

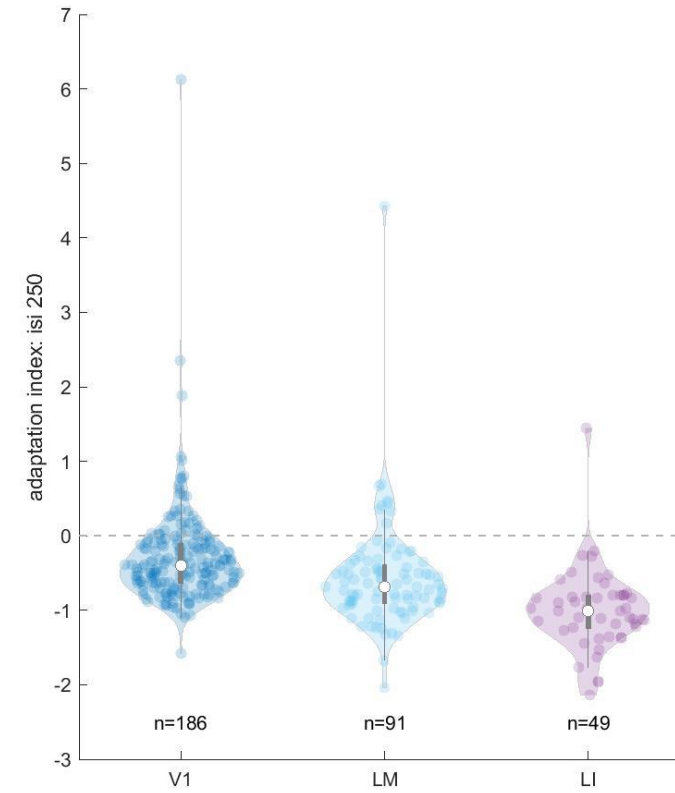
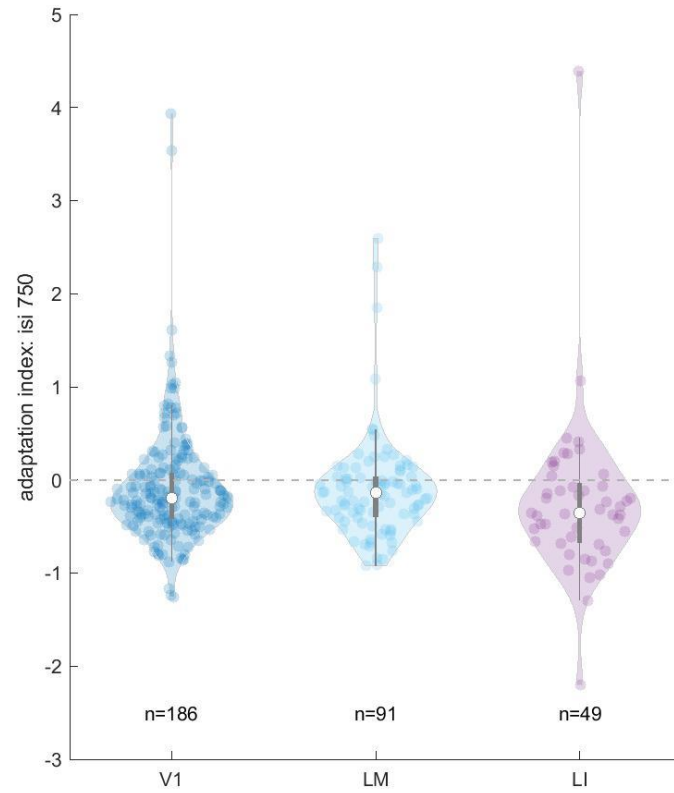
Good news: ISI=750 does not facilitate response.

