
Linguistic and Cognitive Building Blocks of Lie Detection: The Detective Game

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Abstract

This study investigates the linguistic cues adults rely on when asked to identify written inaccurate statements and whether this detection ability is related to having autism spectrum traits. Untruthful statements contain *semantic leakage* while baseline statements do not and both conditions are counterbalanced. There are two linguistic cues manipulated in the statements overall: i) use of first-person pronouns ii) use of mental state verbs (e.g., think, feel, guess, etc.). Autism spectrum traits will be assessed through Autism Spectrum Quotient.

Keywords: lie detection, theory of mind, autism spectrum, semantic leakage

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