



Figure 8—figure supplement 2. Front-end adaptation followed by a LN model reproduces firing rate responses to Gaussian and naturalistic stimuli. (a-f) Model from stimulus to firing rate (see **Methods**) fit to Gaussian and naturalistic stimuli. (a) Model responses vs. projected stimulus with increasing mean stimulus (cf. **Fig. 3**). (b) Model gain vs. mean stimulus. Red line is the Weber-Fechner prediction ($\Delta R/\Delta S \sim 1/S$). (c) Firing rate gain vs. model gain. (d) Firing rate and model responses to naturalistic stimulus. (e) The model reproduces variation in the firing rate responses to similar-sized whiffs (cf. **Fig 2**). (f) Firing rate responses vs. model responses for every whiff in the naturalistic stimulus.

References

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