Adaptation index = ( resp\_targ\_0deg - resp\_adapter ) / resp\_adapter for the same cell

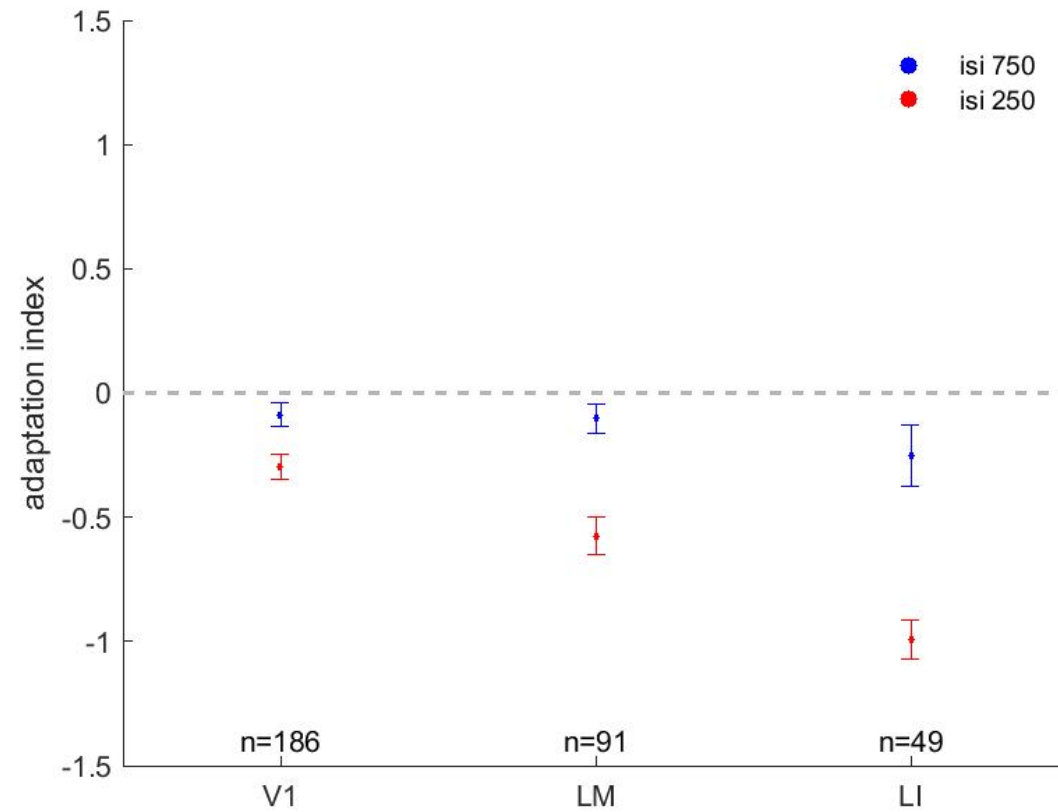
- ✓ Bug found: I mistakenly used resp\_targ\_0deg (averaged over 750 & 250 isi) as resp\_adapter  
This is why ISI 750 vs 250 adaptation ratios look like mirror image
- ✓ Lesson learned: wrap things into functions, so that variable name bugs are easier to spot 😊

Saner results as below:

