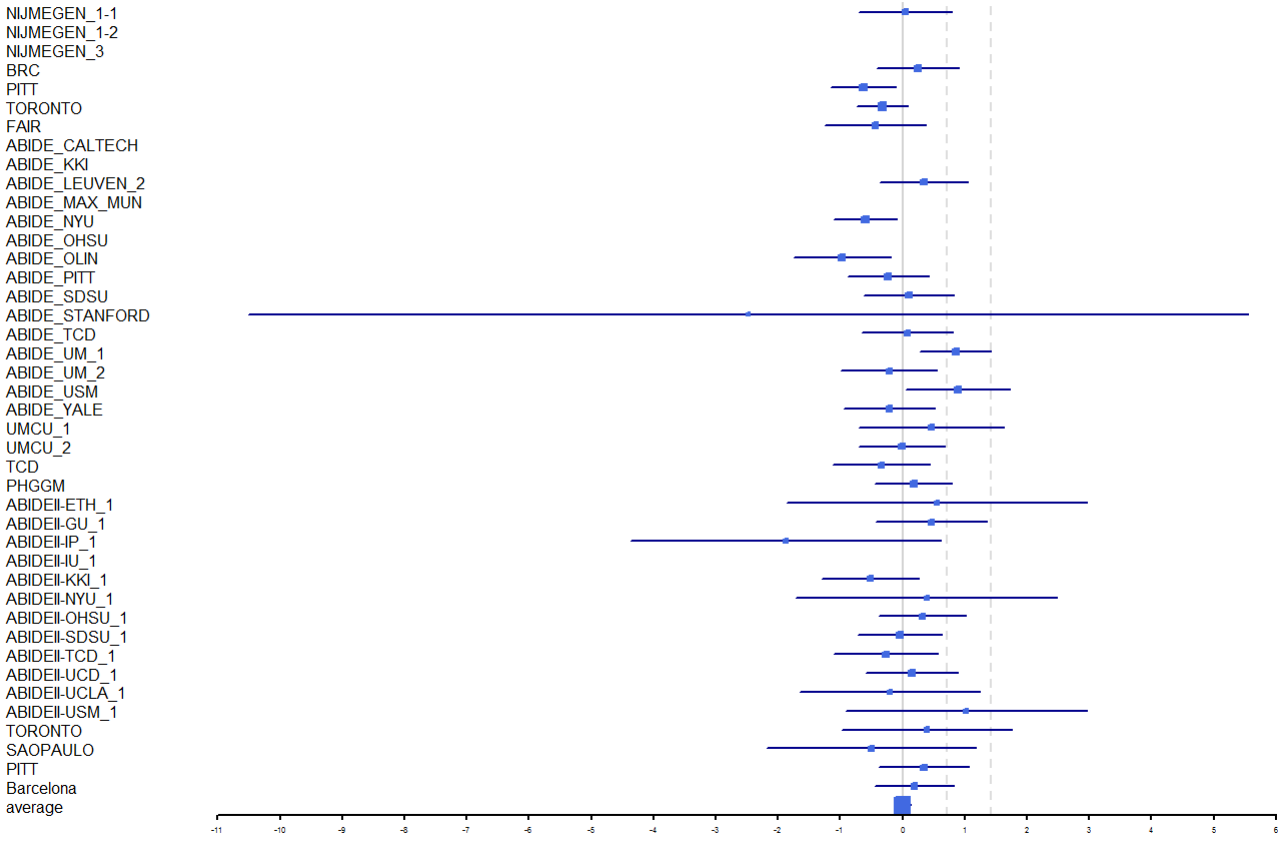


Mean Thalamus ADHD vs HC. (I2= 13.03)

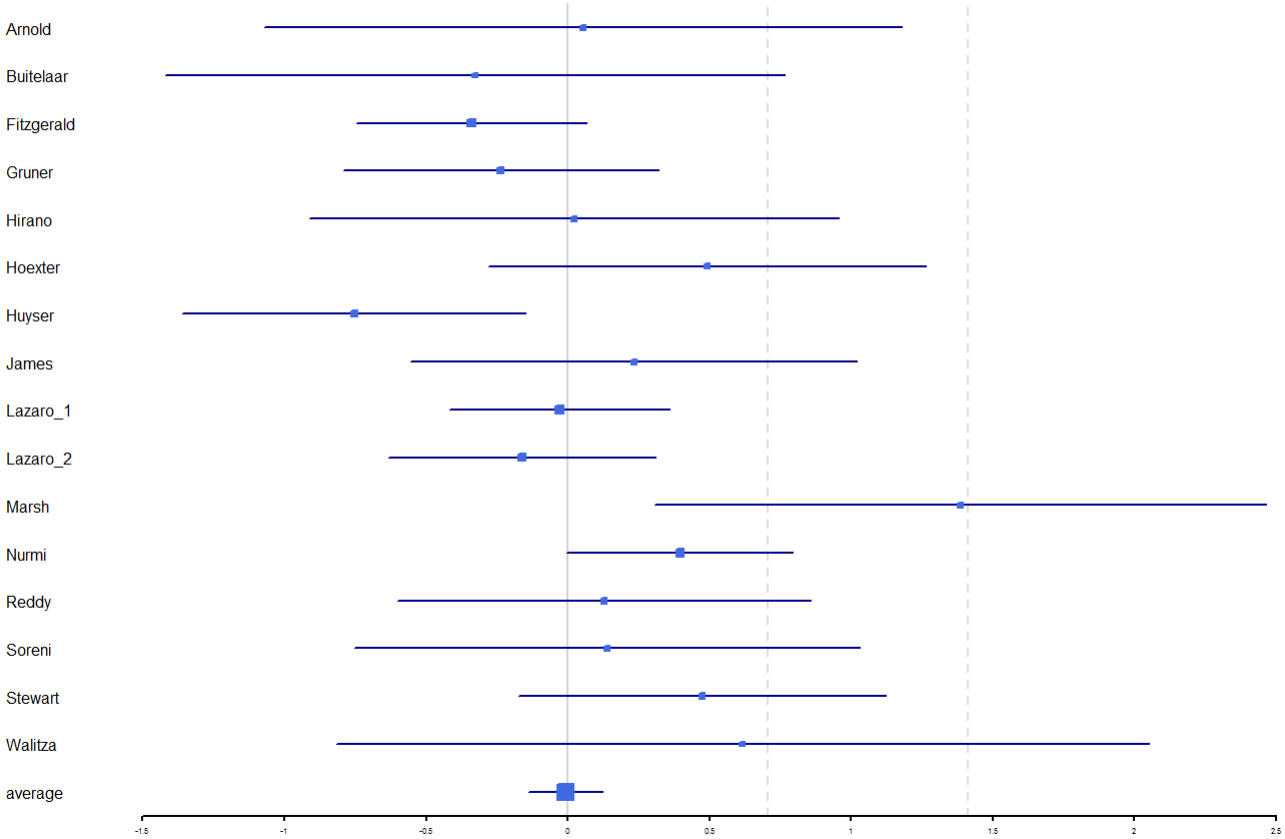


[Adolescents]

Mean Thalamus ASD vs HC. (I2= 46.94)

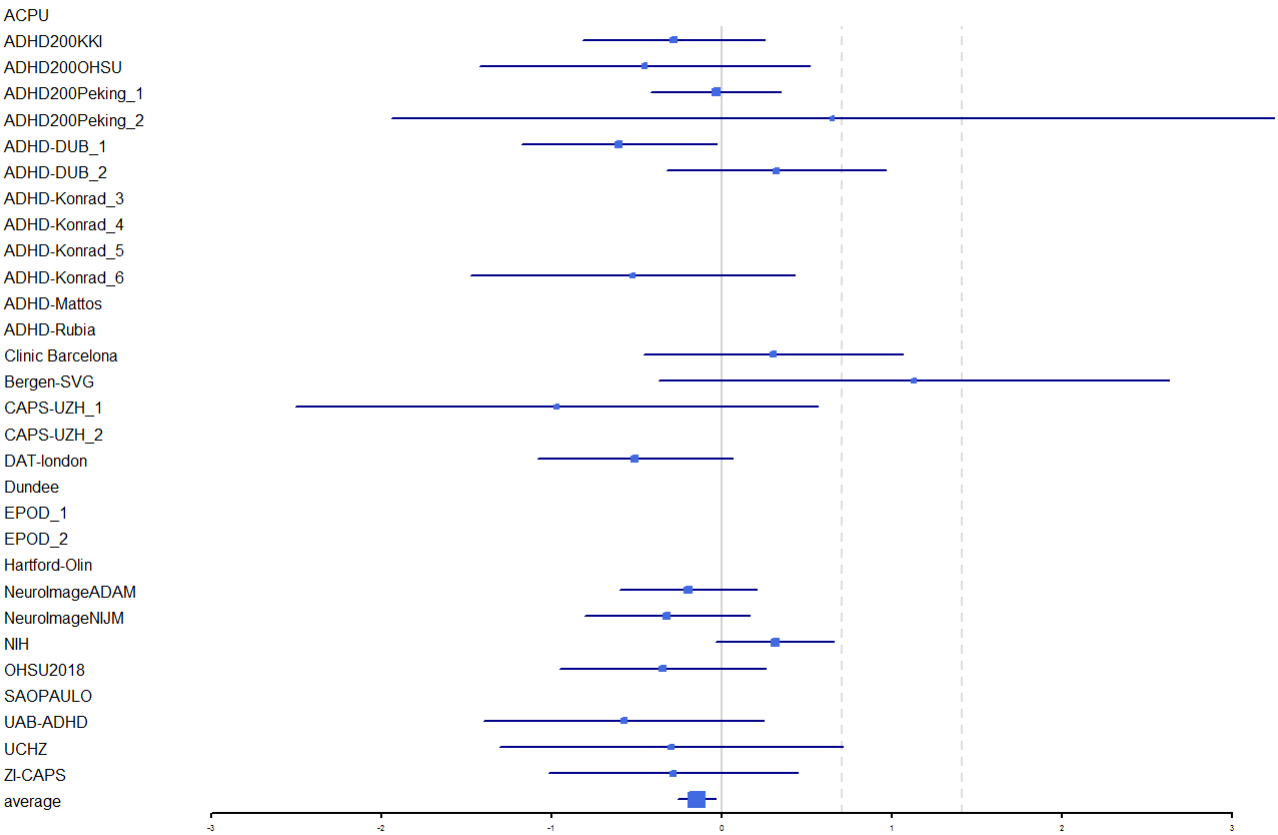


Mean Putamen OCD vs HC. (I2= 25.08)

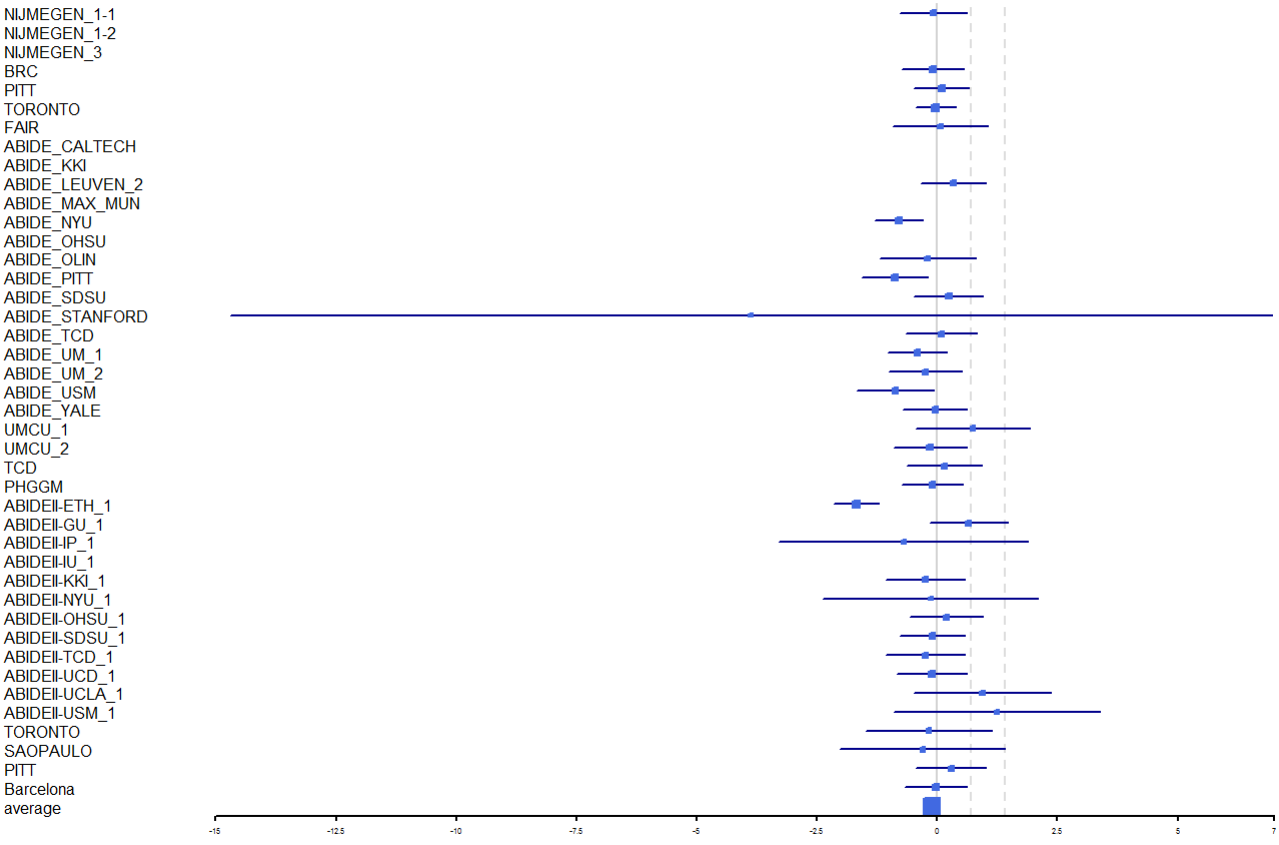


[Adolescents]

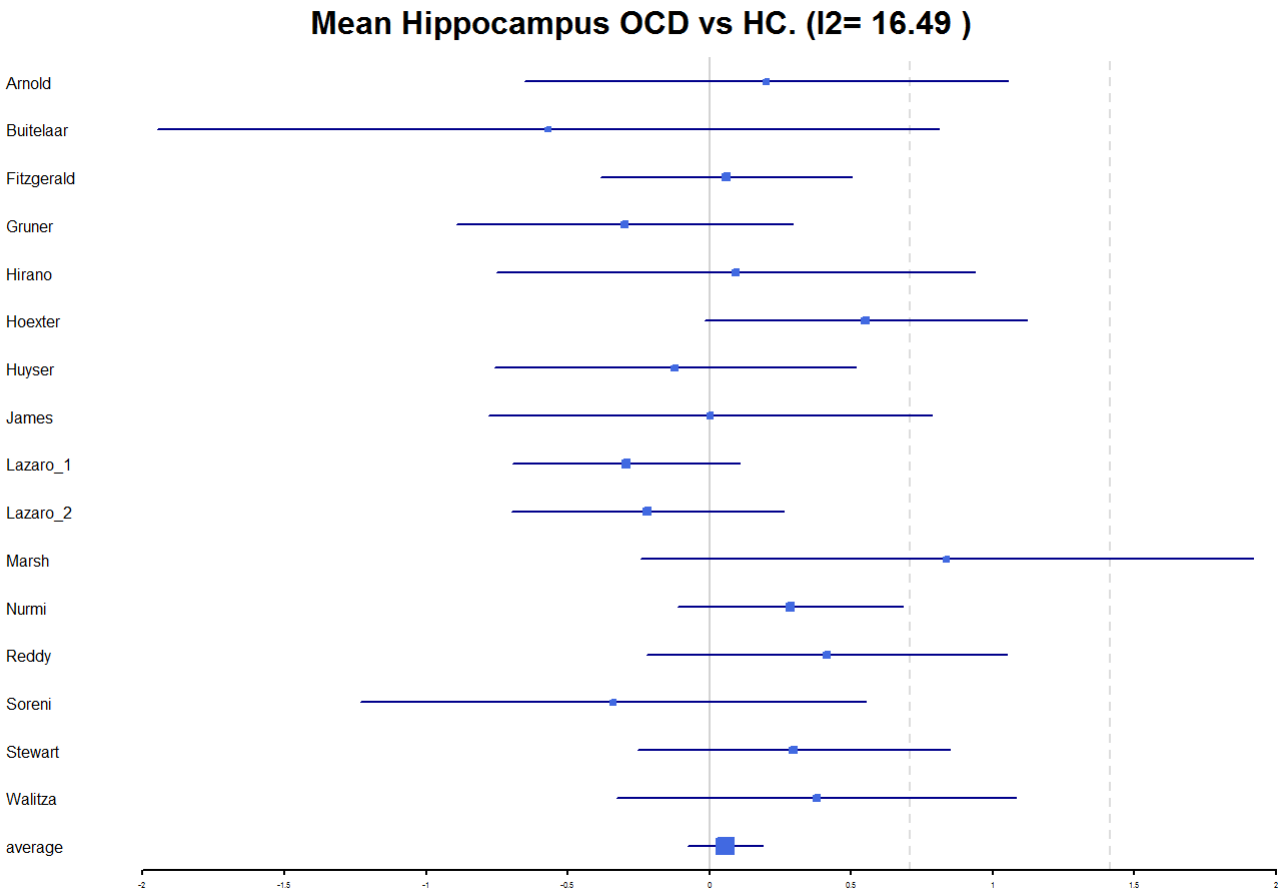
Mean Putamen ADHD vs HC. (I2= 22.15)

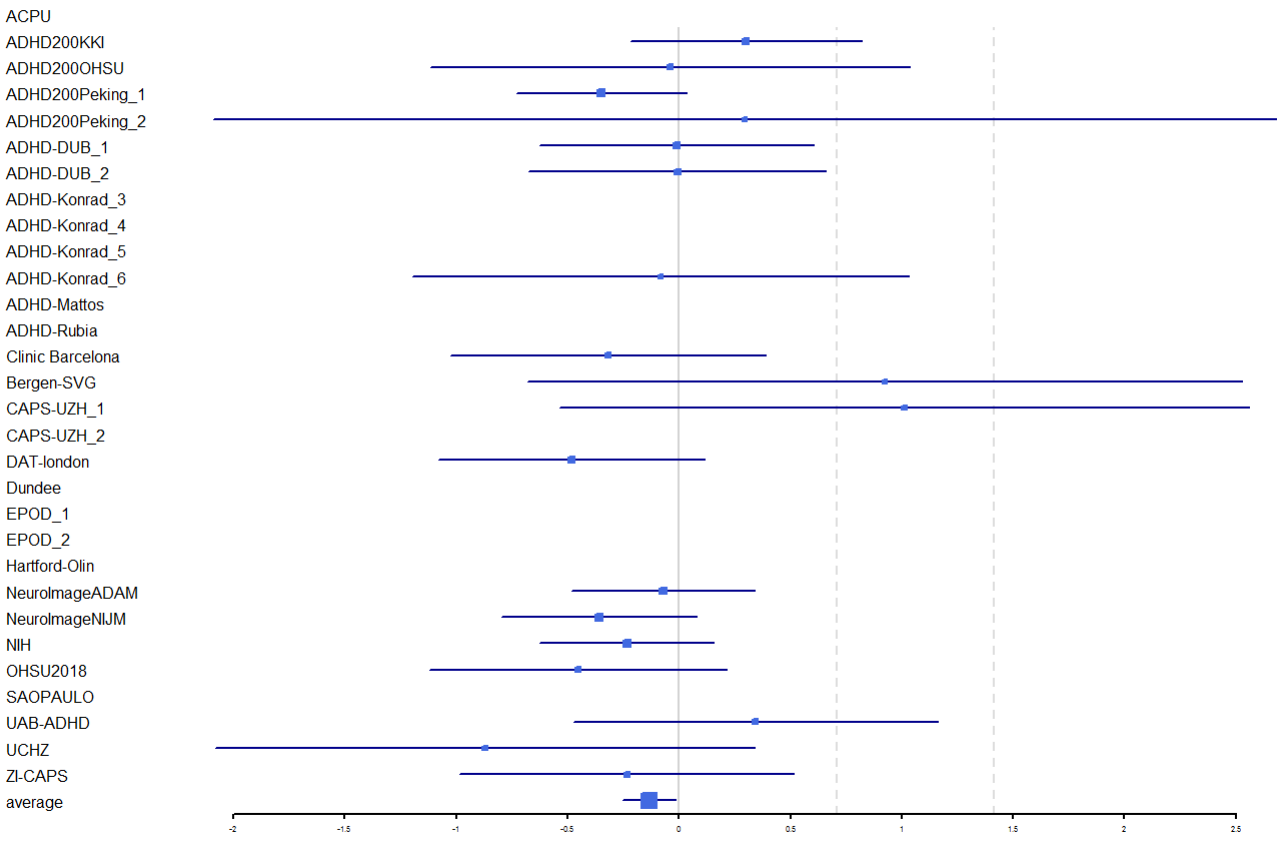


Mean Putamen ASD vs HC. (I2= 72.68)



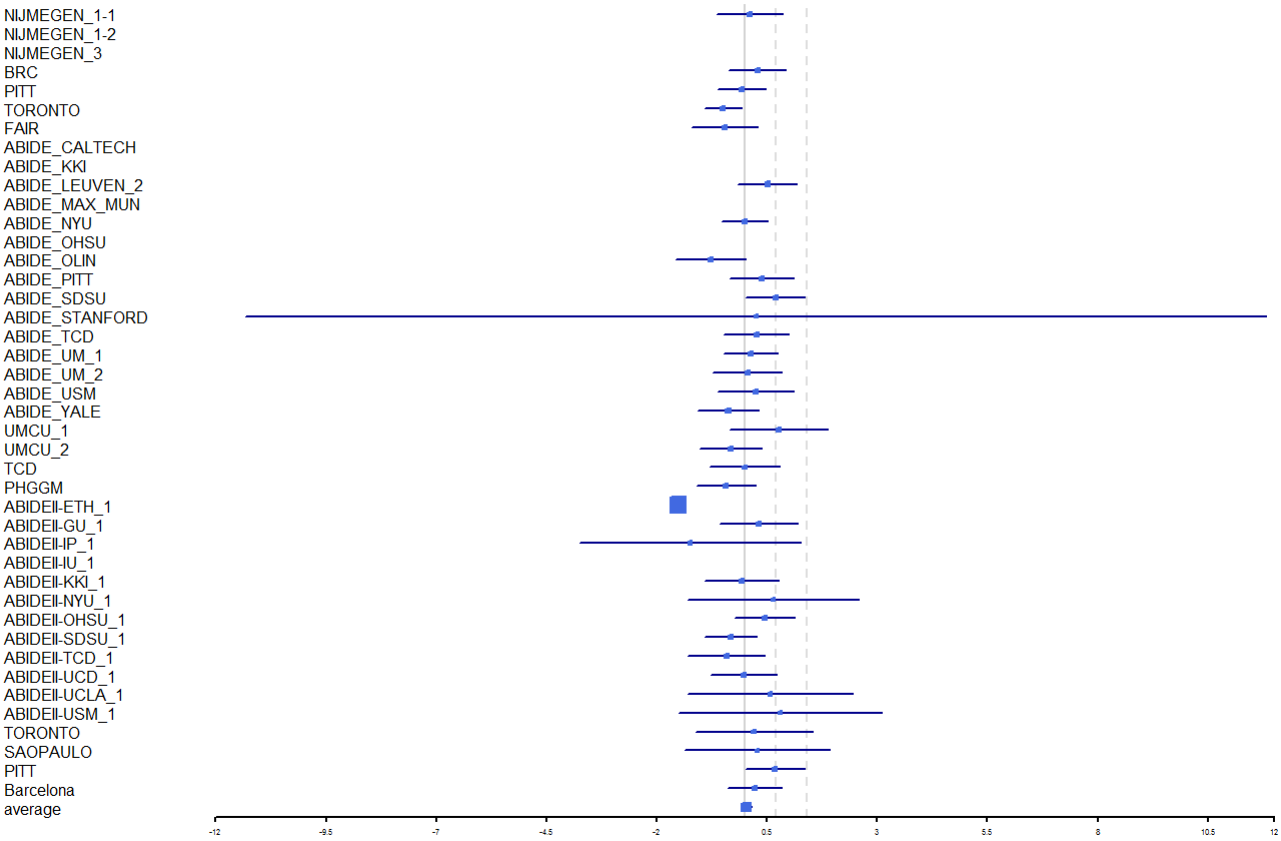
[Adolescents]



