

Name of Measure: Chapman Scales (Chapman, Chapman, & Roulin, 1976)

Purpose of Measure: To assess number of psychotic indicators

Author(s) of Abstract:

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Reference: Chmielewski, P. M., Fernandes, L. O., Yee, C. M., & Miller, G. A. (1995). Ethnicity and gender in scales of psychosis proneness and mood disorders. *Journal of Abnormal Psychology*, 104(3), 464-470.

Description of measure: The Chapman Scales are a series of 4 scales that assess aspects of psychotic symptoms: physical and social anhedonia, perceptual aberration, and magical ideation. The trait descriptive items across all scales are presented in a true-false format. Clinically relevant scores are those that fall two standard deviations or more above the mean score of their same-gender cohort.

- The Revised Physical Anhedonia Scale (Chapman & Chapman, 1978) (61 items) assesses a self-reported deficit in the ability to experience pleasure from typically pleasurable physical stimuli such as food, sex, and settings e.g., “Beautiful scenery has been a great delight to me.”).
- The Revised Social Anhedonia Scale (Eckblad et al., 1982) (40 items) assesses deficits in the ability to experience pleasure from non physical stimuli such as other people, talking, exchanging expressions of feelings (e.g., “A car ride is much more enjoyable if someone is with me.”).
- The Perceptual Aberration Scale (35 items; Chapman et al., 1978) assesses psychotic-like experiences such as bodily discontinuities and unusual scenery experiences (e.g., “I have felt that something outside my body was a part of my body”).
- The Magical Ideation Eckblad & Chapman, 1983) Scale (30 items) assesses erroneous beliefs that are based in magical thinking (e.g., “I have occasionally had the silly feeling that a TV or radio broadcaster knew I was listening to him.”).

Language availability: English

Translation comments: Not applicable.

Description of Asian population: Data are available for a total of 7,691 undergraduate students participated in the research. Students identified as White (84%), Black (7%), Asian (6%), or Hispanic (3%). The modal age was 18 years across all groups.

Norms:

Means and Standard Deviations for Chapman Scales by Race and Gender

	Chapman Scales			
	Physical Anhedonia	Social Anhedonia	Perceptual Aberration	Magical Ideation
White (n=6490)				
M	10.82	7.15	6.60	9.20
SD	6.44	5.13	6.04	5.80
Women (n=3378)				
M	8.82	5.97	6.57	9.30
SD	5.25	4.34	5.86	5.83
Men (n=3112)				
M	12.99	8.44	6.64	9.09
SD	6.90	5.59	6.23	5.76
Black (n=510)				
M	15.03	8.99	7.31	10.15
SD	6.72	5.12	5.64	5.26
Women (n=333)				
M	14.64	8.76	7.16	10.06
SD	6.53	4.96	5.58	5.10
Men (n=177)				
M	15.75	9.42	7.59	10.32
SD	7.03	5.40	5.75	5.55
Asian (n=491)				
M	12.43	7.84	7.76	10.48
SD	6.64	4.85	6.05	5.39
Women (n=232)				
M	10.77	7.47	8.20	10.72
SD	6.07	4.60	5.92	5.15
Men (n=259)				
M	13.91	8.17	7.36	10.27
SD	6.78	5.06	6.14	5.60
Hispanic (n=200)				
M	12.15	8.18	7.32	10.28
SD	6.45	5.52	5.19	5.12
Women (n=100)				
M	10.01	6.57	7.15	10.73
SD	5.79	4.94	4.78	4.94
Men (n=100)				
M	14.29	9.80	7.49	9.83
SD	6.98	5.62	5.59	5.27

A significant race/ethnicity main effect was found on all sub-scales ($p < .001$). Whites scored lower than all other groups. Significant gender main effects were found on the physical and social anhedonia sub-scales only ($p < .001$). There were significant race/ethnicity x gender interactions ($p < .001$) on both anhedonia sub-scales. The rank order of the race/ethnic groups was different for men and women. A higher number of non-White respondents fell above the clinical cutoff point than White respondents on all sub-scales except among women on the Magical Ideation sub-scale.

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Reliability: Assessed in earlier reports

Validity: Assessed in earlier reports

Original reference: Chapman, L. J., Chapman, J. P., & Raulin, M. L. (1976). Scales for physical and social anhedonia. *Journal of Abnormal Psychology, 87*, 374-407.

Eckblad, M. L., Chapman, L. J., Chapman, J. P., & Mishlove, M. (1982). *The revised social anhedonia scales*. (Available from L. J. Chapman, Department of Psychology, 1202 West Johnson Street, University of Wisconsin, Madison, WI 53706

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Chapman, L. J., & Chapman, J. P. (1978). *Revised physical anhedonia scale* (Available from L. J. Chapman, Department of Psychology, 1202 West Johnson Street, University of Wisconsin, Madison, WI 53706

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Eckblad, M., & Chapman, L. J. (1983). Magical ideation as an indicator of schizotypy. *Journal of Consulting and Clinical Psychology, 51*, 215-225.

How to get a copy of instrument:

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