Supplementary Figure 1

chr16:28300000-29700000

ID: Affy

ID: Human610

ID: Human660W

ID: HumanOmni1S

ID: HumanOmni2.5

ID: HumanOmniExpressExome

ID: OmniExpress

ID: PsychChip
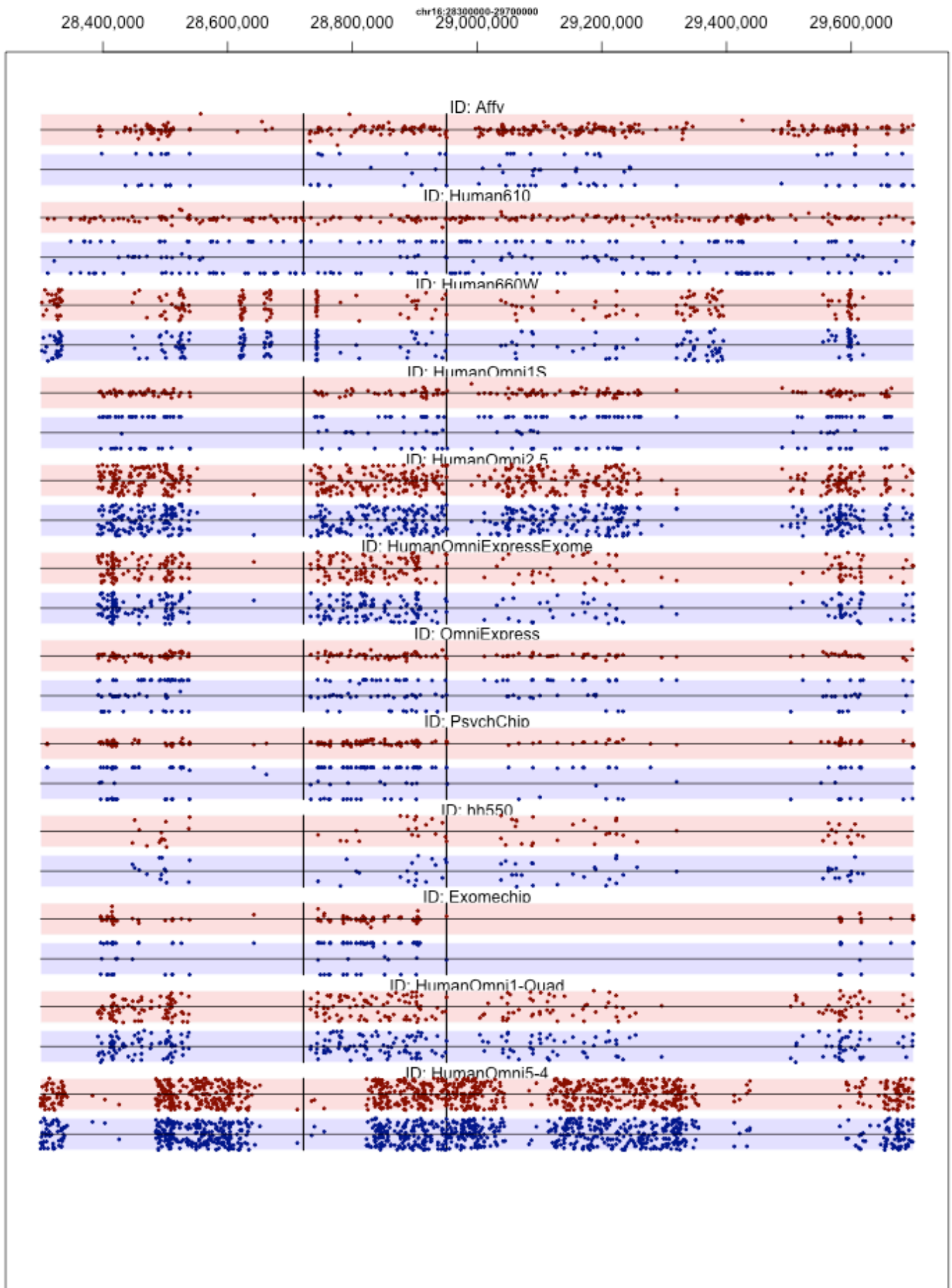
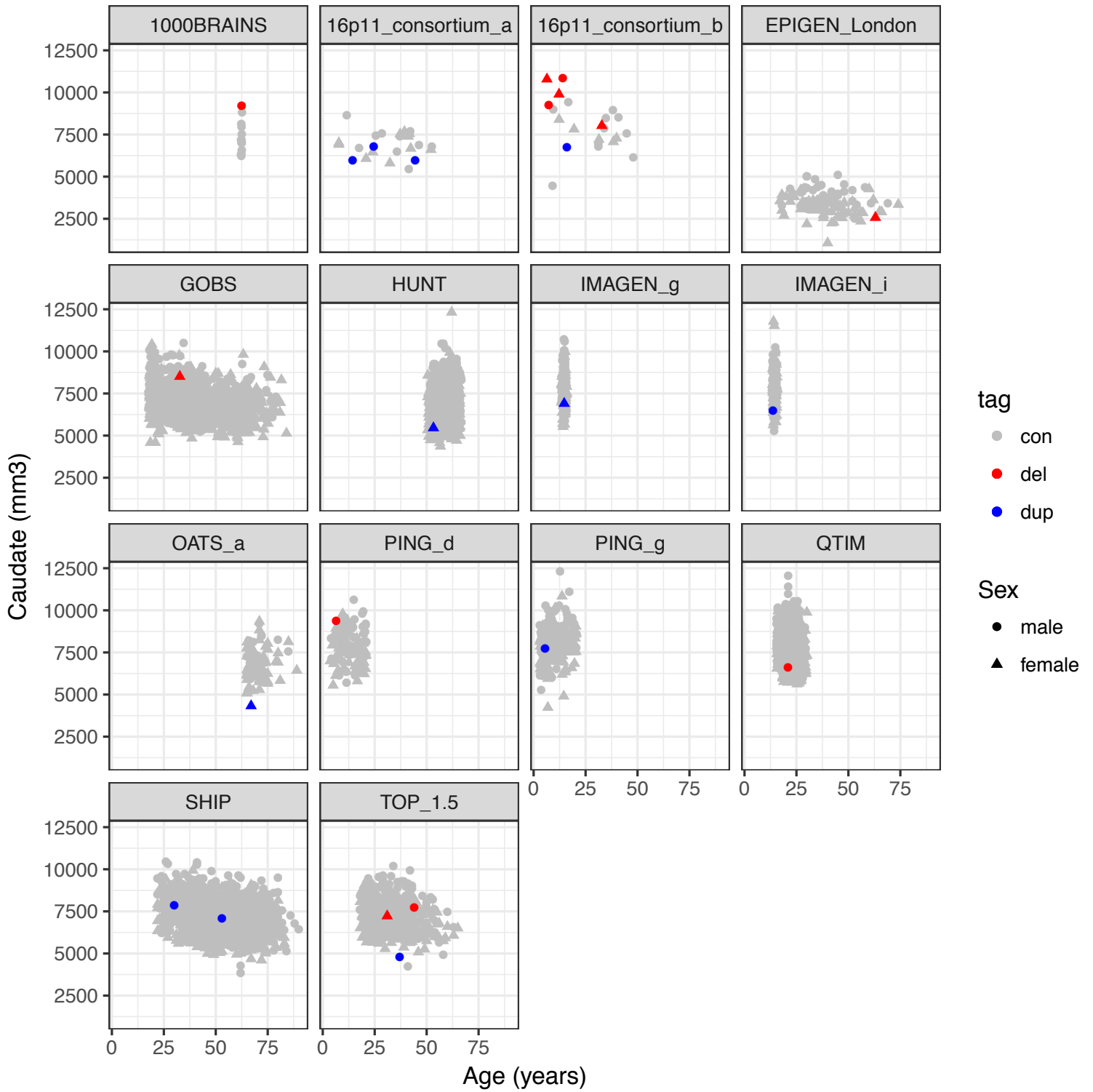ID: hh550