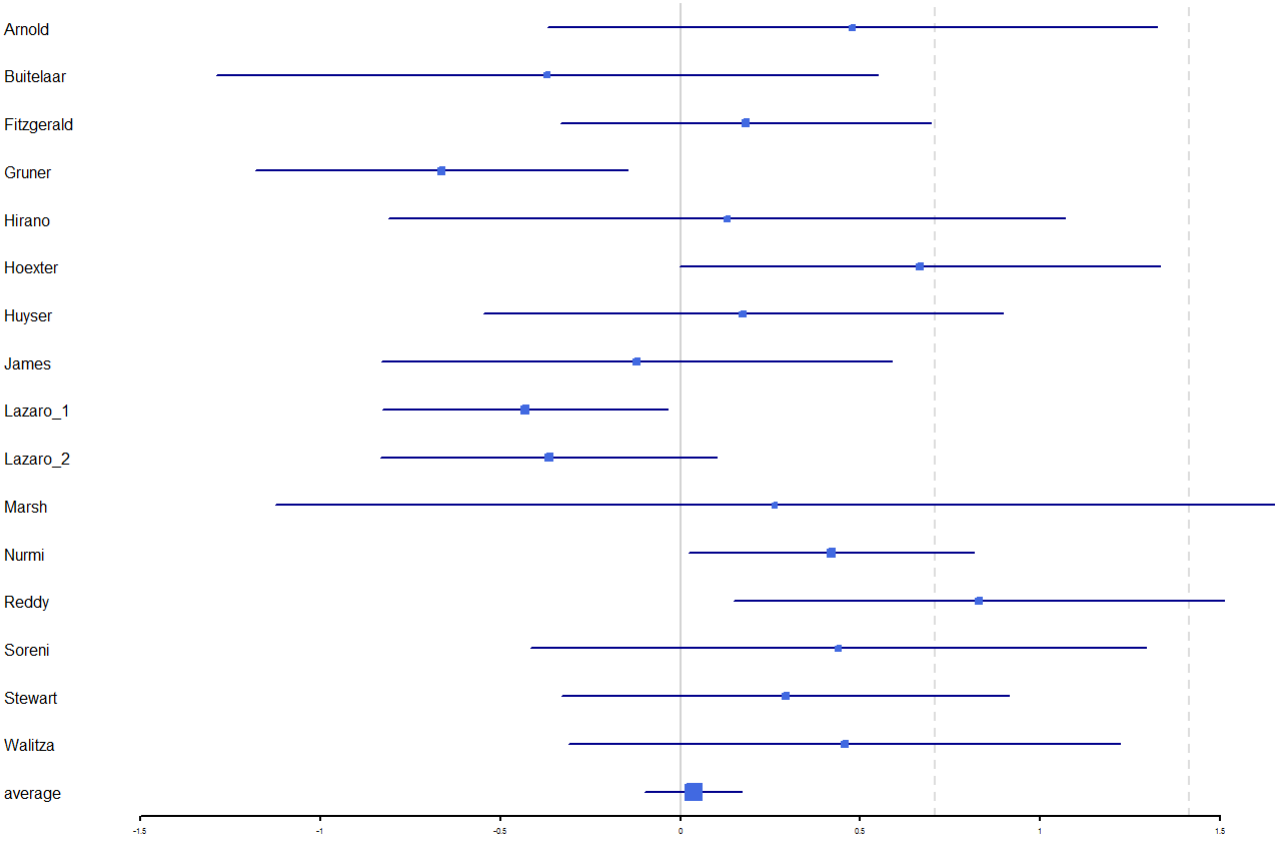


[Adolescents]

Mean Hippocampus ASD vs HC. (I2= 511.13)

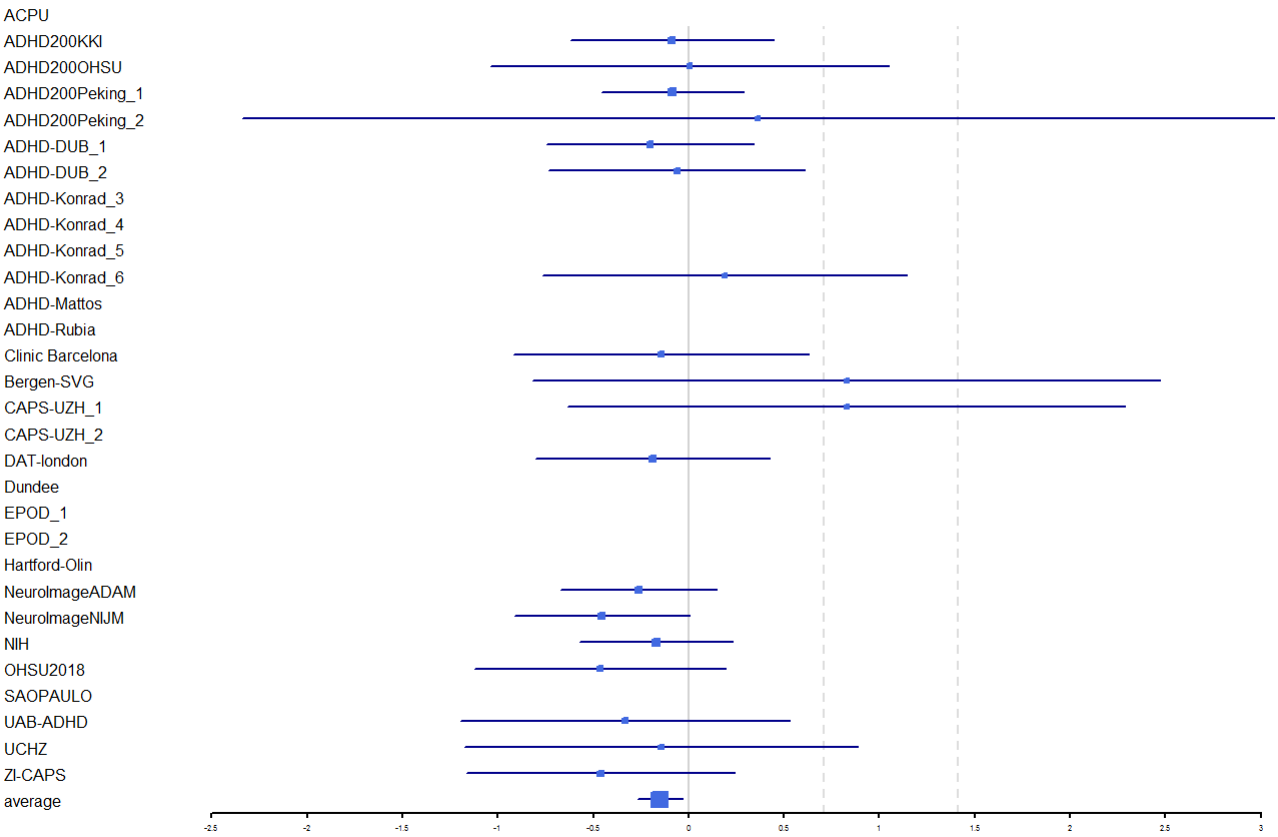


Mean Amygdala OCD vs HC. (I2= 32.63)

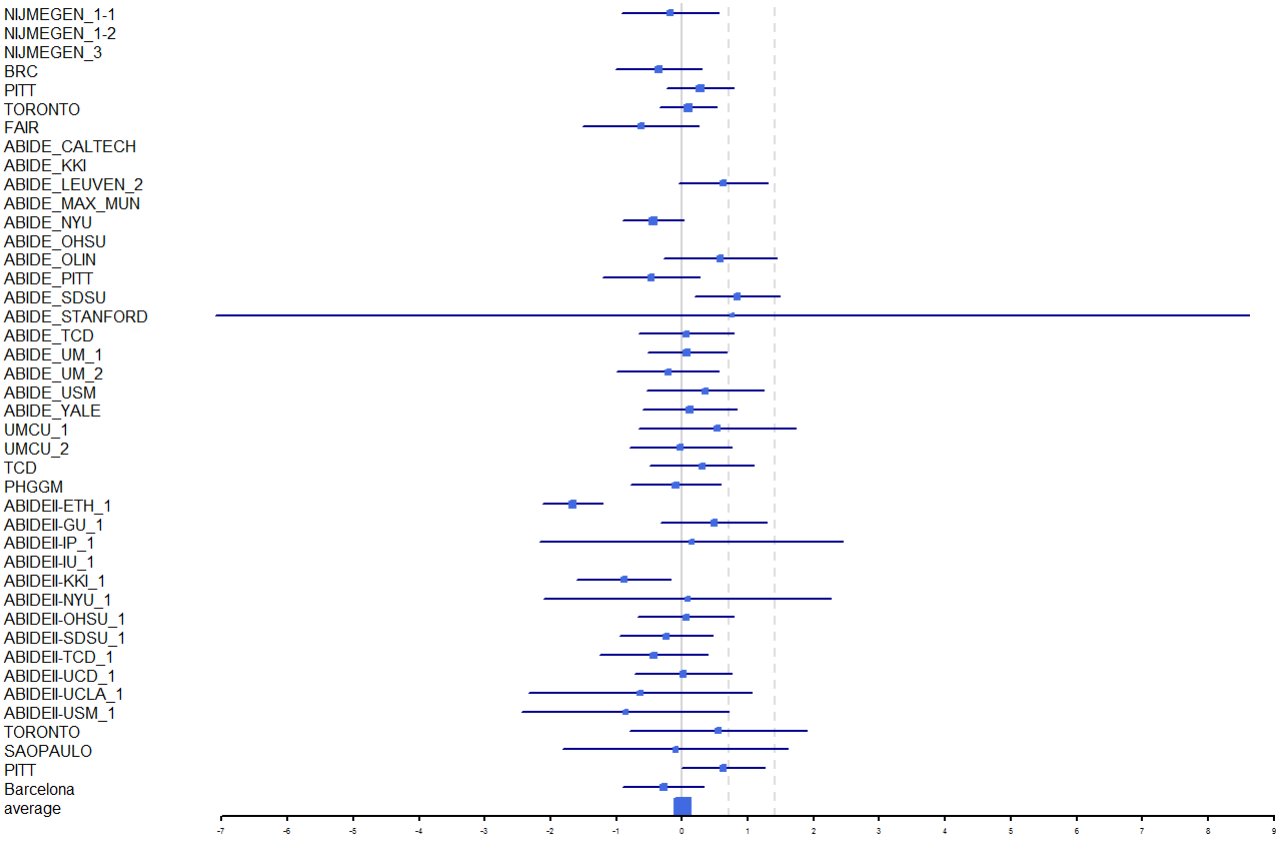


[Adolescents]

Mean Amygdala ADHD vs HC. (I2= 7.59)

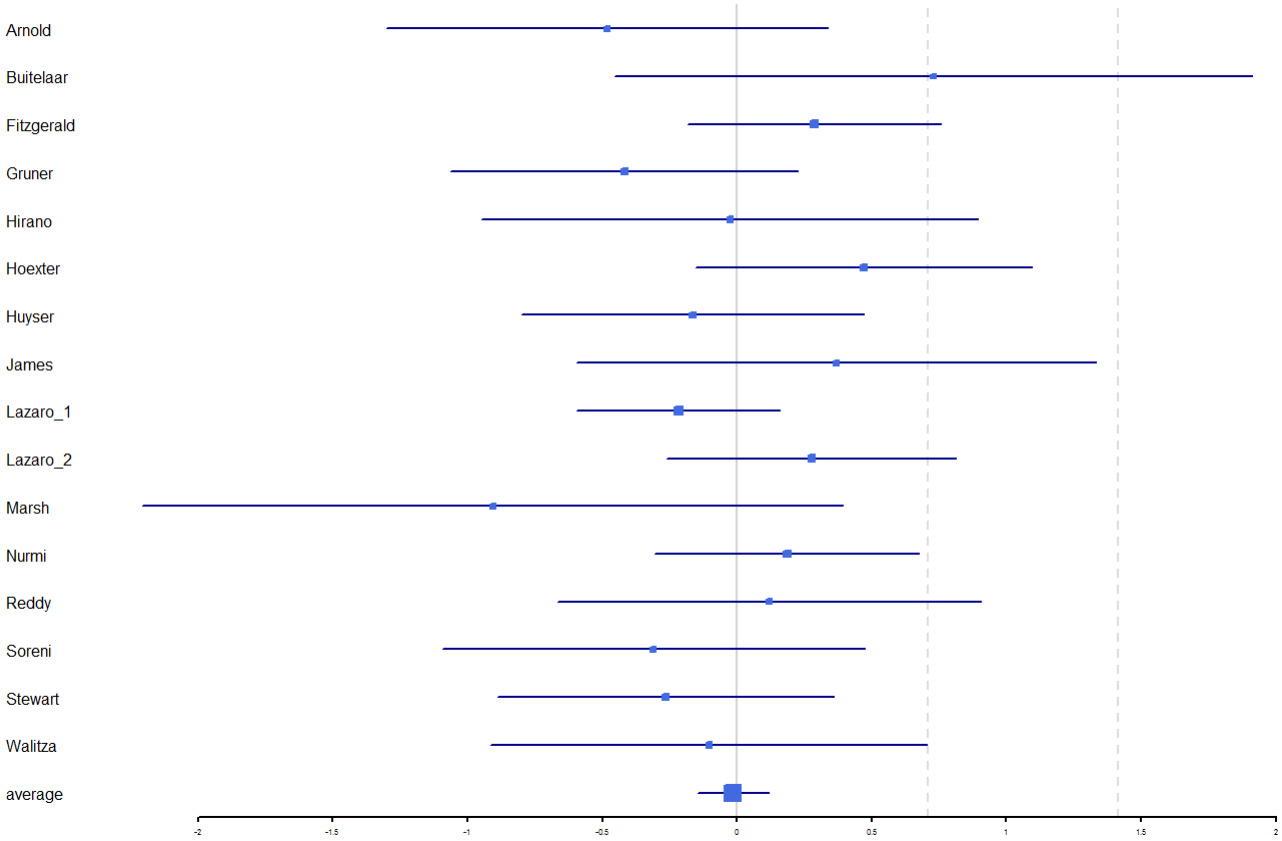


Mean Amygdala ASD vs HC. (I2= 88.3)

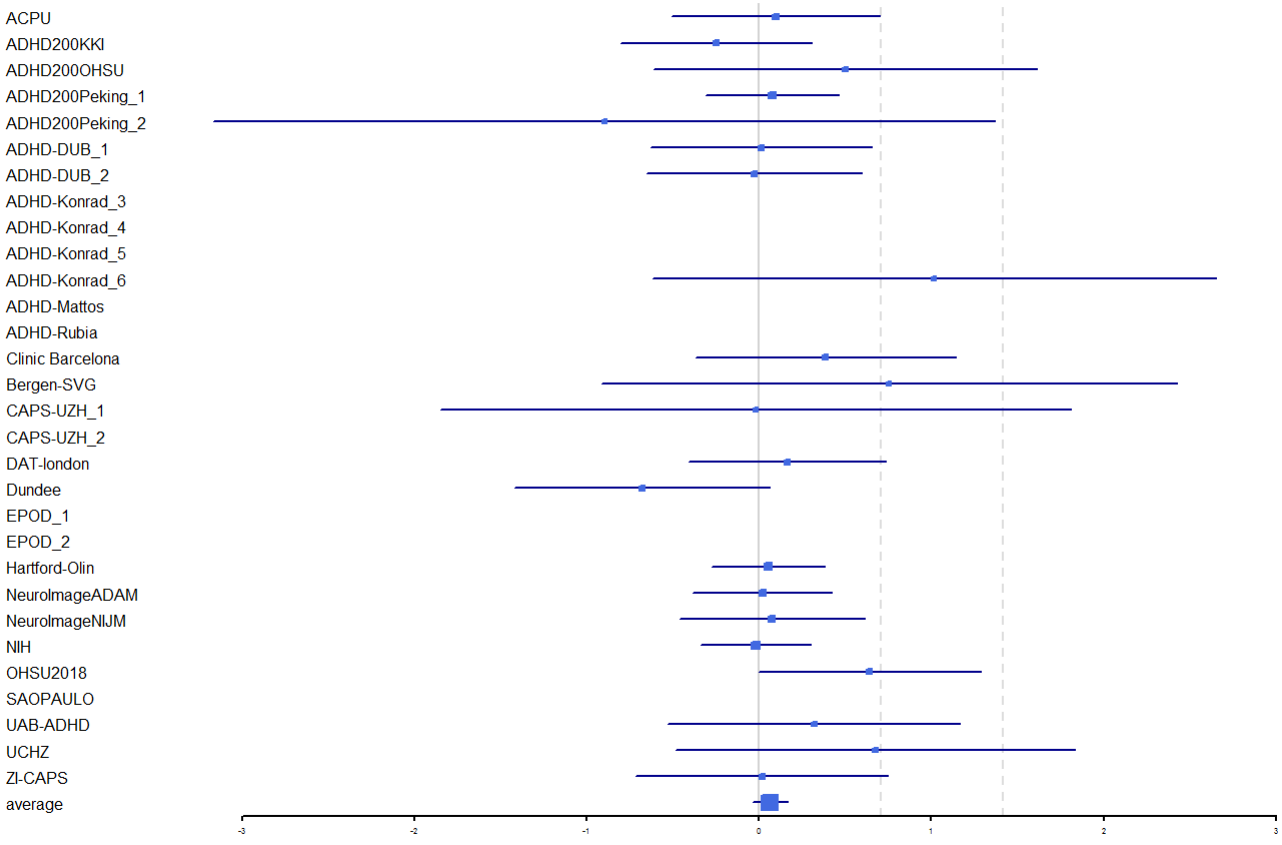


[Adolescents]

Mean Thickness Orbitofrontal OCD vs HC. (I2= 15)

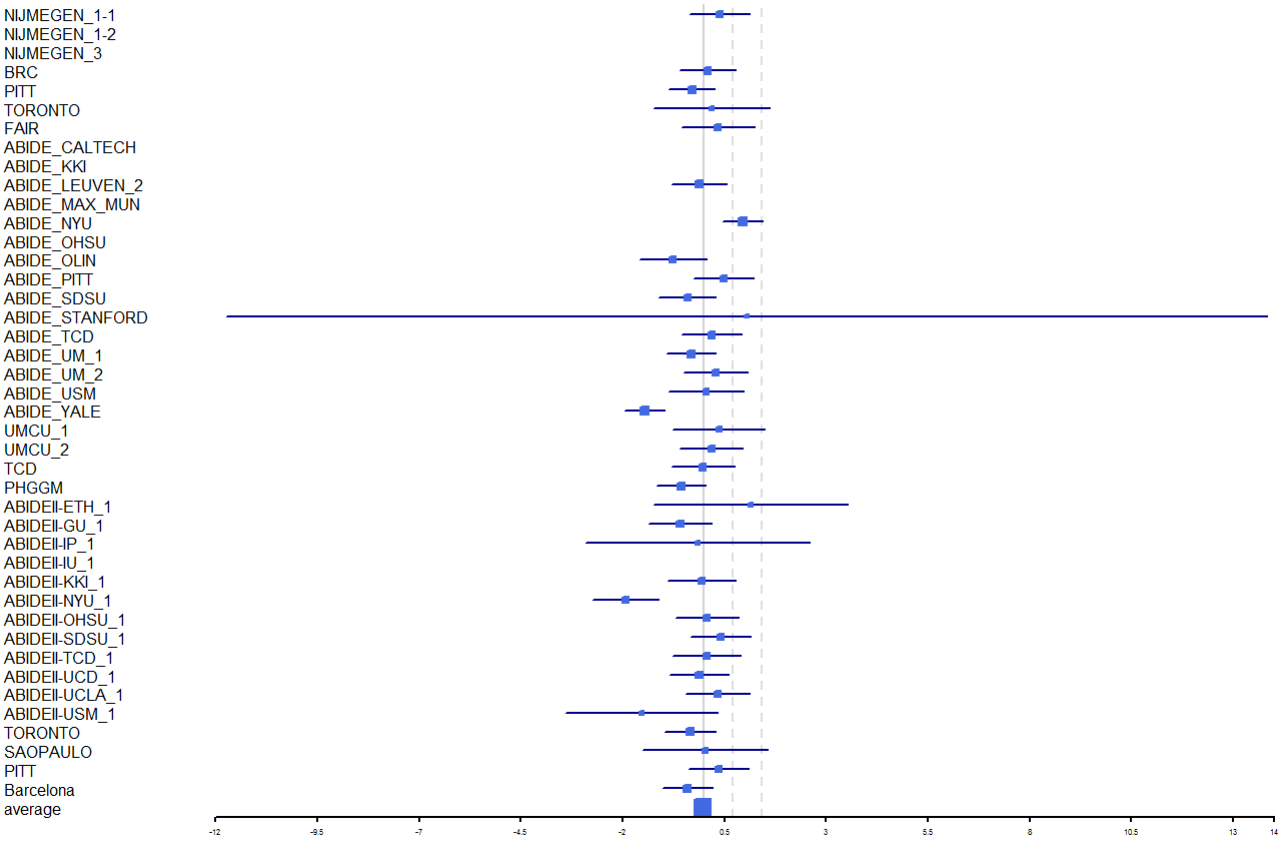


Mean Thickness Orbitofrontal ADHD vs HC. (I2= 14.09)

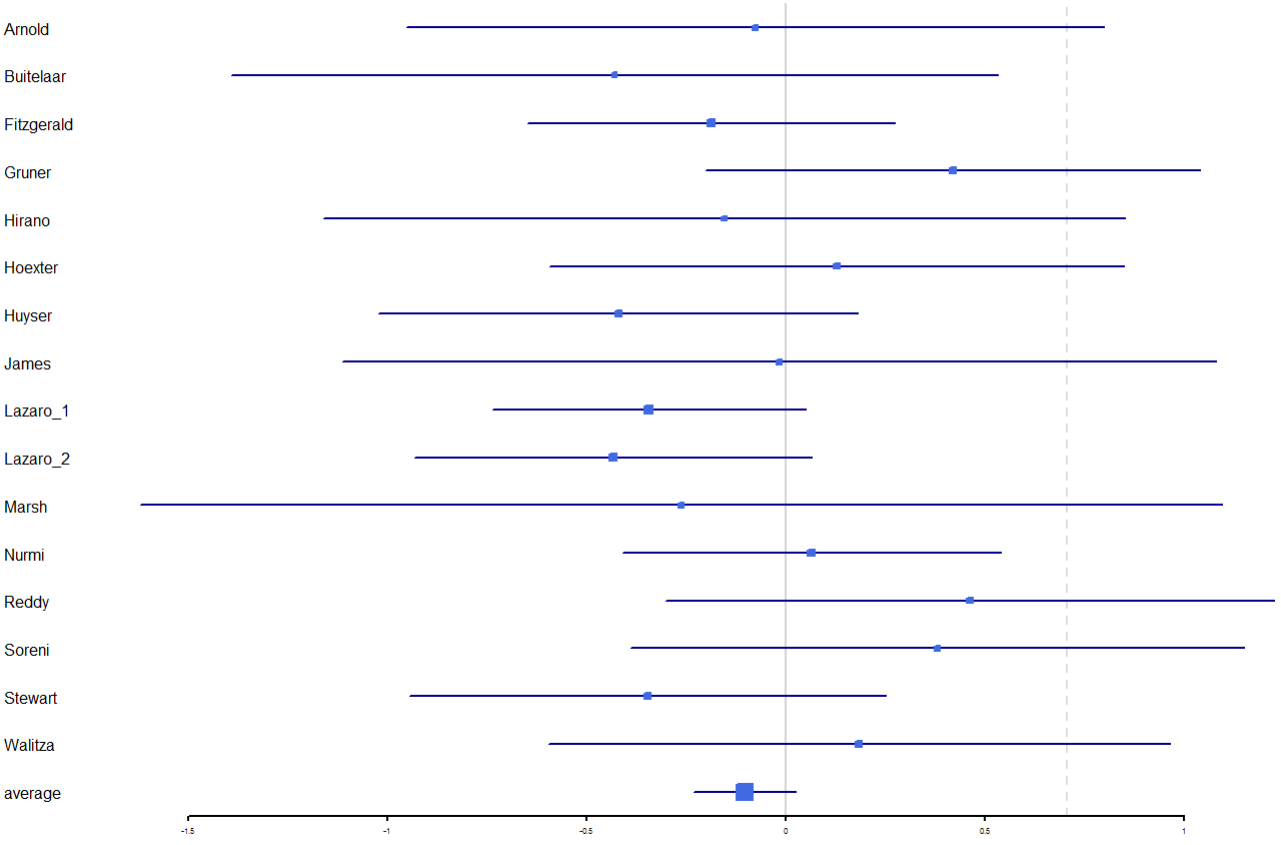


[Adolescents]

Mean Thickness Orbitofrontal ASD vs HC. (I2= 92.64)

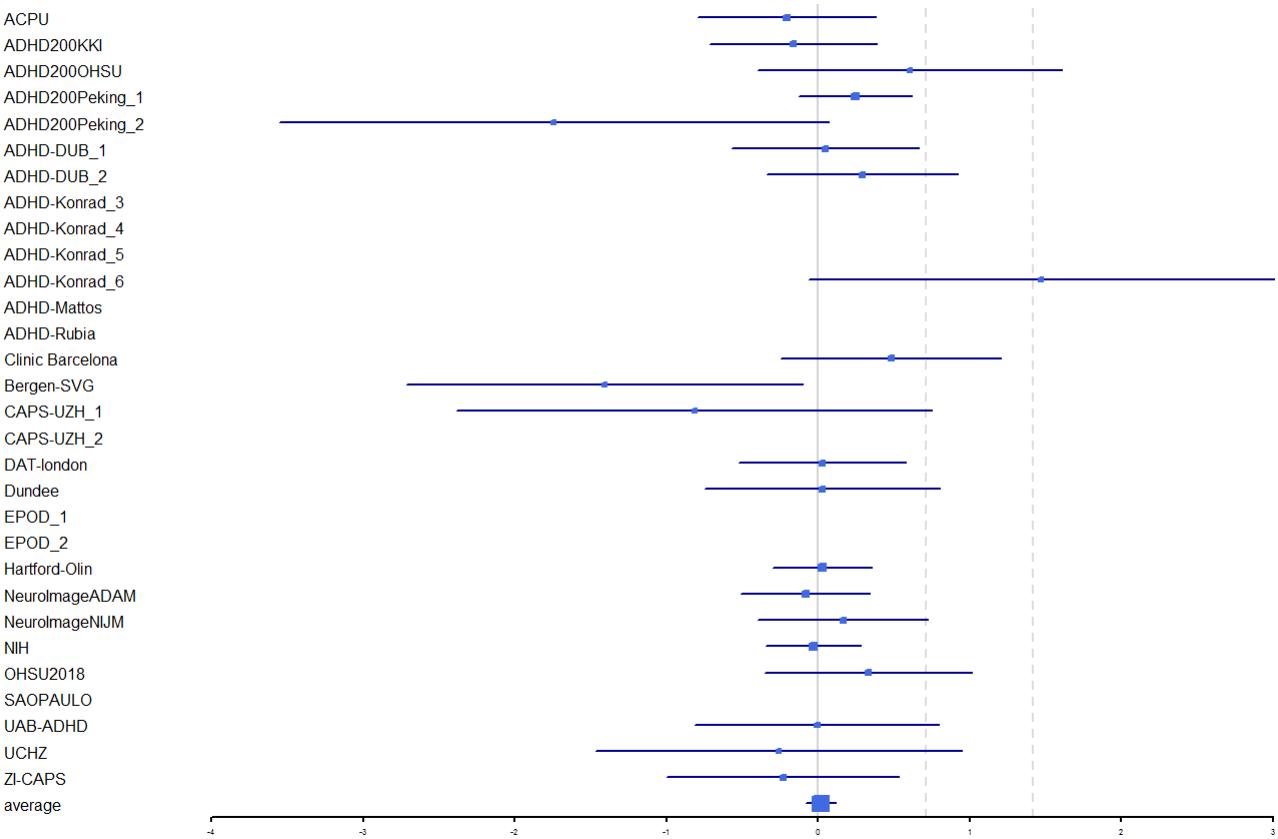


Mean Thickness Pars Triangularis OCD vs HC. (I2= 13.2)

