

## Dan Johnson's Research

**Computational approaches to assessing originality that I have developed including using large language models (AI) and machine learning to measure originality and creativity in numerous creativity tasks including creative problem-solving in design, creative writing, everyday problem-solving, and creative uses for common objects.**

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**Johnson, D. R.**, & Beaty, R. E. (2025). Semantic measures of creativity. *International Encyclopedia of Language and Linguistics*, 3<sup>rd</sup> Edition. Elsevier.

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\*\*Sullivan, G. F., Taylor, C. L., Ward, T., & Beaty, R. E. (2022). Divergent semantic integration (DSI):

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