ID: Exomechip

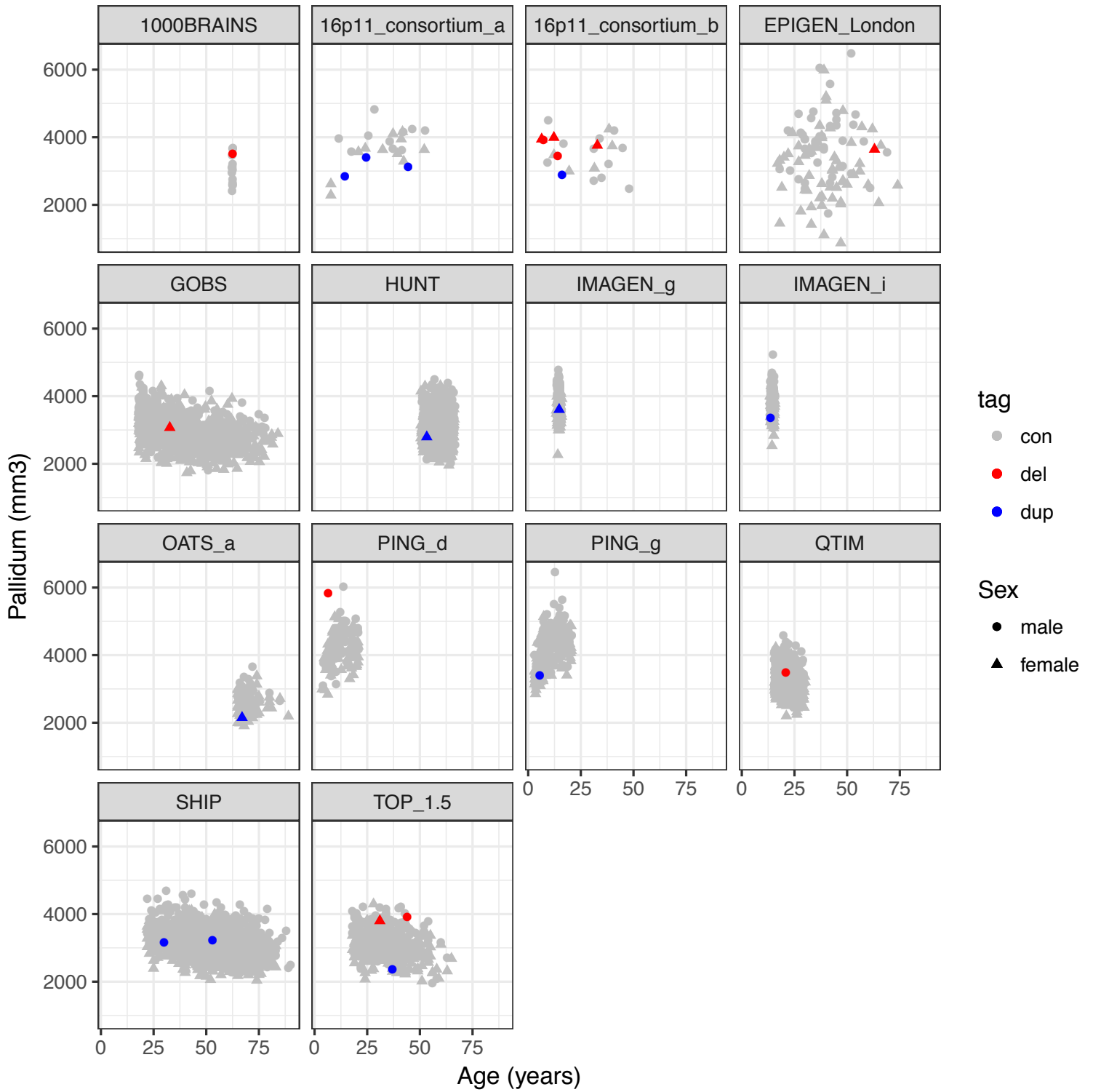ID: HumanOmni1-Quad

