

# Heritability of visual perception and cortical architecture

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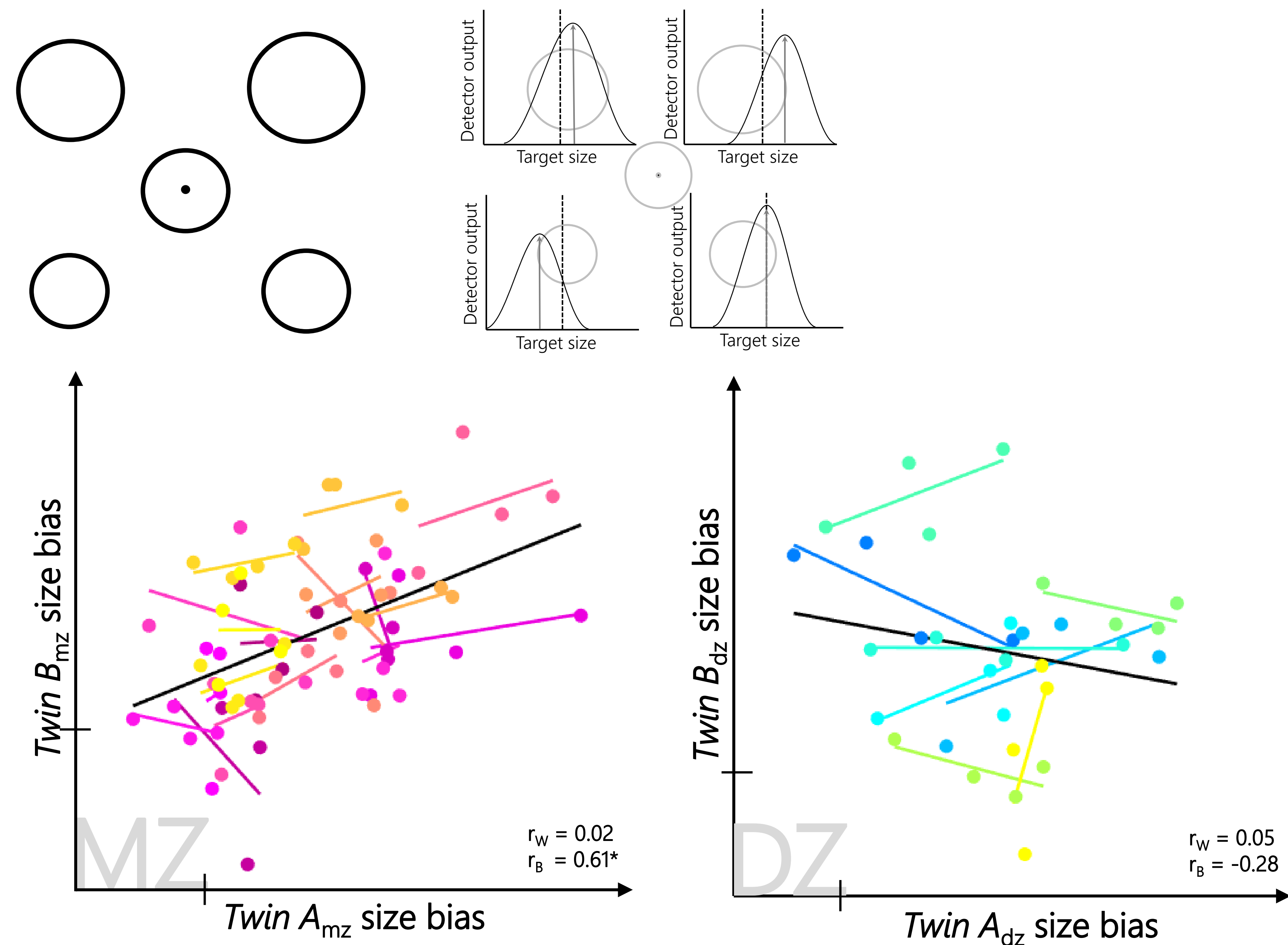
How heritable is visual perception and cortical architecture?

