Supplemental Material for Evaluating 'Graphical Perception' with CNNs

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This material contains several plots accompanying the main manuscript.

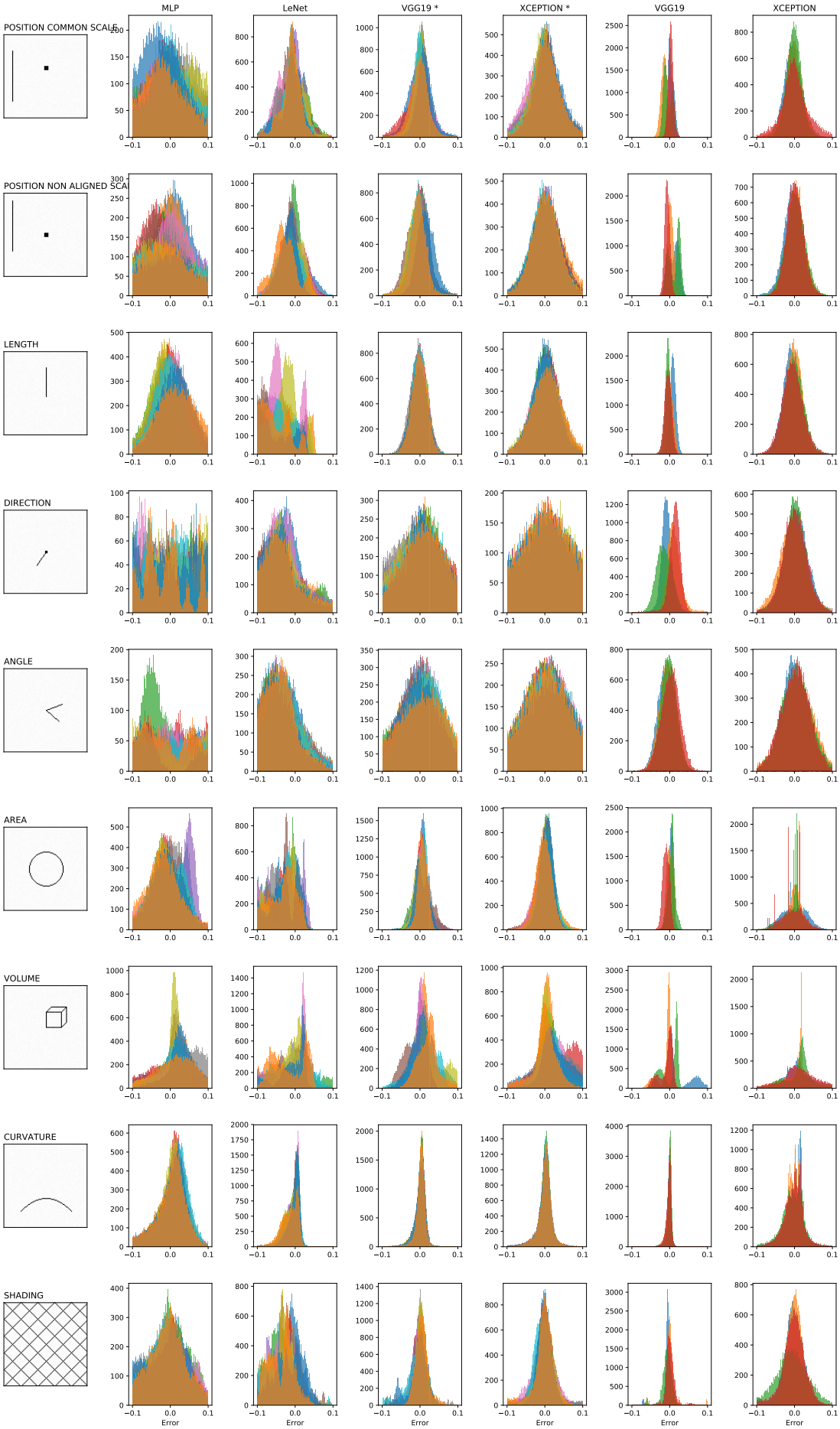

Fig. 1: **Error Distributions.** Error distributions of our networks when decoding elementary perceptual tasks.

Fig. 2: **Cross-Network Validation.** Our networks fail when the stimuli is translated.

