

Übung zur Vorlesung

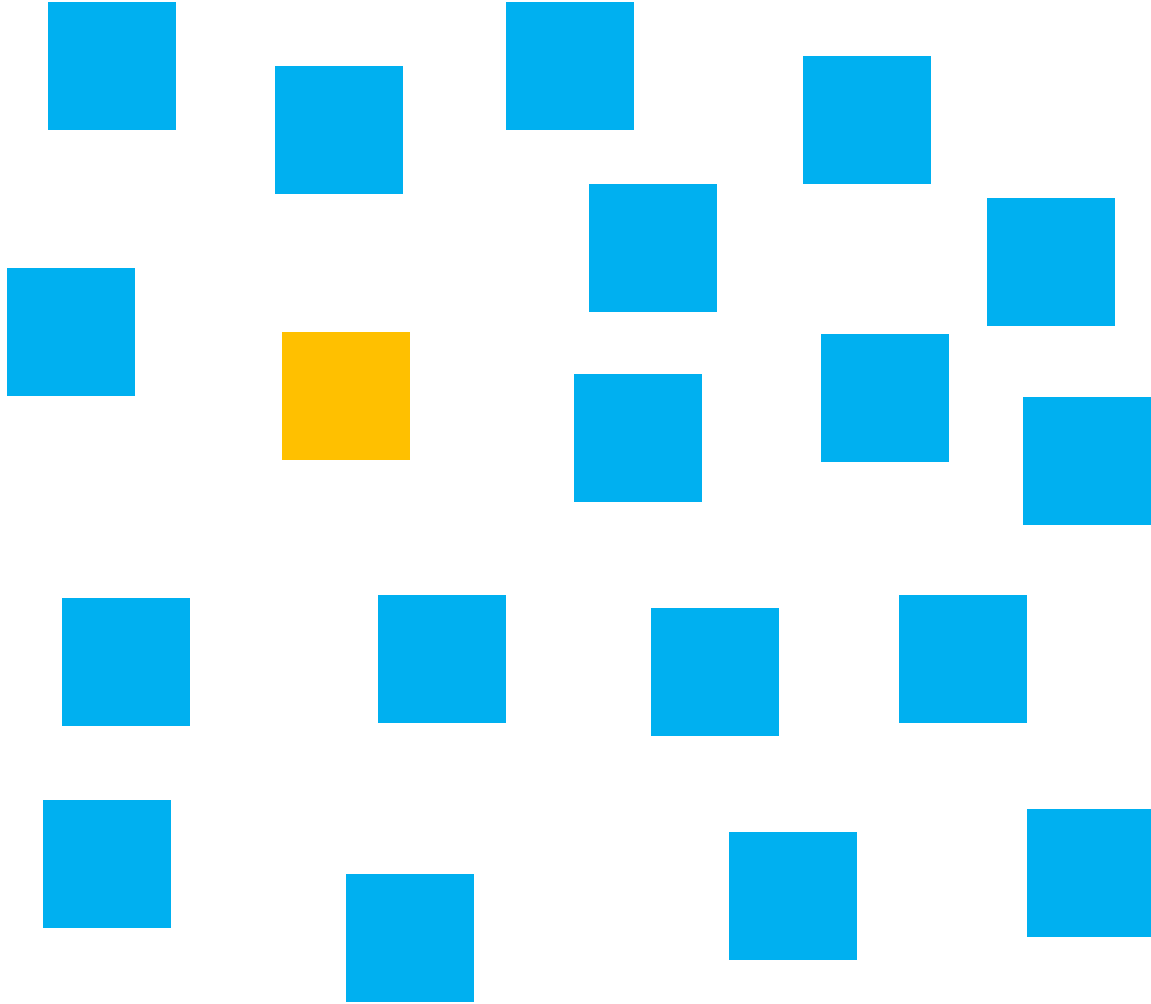
Informationsvisualisierung

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