

## Heritability Analysis in Queensland Twin Registry (QTwin Sample) using Freesurfer and FIRST

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*Freesurfer Sample:* 421 individuals, largest family unit = 3 (twin pair plus non-twin sibling), includes 84 complete MZ pairs, 94 complete DZ pairs

*FIRST sample:* 523 individuals, largest family unit = 3 (twin pair plus non-twin sibling), includes 102 complete MZ pairs, 109 complete DZ pairs

Proportions of Additive Genetic (A), Common Environmental (C), and Unique Environmental (E) Influence (Sex and age included as covariates)

	A (95% CI)	C (95% CI)	E (95% CI)
<b>Freesurfer</b>			
Left Hippo Vol	0.69 (0.33, 0.79)	0.02 (0.00, 0.34)	0.28 (0.21, 0.39)
Right Hippo Vol	0.67 (0.33, 0.75)	0.00 (0.00, 0.30)	0.33 (0.25, 0.44)
Avg Hippo Vol	0.76 (0.44, 0.82)	0.00 (0.00, 0.29)	0.24 (0.18, 0.33)
<b>FIRST</b>			
Left Hippo Vol	0.69 (0.36, 0.78)	0.03 (0.00, 0.31)	0.28 (0.22, 0.38)
Right Hippo Vol	0.66 (0.35, 0.73)	0.00 (0.00, 0.26)	0.34 (0.27, 0.45)
Avg Hippo Vol	0.78 (0.49, 0.83)	0.00 (0.00, 0.26)	0.22 (0.17, 0.29)