ID: HumanOmni5-4
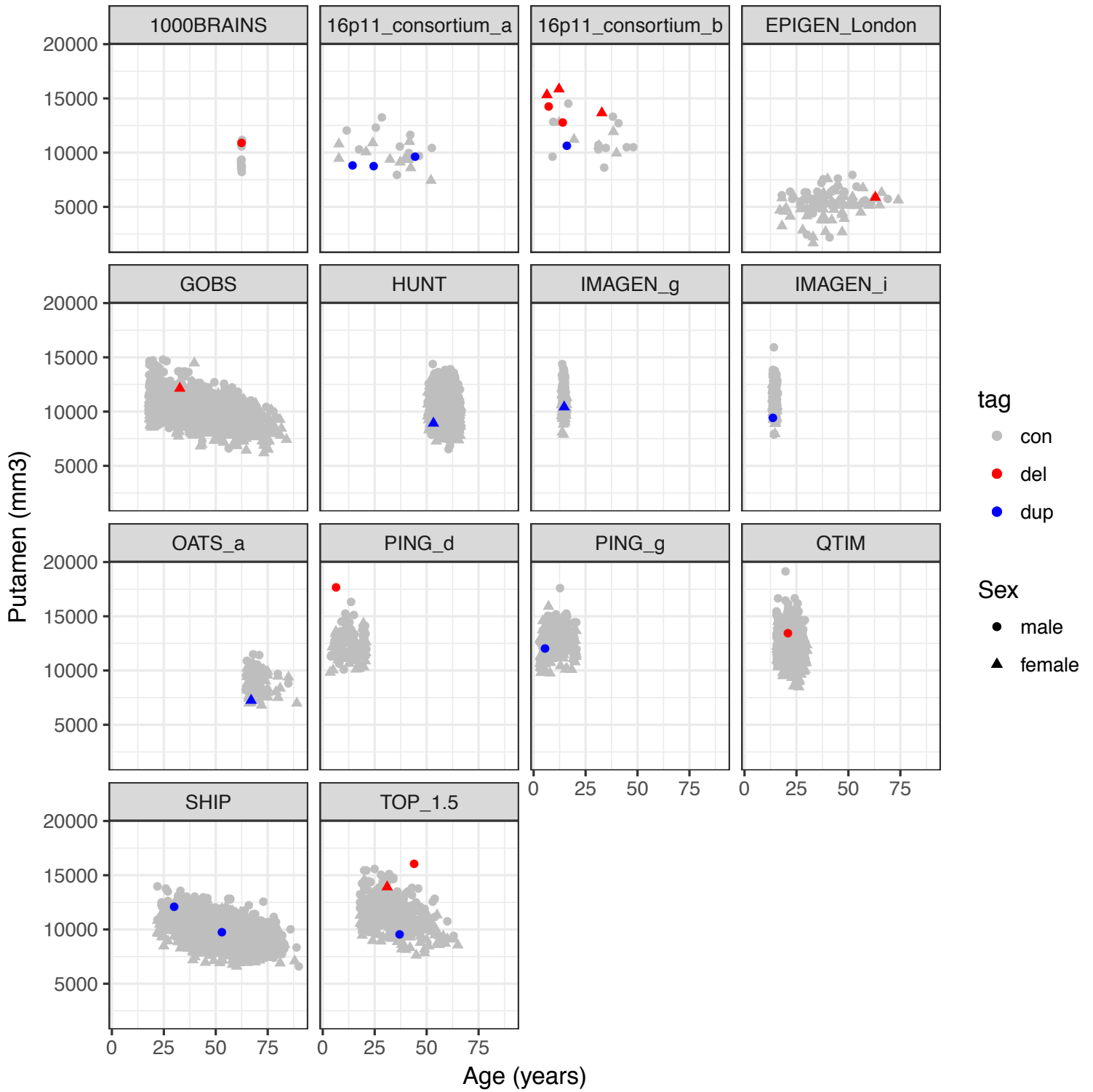
Supplementary Figure 2

