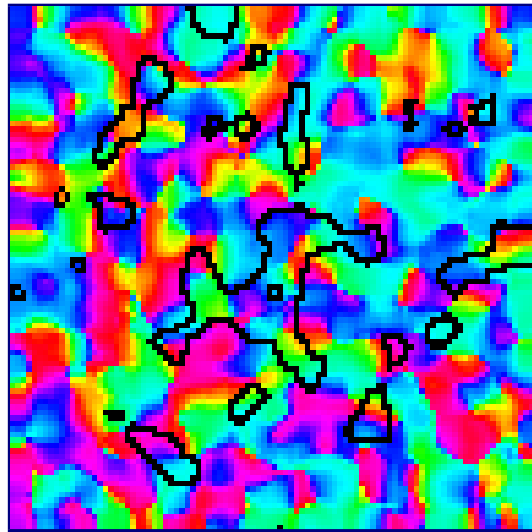
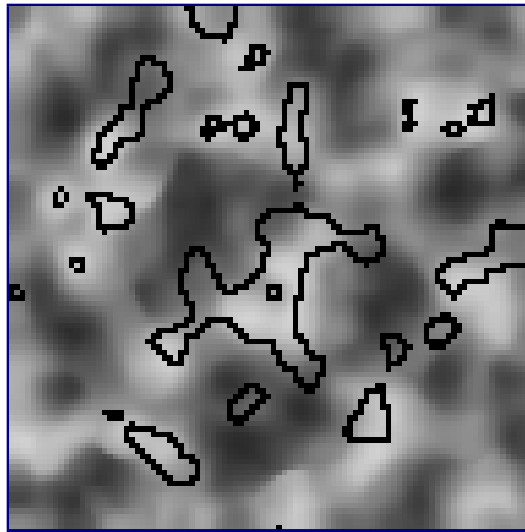


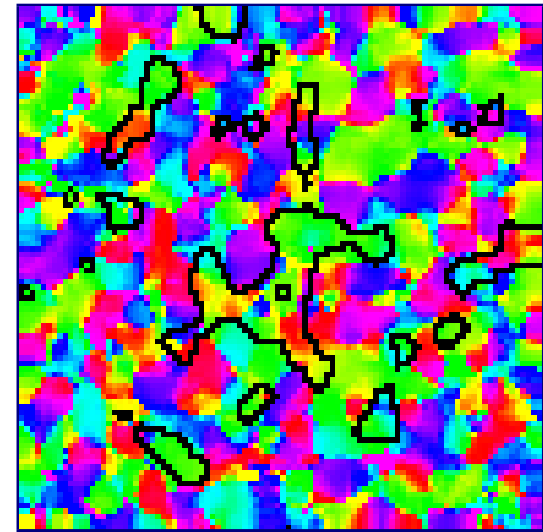
2. OR, OD, DR lateral connections



OR+lateral

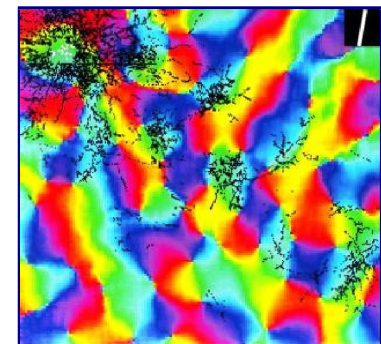


OD+lateral



DR+lateral

- The lateral connections respect all maps simultaneously, to some degree
- Elongation along orientation axis depends on training set, e.g. with Fitzpatrick lab cages



(Tree shrew; Bosking et al. 1997)

References

Bosking, W. H., Zhang, Y., Schofield, B. R., & Fitzpatrick, D. (1997). Orientation selectivity and the arrangement of horizontal connections in tree shrew striate cortex. *The Journal of Neuroscience*, 17 (6), 2112–2127.