Wintersemester 2011/2012

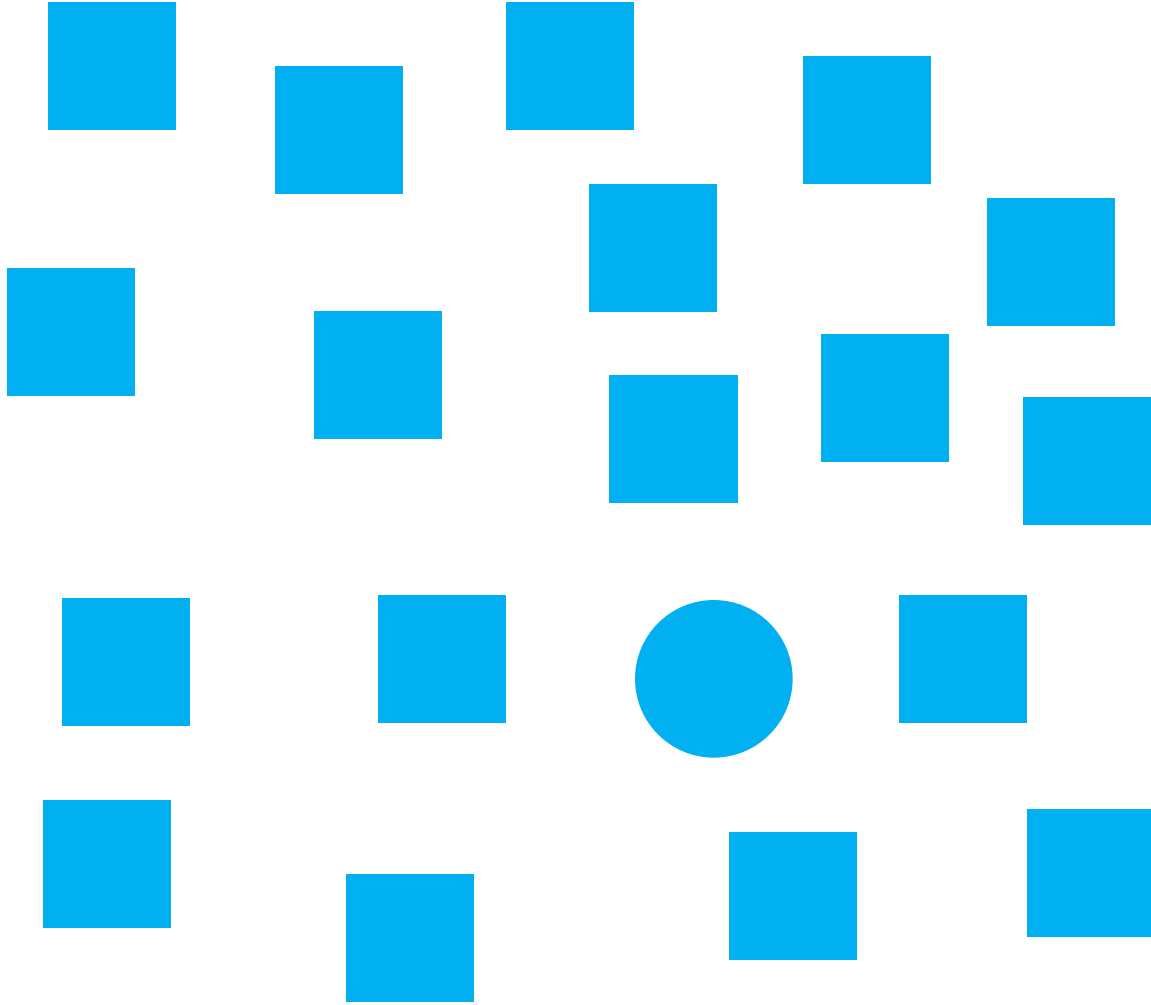
Preattentive Perception

200 – 250 ms