Supplementary Figure 3a
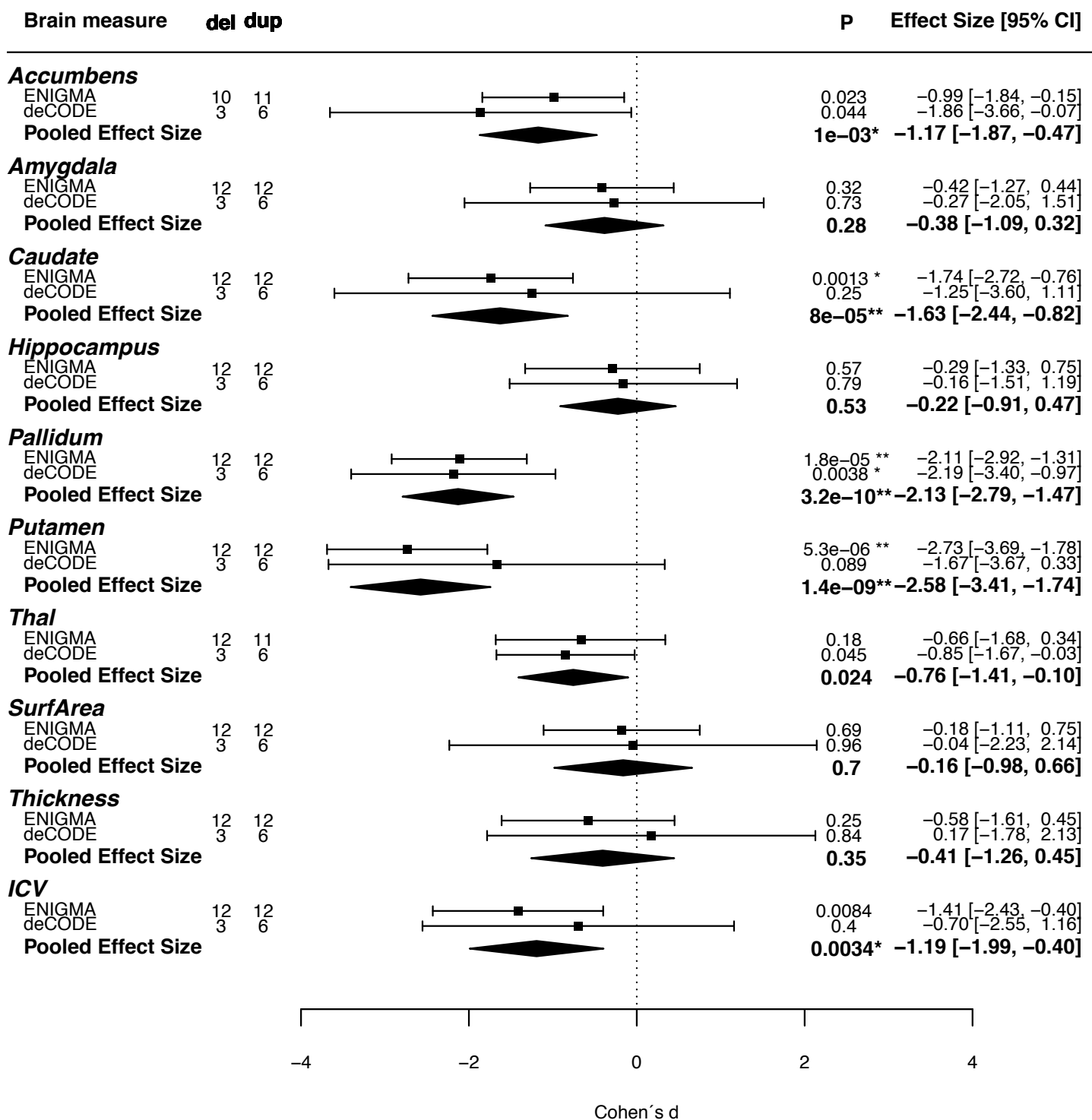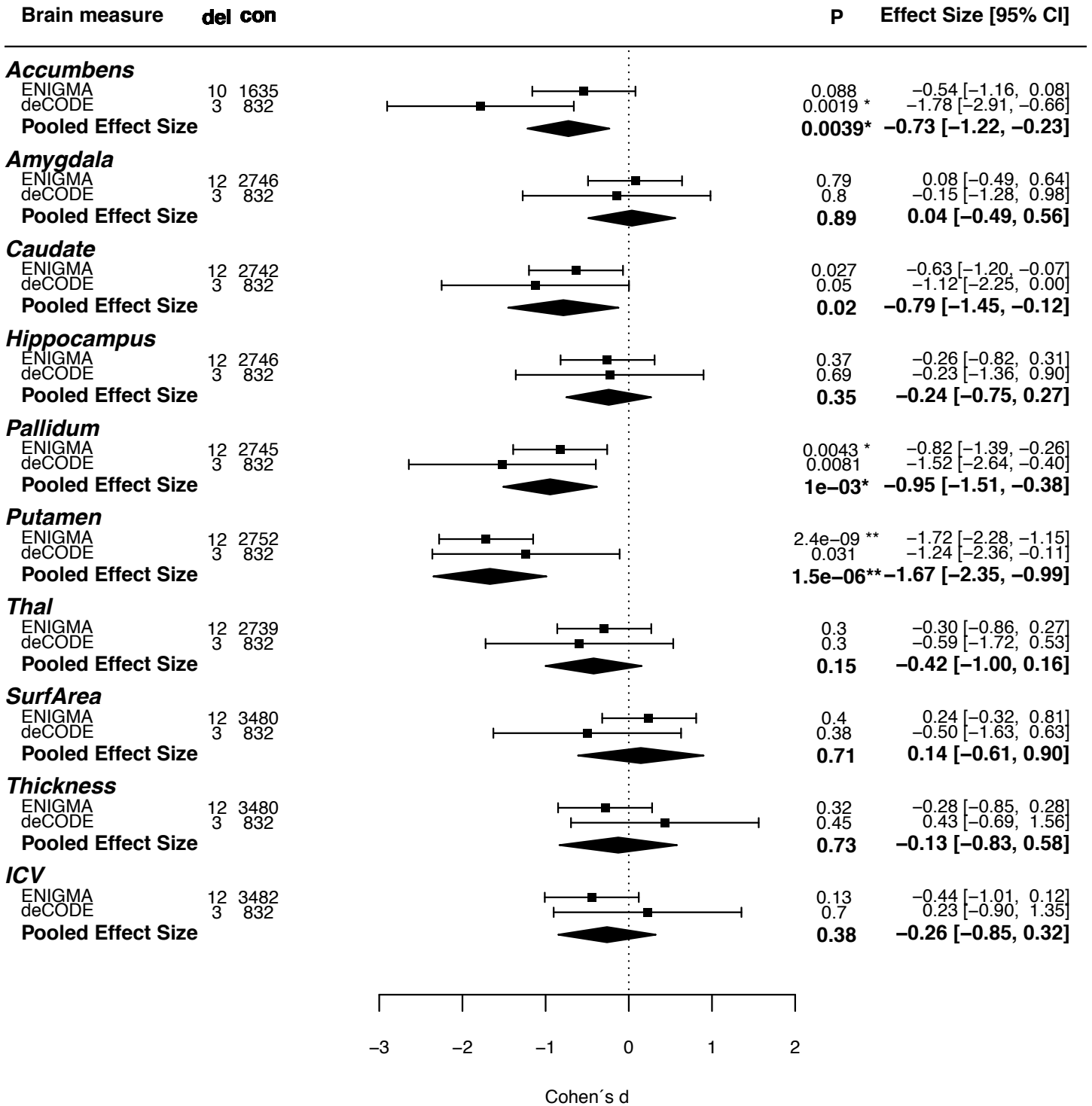