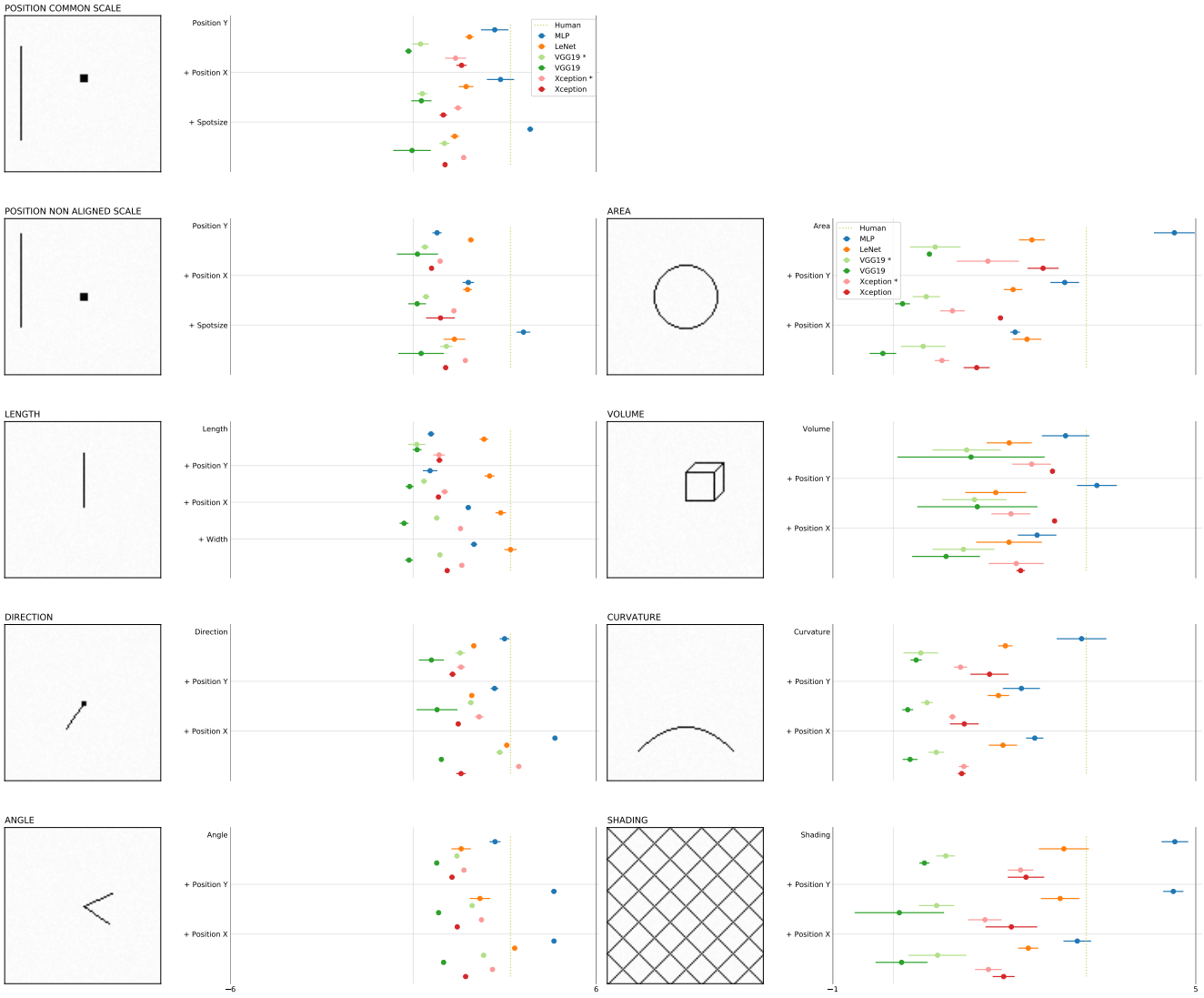

Fig. 3: **Cross-Network Validation.** Our networks fail when the stimuli is translated.

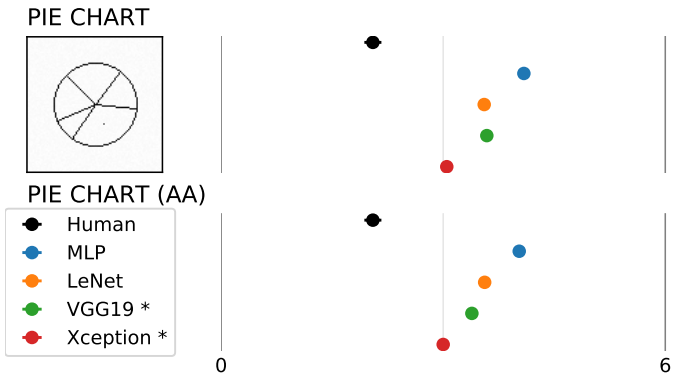

Fig. 4: **Anti-Aliasing.** We test whether anti-aliasing effects the performance of our networks on pie charts by measuring MLAE. The difference is not statistically significant ($F(1,30) = 0.341, p > 0.5$).