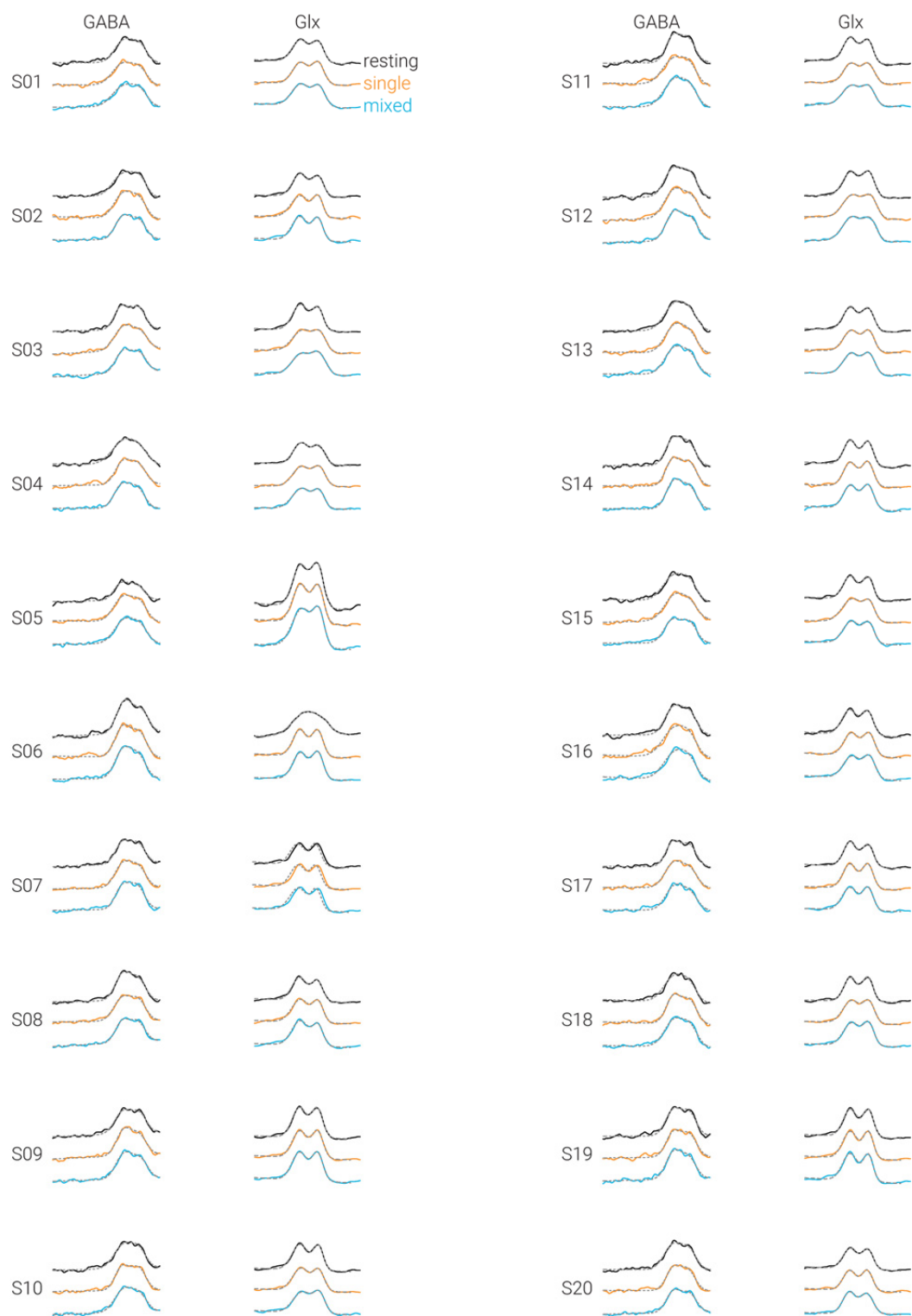


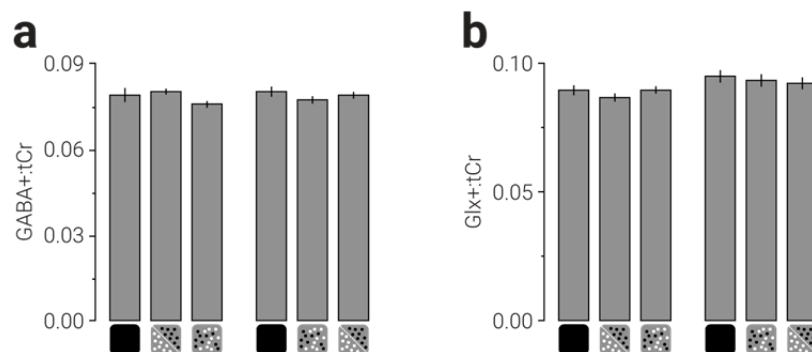
SUPPLEMENTARY MATERIAL



Supplementary Figure 1

GABA and Glx model fits

Individual spectra showing GABA and Glx peaks for all subjects, including model fits (grey dotted lines).



Supplementary Figure 2

GABA and Glx concentration split between condition order

Concentration of **(a)** GABA+ and **(b)** Glx, referenced to creatine, measured from a voxel targeting primary visual cortex while subjects were at rest, or viewed single- or mixed-polarity random-dot stereograms (RDS). Active viewing condition order was counterbalanced across subjects, these data show the group average for subjects who viewed single-polarity RDS first (left) or mixed-polarity RDS first (right). Error bars indicate s.e.m.