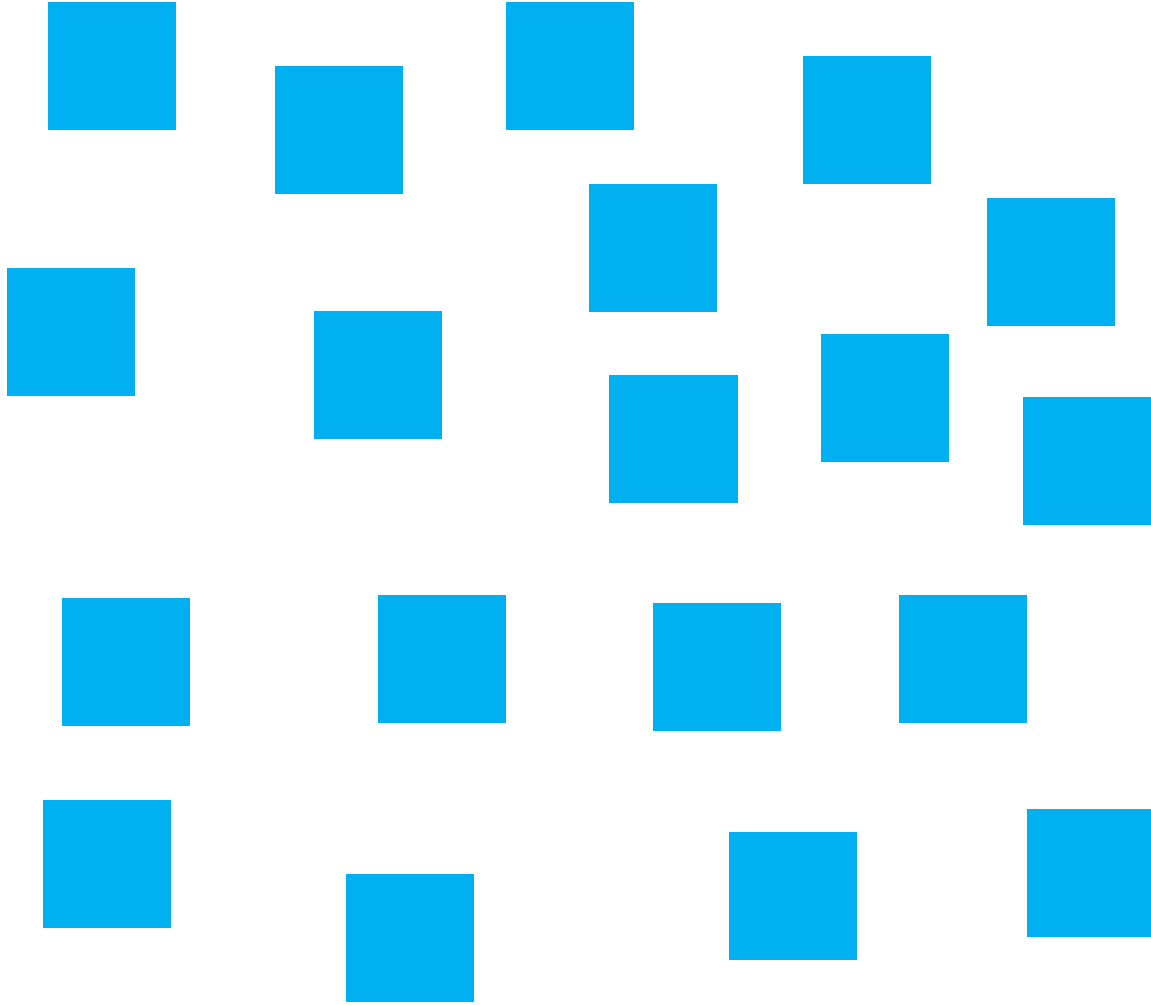
Color pops out



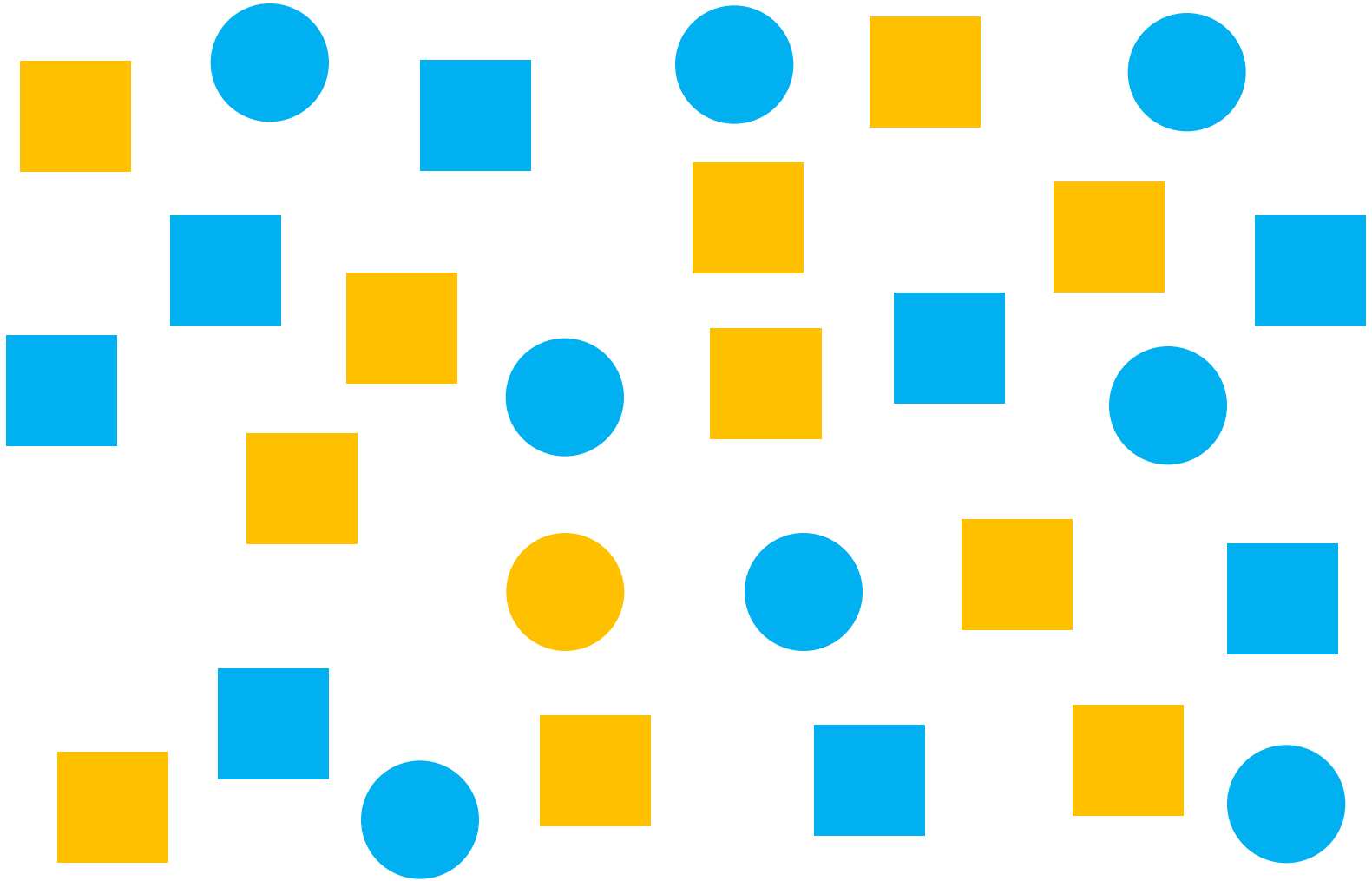
Shape pops out