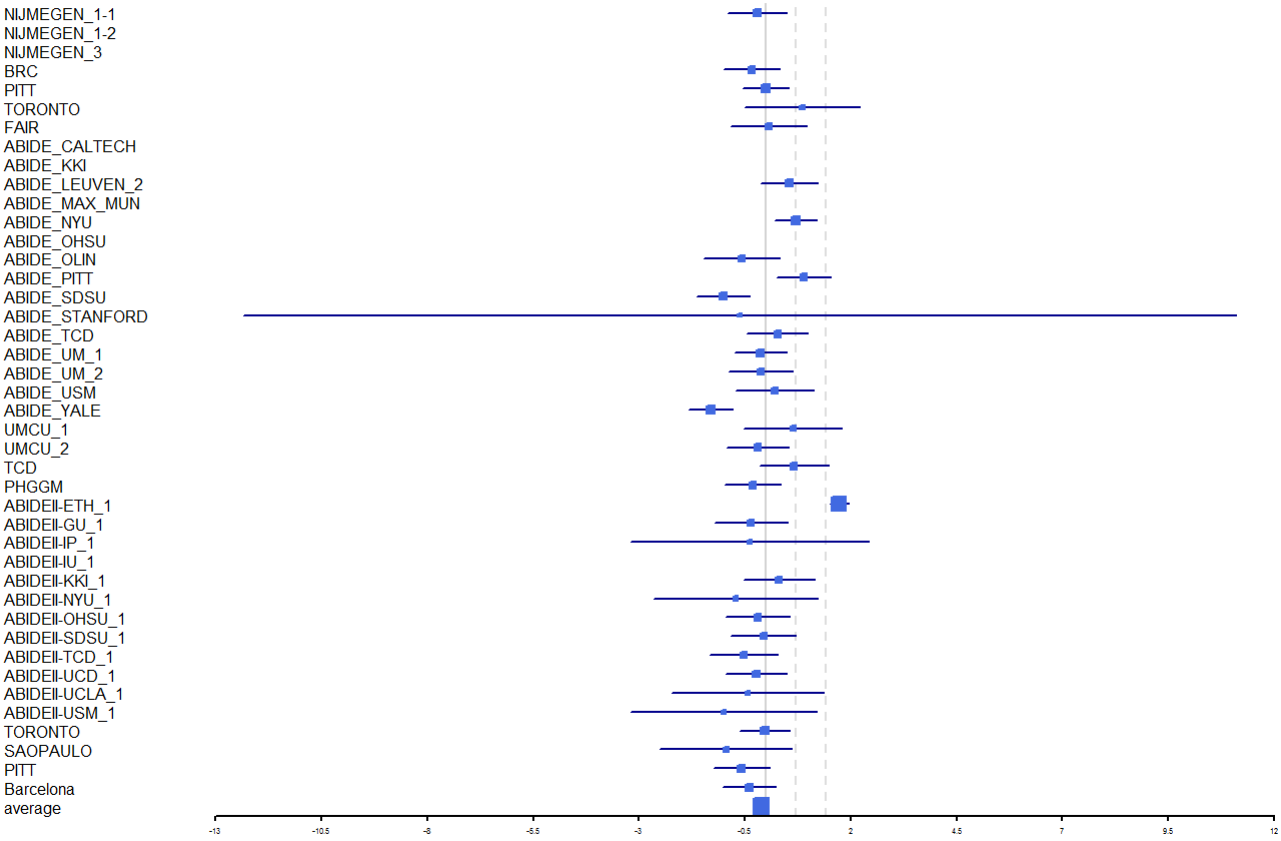


[Adolescents]

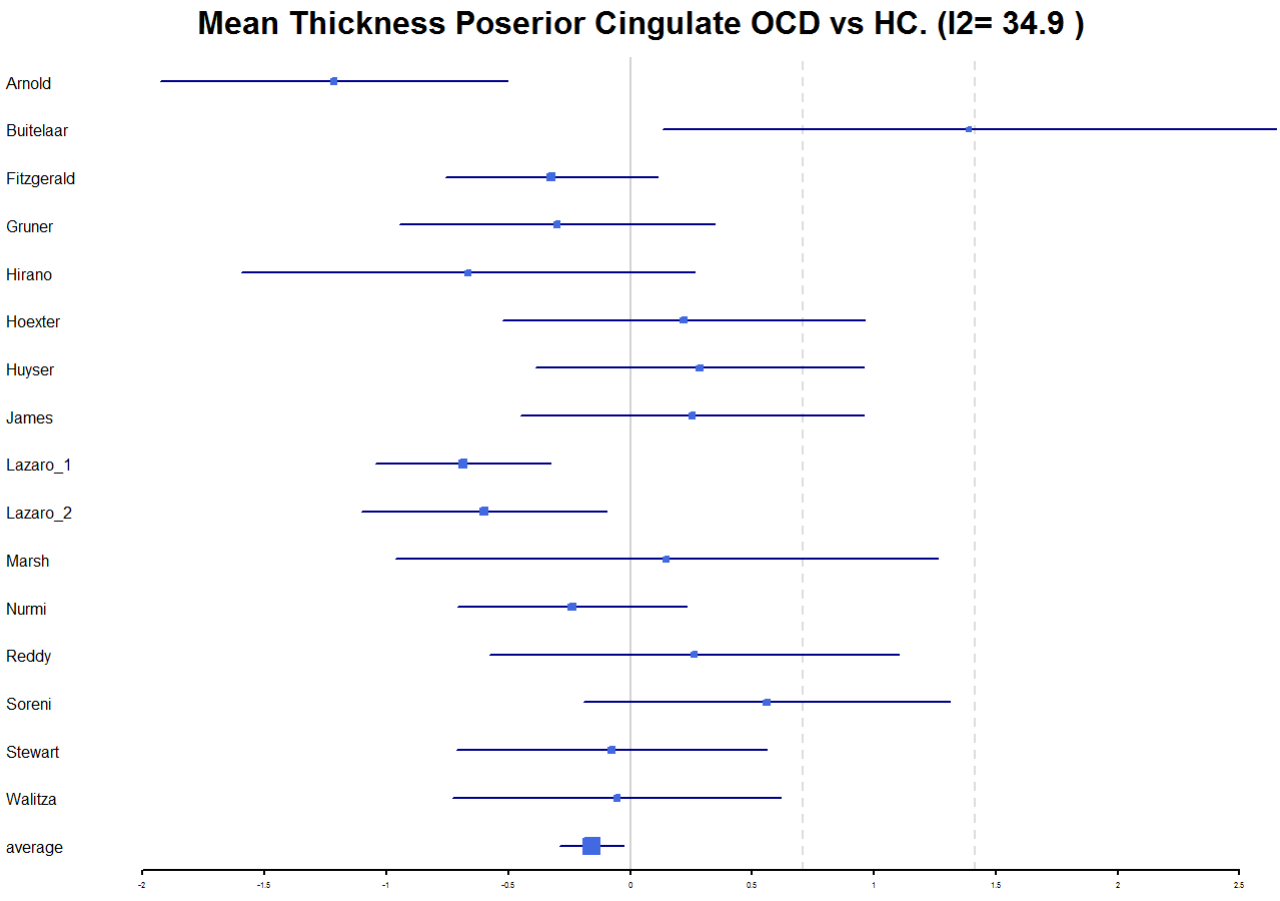
Mean Thickness Pars Triangularis ADHD vs HC. (I2= 20.7)

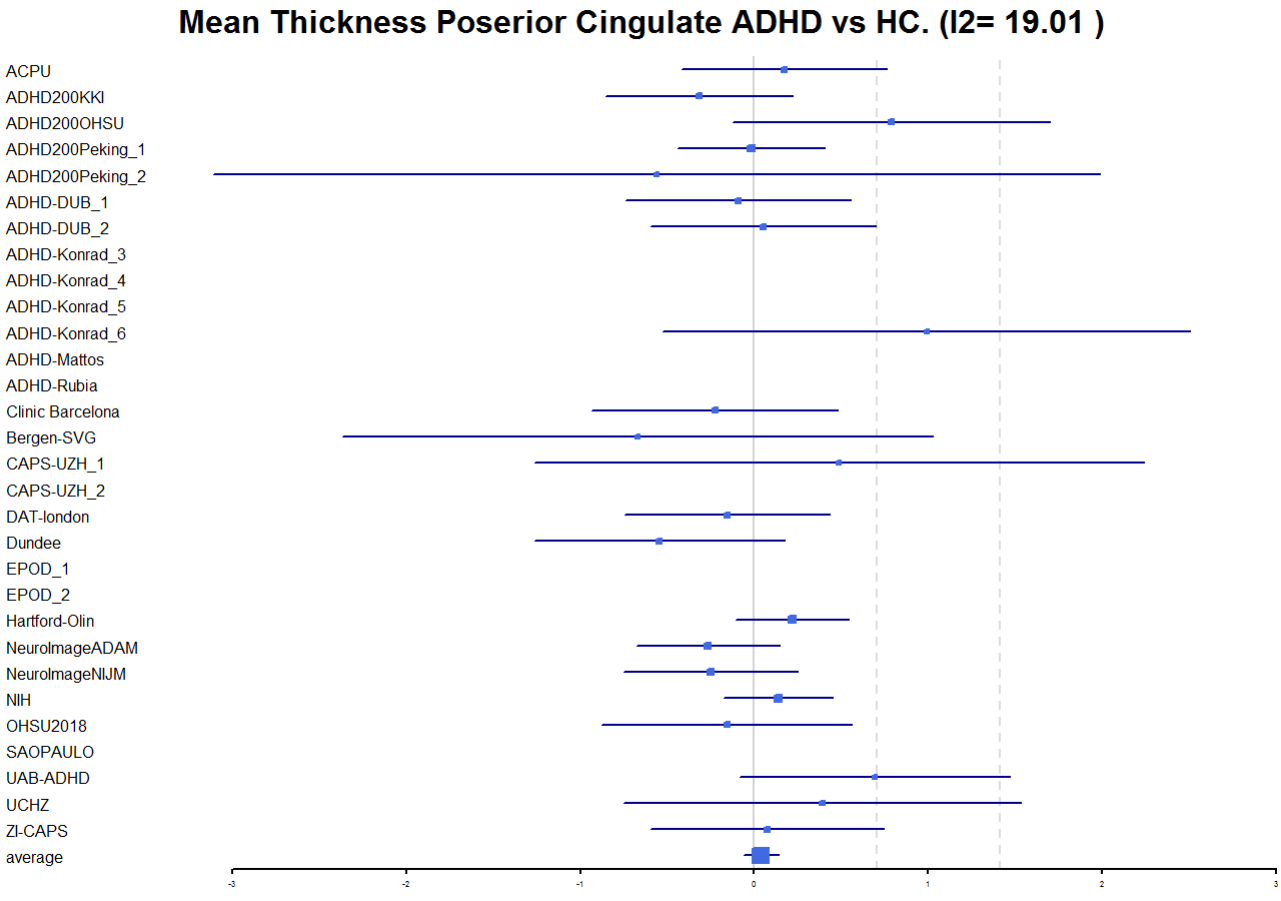


Mean Thickness Pars Triangularis ASD vs HC. (I2= 272.41)



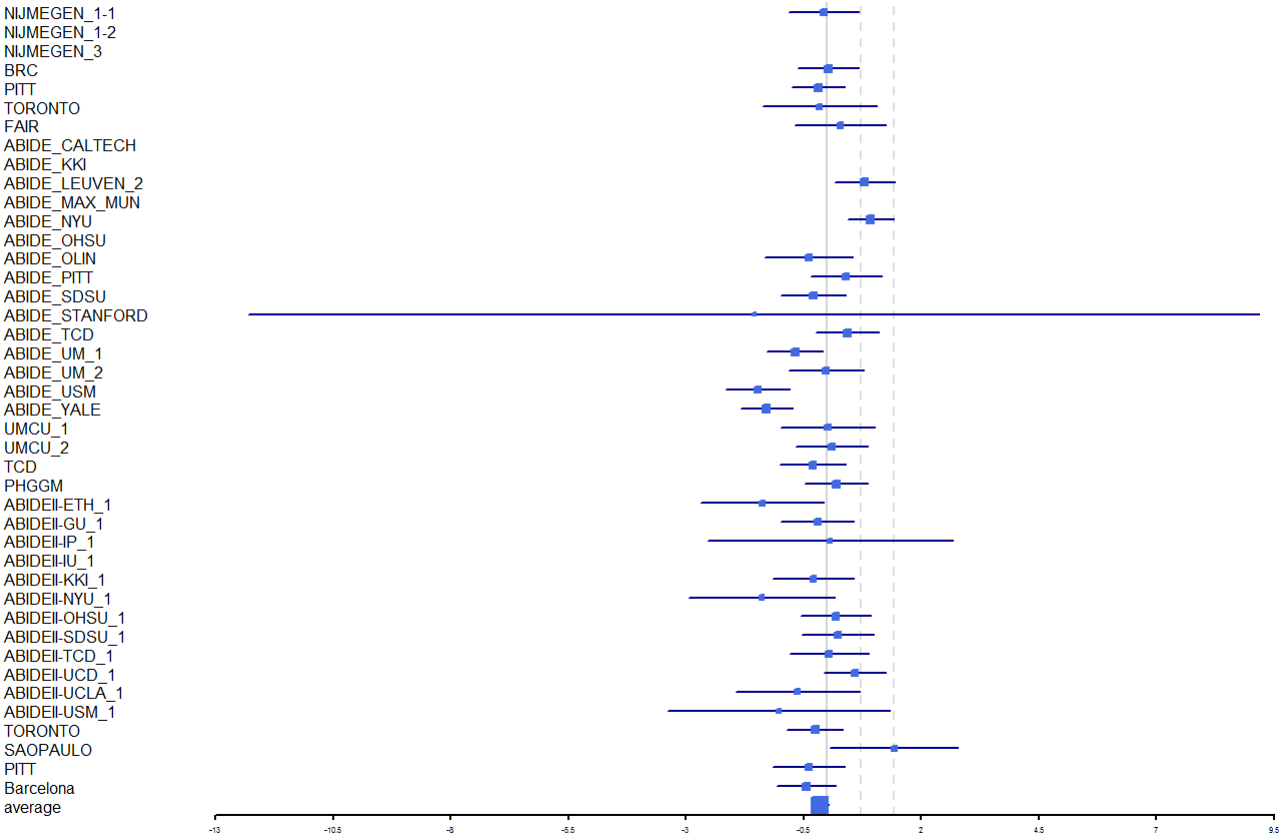
[Adolescents]



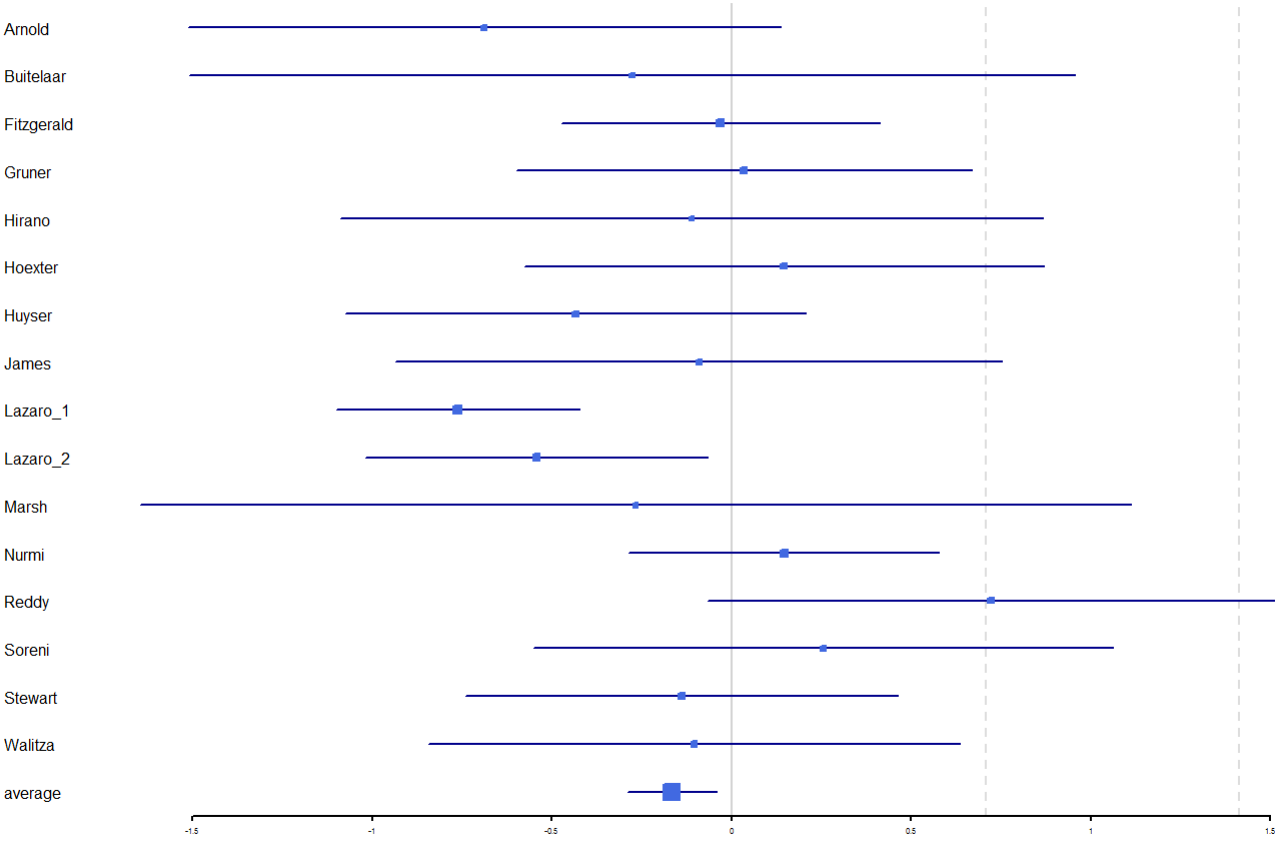


[Adolescents]

Mean Thickness Poserior Cingulate ASD vs HC. (I2= 89.09)

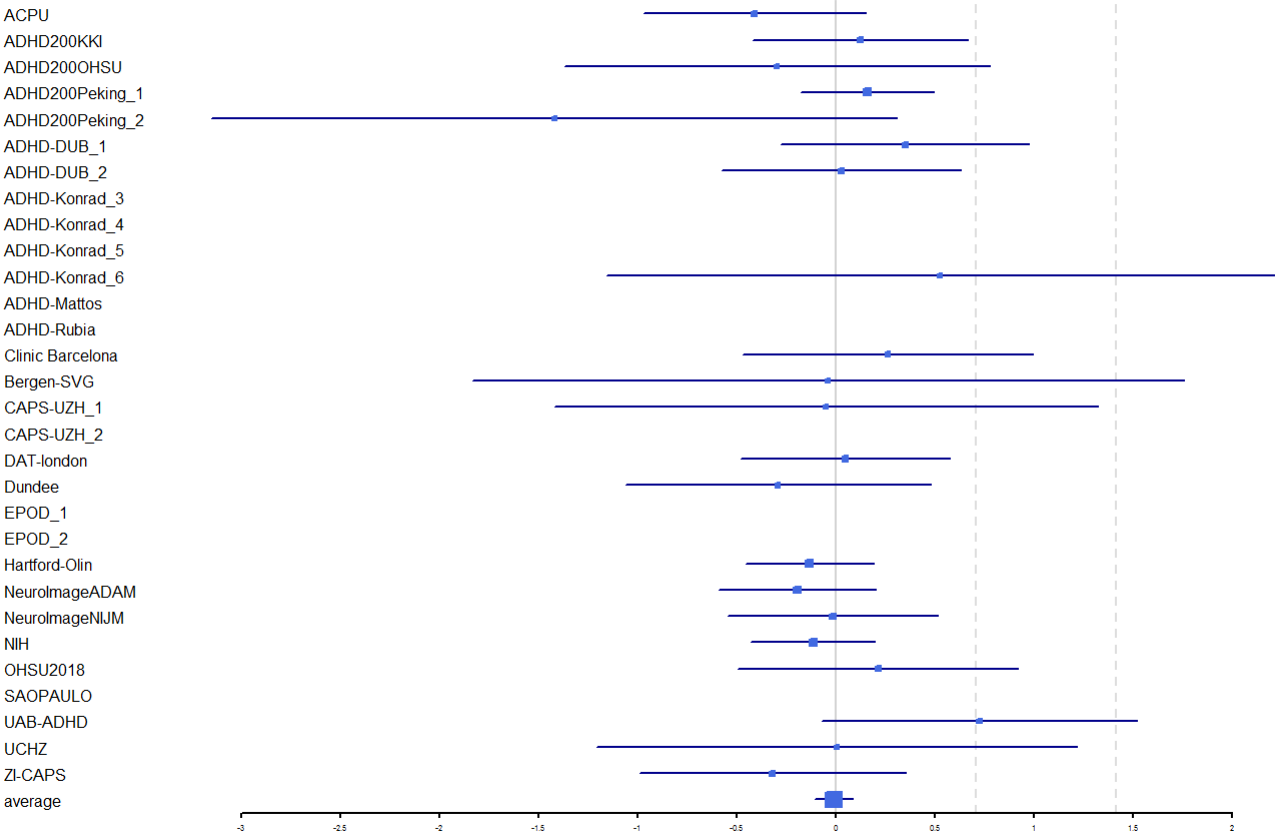


Mean Cortical Thickness OCD vs HC. (I2= 25.51)

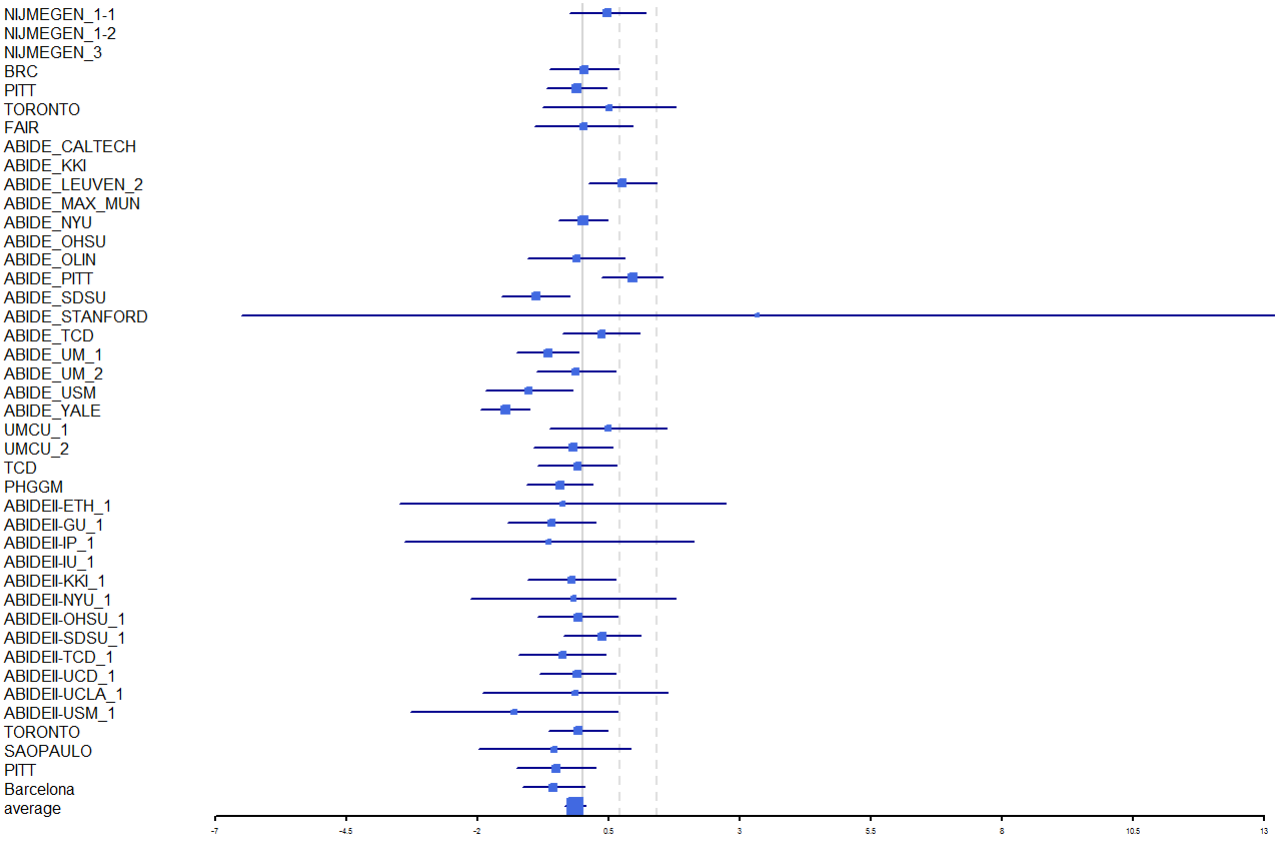


[Adolescents]

