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# A discrete emotions approach to positive emotion disturbance in depression

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#### **Abstract**

Converging findings suggest that depressed individuals exhibit disturbances in positive emotion. No study, however, has ascertained which specific positive emotions are implicated in depression. We report two studies that compare how depressive symptoms relate to distinct positive emotions at both trait and state levels of assessment. In Study 1 (N=185), we examined associations between depressive

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## Notes

<sup>1</sup>The DPES scale contains several other scales to measure distinct positive emotions, including compassion, awe, contentment, and love. We did not include them in the present study for two reasons. First, there was not a sufficient literature base upon which to generate a priori hypotheses beyond the three target emotions. We focused on only those scales for which we had a priori hypotheses so as to decrease the likelihood of a Type I error. Second, we wanted the DPES trait emotions to parallel the three state positive emotions elicited by our films in Study 2.

<sup>2</sup>Although we coded facial expressions of sadness, fear, anger, happiness, and amusement using previously published standards (Gruber et al., 2008), the base rate of facial expressions was too low to meaningfully analyse group differences in the present study.

<sup>3</sup>Baseline differences in emotional responses during the neutral film between DS and NDS participants were examined using a series of univariate ANOVAs. The DS group reported greater anxiety (M=2.37, SD=0.99) relative to the NDS group (M=1.74,

SD = 0.84erg et al., About Cookies On This Site 2007, fo ine RSA Accept All We and our partners use cookies to enhance your website levels co ences for experience, learn how our site is used, offer personalised the other Essential Onl features, measure the effectiveness of our services, and tailor content and ads to your interests while you navigate on the web or interact with us across devices. You can /ariables Settings choose to accept all of these cookies or only essential cookies. To learn more or manage your preferences, click across S "Settings". For further information about the data we collect distribut s did not from you, please see our Privacy Policy substan

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