Flicker pops out



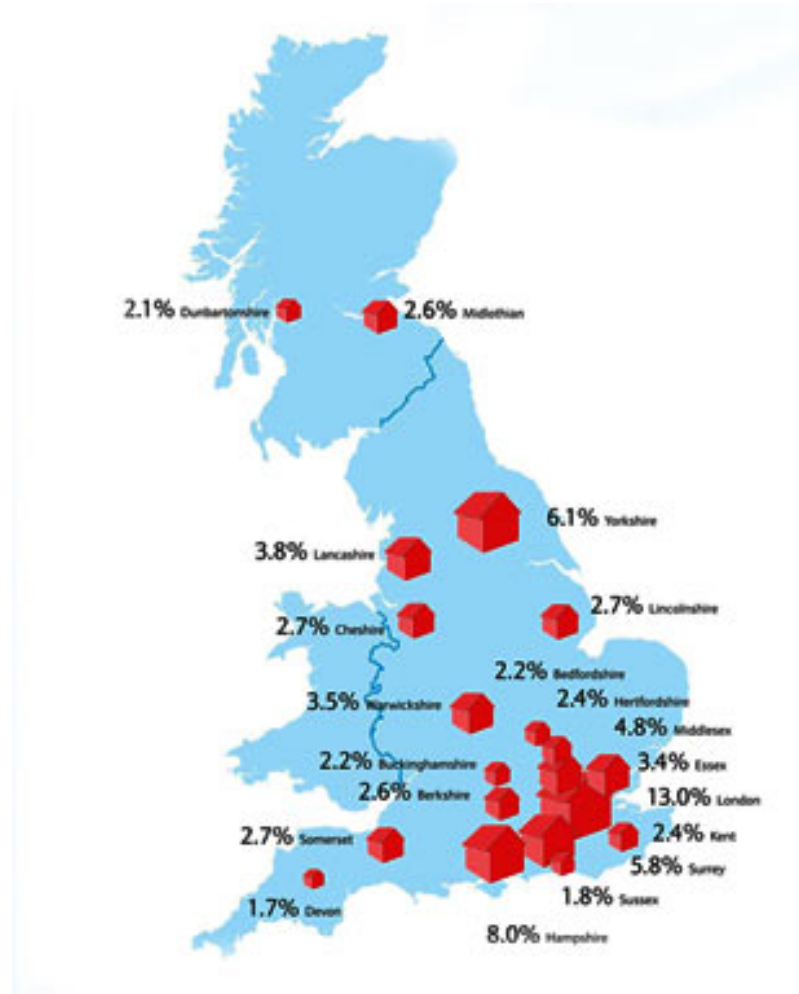
Conjunction does not pop out



**How to design for
preattentive perception?**

