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Normative performance of healthy older individuals on the Modified Mini-Mental State (3MS) examination according to ethno-racial group, gender, age, and education level

Joanne Ryan^a, Robyn L. Woods^a, Carlene Britt^a, Anne M. Murray^{b,c}, Raj C. Shah^d, Christopher M. Reid^{a,e}, Brenda Kirpach^d, Rory S. Wolfe^a, Mark R. Nelson^{a,f}, Jessica E. Lockery^a, Suzanne G. Orchard^a, Ruth E. Trevaaks^a, John J. McNeill^a, Elsdon Storey^a
ASPREe Investigator Group^g

^aDepartment of Epidemiology and Preventive Medicine, Monash University, Melbourne, Australia;

^bBerman Center for Outcomes and Clinical Research, Minneapolis Medical Research Foundation, Hennepin County Medical Center, Minneapolis, MN, USA;

^cDivision of Geriatrics, Department of Medicine, Hennepin County Medical Center and University of Minnesota, Minneapolis, MN, USA;

^dDepartment of Family Medicine and Rush Alzheimer's Disease Center, Rush University Medical Center, Chicago, IL, USA;

^eSchool of Public Health, Curtin University, Perth, Australia;

^fMenzies Institute for Medical Research, University of Tasmania, Hobart, Australia

Abstract

Objective: To present normative performance data on the Modified Mini-Mental State (3MS) examination for healthy community-dwelling older individuals according to gender, age, education level, and ethno-racial group.

Method: More than 19,000 generally healthy older men and women without a diagnosis of dementia were recruited from the general population in Australia and the U.S. for the ASPRe in Reducing Events in the Elderly (ASPREe) study. The 3MS exam was administered as part of the baseline screening and individuals scoring above 77 were eligible to participate.

Results: The sample comprised 16,360 Australian whites, 1080 U.S. whites, 895 African-Americans and 316 Hispanic/Latinos. The median age of participants was 74 years (range 65–98), with an average of 12 years of education and 56% were female. Increasing age and fewer years of completed education were associated with lower scores on the 3MS. Women scored higher than men in most age and education categories. Differences across ethno-racial groups were found.

CONTACT: Elsdon Storey, elsdon.storey@monash.edu.

^gASPREe Investigator Group listed on www.aspree.org

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No potential conflict of interest was reported by the authors.

November 2010620 3ms

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