Mean Cortical Thickness ADHD vs HC. (I2= 14.99)

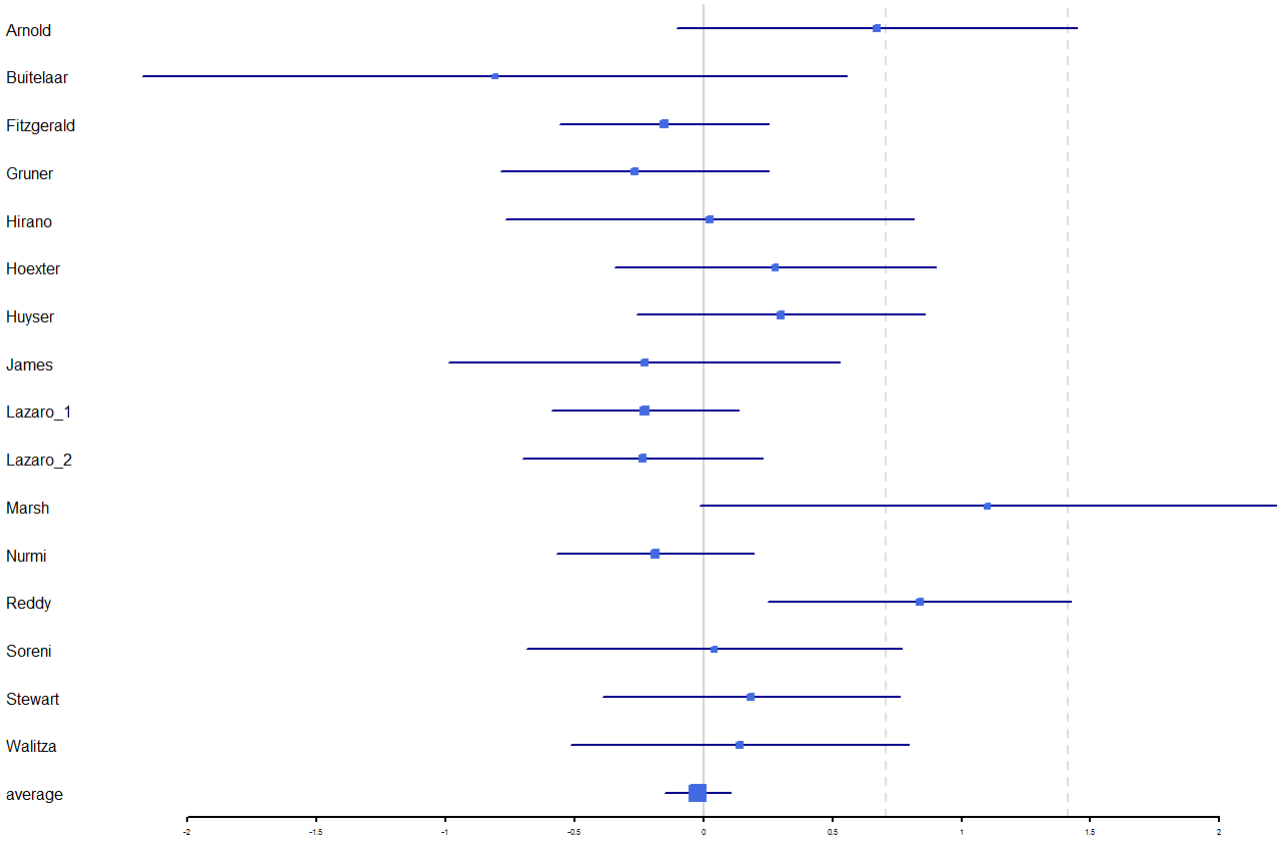


Mean Cortical Thickness ASD vs HC. (I2= 79.74)

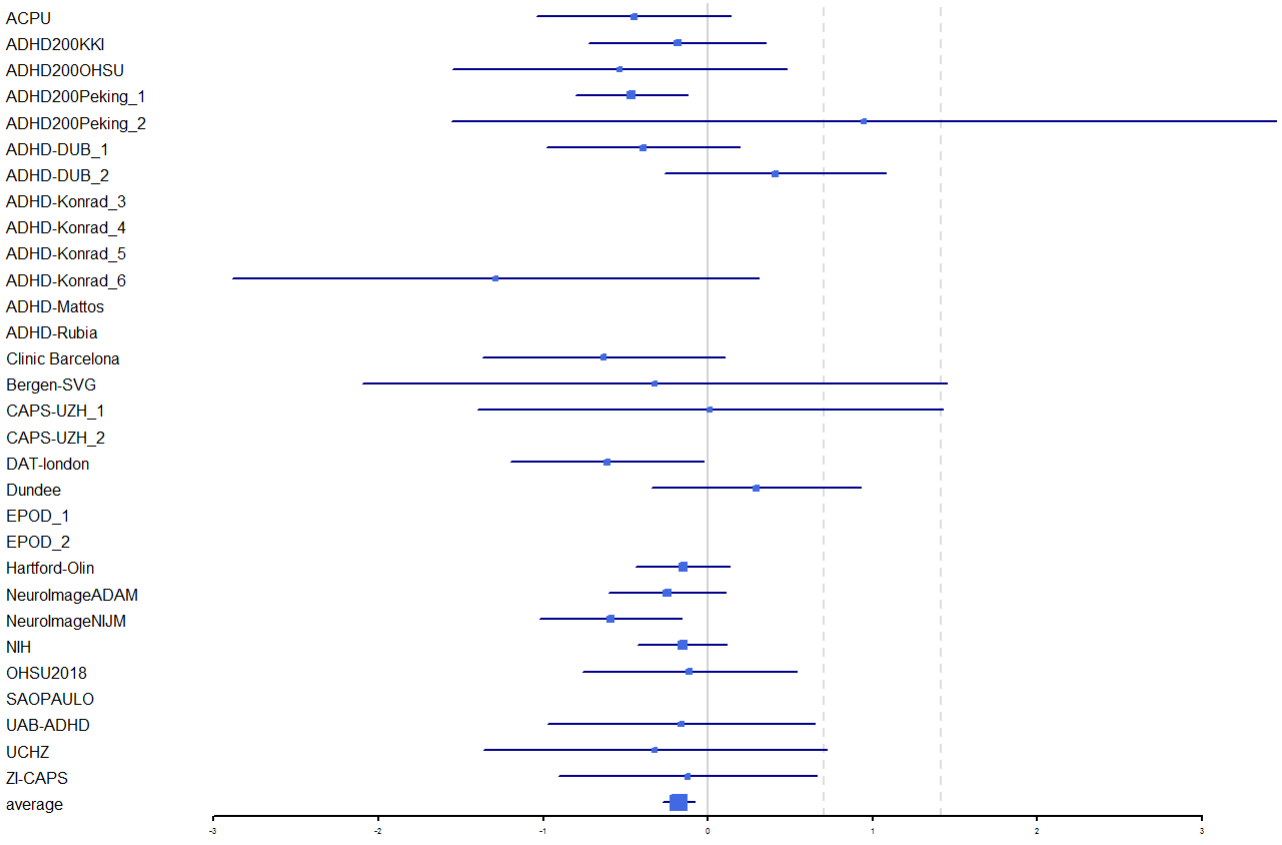


[Adolescents]

Full Surface Area OCD vs HC. (I2= 23.51)

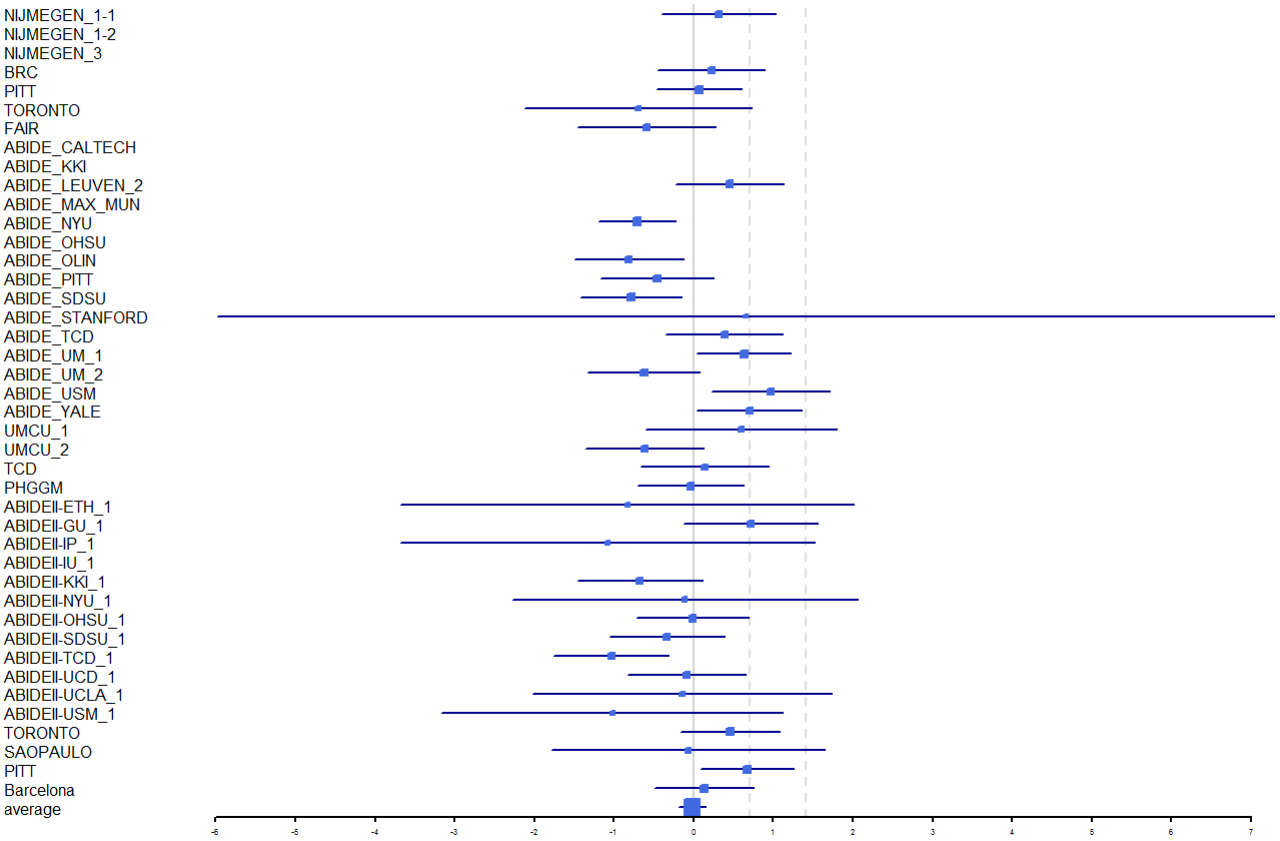


Full Surface Area ADHD vs HC. (I2= 17.92)

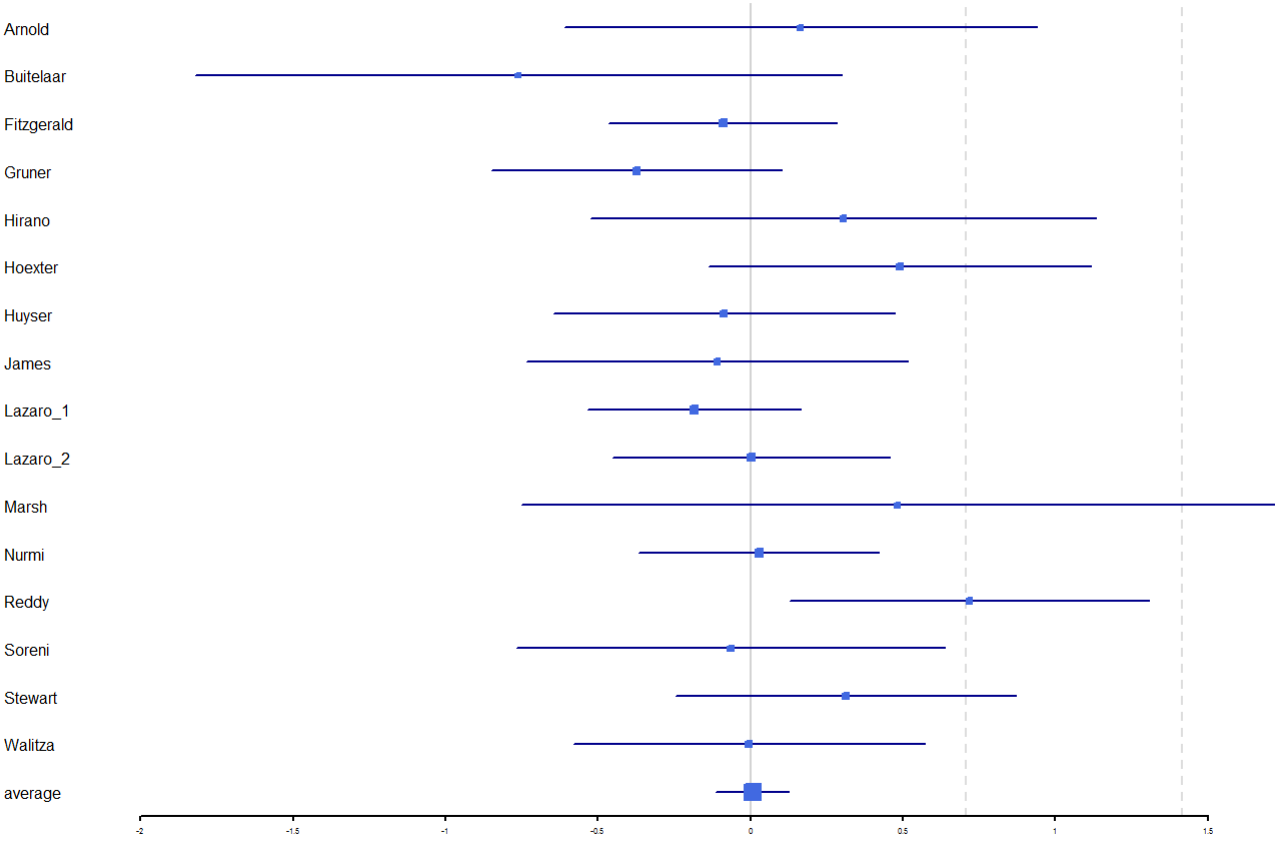


[Adolescents]

Full Surface Area ASD vs HC. (I2= 73.19)

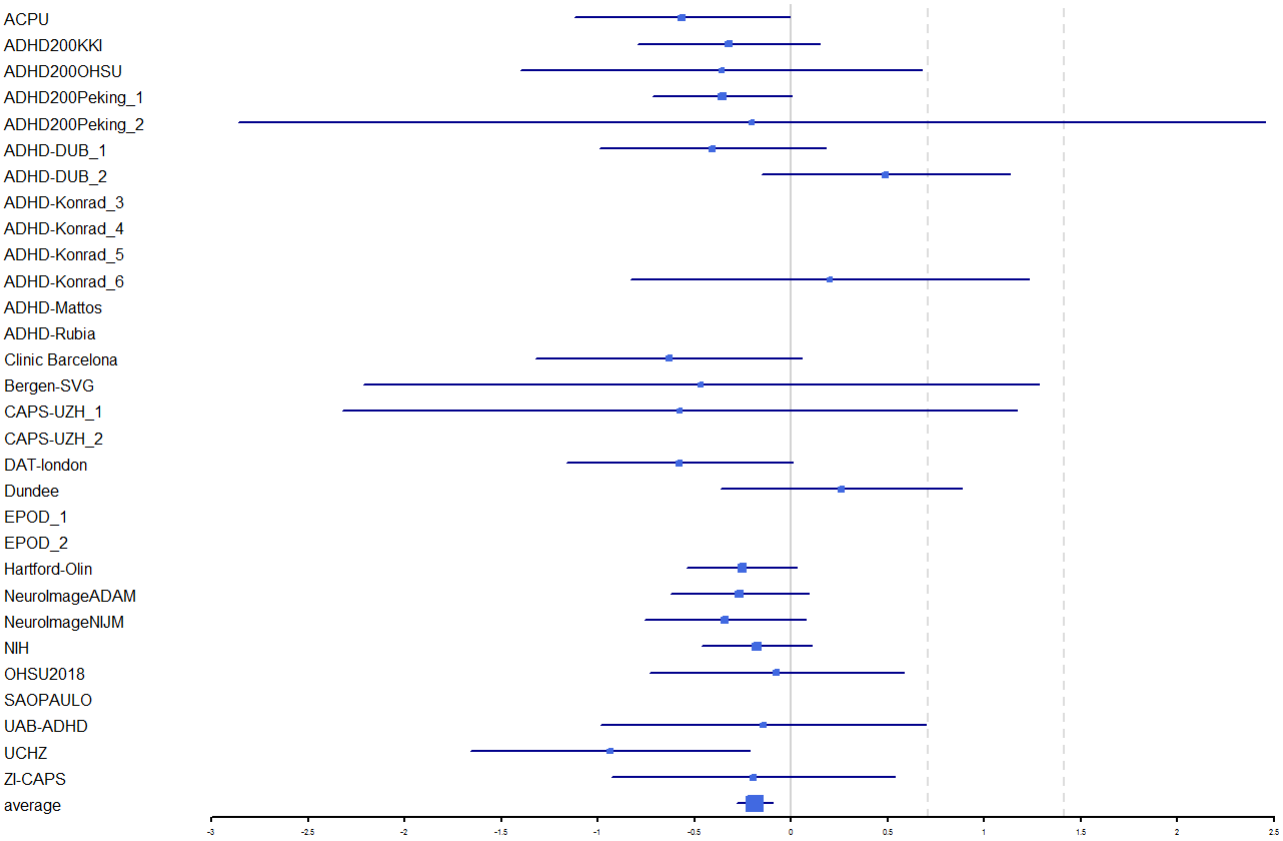


Intracranial Volume OCD vs HC. (I2= 16.4)

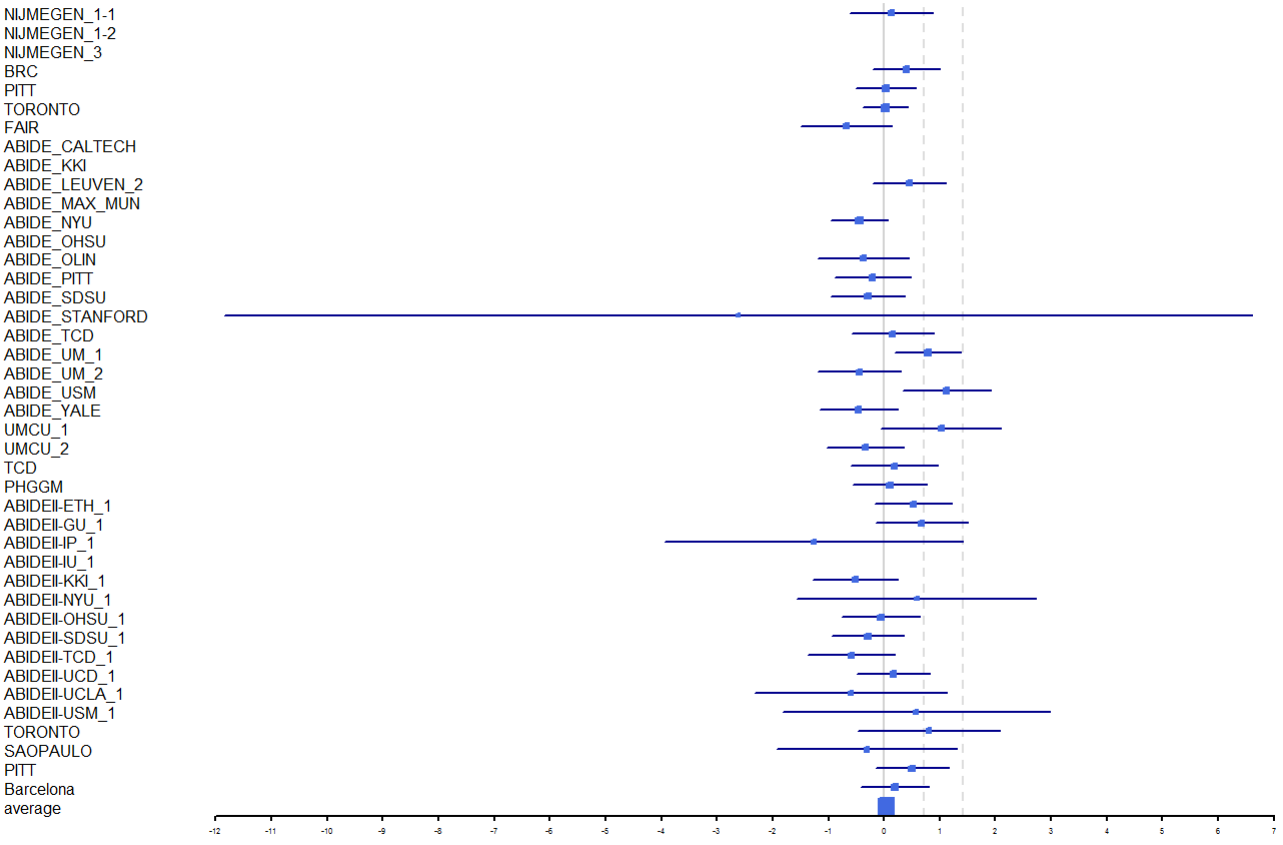


[Adolescents]

Intracranial Volume ADHD vs HC. (I2= 17.11)



Intracranial Volume ASD vs HC. (I2= 49.34)



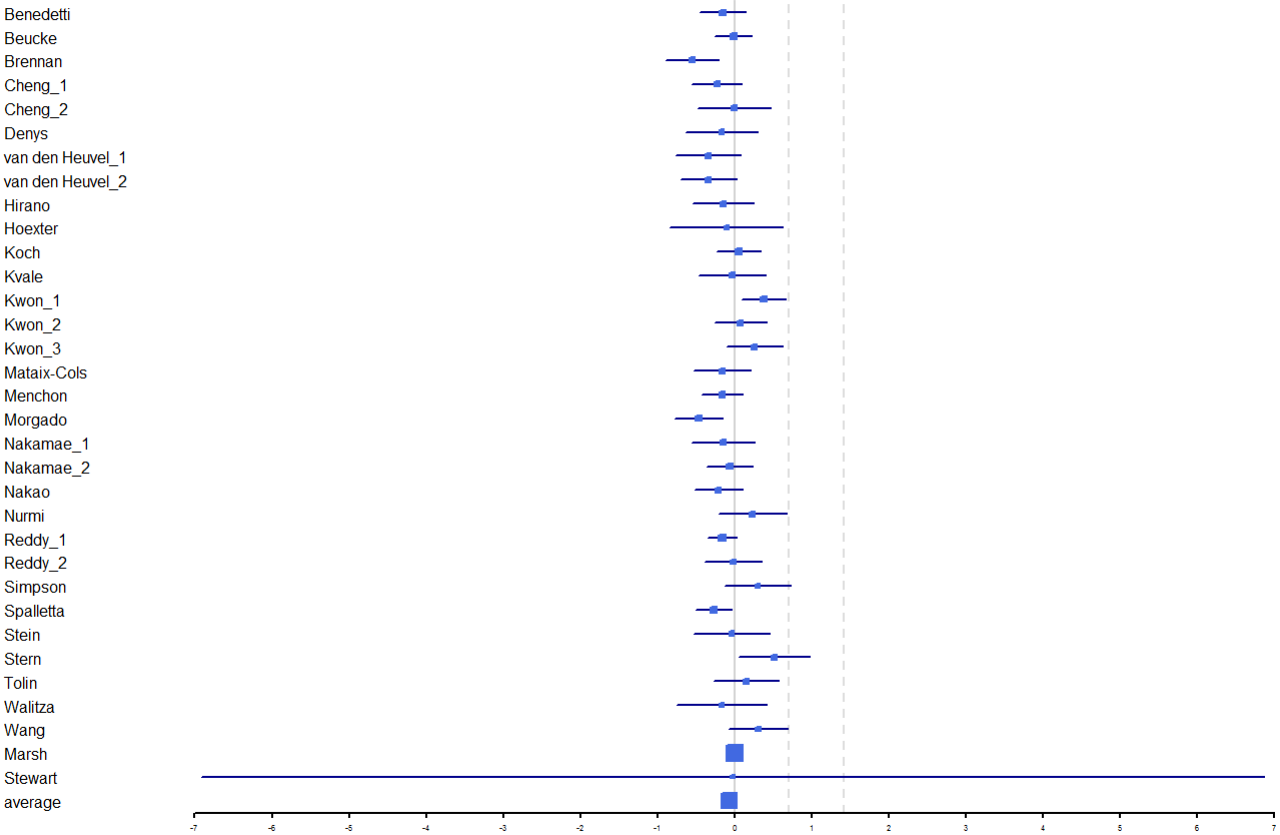
Crossdisorder: forestplots

Forest plots Adults

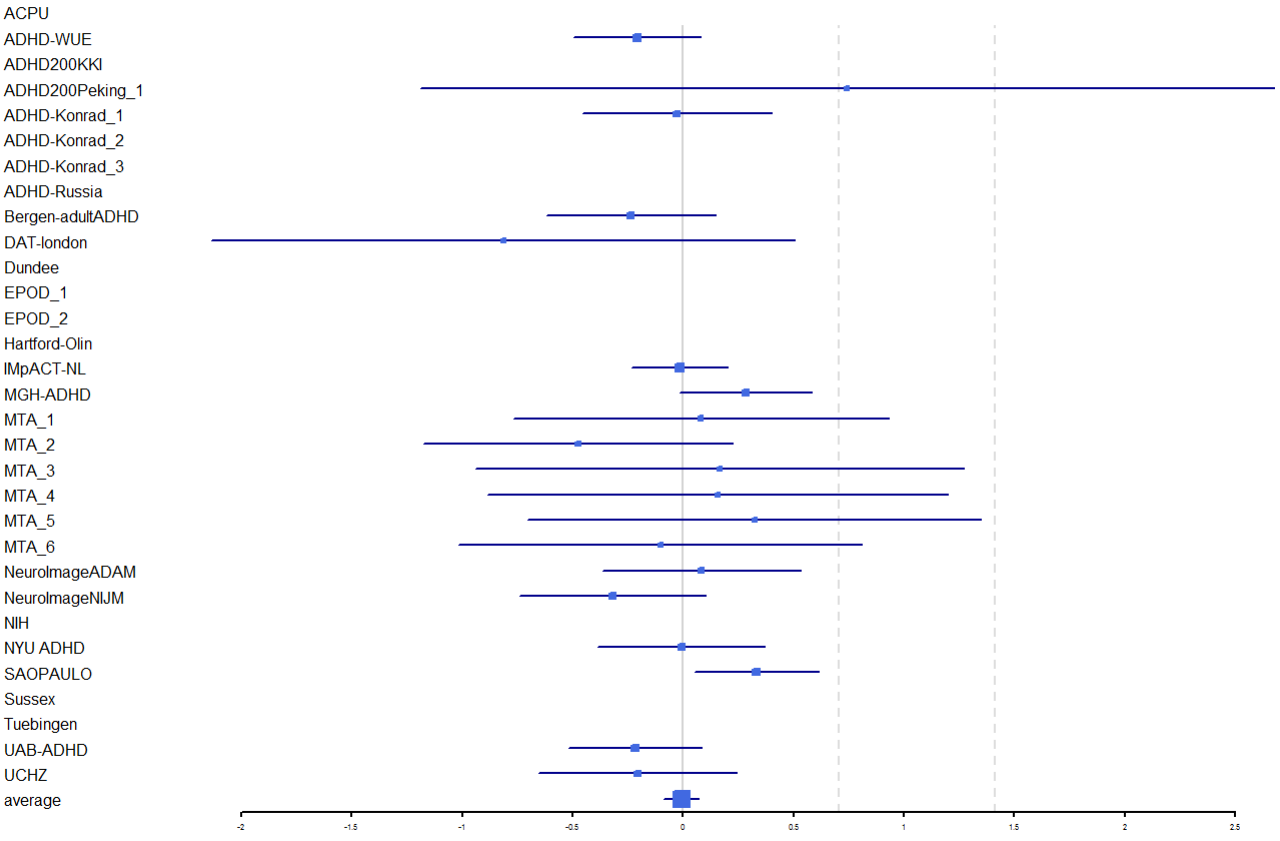
Forest plots are generated by running the standard regression model of each z-scored MRI feature x (y ~ x + Age + Sex) again, for each site indepentently. Output are effect sizes and 95% confidence interval per feature.