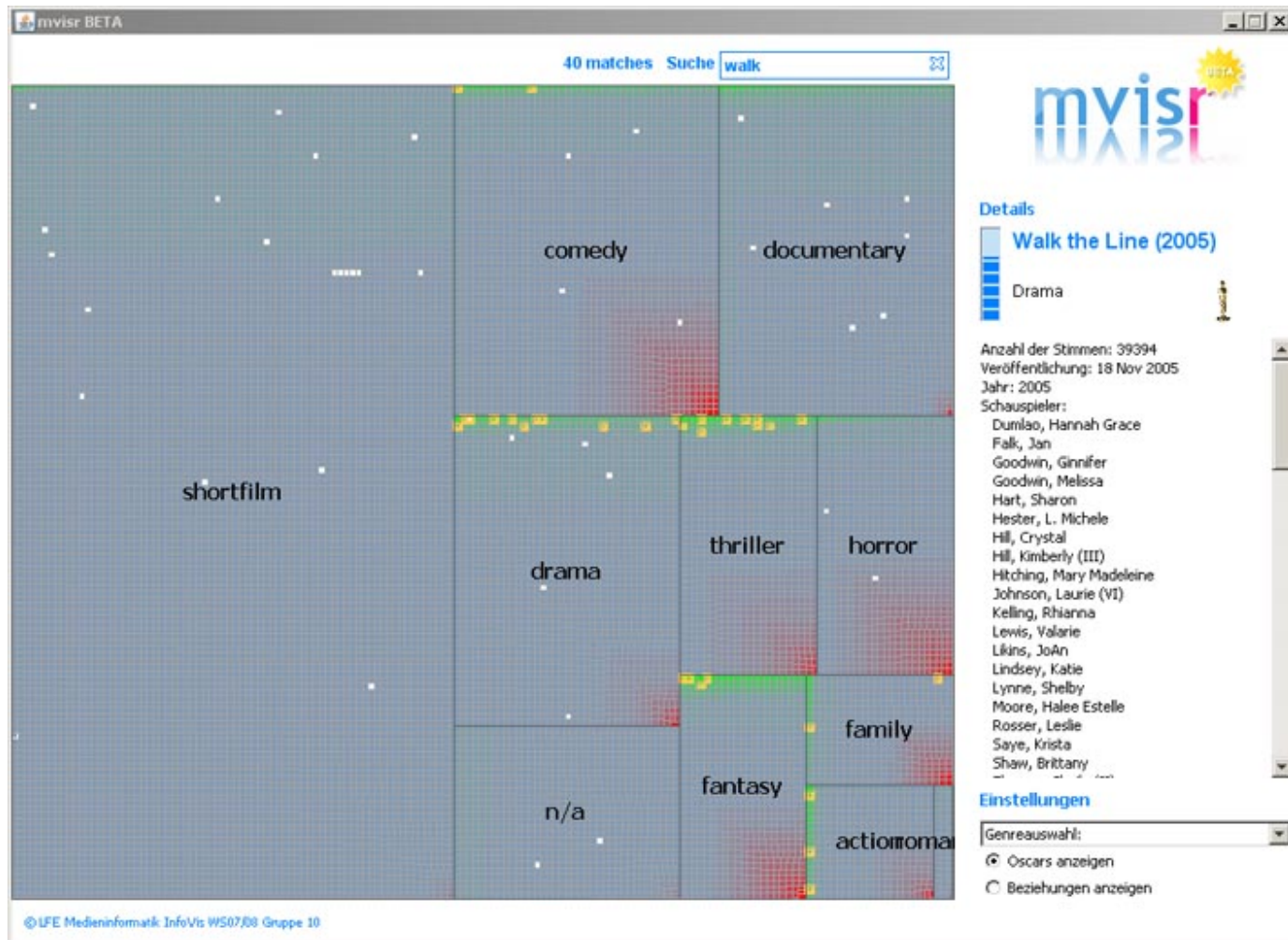
Examples

Wealth distribution in the UK

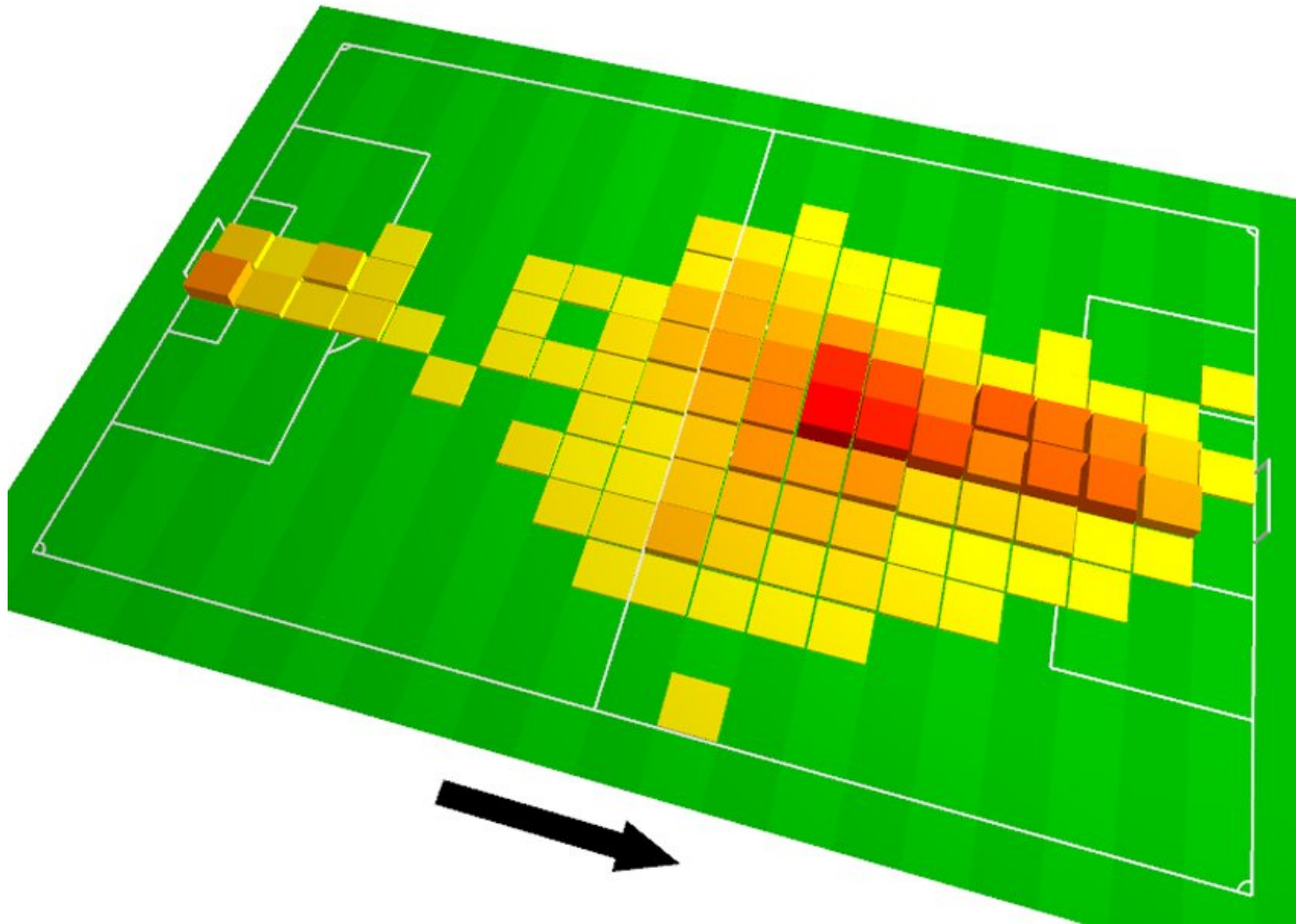