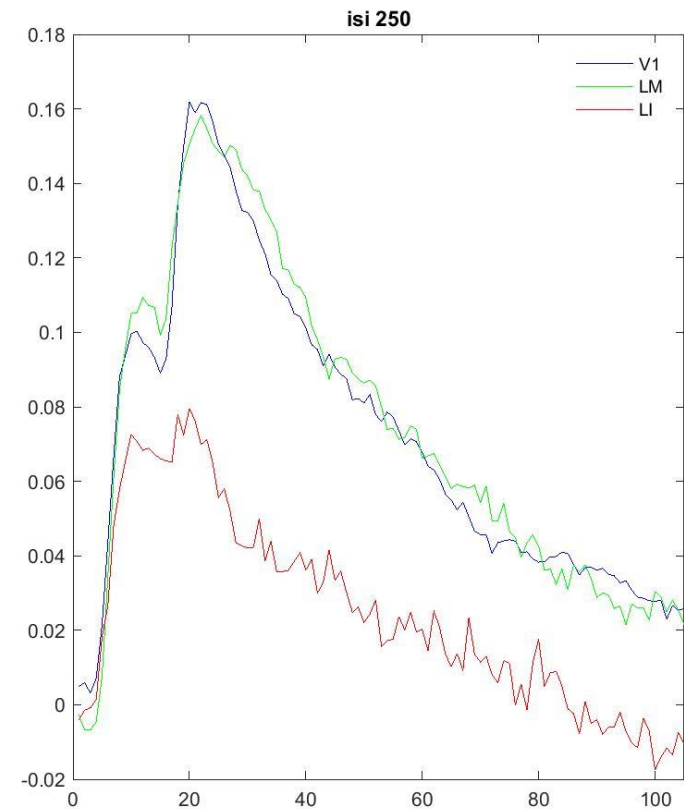
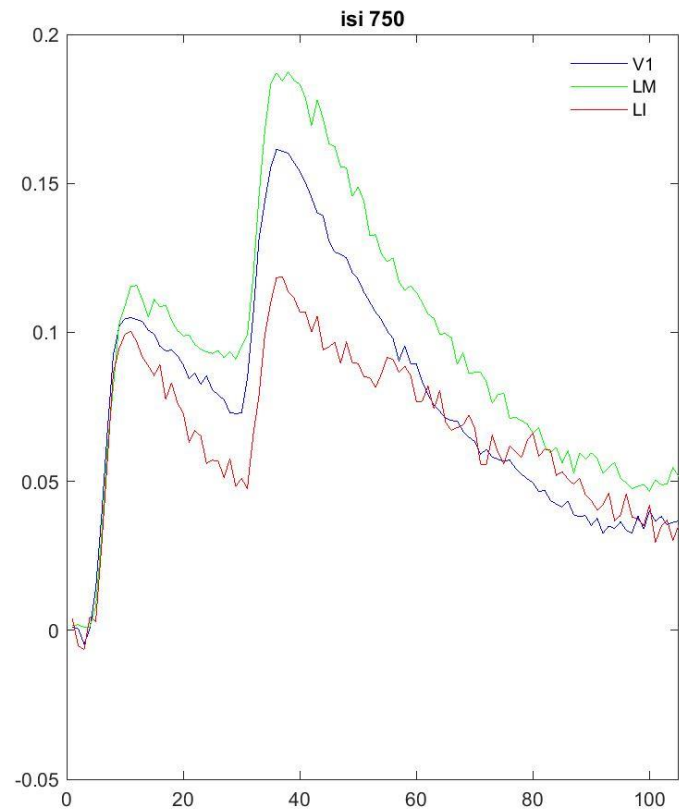
# Adaptation index across areas



