The association of Internet addiction symptoms with impulsiveness, loneliness, novelty seeking and behavioral inhibition system among adults with attention-deficit/hyperactivity disorder (ADHD)

Wendi Li, Wei Zhang, Lin Xiao1, Jia Nie

Psychiatry Research, 2016
DOI: http://dx.doi.org/10.1016/j.psychres.2016.02.020

Abstract
The aims of this study were to test the associations of the Internet addiction symptoms with impulsiveness, loneliness, novelty seeking and behavioral inhibition systems among adults with attention-deficit/hyperactivity disorder (ADHD) and adults with non-ADHD. A total of 146 adults aged between 19 and 33 years involved in this study. Participants were assessed with the Chinese version of the adult ADHD Self-report scale (ASRS), the Revised Chen Internet Addiction Scale (CIAS-R), the Barratt Impulsiveness Scale 11 (BIS−11), the Tridimensional Personality Questionnaire (TPQ), the UCLA loneliness scale, and the Behavioral Inhibition System and Behavioral Activation System Scale (BIS/BAS Scale). The results of hierarchical regression analysis indicated that impulsiveness, loneliness, and behavioral inhibition system were significant predictors of Internet addition among adults with ADHD. Higher loneliness was significantly associated with more severe Internet addition symptoms among the non-ADHD group. Adults with high impulsiveness, loneliness, and BIS should be treated with caution for preventing Internet addiction. In addition, adults with and without ADHD should be provided with different preventative strategies.