Examples

Movie Visualization

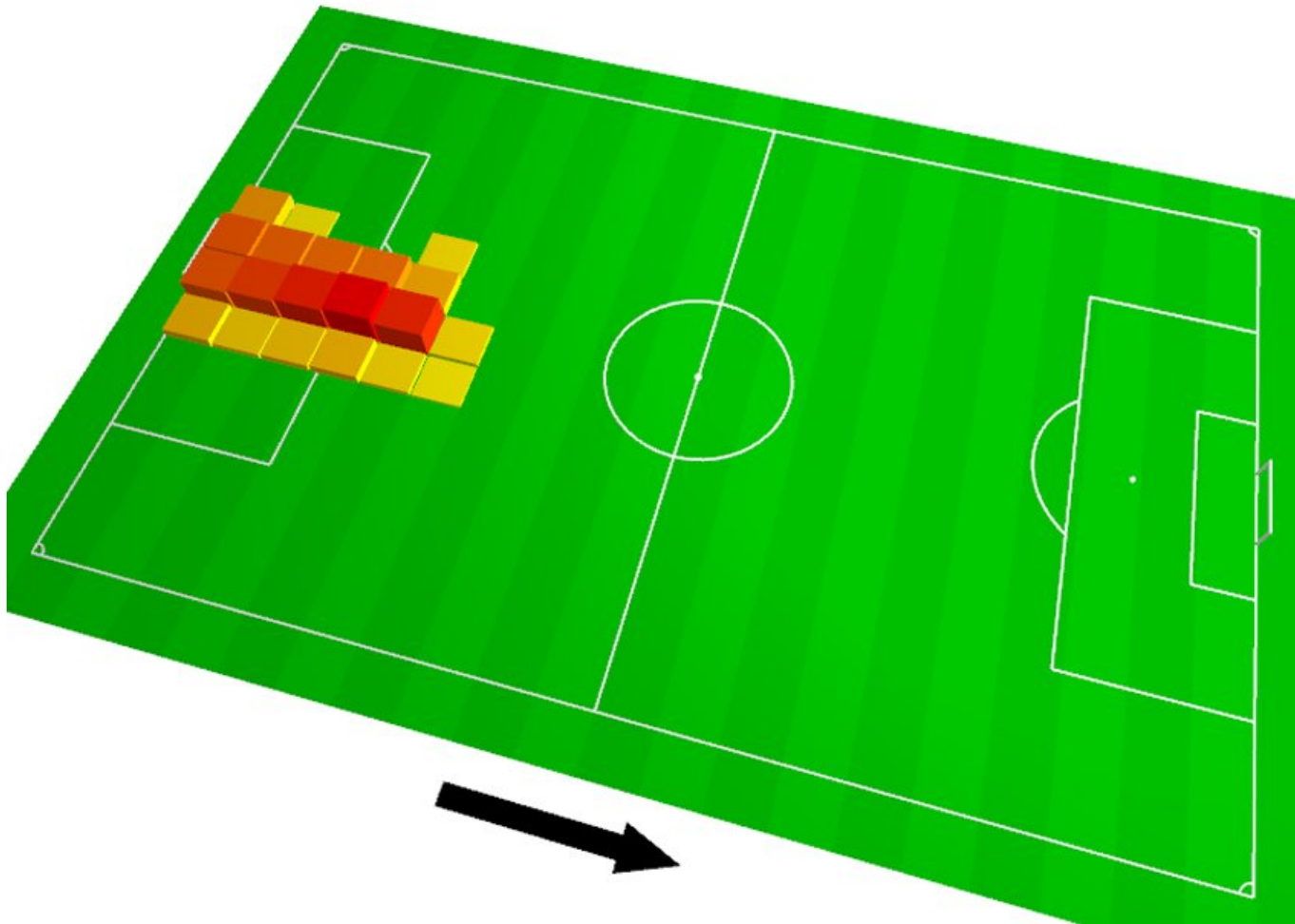


Visualization and Perception



