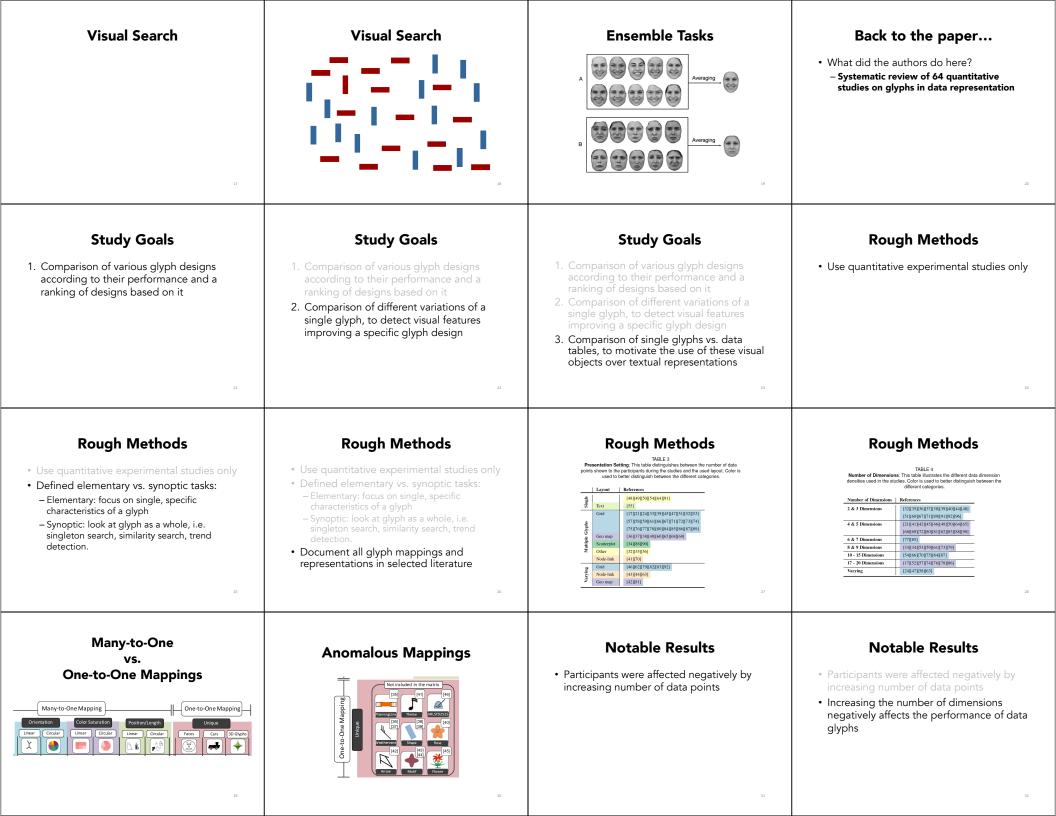
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Exploring Perceptual Measures • Use methods from Cognitive Science to evaluate visual perception of various glyphs and visualization idioms: • Psychophysical measures like Steven's Power faw and Weber's Law show magnitudes of sensory channels in visual encodings	Exploring Perceptual Measures • Use methods from Cognitive Science to evaluate visual perception of various glyphs and visualization idioms: • Psychophysical measures like Steven's Power Law and Weber's Law show magnitudes of sensory channels in visual encodings • Other behavioral tasks such as Visual Search or Ensemble Tasks (averaging) can reveal perceptual thresholds and performance descriptors for visualizations	Visual Search	Visual Search



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	<b>My thoughts</b> • The good ©	<ul> <li>My thoughts</li> <li>• The good ©</li> <li>• Someone needed to catalogue and systematically evaluate how glyphs are used in visualizations</li> </ul>	
My thoughts • The good © - Someone needed to catalogue and	My thoughts • The bad ®	My thoughts • The bad ®	My thoughts • The bad – The paper is perceptually misleading, missing
<ul> <li>a bothe freedot to catalogue and systematically evaluate how glyphs are used in visualizations</li> <li>The original research questions are really important</li> <li>This work lays a solid framework to promote future studies about tasks and data dimension density subsets, in particular</li> </ul>	2	<ul> <li>The paper is perceptually misleading, missing many definitions and clarifications about the validity of the reviewed tasks and data</li> </ul>	<ul> <li>many definitions and clarifications about the validity of the reviewed tasks and data</li> <li>For instance, most visualizations were created with synthetic/convenient data</li> </ul>