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Impact of social isolation on behavioral health in elderly: Systematic review

Biostatistics

Correspondence to: Hyong Jin Cho, MD, PhD, Cousins Center for Psychoneuroimmunology, Semel Institute for Neuroscience and Human Behavior, Department of Psychiatry and Biobehavioral Sciences, David Geffen School of Medicine, University of California-Los Angeles, 300 UCLA Medical Plaza, Suite 3140, Los Angeles, CA 90095, United States.
hjcho@mednet.ucla.edu

A narrative review was conducted rather than a meta-analysis. Thus, no statistical tests were conducted and there was no need for involving a biostatistician.



12/27/13

Hyong Jin Cho, MD, PhD

Comment [W用1]: Any manuscript describing a study (basic research and clinical research) that used biostatistics must include a statement in the Materials and Methods section affirming that the statistical review of the study was performed by a biomedical statistician. Statistical review is performed before the submission or after peer-review. The author invites an expert in Biomedical Statistics to evaluate the statistical method(s) used in the study, including but not limited to the *t*-test (group or paired comparisons), chi-square test, ridit, probit, logit and regression (linear, curvilinear, or stepwise) modeling, correlation, analysis of variance, and analysis of covariance. The review by the biomedical statistician is conducted with respect to the following points: (1) Statistical methods are adequately and appropriately described when they are used to verify the results; (2) Whether the statistical techniques are suitable or correct; (3) Only homogeneous data can be averaged. Standard deviations are preferred to standard errors. The number of observations and subjects (*n*) is given. Losses in observations, such as drop-outs from the study, are reported; (4) Values, such as ED50, LD50 and IC50, have the 95% confidence limits calculated and have been compared by weighted probit modeling (using the functions described by Bliss and Finney); and (5) The word "significantly" is replaced by its synonyms (if it indicates extent) or the *P* value (if it indicates statistical significance). In addition, a copy of any approval document(s)/letter(s) or waiver should be provided to the BPG in PDF format.