**MZ** = 18 pairs (15 pairs fMRI); 14(12) female, 4(3) male; M = 25yrs(26yrs), 19-47yrs; 10(9) RH pairs, 1 LH pair, 6(5) mixed, 1(0) missing data

**DZ** = 8 pairs; 6 female, 2 male; M = 24yrs, 21-27yrs; All RH

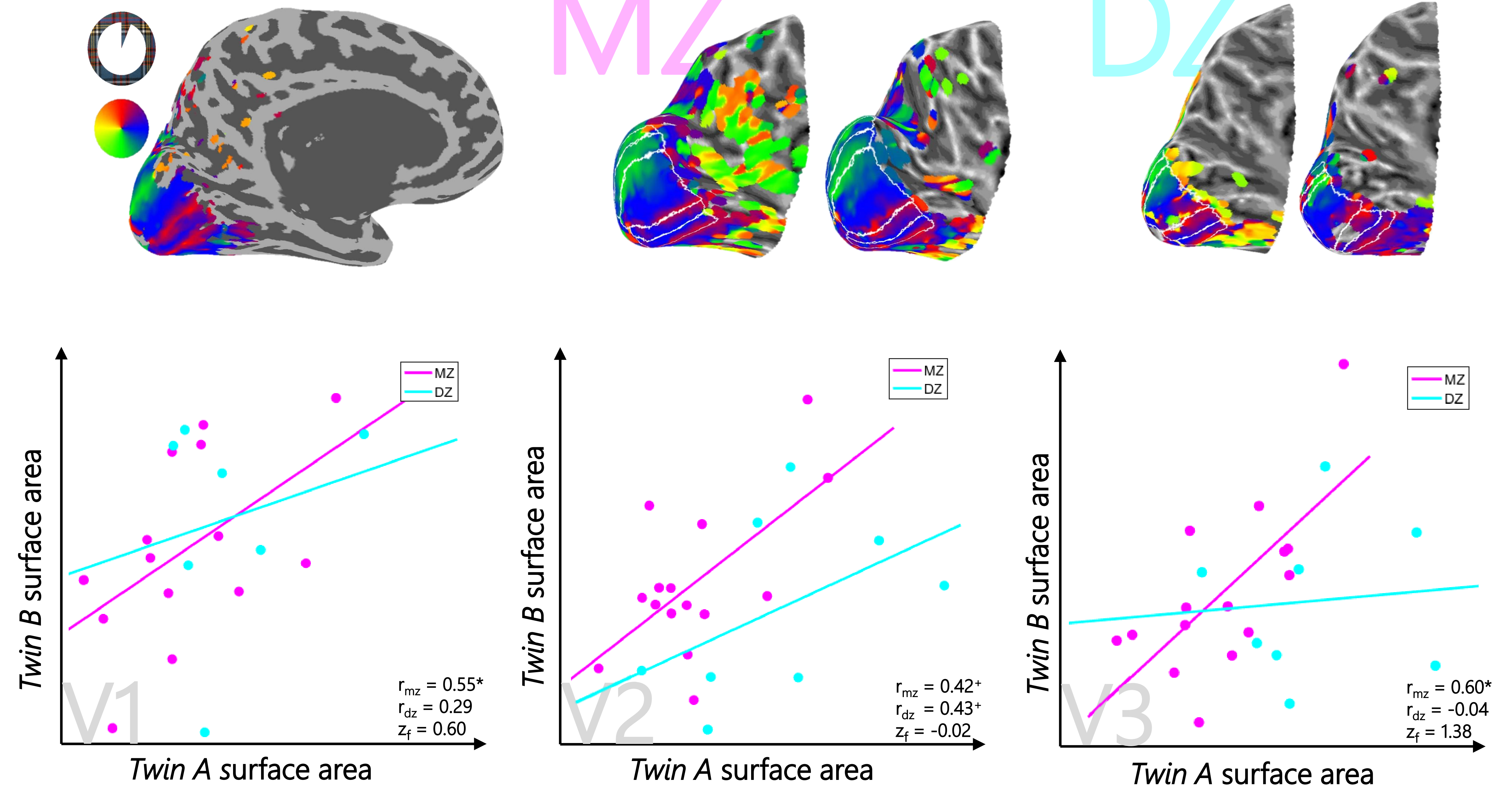
## Behavioural

### Size perception?



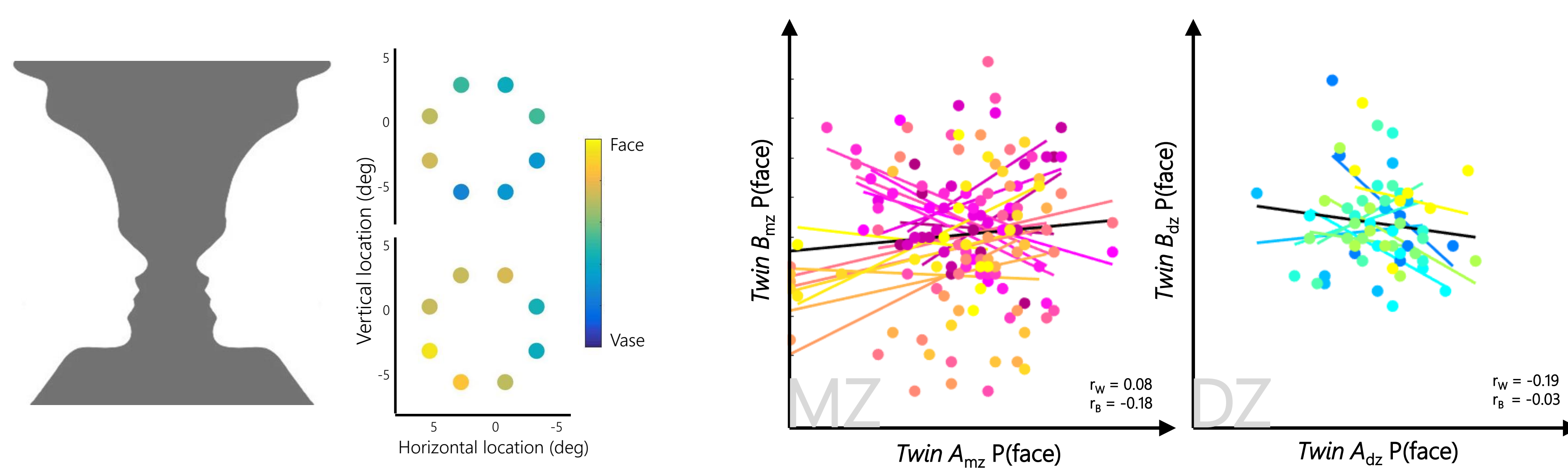