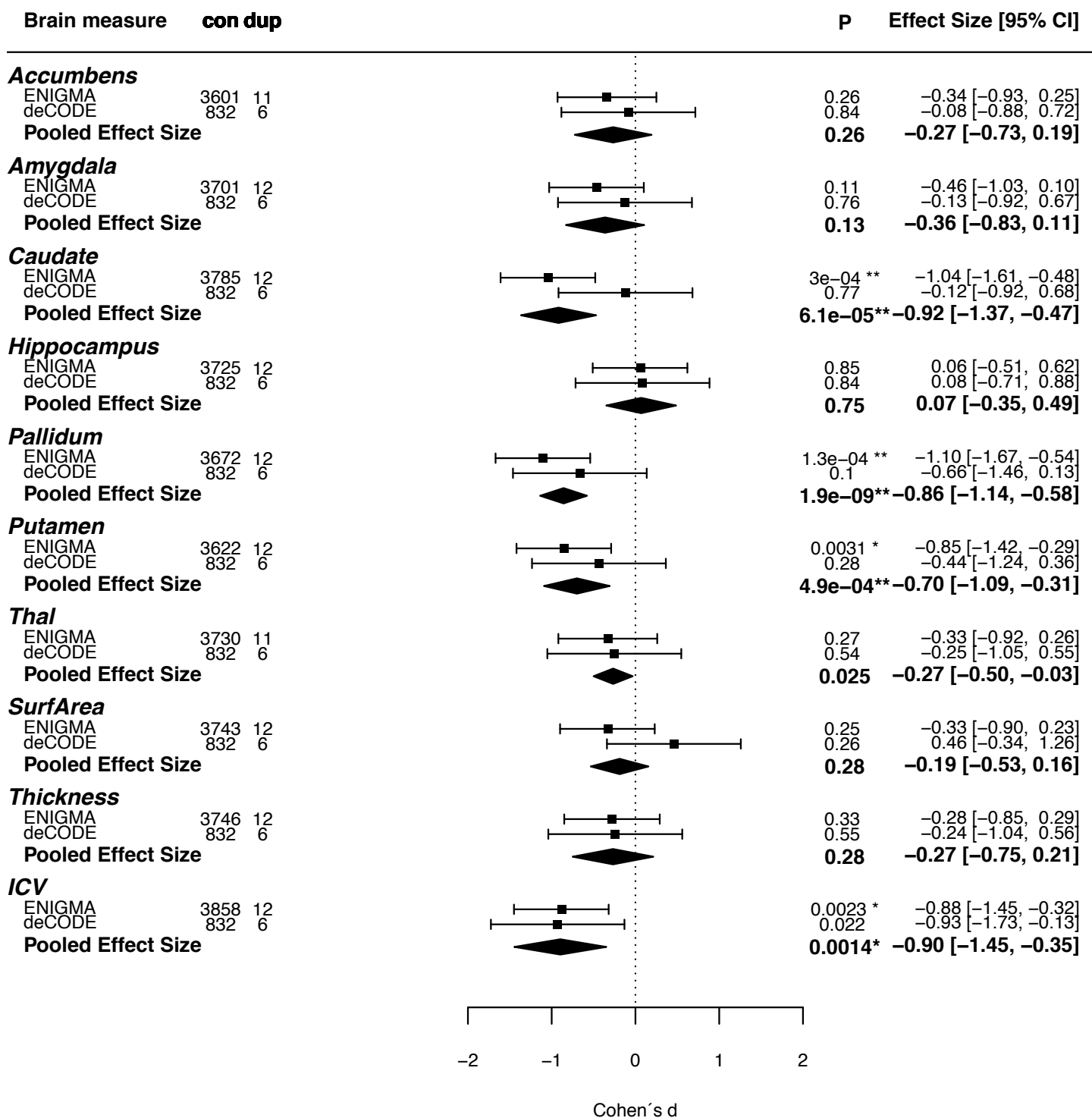
Supplementary Figure 3b