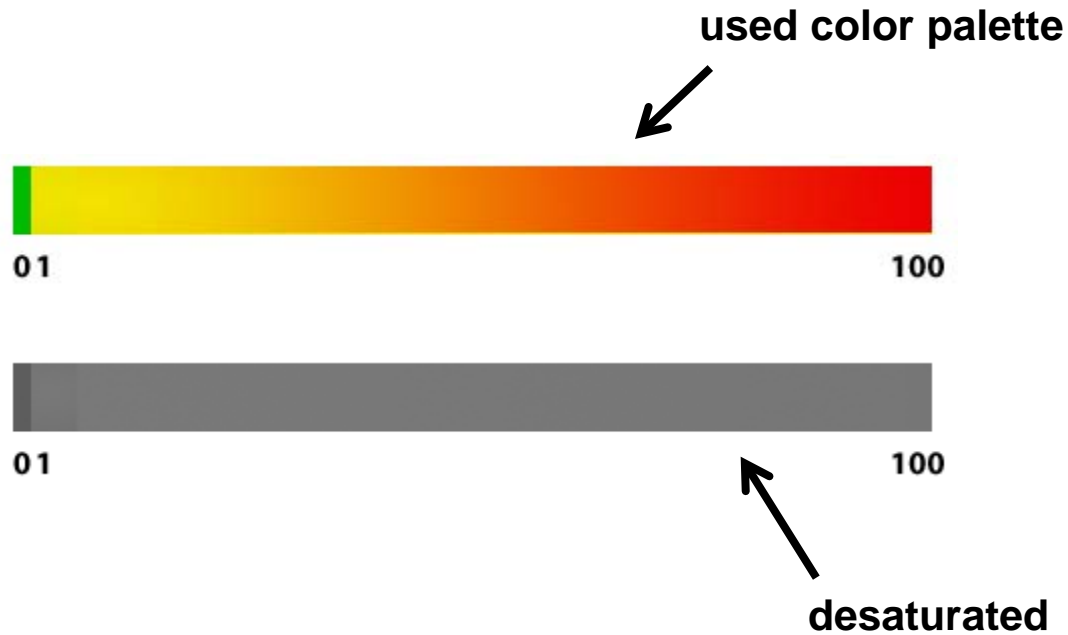
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Visualization and Perception