[Adults]

Mean Thalamus OCD vs HC. (I2= 54.16)

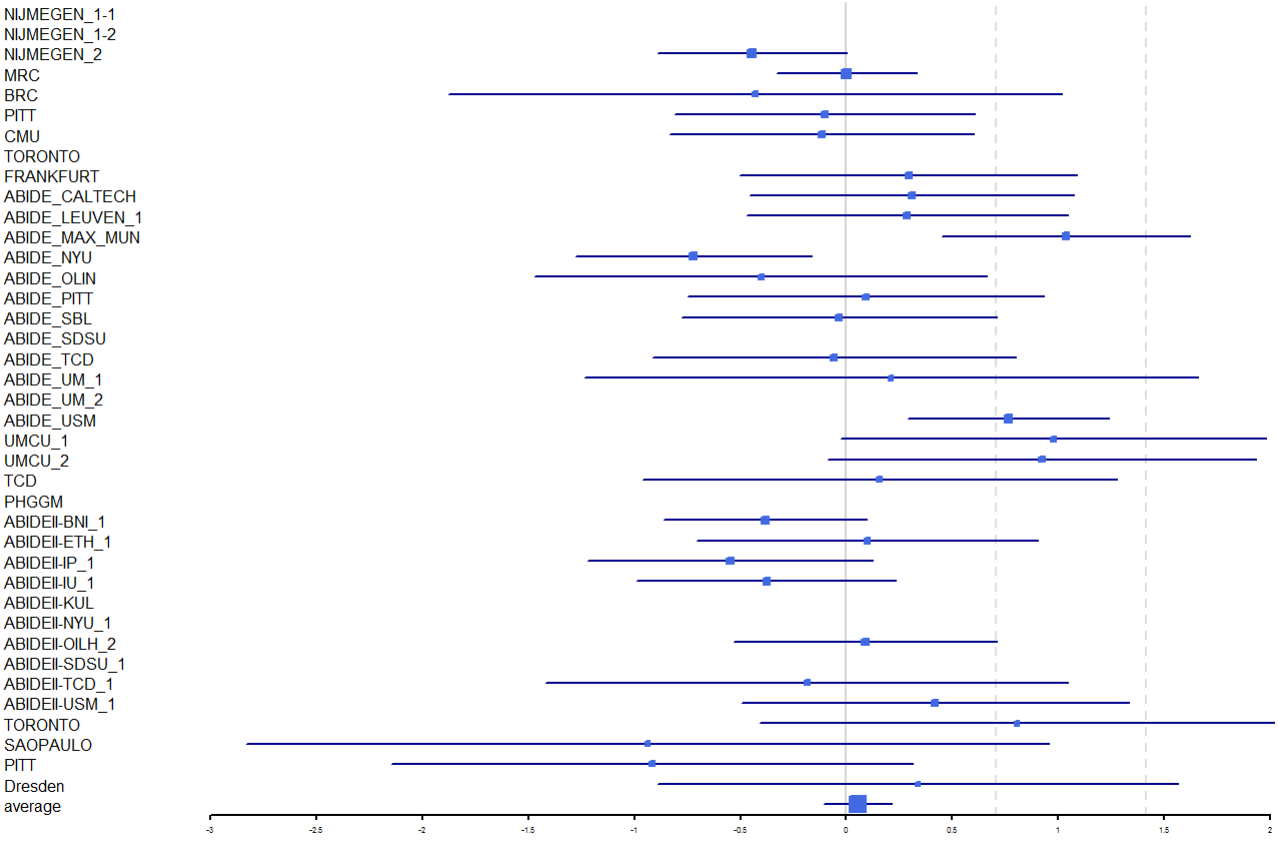


Mean Thalamus ADHD vs HC. (I2= 21.66)

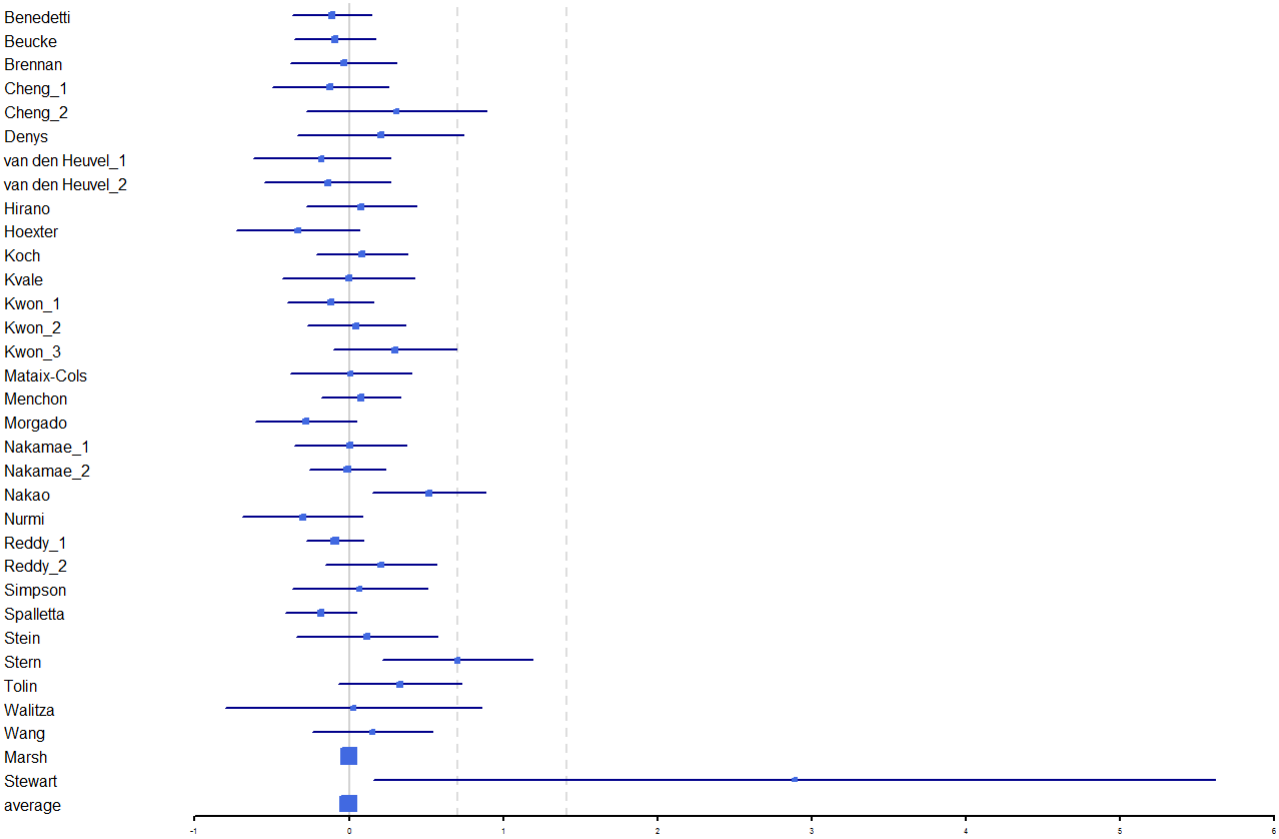


[Adults]

Mean Thalamus ASD vs HC. (I2= 54.55)

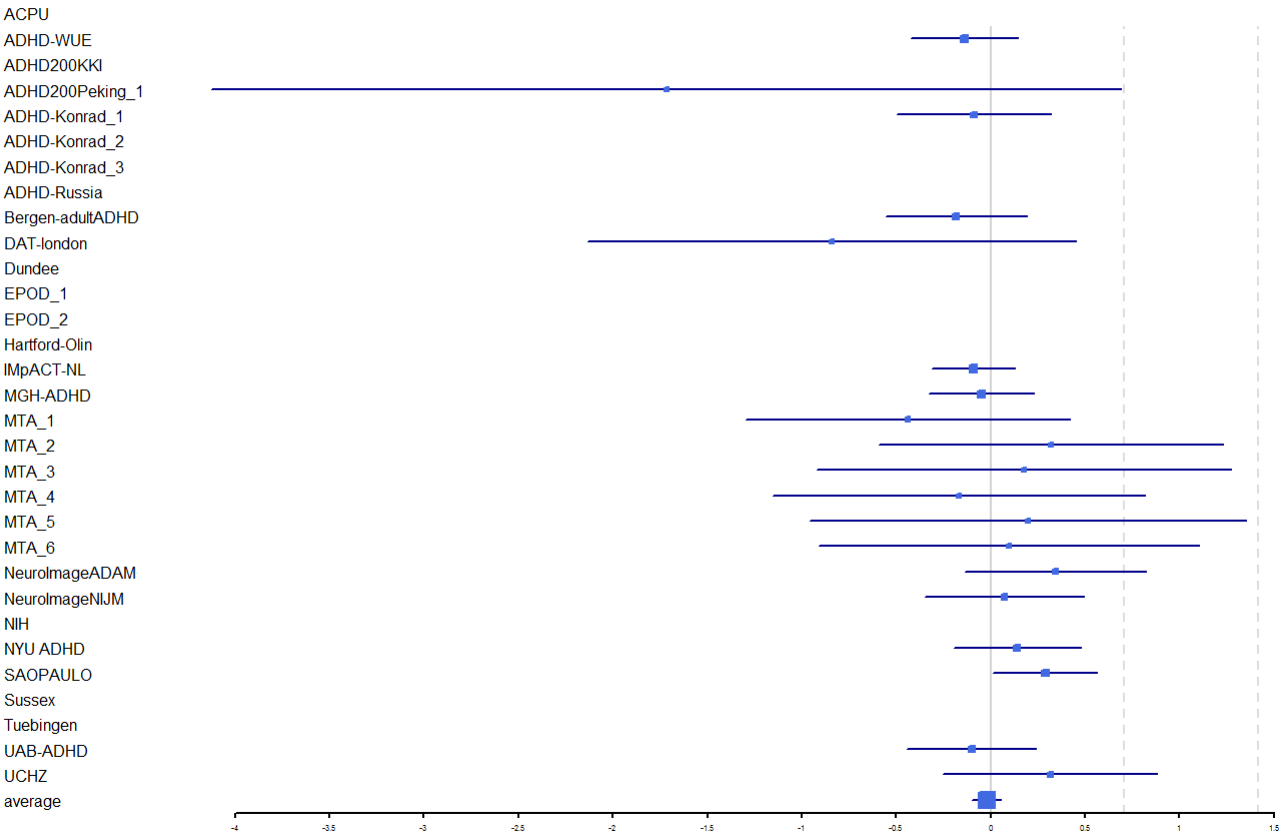


Mean Putamen OCD vs HC. (I2= 44.12)

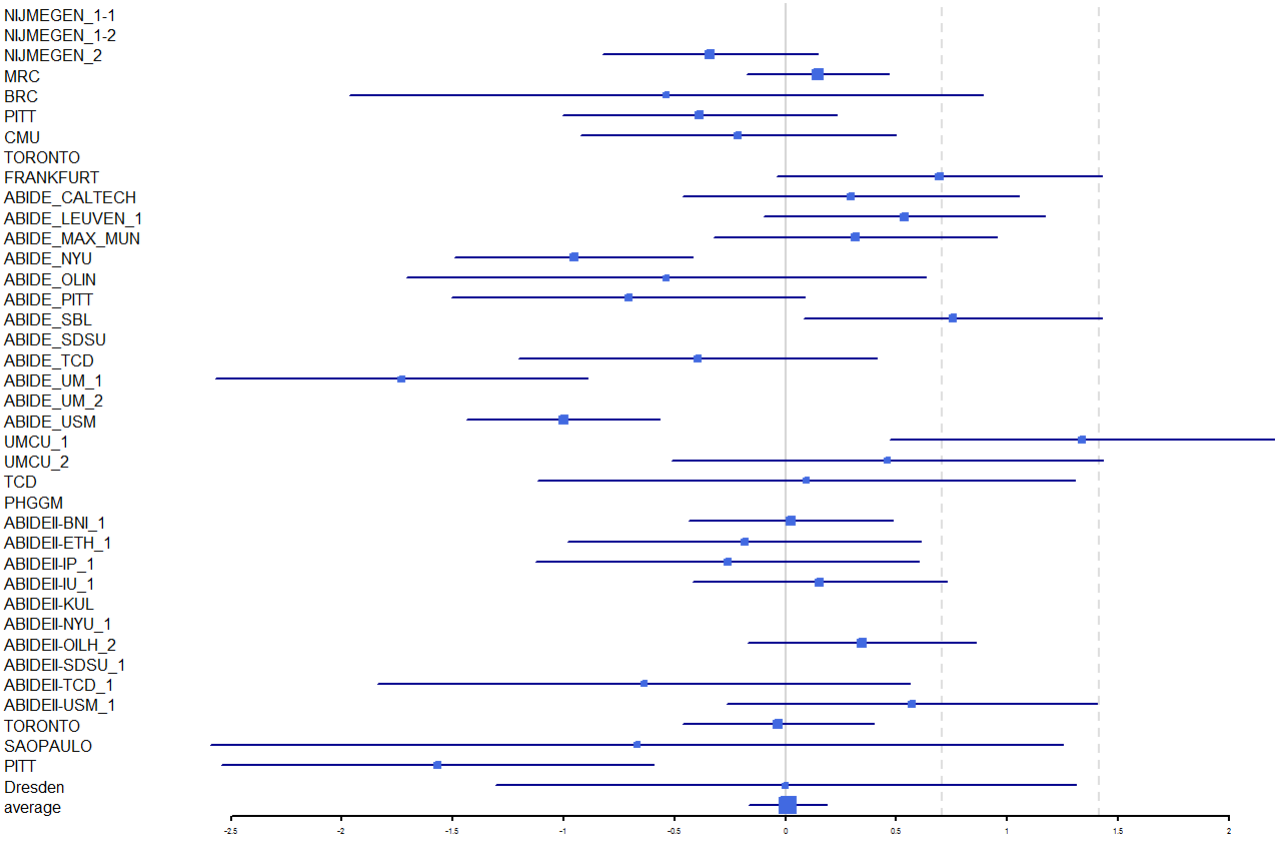


[Adults]

Mean Putamen ADHD vs HC. (I2= 16.73)

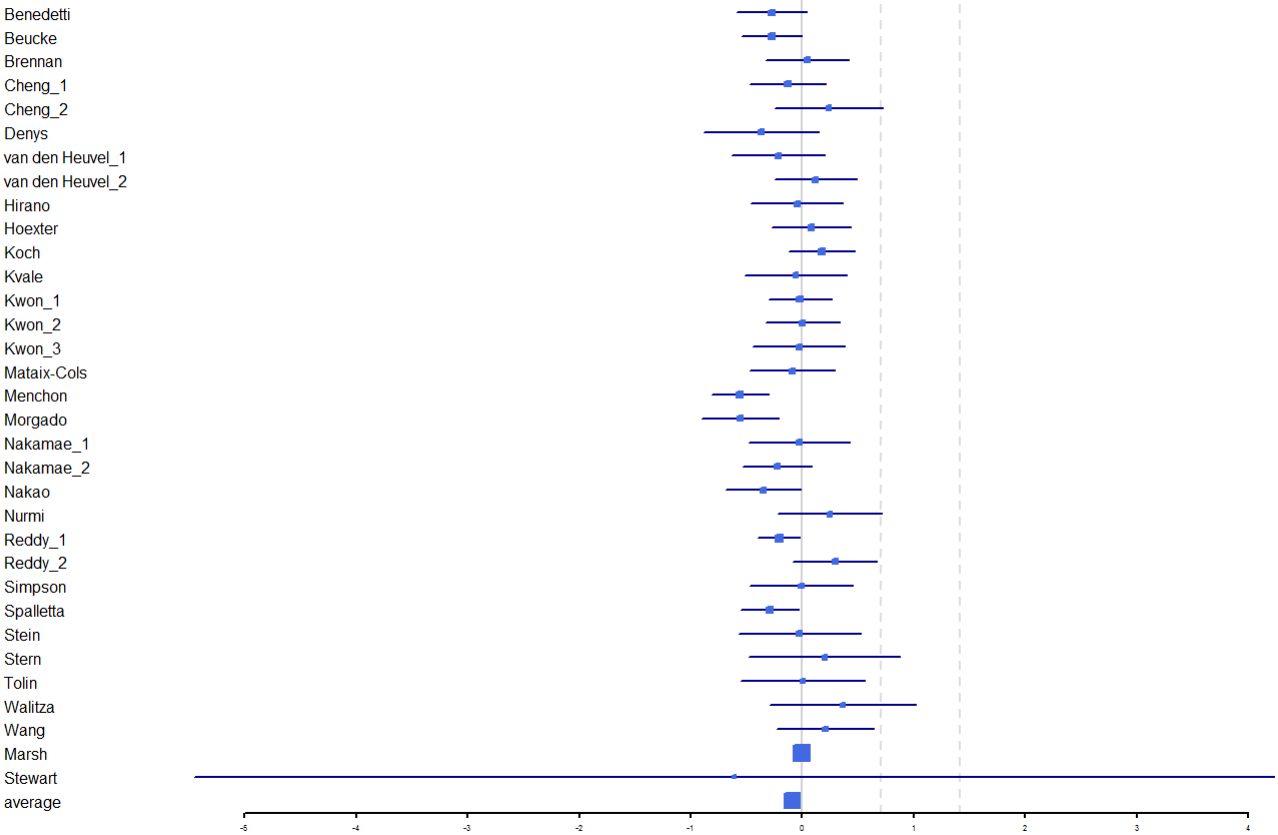


Mean Putamen ASD vs HC. (I2= 94.14)

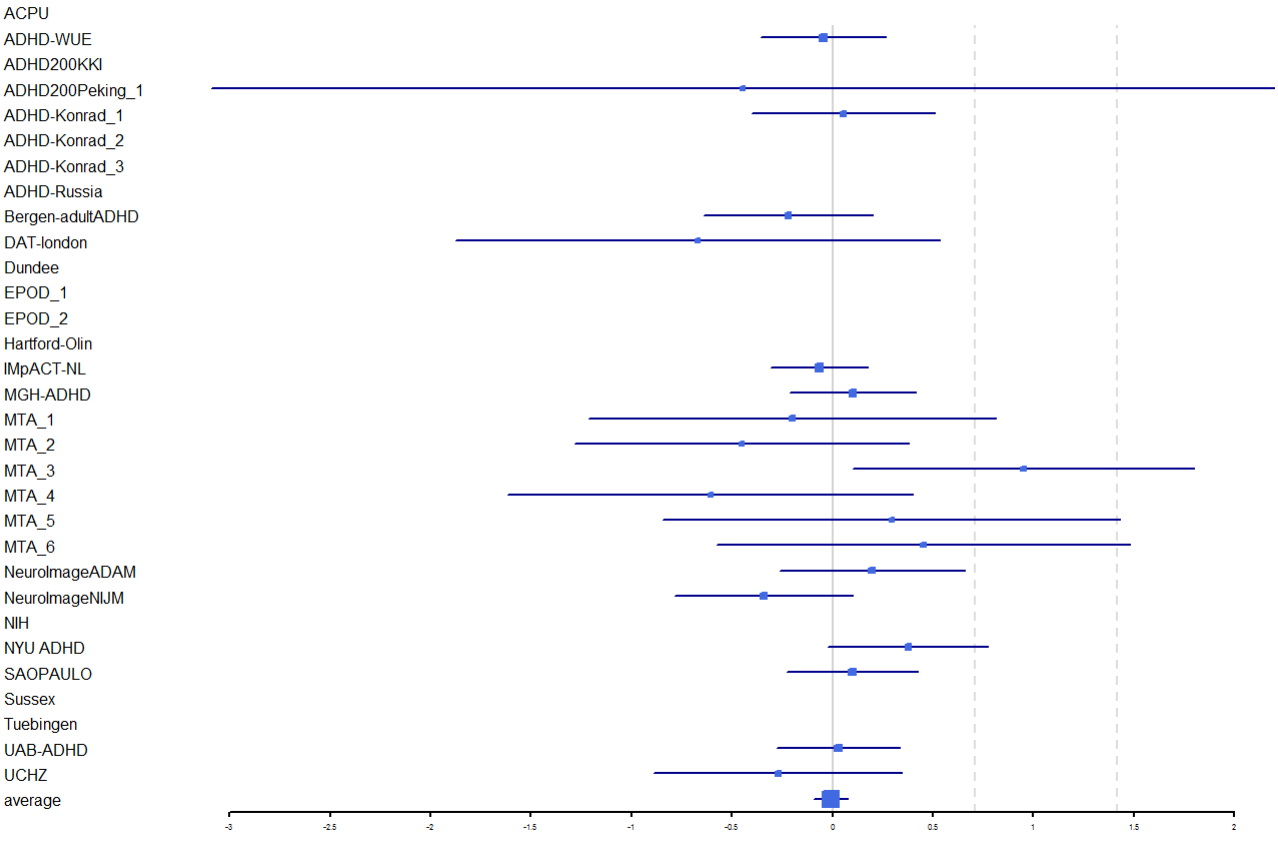


[Adults]

