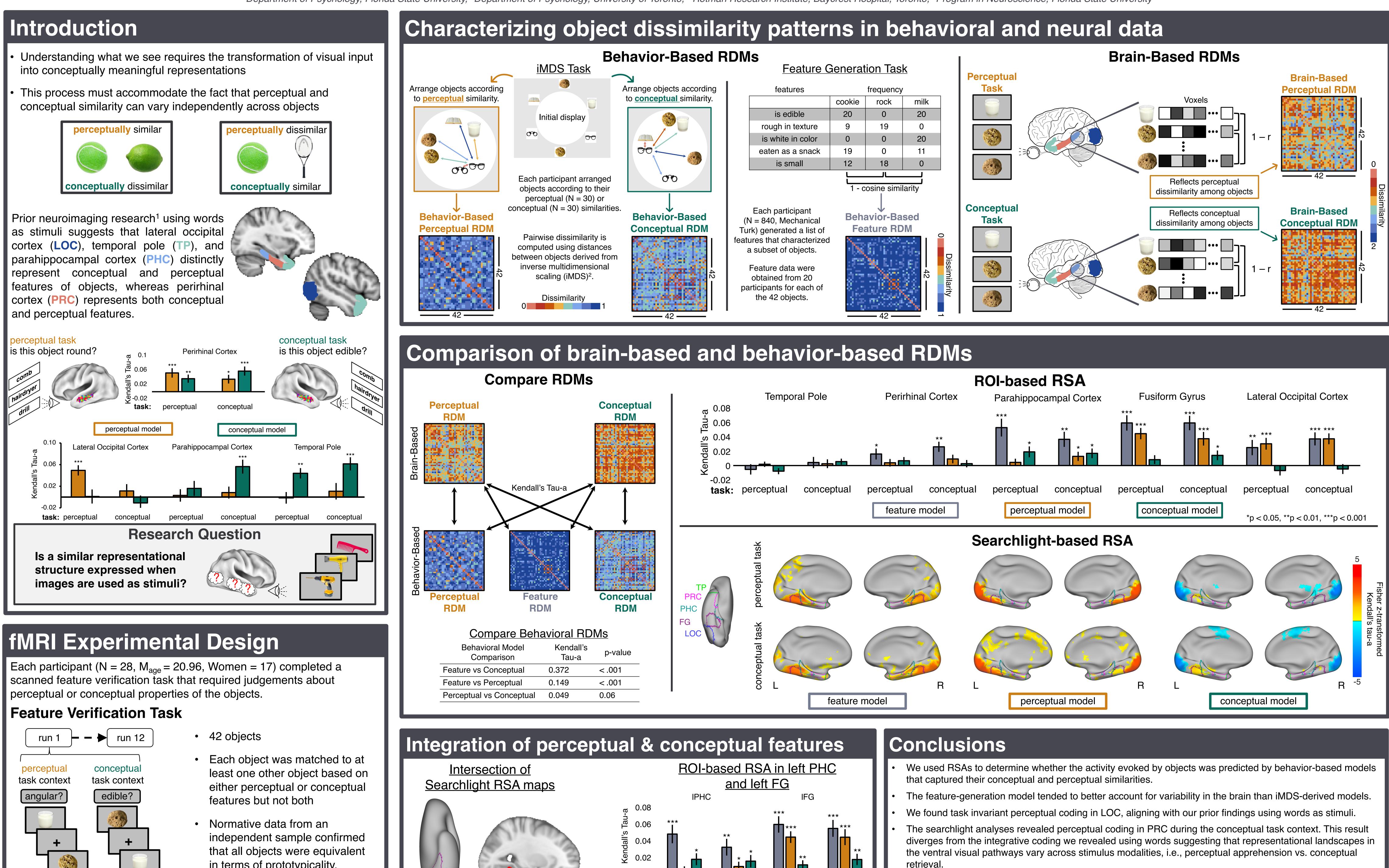
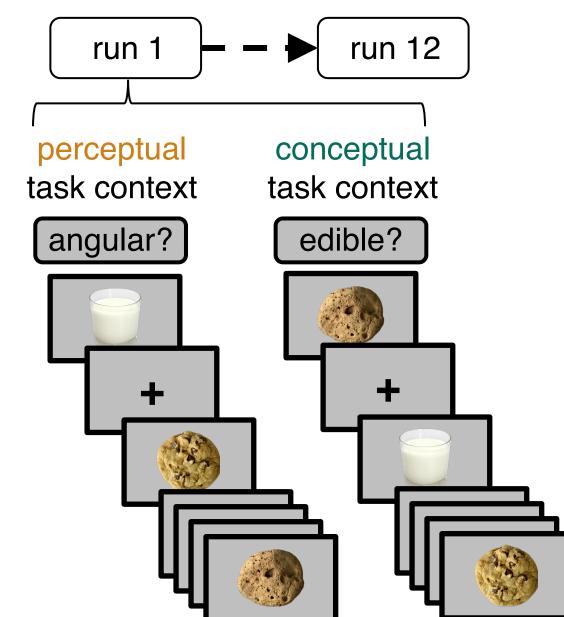
Parahippocampal cortex and fusiform gyrus integrate conceptual and perceptual features of object images

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- in terms of prototypicality, lifetime familiarity, and naming

model model model *p < 0.05, **p < 0.01, ***p < 0.001 References: 1.) Martin, C.B., et al. (2018) Integrative and distinctive coding of visual stream eLife 7:e31873. 2.) Kriegeskorte, N., & Mur, M. (2012). Inverse MDS: Inferring dissimilarity structure from multiple item arrangements. Front. psychol, 3.

perceptual

feature

conceptual

perceptual

perceptual

conceptual

conceptual



The left PHC and left FG were the only regions where neural similarity in both task contexts were correlated with all behavior-based similarity models. This indicates that these structures uniquely represent fine-grained conceptual and perceptual object features in an integrative code.