## fMRI

### Surface area?



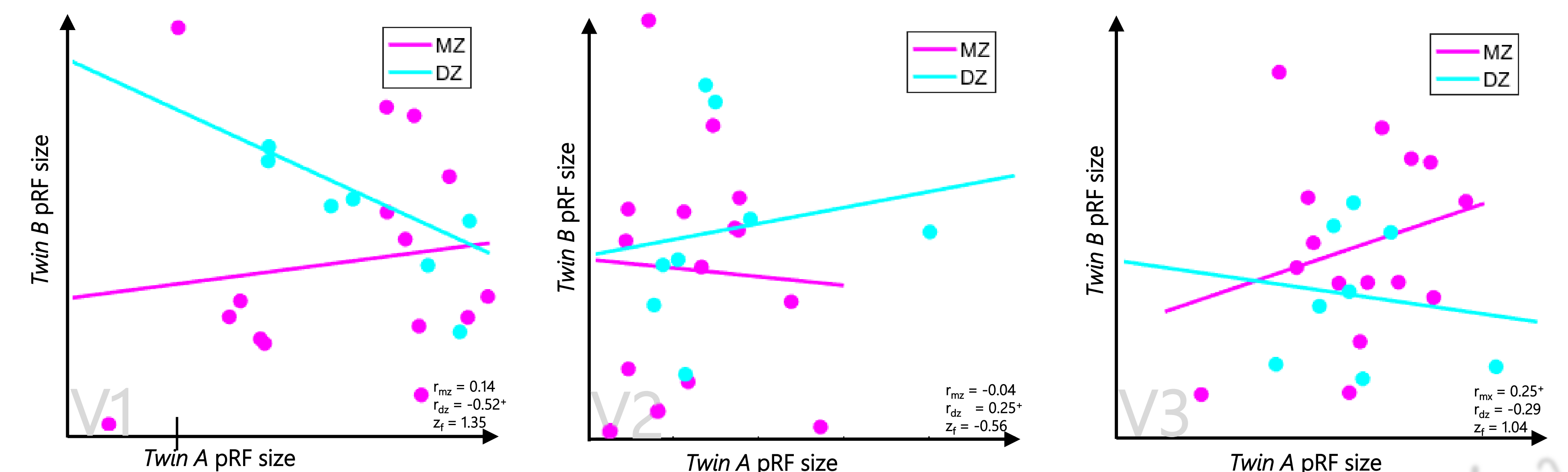
## Behavioural

### Ambiguous figure perception?



## fMRI

### pRF size?



Size perception is heritable (but not individual visual field biases), which may be reflected in the surface area of early visual cortex.

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