Supplementary Figure 3c

Supplementary Figure 4a
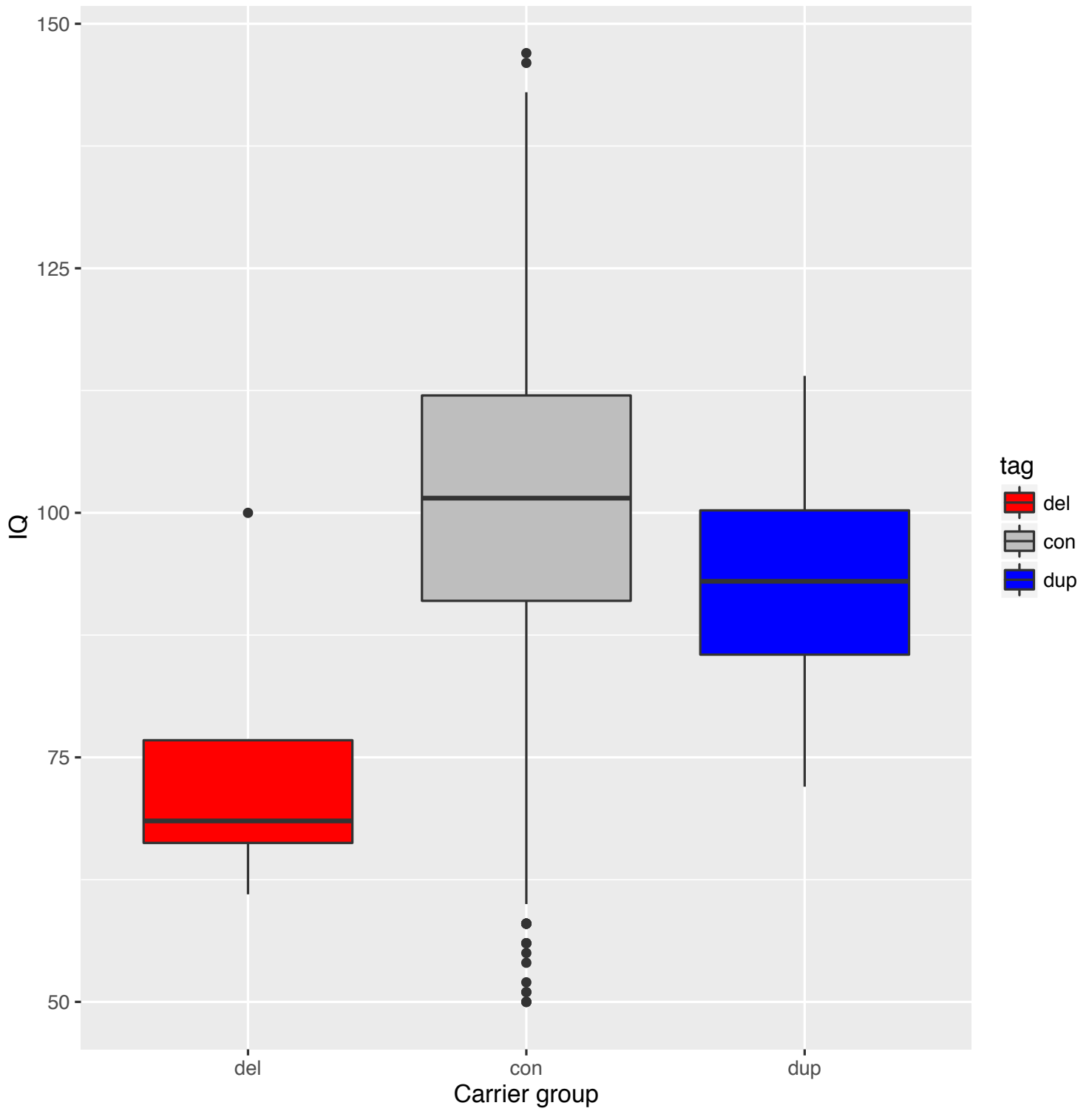
Supplementary Figure 4b

