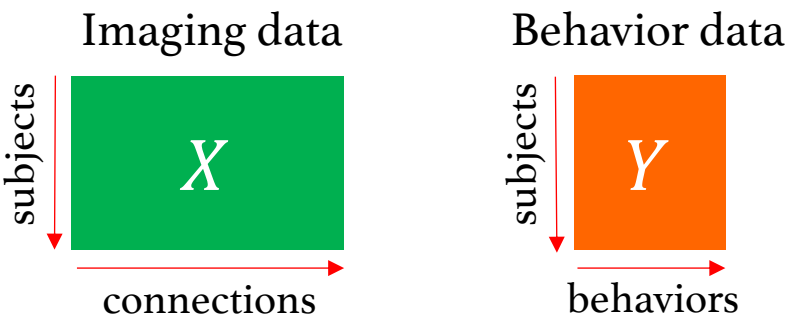
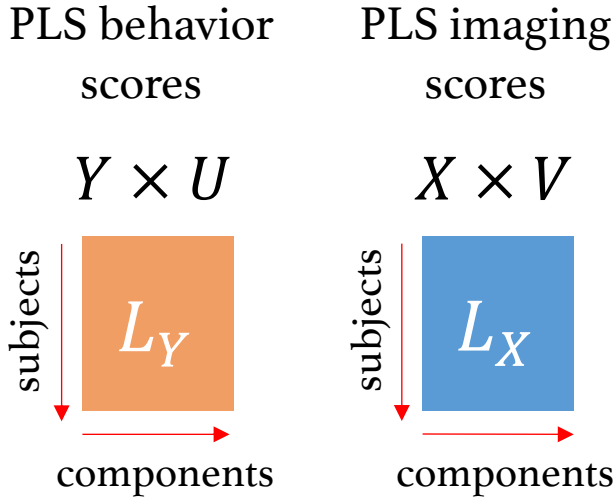


# PLS analysis

## Original data

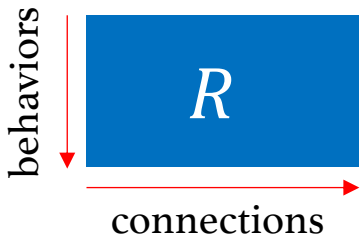


## PLS scores & loadings



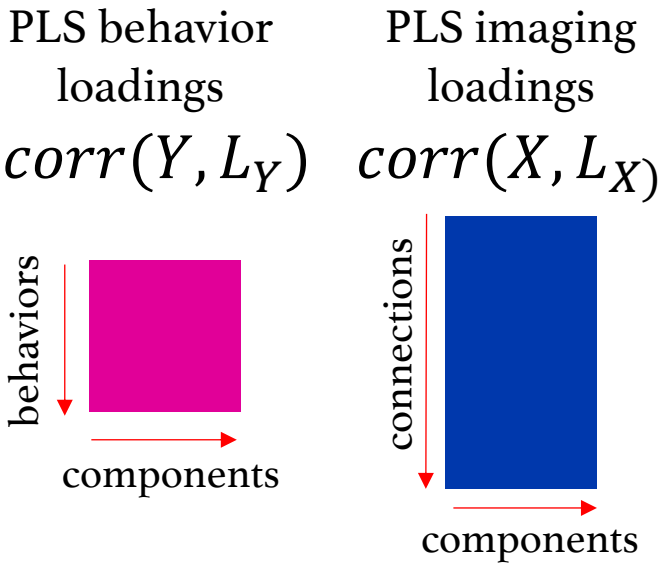
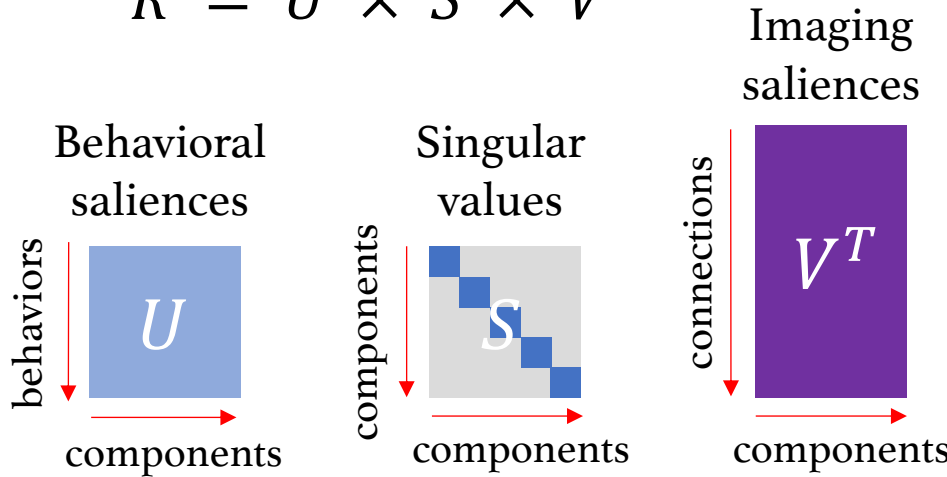
## Cross-covariance matrix

$$Y^T \times X = R$$



## Singular value decomposition

$$R = U \times S \times V^T$$



# PLS interpretation