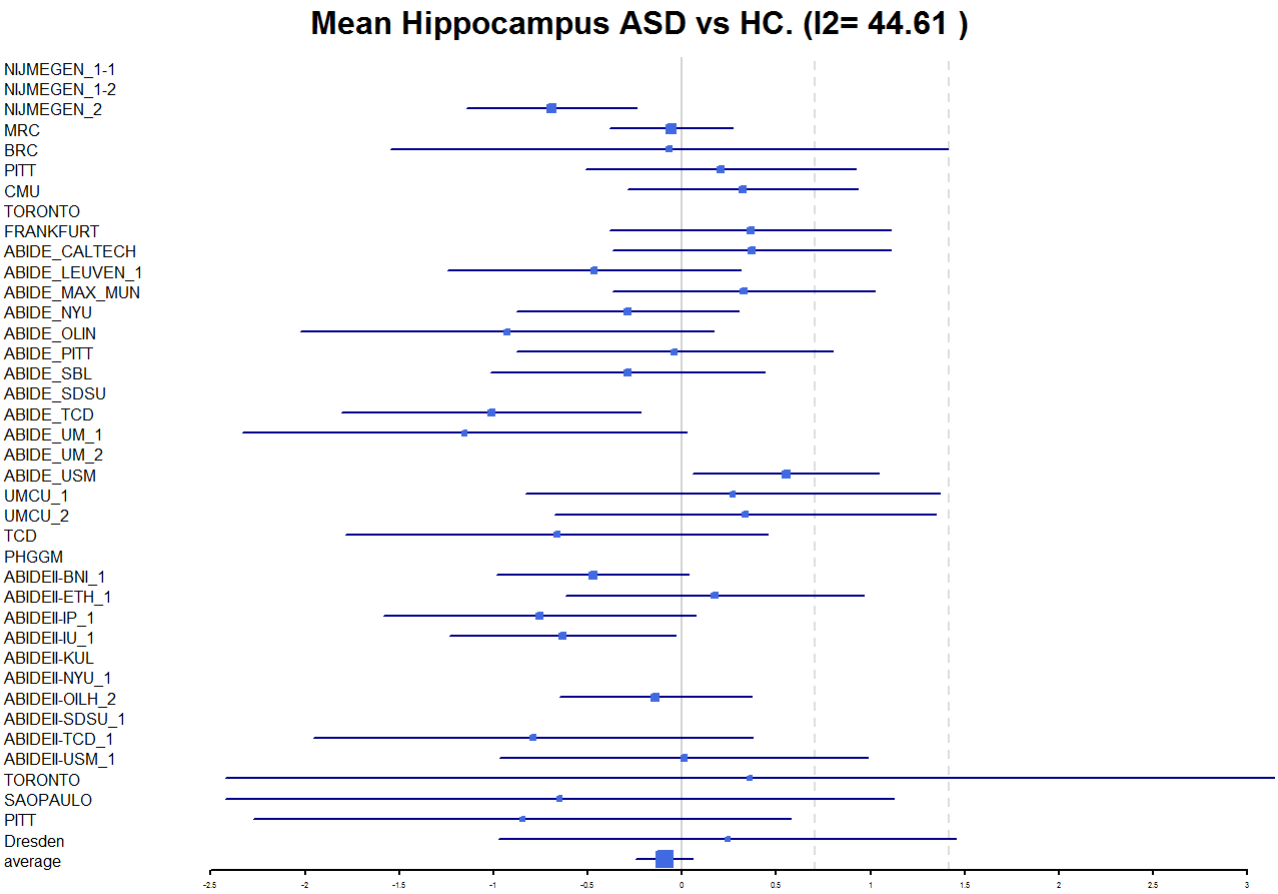
Mean Hippocampus OCD vs HC. (I2= 49.1)

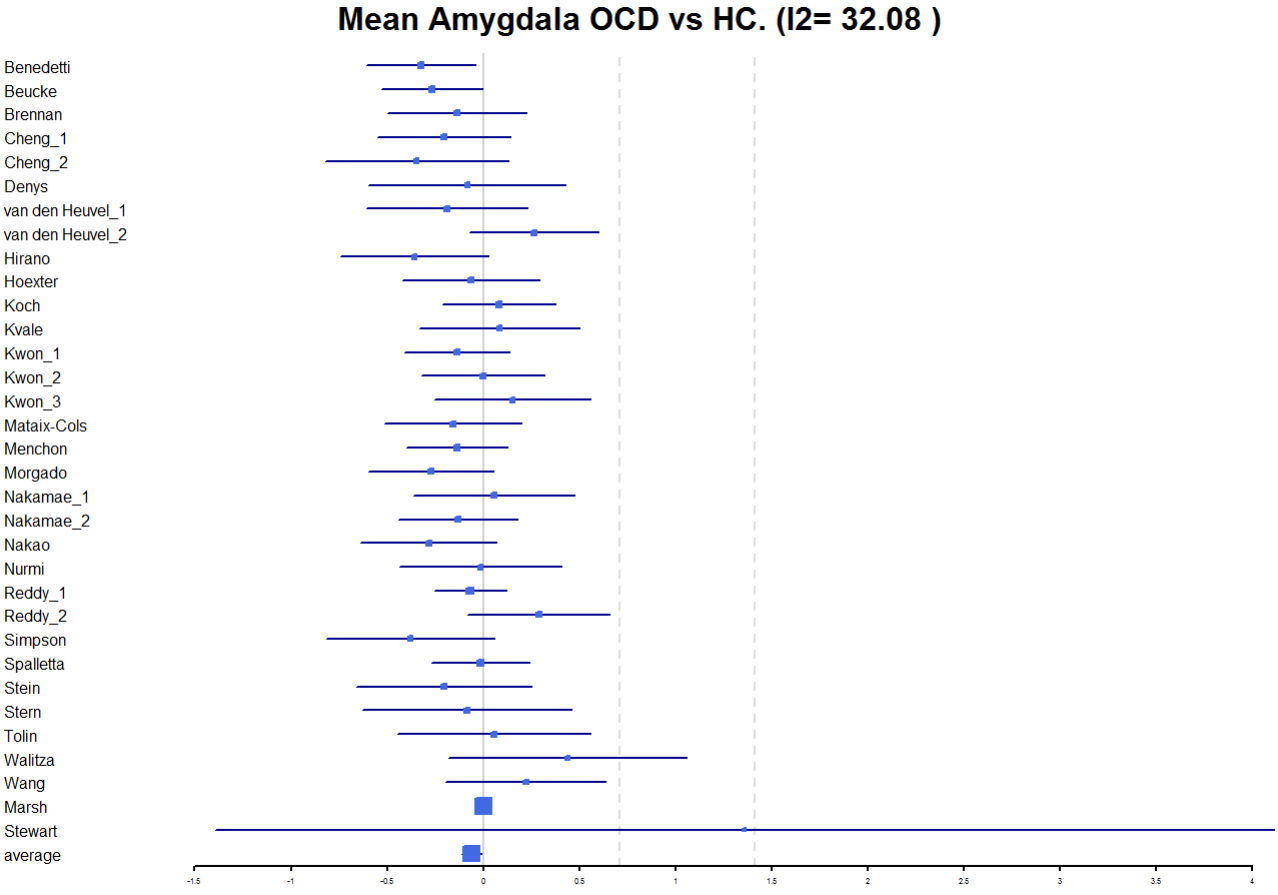


Mean Hippocampus ADHD vs HC. (I2= 19.22)



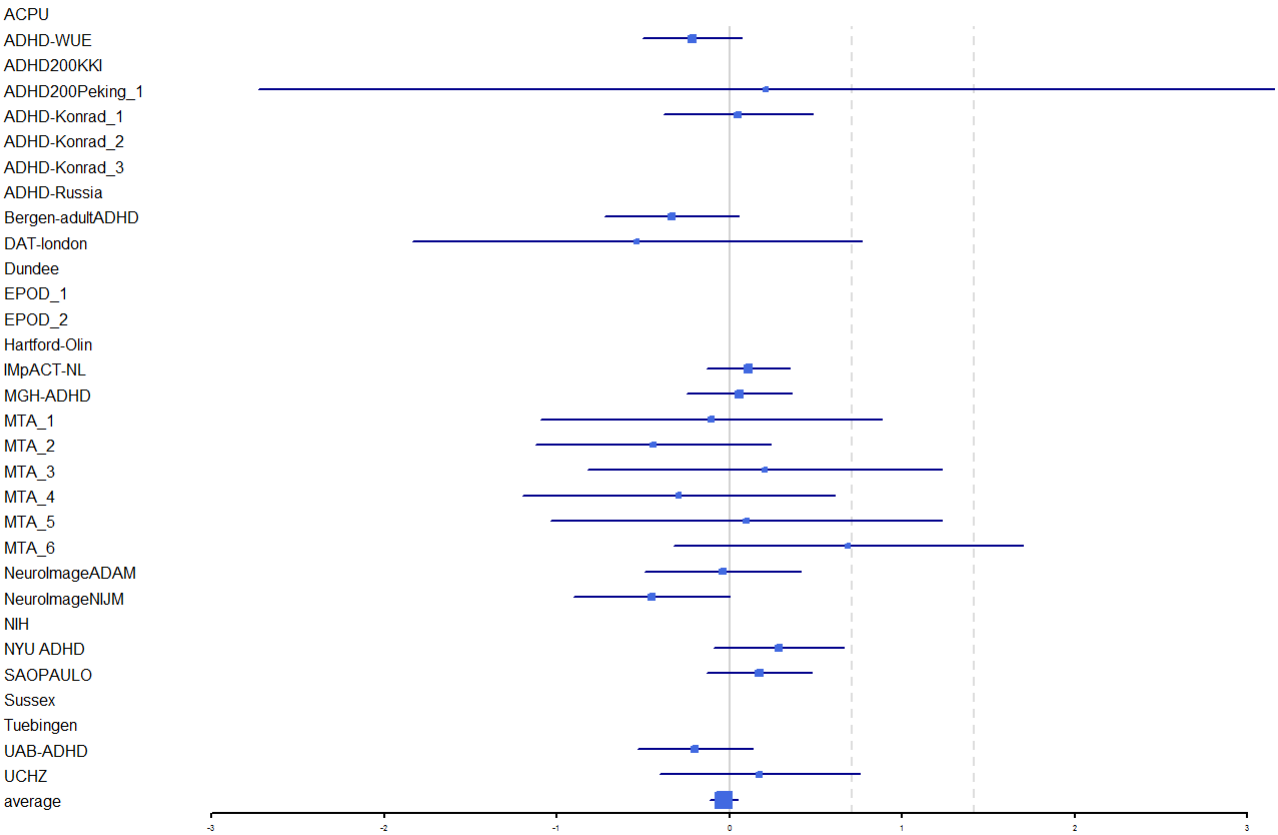
[Adults]


Mean Hippocampus ASD vs HC. (I2= 44.61)
NIJMEGEN_1-1
NIJMEGEN_1-2
NIJMEGEN_2
MRC
BRC
PITT
CMU
TORONTO
FRANKFURT
ABIDE_CALTECH
ABIDE_LEUVEN_1
ABIDE_MAX_MUN
ABIDE_NYU
ABIDE_OLIN
ABIDE_PITT
ABIDE_SBL
ABIDE_SDSU
ABIDE_TCD
ABIDE_UM_1
ABIDE_UM_2
ABIDE_USM
UMCU_1
UMCU_2
TCD
PHGGM
ABIDEII-BNI_1
ABIDEII-ETH_1
ABIDEII-IP_1
ABIDEII-IU_1
ABIDEII-KUL
ABIDEII-NYU_1
ABIDEII-OILH_2
ABIDEII-SDSU_1
ABIDEII-TCD_1
ABIDEII-USM_1
TORONTO
SAOPAULO
PITT
Dresden
average
-2.5
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2
2.5
3

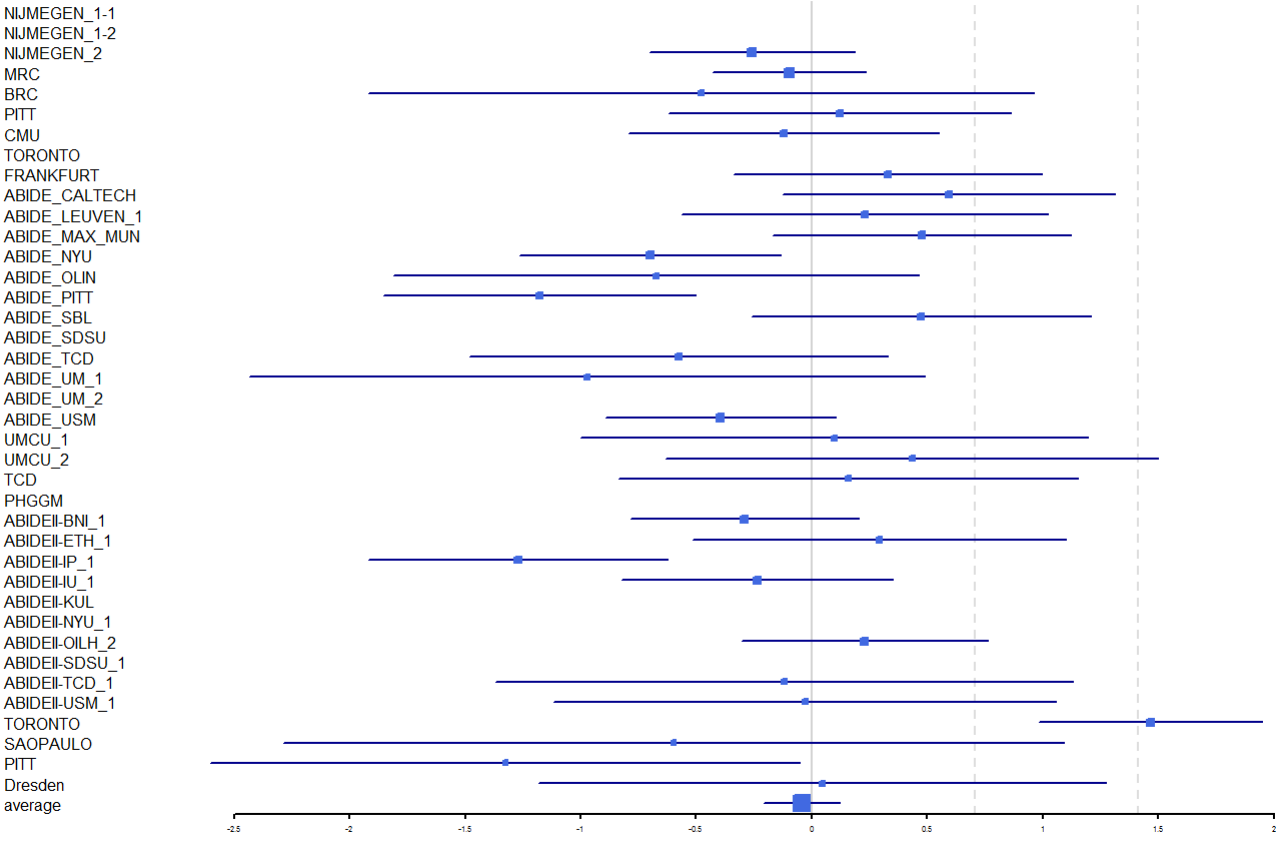

Mean Amygdala OCD vs HC. (I2= 32.08)
Benedetti
Beucke
Brennan
Cheng_1
Cheng_2
Denys
van den Heuvel_1
van den Heuvel_2
Hirano
Hoexter
Koch
Kvale
Kwon_1
Kwon_2
Kwon_3
Mataix-Cols
Menchon
Morgado
Nakamae_1
Nakamae_2
Nakao
Nurmi
Reddy_1
Reddy_2
Simpson
Spalletta
Stein
Stern
Tolin
Walitza
Wang
Marsh
Stewart
average
-1.5
-1
-0.5
0
0.5
1
1.5
2
2.5
3
3.5
4

[Adults]

Mean Amygdala ADHD vs HC. (I2= 19.46)

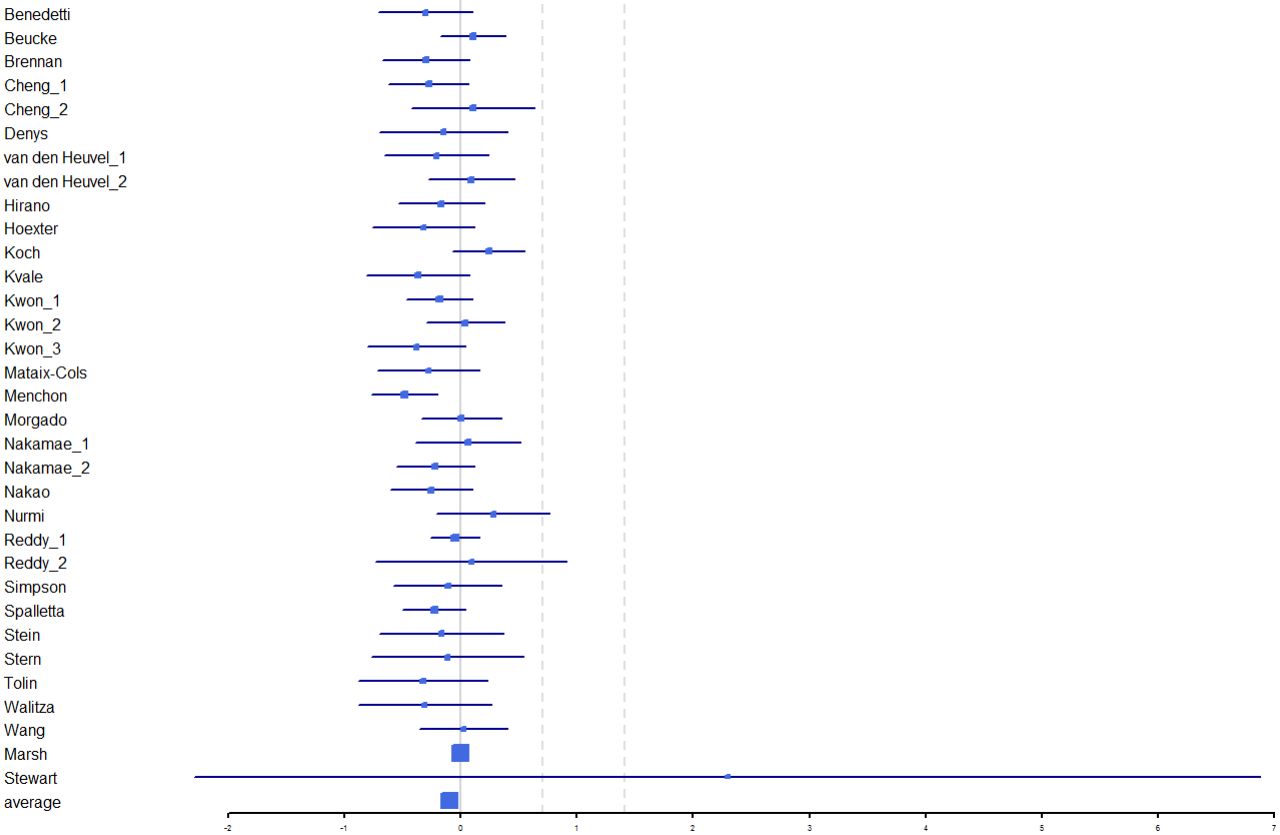


Mean Amygdala ASD vs HC. (I2= 92.54)

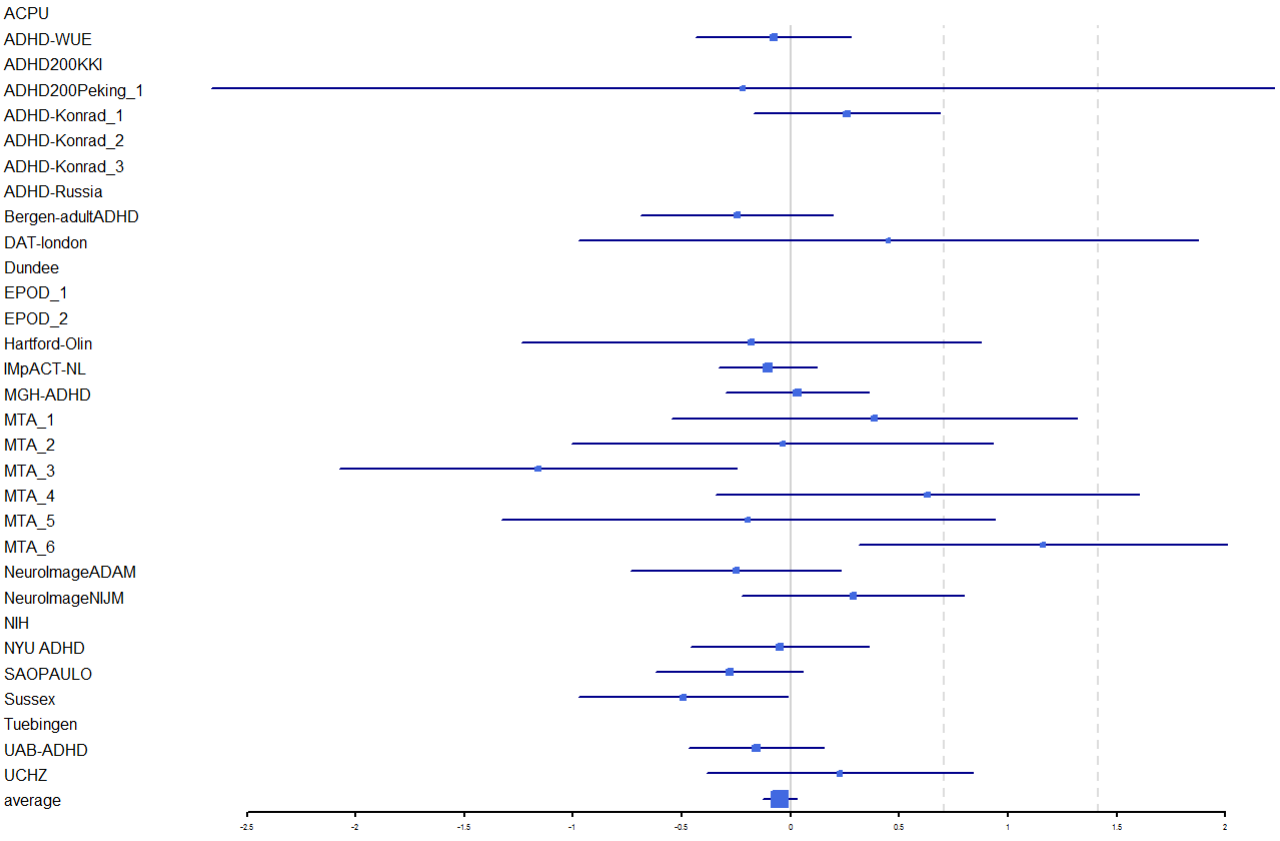


[Adults]

Mean Thickness Orbitofrontal OCD vs HC. (I2= 32.02)

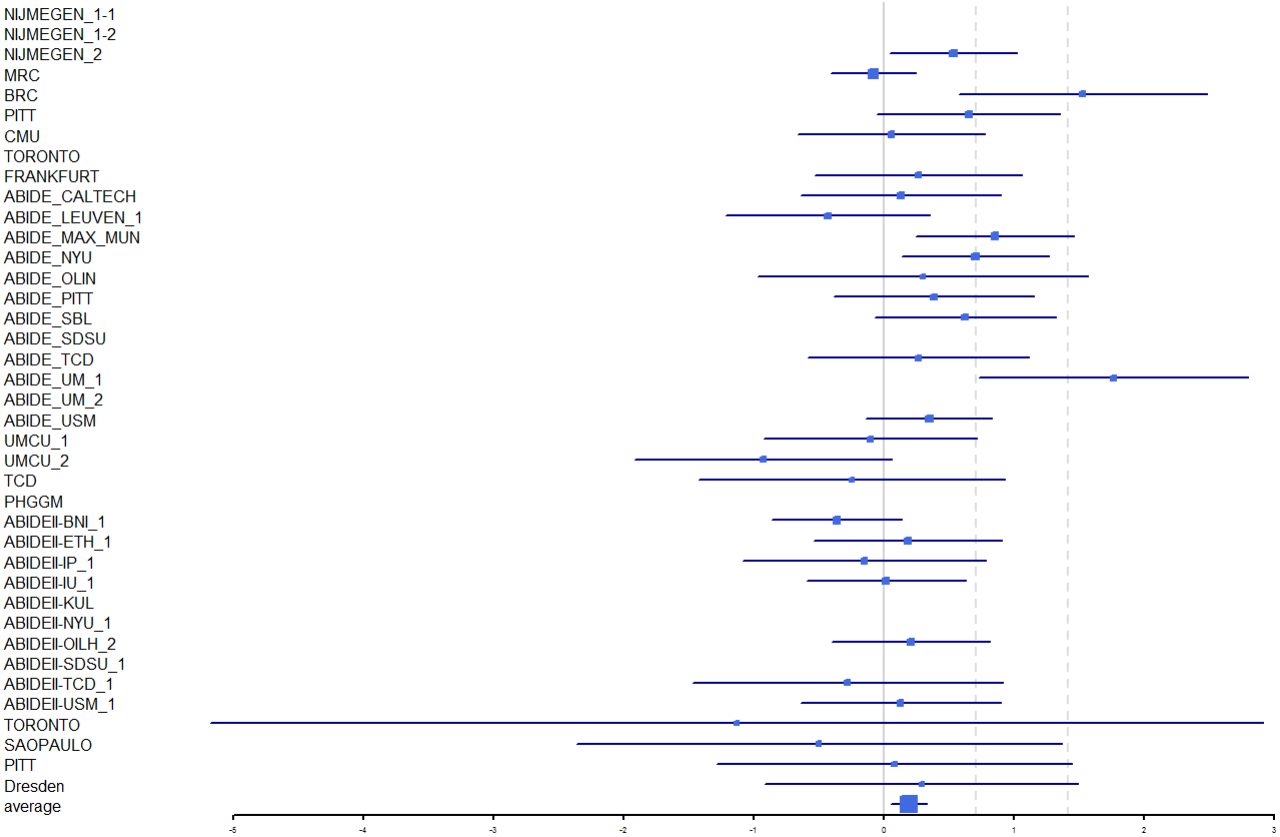


Mean Thickness Orbitofrontal ADHD vs HC. (I2= 28.59)

