

## The International Affective Picture System: A Validation Study for Young Adults in Taiwan

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The International Affective Picture System (IAPS) was developed by the National Institute of Mental Health (NIMH), US, to provide a large set of standardized, emotionally evocative, and internationally accessible photographs for research use. The aim of the present study was to investigate the utility of the IAPS for young adults in Taiwan. Ninety one participants rated 300 pictures selected from the IAPS with 9-point scale of Self-Assessment Manikin in terms of pleasure, arousal, and dominance respectively. Thirty eight participants rated the 300 pictures twice in a two-week interval. Another 23 participants decided on the category of each picture according to its contents. Results showed that the IAPS had good internal consistency and acceptable test-retest reliability. A significant quadratic relationship between pleasure and arousal was obtained for these 300 pictures. Additionally, the eighteen different content categories obtained in this study closely represented the pleasure-arousal dimension affective space. Comparing with the IAPS standardized sample, the results of this study possessed both larger positive bias and negative bias and in-group advantage for some IAPS pictures with human faces, and there was a lack of pictures in any content category in the middle range of the affective space. In conclusion, the IAPS may be used for young Taiwanese adults with local norms and content categories. It is recommended that the IAPS should be validated with their content categories and norm for pictures not used in this study in future.

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