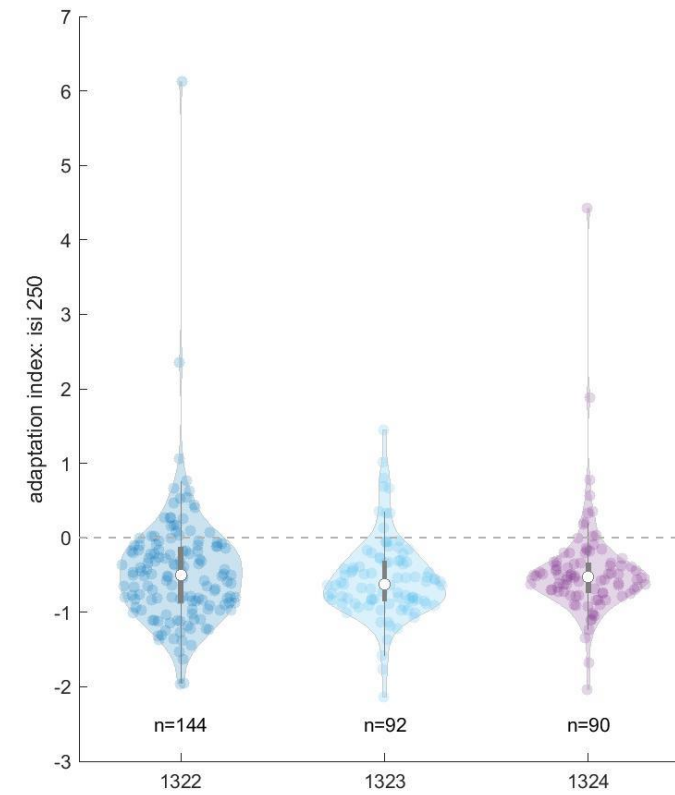
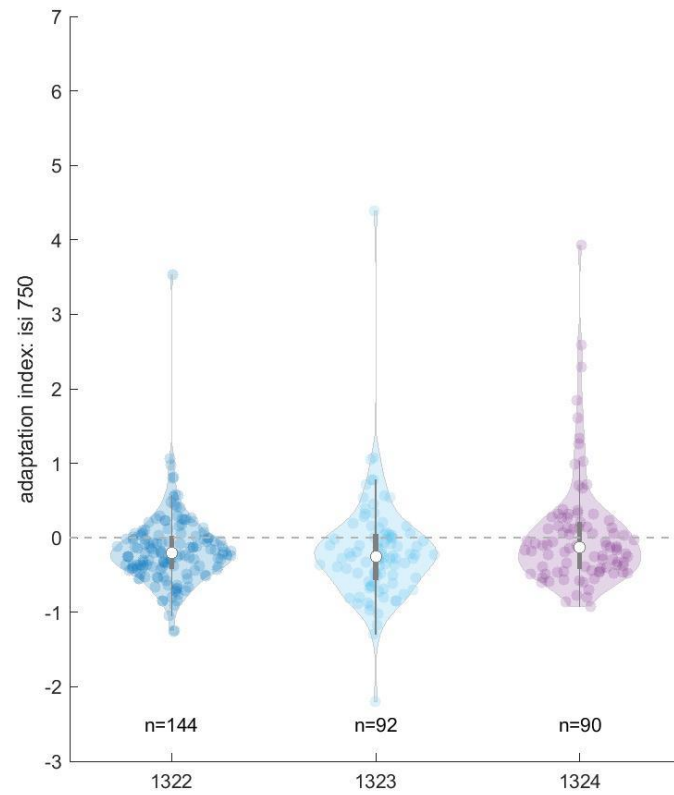
# Adaptation index across areas



