

UC Merced

Proceedings of the Annual Meeting of the Cognitive Science Society

Title

Executive Functioning skills in young Mexicans with Down syndrome during the COVID-19 Pandemic

Permalink

<https://escholarship.org/uc/item/7hr6x3kp>

Journal

Proceedings of the Annual Meeting of the Cognitive Science Society, 45(45)

Authors

Barrón-Martínez, Julia B.
Salvador-Cruz, Judith

Publication Date

2023

Peer reviewed

Executive Functioning skills in young Mexicans with Down syndrome during the COVID-19 Pandemic

Julia B. Barrón-Martínez

National Autonomous University of Mexico, Mexico, Mexico

Judith Salvador-Cruz

National Autonomous University of Mexico, Mexico, Mexico

Abstract

The main goal of this study was to explore this adaptation of a group of Mexican people with DS aged 12-30 years during the COVID-19 pandemic. We analyze the relationships among eight domains of executive function and mental and chronological age. The participants were 50 people with DS with a chronological age (CA) of 12-30 years and a mean mental age (MA) of 7 years. MA was evaluated with Raven's Progressive Matrices test and executive function with the Behavior Rating Inventory of Executive Function (BRIEF-2); both were administered online. The Monitor, Emotional Control, Initiative, and Organization of Materials scales showed strengths, while Working Memory, Plan/Organize, Shift, and Inhibit showed weaknesses. CA correlated negatively with seven of the eight executive domains, while MA correlated negatively with two. Participants' executive profile during the COVID-19 pandemic is consistent with that reported in previous research, and the findings are discussed in self-regulation process.