22 June 2021

SamSrf Publication List

Aware of any studies using SamSrf that aren't listed here?

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Articles by SamPenDu lab & collaborators

Stoll, S, Infanti, E, de Haas, B, & Schwarzkopf, DS (2022). Pitfalls in Post Hoc Analyses of Population Receptive Field Data. *bioRxiv*:10.1101/2020.12.15.422942

Ho, M, & Schwarzkopf, DS (2022). The human primary visual cortex (V1) encodes the perceived position of static but not moving objects. *Commun Biol* 5: 181.

Alvarez, I, Finlayson, NJ, Ei, S, de Haas, B, Greenwood, JA, & Schwarzkopf, DS (2021). Heritable functional architecture in human visual cortex. *NeuroImage* 239: 118286.

de Haas, B, Sereno, MI, & Schwarzkopf, DS (2021). Inferior occipital gyrus is organised along common gradients of spatial and face-part selectivity. *Journal of Neuroscience* 41(25): 5511-21.

Stoll, S, Finlayson, NJ, & Schwarzkopf, DS (2020). Topographic Signatures of Global Object Perception in Human Visual Cortex. *NeuroImage* 220: 116926.

Alvarez, I, Smittenaar, R, Handley, SE, Liasis, A, Sereno, MI, Schwarzkopf, DS, & Clark, CA (2020). Altered visual population receptive fields in human albinism. *Cortex* 128: 107-23.

Infanti, I, & Schwarzkopf, DS. Mapping sequences can bias population receptive field estimates. *NeuroImage* 211: 116636.

Morgan, C, & Schwarzkopf, DS. Comparison of human population receptive field estimates between scanners and the effect of temporal filtering. *F1000Research* 8: 1681.

Hughes, AE, Greenwood, JA, Finlayson, NJ, & Schwarzkopf, DS. Population receptive field estimate for motion-defined stimuli. *NeuroImage* 199: 245-60, 2019.

Dekker TM, Schwarzkopf DS, de Haas B, Nardini M, Sereno MI. Population receptive field tuning properties of visual cortex during childhood. *Dev Cogn Neurosci* 100614, 2019.

Moutsiana C, Soliman R, de Wit L, James-Galton M, Sereno MI, Plant GT, Schwarzkopf DS. Unexplained Progressive Visual Field Loss in the Presence of Normal Retinotopic Maps. *Front Psychol* 9: 1722, 2018.

de Haas B, Schwarzkopf DS. Spatially selective responses to Kanizsa and occlusion stimuli in human visual cortex. *Sci Rep* 8: 611, 2018.

Anderson EJ, Tibber MS, Schwarzkopf DS, Shergill SS, Fernandez-Egea E, Rees G, Dakin SC. Visual Population Receptive Fields in People with Schizophrenia Have Reduced Inhibitory Surrounds. *J Neurosci* 37: 1546–1556, 2017.

Moutsiana C, de Haas B, Papageorgiou A, van Dijk JA, Balraj A, Greenwood JA, Schwarzkopf DS. Cortical idiosyncrasies predict the perception of object size. *Nat Commun* 7: 12110, 2016.

van Dijk JA, de Haas B, Moutsiana C, Schwarzkopf DS. Intersession reliability of population receptive field estimates. *NeuroImage* 143:293-303, 2016.

Smittenaar, CR, MacSweeney, M, Sereno, MI, & Schwarzkopf, DS (2016). Does Congenital Deafness Affect the Structural and Functional Architecture of Primary Visual Cortex? *Open Neuroimaging Journal* 10: 1-19.

Alvarez I, De Haas BA, Clark CA, Rees G, Schwarzkopf DS. Comparing different stimulus configurations for population receptive field mapping in human fMRI. *Front Hum Neurosci* 9: 96, 2015.

de Haas B, Schwarzkopf DS, Anderson EJ, Rees G. Perceptual load affects spatial tuning of neuronal populations in human early visual cortex. *Curr Biol* 24: R66-67, 2014. *(but see retraction notice: de Haas et al, 2020 for important confound with binning analyses of pRF data)*

Schwarzkopf DS, Anderson EJ, Haas B de, White SJ, Rees G. Larger Extrastriate Population Receptive Fields in Autism Spectrum Disorders. *J Neurosci* 34: 2713–2724, 2014.

Alvarez I, Schwarzkopf DS, Clark CA. Extrastriate projections in human optic radiation revealed by fMRI-informed tractography. *Brain Struct Funct* 220(5): 2519-32, 2014.

Articles by other labs

Jastrzębowska, MA, Chicherov, V, Draganski, B, & Herzog, MH. Unraveling brain interactions in vision: The example of crowding. *NeuroImage* 240: 118390, 2021.

Protopapa F, Hayashi MJ, Kulashekhar S, Zwaag W van der, Battistella G, Murray MM, Kanai R, Bueti D. Chronotopic maps in human supplementary motor area. *PLOS Biol* 17: e3000026, 2019.