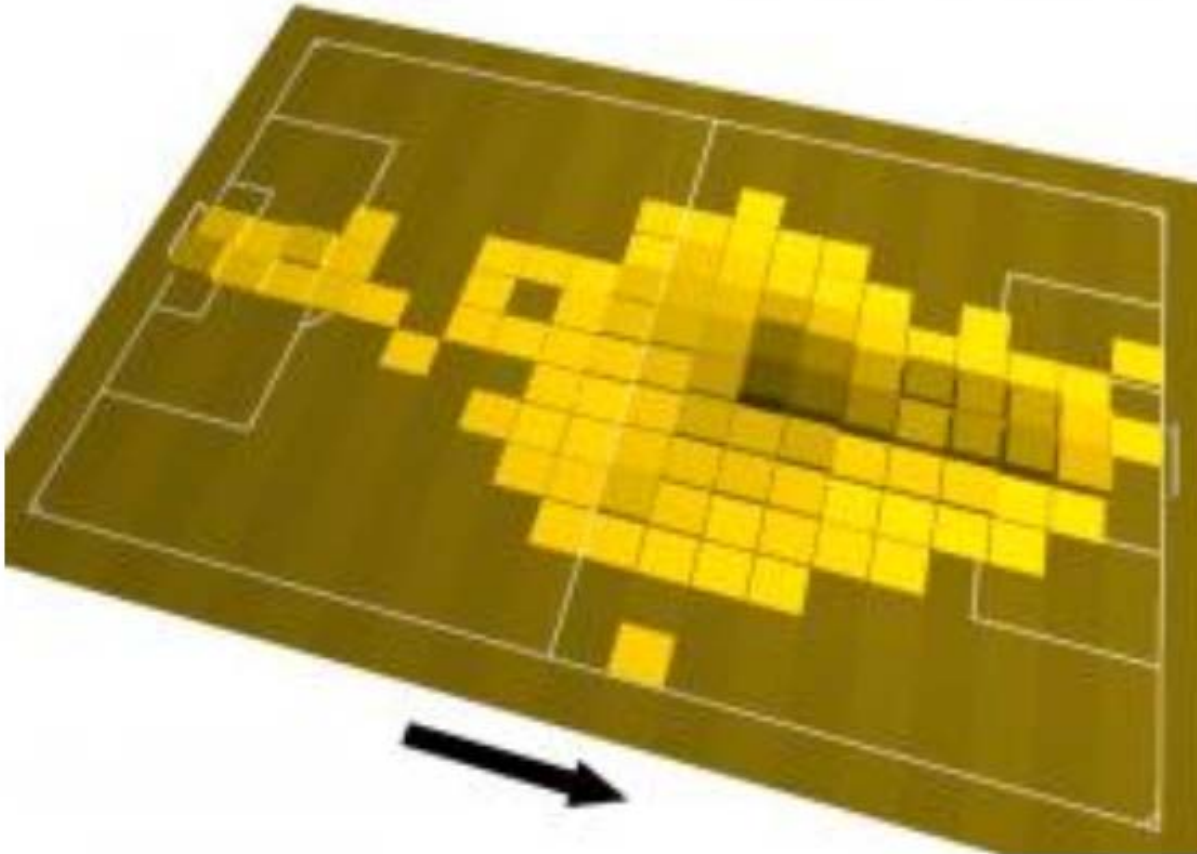


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Visualization and Perception



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as perceived by a red-green color blind
(<http://www.etre.com/tools/colourblindsimulator/>)