**Two spot increment and decrement summation as a function of spot separation**

**Addendum 2**

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This addendum was posted after completion of the originally planned dataset, and specifies a follow up measurement.

For Subject 11002, the data for the second session indicated very high thresholds, and were inconsistent with the data for the first session for that subject and with the data for the other subjects. An example psychometric function illustrating a large difference across sessions is shown below. This difference was not seen for all conditions, but in enough to make the data problematic, particularly since we are constraining this slope of the psychometric function within session (see preregistration document posted for this experiment.)

We do not know the cause of the high thresholds, although the subject reported seeing very few stimuli during the course of the experiment. One conjecture is that the focus drifted during the experiment, for unknown reasons.

We will recollect the second session of data for Subject 11002, and discard the original second session data. We have also revised our protocol to include a set of subjective focus measurements, in which the subject will judge the sharpness of a grating stimulus across a range of focus choices. We will compare these with the originally implemented objective method of obtaining best focus, and use the comparison to guide future experiments.

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