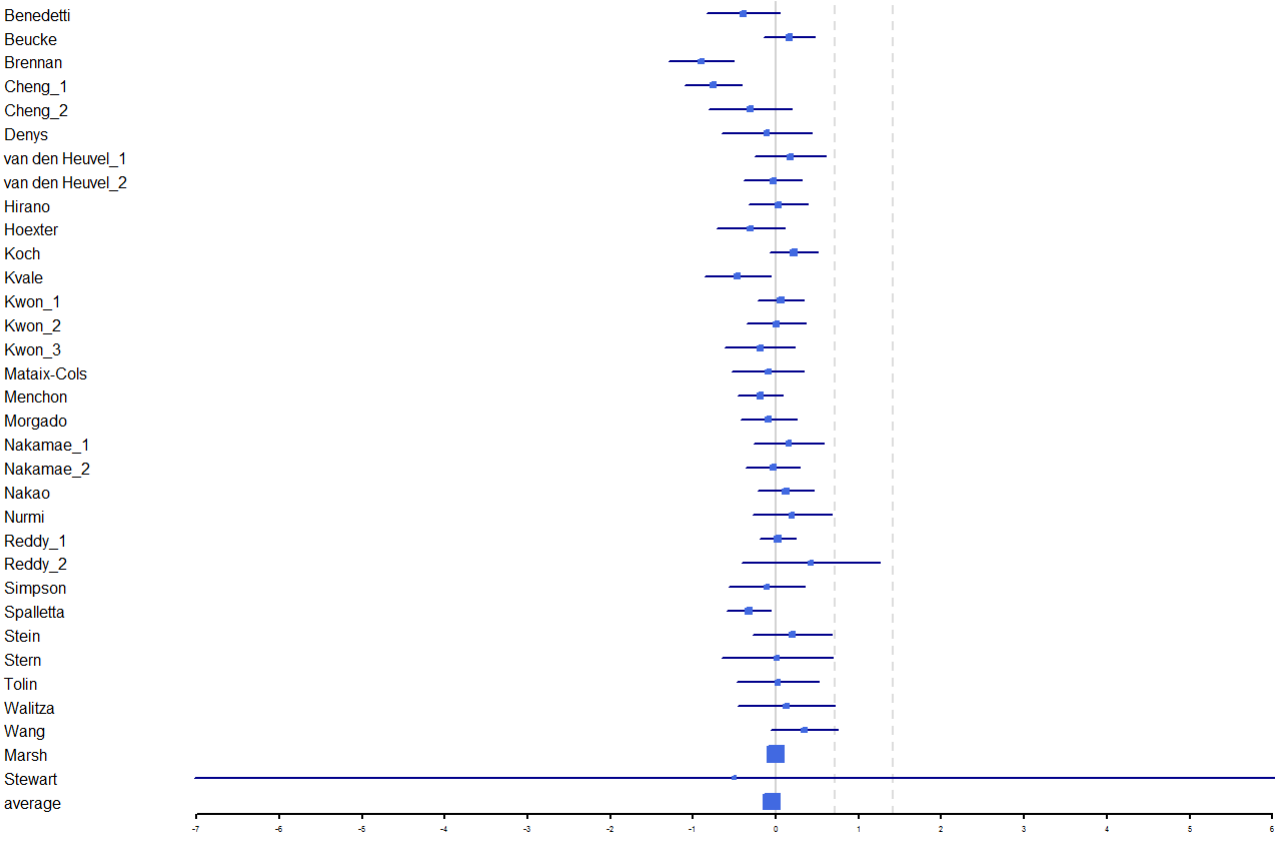


[Adults]

Mean Thickness Orbitofrontal ASD vs HC. (I2= 48.02)

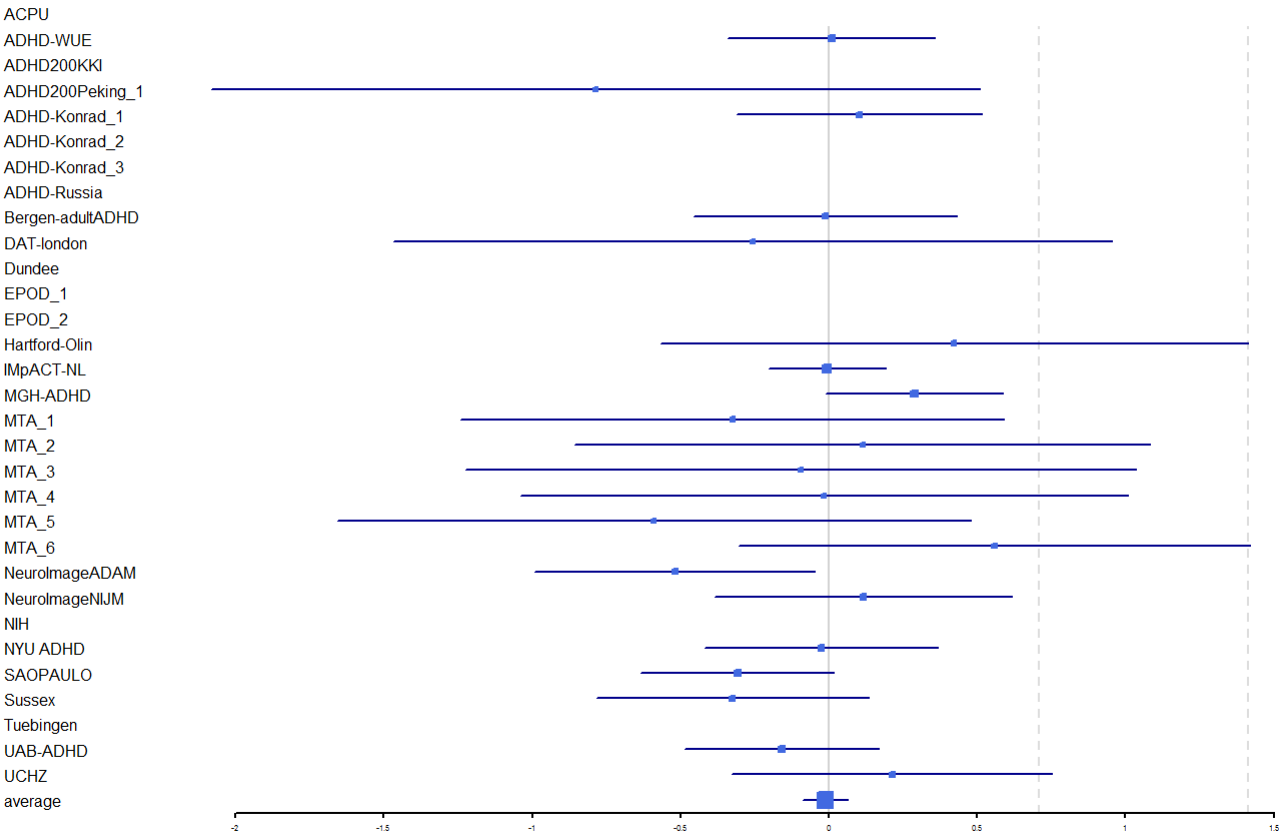


Mean Thickness Pars Triangularis OCD vs HC. (I2= 65.91)

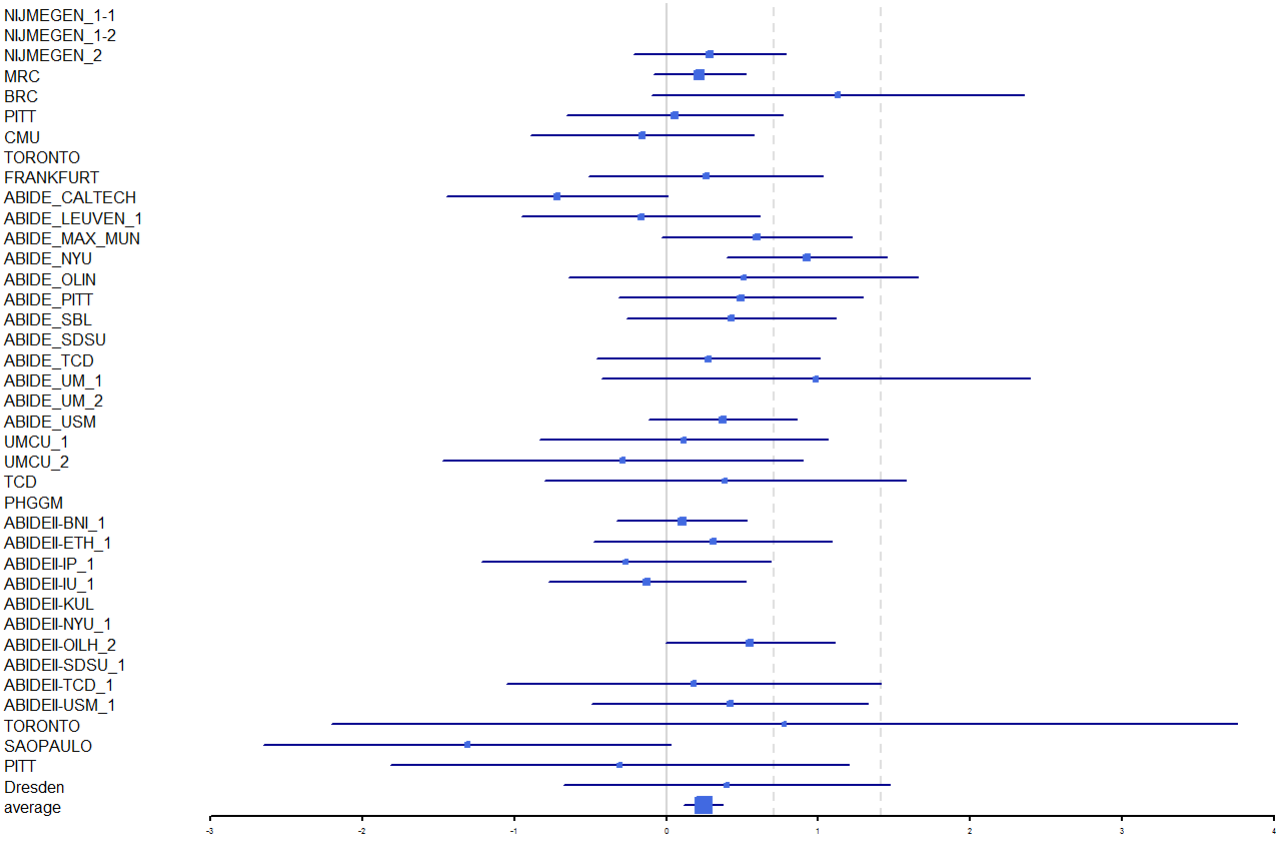


[Adults]

Mean Thickness Pars Triangularis ADHD vs HC. (I2= 20.63)

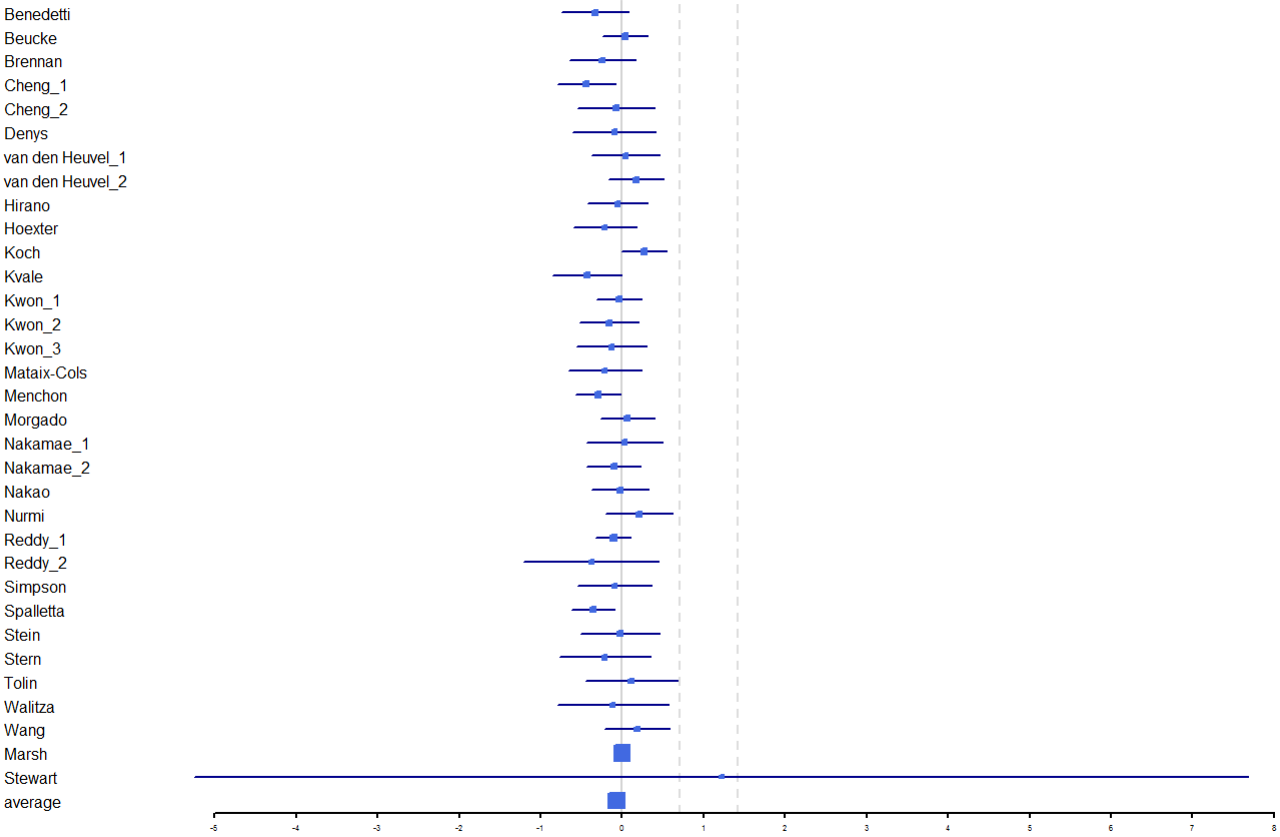


Mean Thickness Pars Triangularis ASD vs HC. (I2= 31.91)

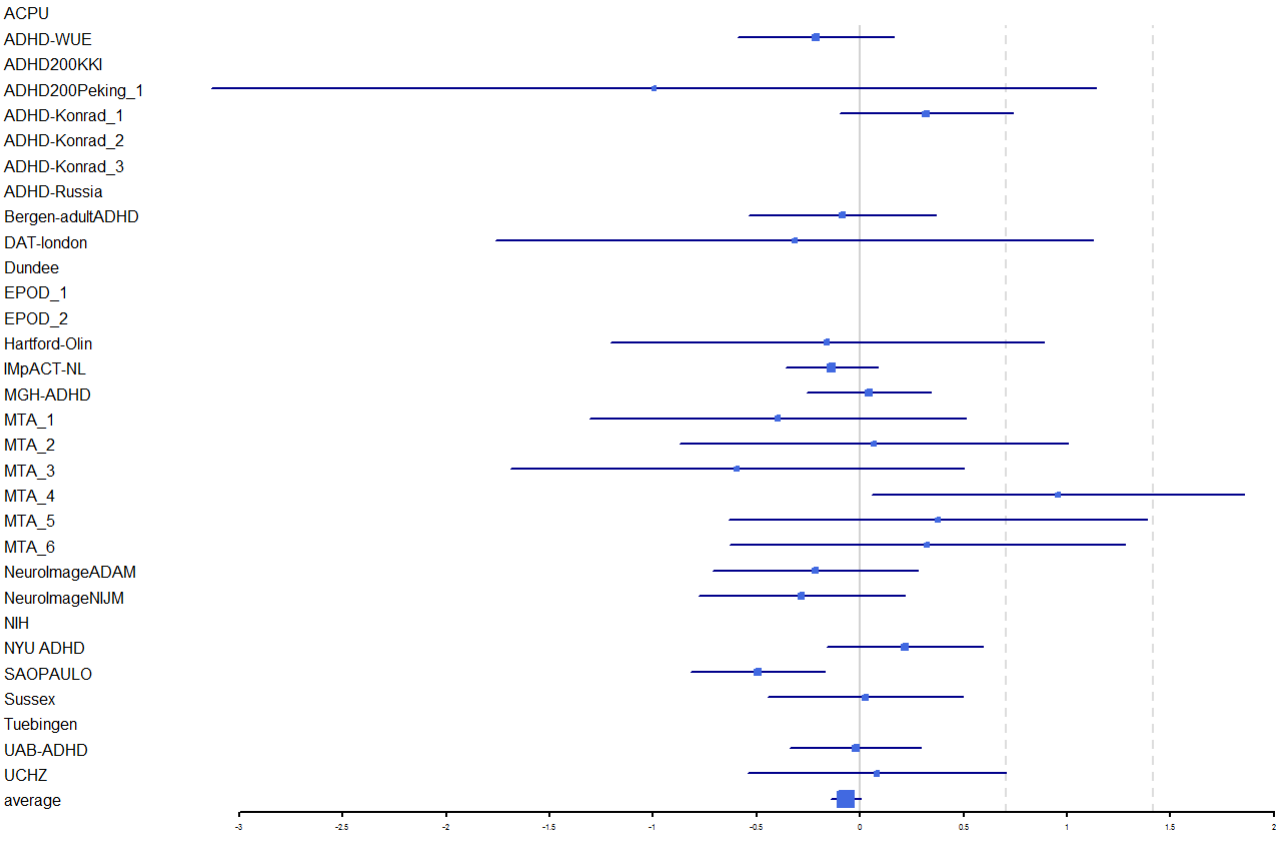


[Adults]

Mean Thickness Poserior Cingulate OCD vs HC. (I2= 31.62)

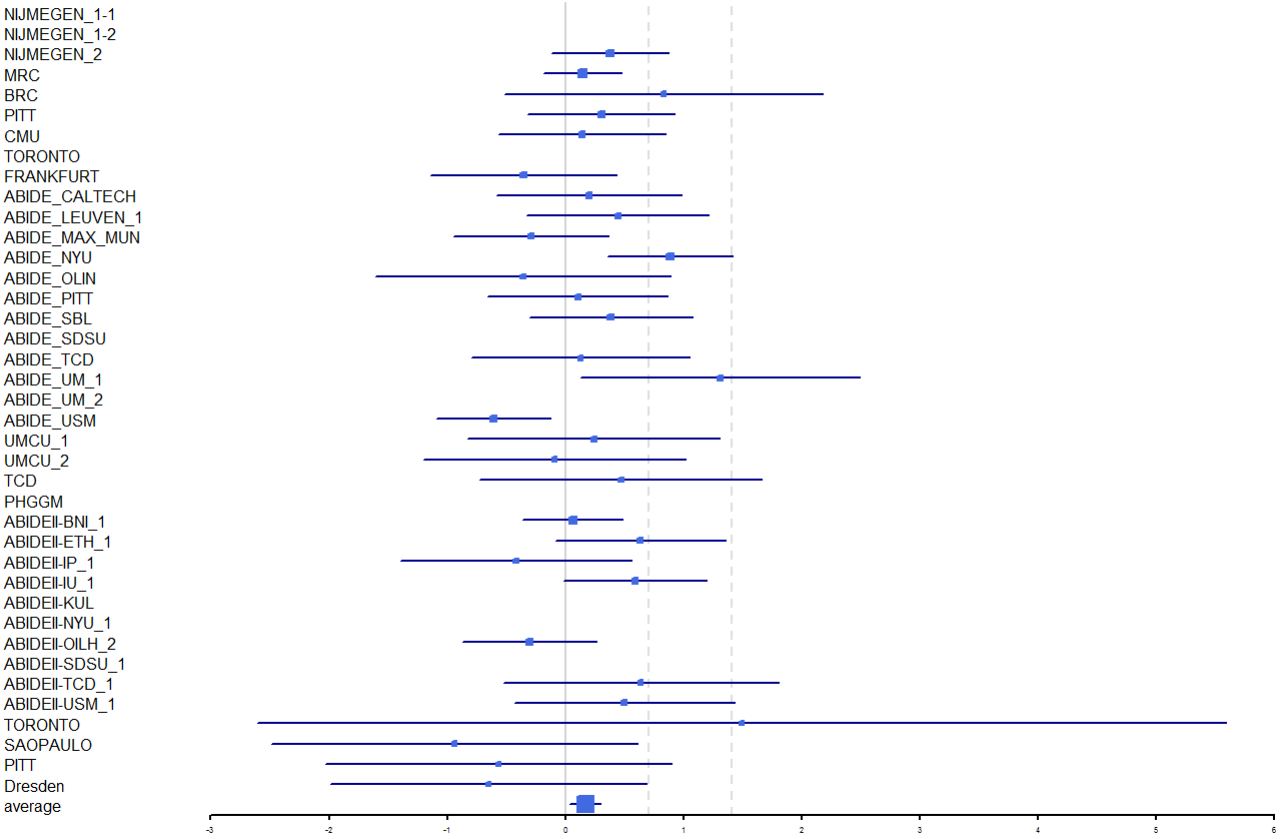


Mean Thickness Poserior Cingulate ADHD vs HC. (I2= 23.72)

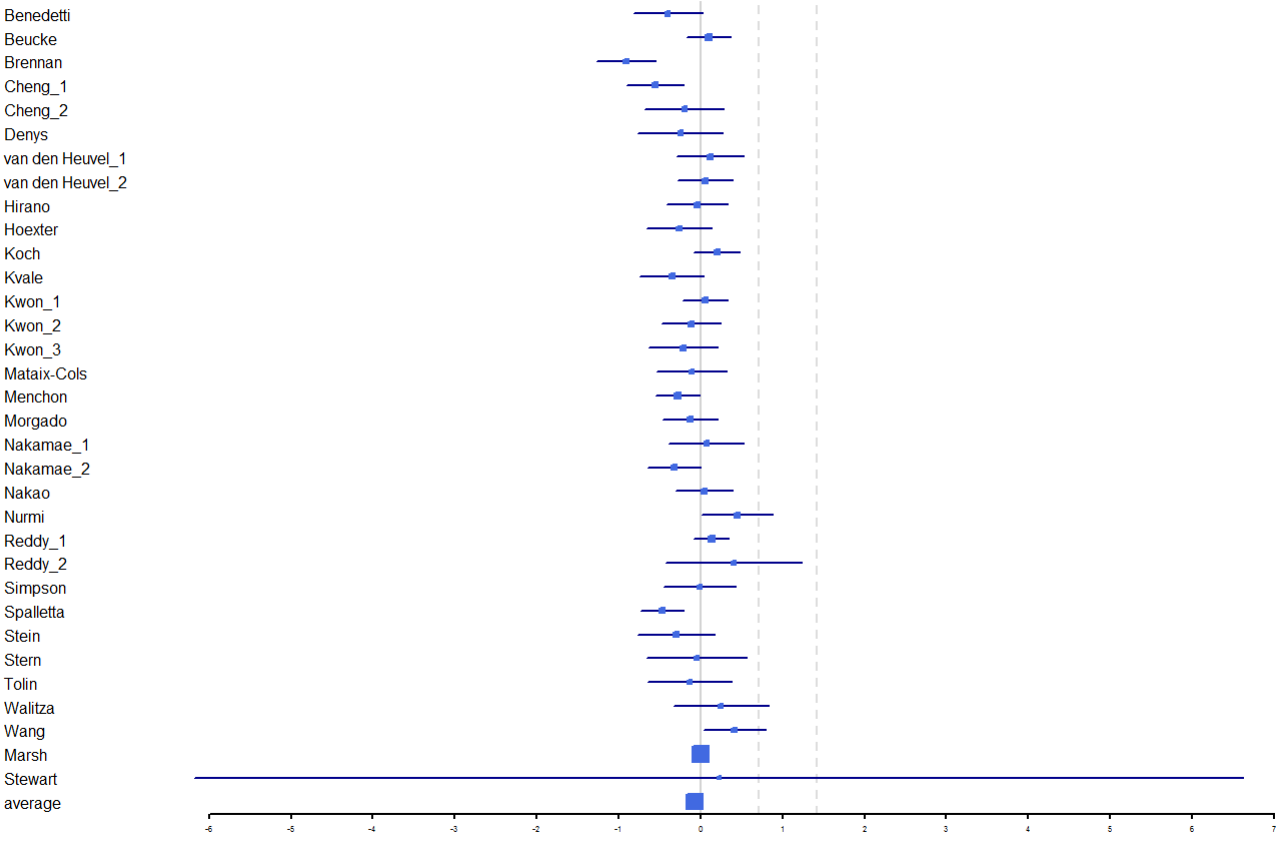


[Adults]

Mean Thickness Poserior Cingulate ASD vs HC. (I2= 41.47)

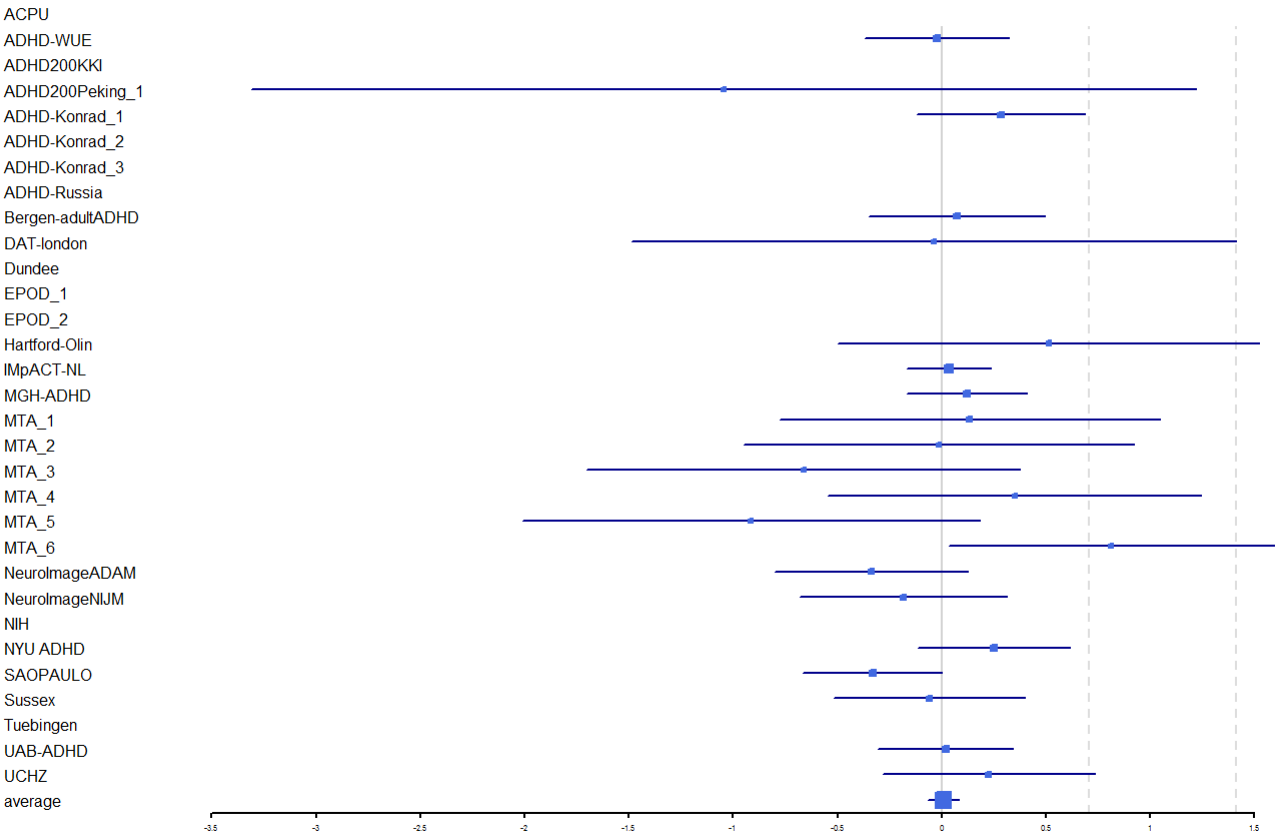


Mean Cortical Thickness OCD vs HC. (I2= 73.93)