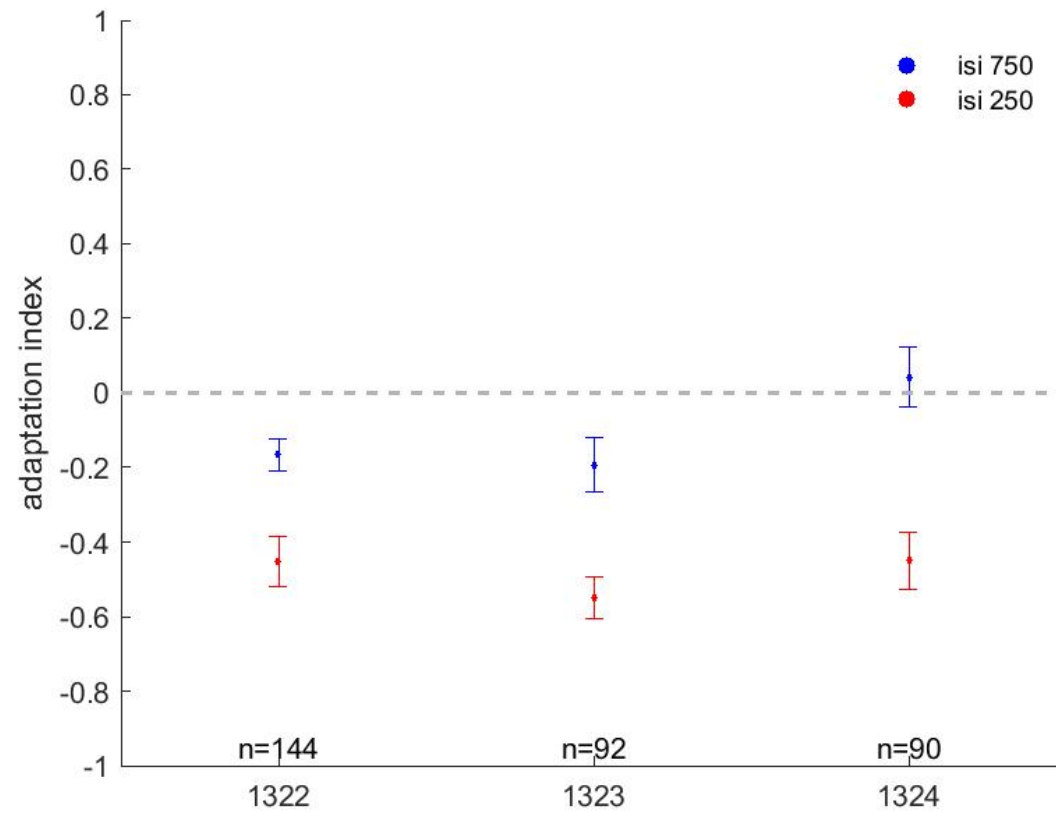
# Trace of trials average across areas



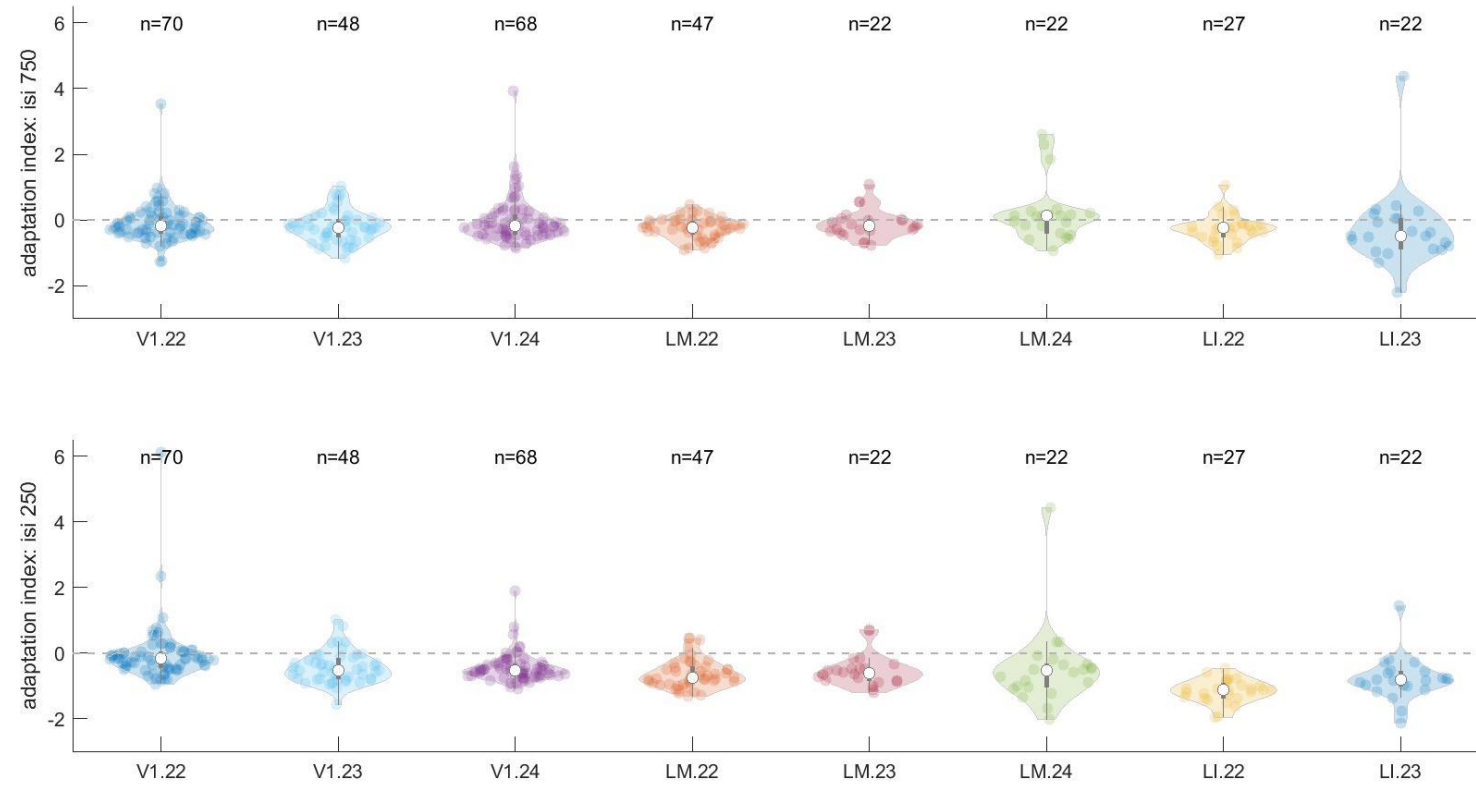
# Adaptation index across mice



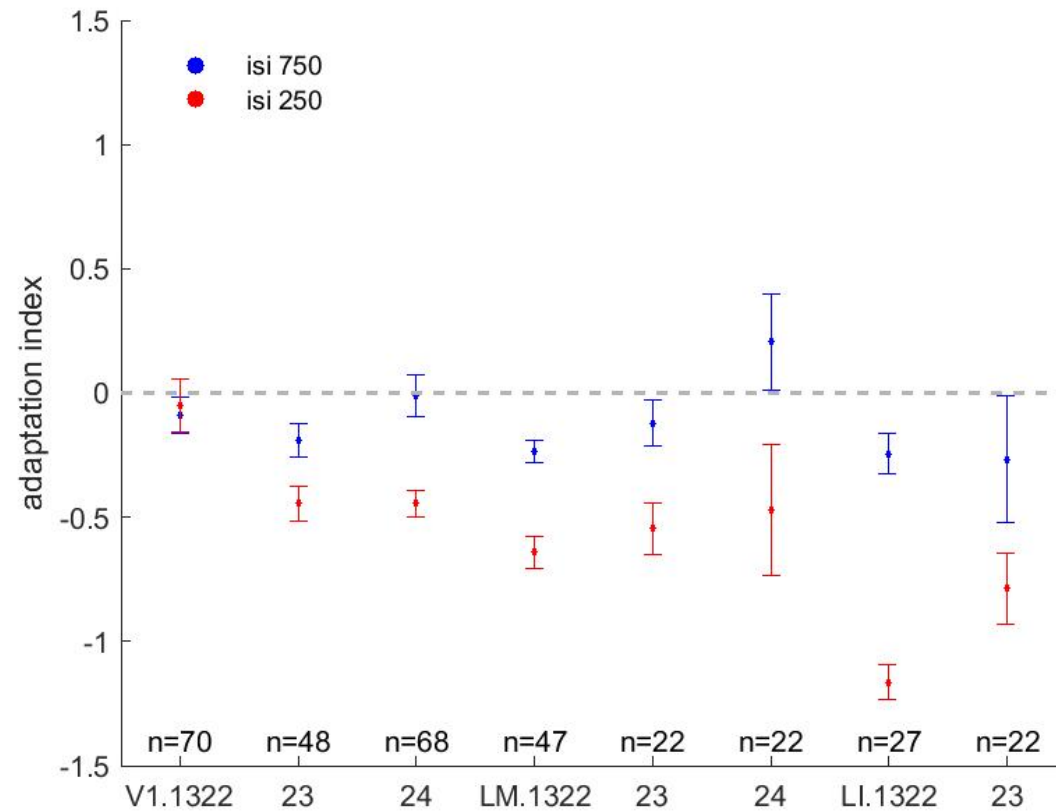
# Adaptation index across mice



# Adaptation index across areas & mice



# Adaptation index across areas & mice





# Three-way ANOVA

Analysis of Variance					
Source	Sum Sq.	d.f.	Mean Sq.	F	Prob>F
# area	1.034	1	1.0338	2.44	0.1188
# mouse	0.012	1	0.0125	0.03	0.8637
isi	30.582	1	30.5816	72.17	0
# area*mouse	6.908	3	2.3025	5.43	0.0011
area*isi	8.437	2	4.2183	9.95	0.0001
mouse*isi	3.36	2	1.6802	3.96	0.0194
Error	270.786	639	0.4238		
Total	324.224	651			

Constrained (Type III) sums of squares. Terms marked with # are not full rank.

# Multiple comparison

