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Emotions at our fingertips: Grip force signatures of emotional information processing

**Valence & side**  
Casasanto (2009)

**Arousal & side**  
Holmes et al. (2019)

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**200 ms**

Vocal response

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Intensity - <math>t</math> Median		Intensity - <math>+</math> Median	
State - <math>1</math> - Median	State - <math>1</math> - Median	State - <math>1</math> - Median	State - <math>1</math> - Median
$d = 0.3825$ $p = .001$	$d = 0.368$ $p = .024$	$d = -1.106$ $p = .004$	$d = -1.842$ $p = .000$

MA-Emotion

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- ❖ Our findings favor the magnitude account (association between force and arousal)
- ❖ Moderating impact of participant's initial emotional state on the processing of emotional stimuli.
- ❖ Horizontal valence-space associations found in previous studies (Casasanto, 2009) might result from explicit lateralized responses.

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