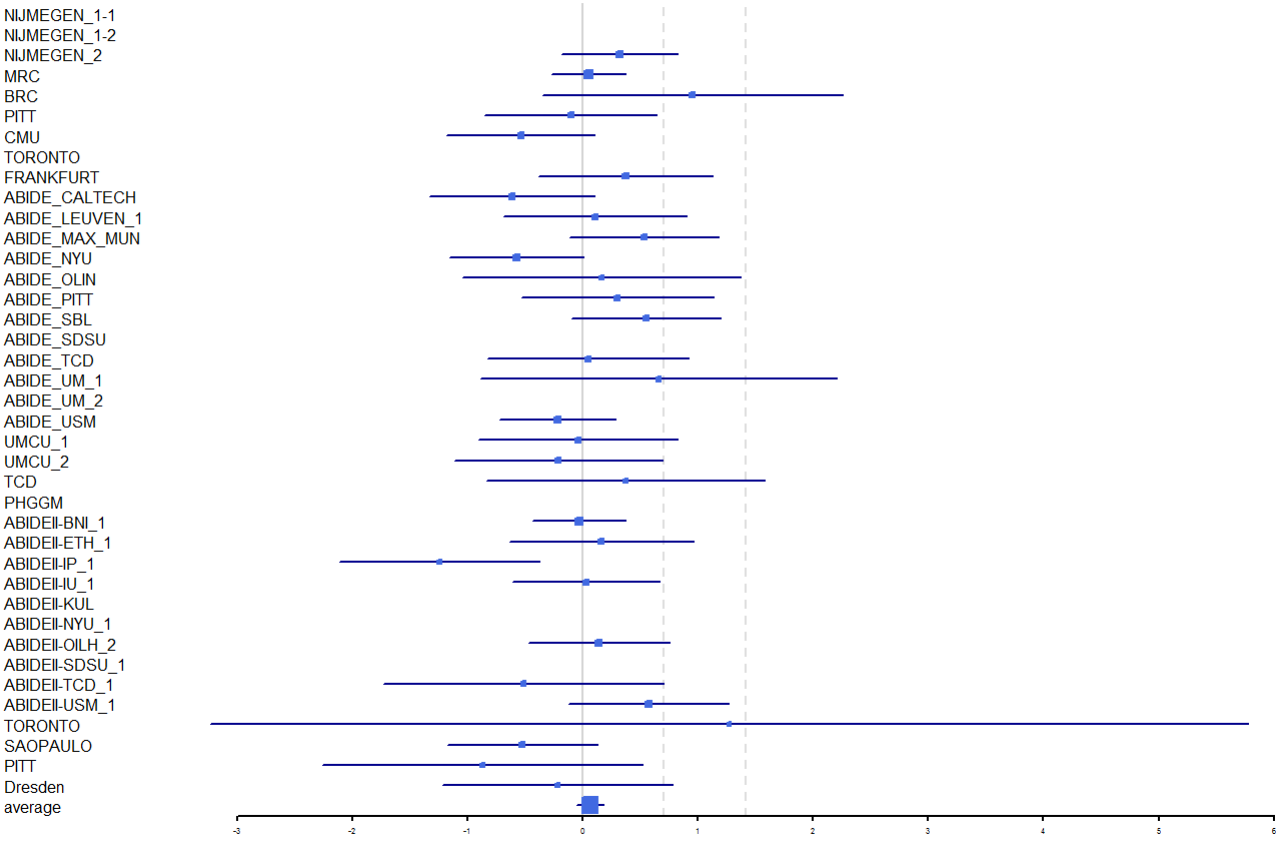


[Adults]

Mean Cortical Thickness ADHD vs HC. (I2= 22.53)

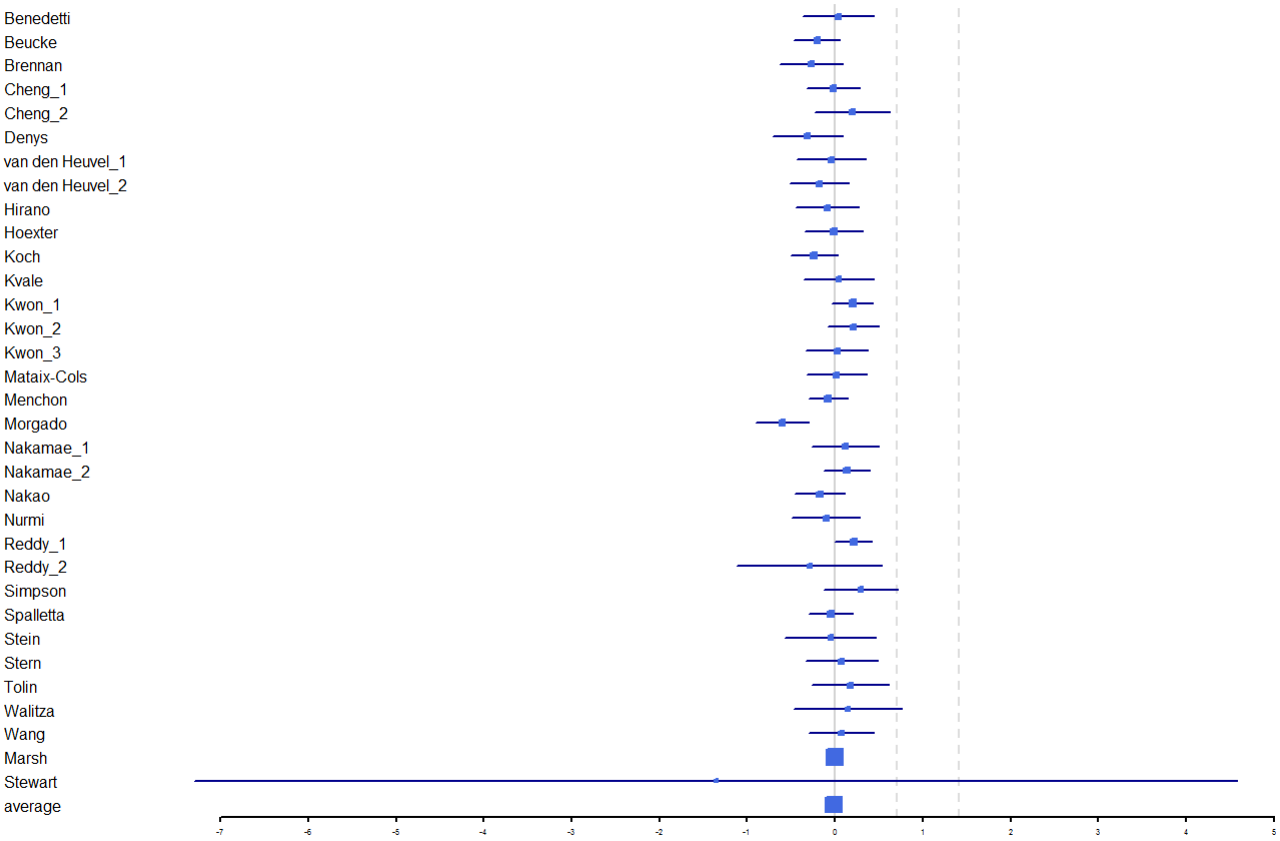


Mean Cortical Thickness ASD vs HC. (I2= 37.97)

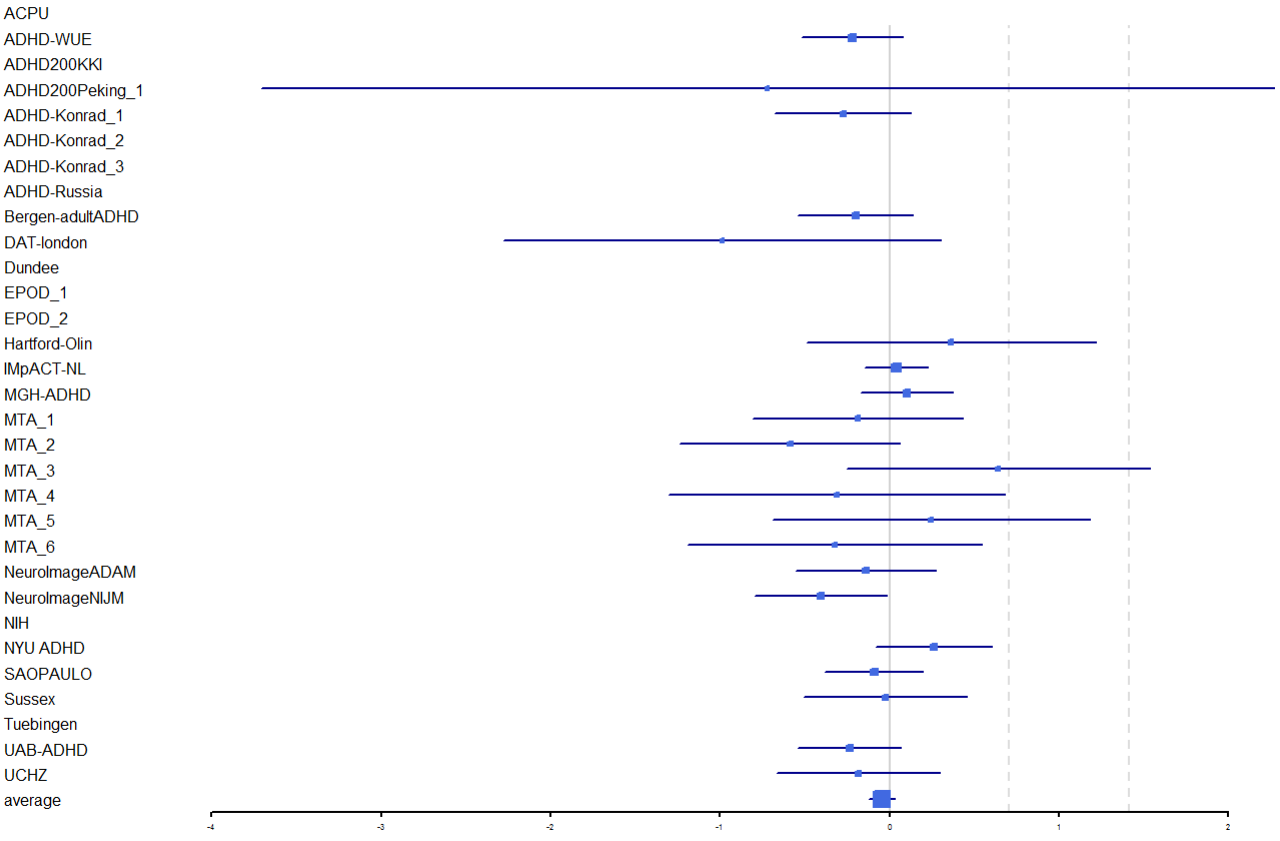


[Adults]

Full Surface Area OCD vs HC. (I2= 43.12)

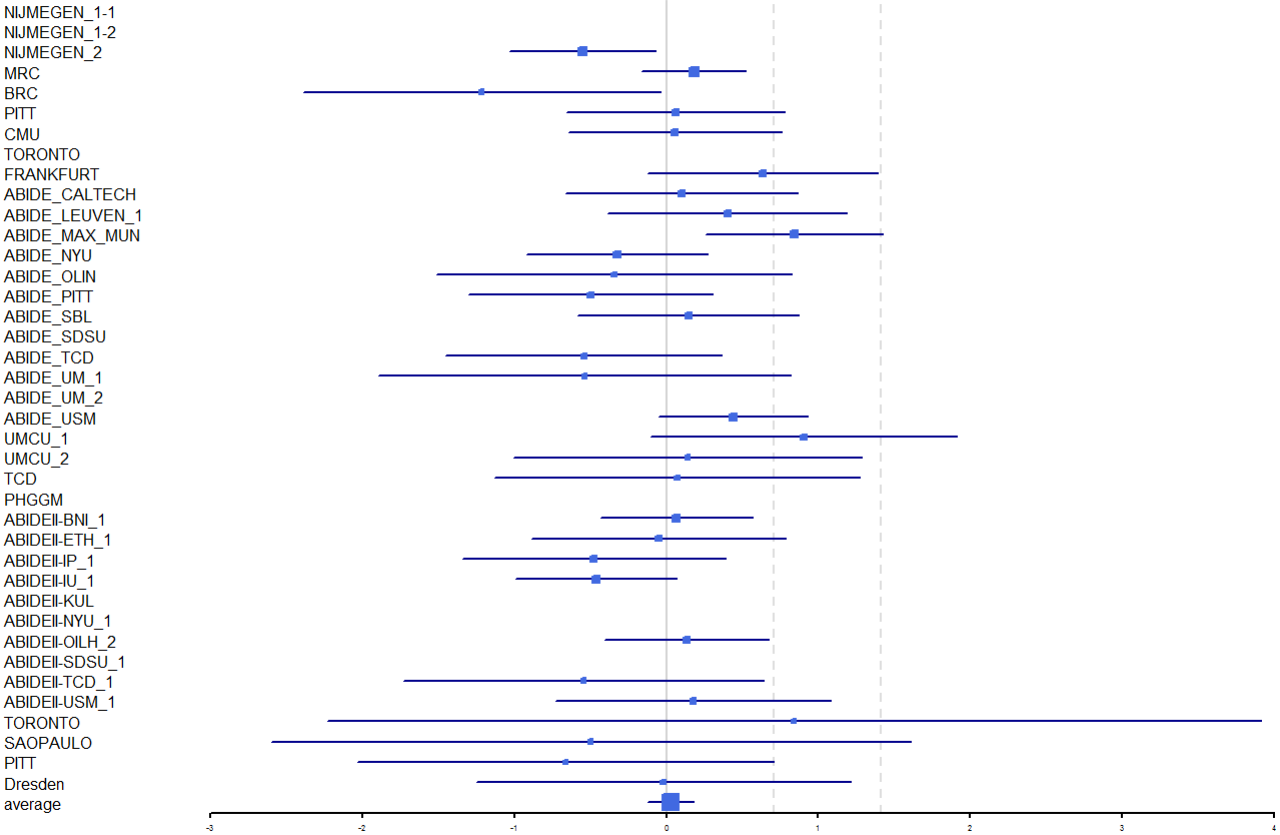


Full Surface Area ADHD vs HC. (I2= 22.39)

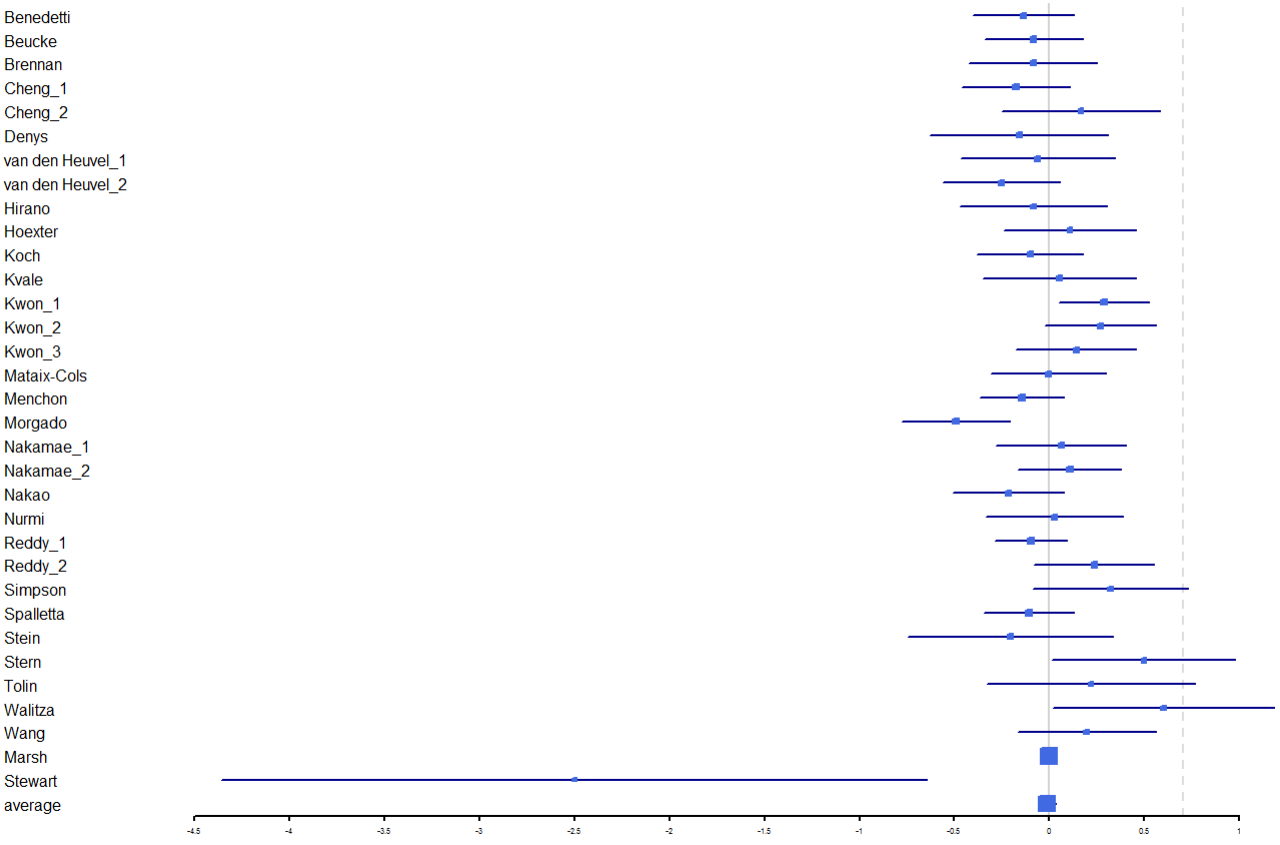


[Adults]

Full Surface Area ASD vs HC. (I2= 40.08)

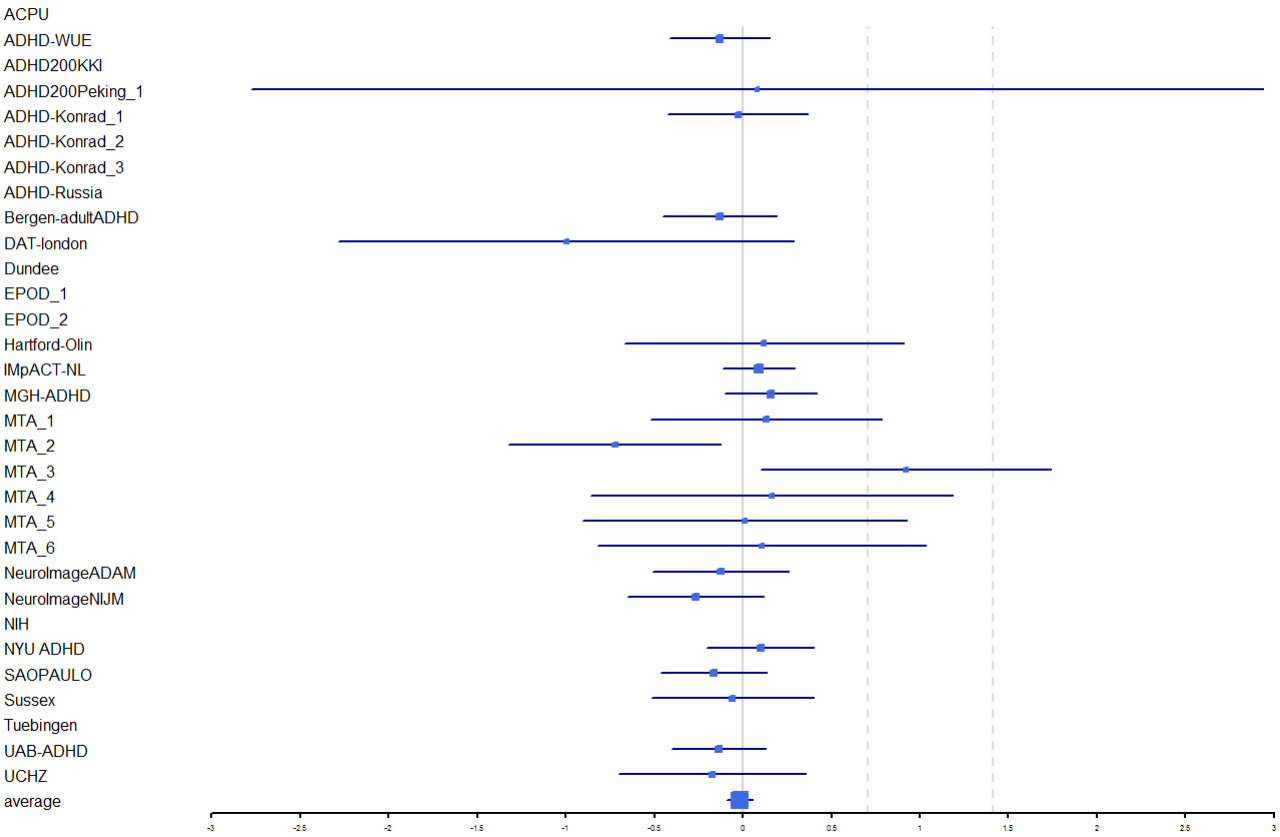
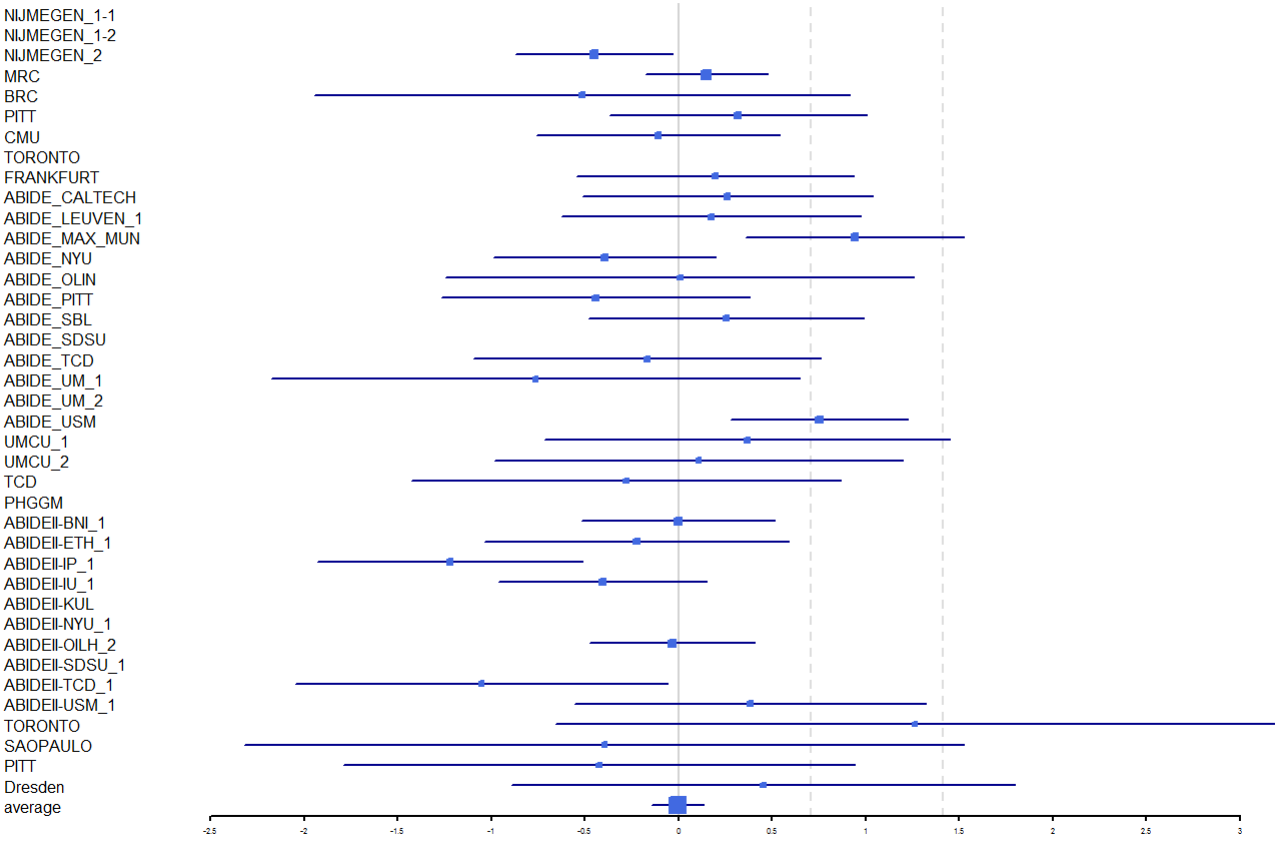


Intracranial Volume OCD vs HC. (I2= 57.17)



[Adults]

Intracranial Volume ADHD vs HC. (I2= 21.28)



Intracranial Volume ASD vs HC. (I2= 53.85)