Supplementary Figure 4c

Brain measure	con dup			P	Effect Size [95% CI]
Accumbens					
ENIGMA	3601	11		0.26	−0.34 [−0.93, 0.25]
deCODE	832	6		0.84	−0.08 [−0.88, 0.72]
Pooled Effect Size				**0.26**	**−0.27 [−0.73, 0.19]**
Amygdala					
ENIGMA	3701	12		0.11	−0.46 [−1.03, 0.10]
deCODE	832	6		0.76	−0.13 [−0.92, 0.67]
Pooled Effect Size				**0.13**	**−0.36 [−0.83, 0.11]**
Caudate					
ENIGMA	3785	12		3e−04 **	−1.04 [−1.61, −0.48]
deCODE	832	6		0.77	−0.12 [−0.92, 0.68]
Pooled Effect Size				**6.1e−05**	** **−0.92 [−1.37, −0.47]**
Hippocampus					
ENIGMA	3725	12		0.85	0.06 [−0.51, 0.62]
deCODE	832	6		0.84	0.08 [−0.71, 0.88]
Pooled Effect Size				**0.75**	**0.07 [−0.35, 0.49]**
Pallidum					
ENIGMA	3672	12		1.3e−04 **	−1.10 [−1.67, −0.54]
deCODE	832	6		0.1	−0.66 [−1.46, 0.13]
Pooled Effect Size				**1.9e−09**	** **−0.86 [−1.14, −0.58]**
Putamen					
ENIGMA	3622	12		0.0031 *	−0.85 [−1.42, −0.29]
deCODE	832	6		0.28	−0.44 [−1.24, 0.36]
Pooled Effect Size				**4.9e−04**	** **−0.70 [−1.09, −0.31]**
Thal					
ENIGMA	3730	11		0.27	−0.33 [−0.92, 0.26]
deCODE	832	6		0.54	−0.25 [−1.05, 0.55]
Pooled Effect Size				**0.025**	**−0.27 [−0.50, −0.03]**
SurfArea					
ENIGMA	3743	12		0.25	−0.33 [−0.90, 0.23]
deCODE	832	6		0.26	0.46 [−0.34, 1.26]
Pooled Effect Size				**0.28**	**−0.19 [−0.53, 0.16]**
Thickness					
ENIGMA	3746	12		0.33	−0.28 [−0.85, 0.29]
deCODE	832	6		0.55	−0.24 [−1.04, 0.56]
Pooled Effect Size				**0.28**	**−0.27 [−0.75, 0.21]**
ICV					
ENIGMA	3858	12		0.0023 *	−0.88 [−1.45, −0.32]
deCODE	832	6		0.022	−0.93 [−1.73, −0.13]
Pooled Effect Size				**0.0014***	**−0.90 [−1.45, −0.35]**

−2   −1   0   1   2

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Supplementary Figure 5

Supplementary Figure 6

Supplementary Figure 7