popeye: a population receptive field estimation tool

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Summary

Popeye is a Python library for designing, estimating, and validating population receptive field (pRF) models. The pRF model is a quantitative model of the cumulative response of the population of neurons contained within a single fMRI voxel (SO and BA 2008). The pRF model allows neuroscientists to interpret and predict the response of a voxel to various perceptual stimuli (Thomas JM et al. 2014) and cognitive demands (Harvey BM et al. 2013), both in cortex and in subcortical nuclei (DeSimone K, Viviano JA, and KA 2015).

https://kdesimone.github.io/popeye

References

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