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Cognition and Emotion ›
Volume 24, 2010 - Issue 8

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Presentation and validation of the Radboud Faces Database

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Abstract

Many research fields concerned with the processing of information contained in human
faces wo... ...ristics are
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expression, attractiveness, and valence. The results show very high recognition of the intended facial expressions.

Acknowledgements

Notes

[1]Here we report the intraclass correlations ICC(1, 1) and ICC(1, k) as reliability indices (Shrout & Fleiss, 1979). Due to the fact that our participants did not rate the whole image set but only parts, we could not calculate the usually higher indices ICC(2, 1) and ICC(2, k) that partial between-rater variance out. Therefore, our reliability indices are probably lower than the real reliability.

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Within-person variability in men's facial width-to-height ratio.
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Preliminary Evidence that the Limbal Ring Influences Facial Attractiveness
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The relationship among expressions, labels, and descriptions of contempt.
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Common and unique representations in pfc for face and place attractiveness
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A Scent of Anxiety: Olfactory Context Conditioning and its Influence on Social Cues.

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The Rules of Implicit Evaluation by Race, Religion, and Age

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Neural responses to facial expressions support the role of the amygdala in processing threat

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Multiracial Children's and Adults' Categorizations of Multiracial Individuals

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Arousing emoticons edit stream/bounce perception of objects moving past each other

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The effect of facial expression on contrast sensitivity: a behavioural investigation and extension of Hedger, Garner, & Adams (2015).

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Hierarchical Brain Network for Face and Voice Integration of Emotion Expression

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The Other-Race and Other-Species Effect during a Sex Categorization Task: An Eye Tracker Study.

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Talker specificity and the perception of grammatical variation

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Investigating the other-race effect in working memory.

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Body actions change the appearance of facial expressions.

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