

Evidence for a number sense

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Thursday, 16 October 2014 08:42 - Last Updated Monday, 04 September 2017 10:46

New Commentary in Behavioral and Brain Science

Congratulations to [David](#) , whose latest paper has just been published in Behavioral and Brain Science!

Burr, D. C. (2017). Evidence for a number sense, Behavioral and Brain Sciences, (40), 18-19. [PDF](#)

Numerosity is inherently confounded by related stimulus attributes such as density and area, and many studies have reported interactions of various strengths between area, density, and numerosity. However, direct measurements of sensitivity within the area-density-numerosity space show that numerosity emerges as the most spontaneous and sensitive dimension, strongly supporting the existence of a dedicated number sense.

