

Principles of Measurement - Seminar 3

November 11, 2021

- The seminar will take place November 18 and 19, 2021 and you will be placed in one of two groups which are further divided into sessions.
- Group 1a will participate Nov 18 at 10.15-11.00 and Group 1b Nov 18 at 11.15-12.00. Group 2a will participate Nov 19 at 10.15-11.00 and Group 2b at Nov 19 11.15-12.00. Your group and paper designation will be put in this document after the papers have been assigned. Note that you only need to attend your own session but you are welcome to attend the others too.
- The groups will be constructed based off of your input for the paper selection and the order of presentation will be randomly assigned.

Task

You are each asked to prepare a 10 minute presentation of a validity-related article, including presentation slides. The articles are the same as in Exercise 2 on Assignment 2. The presentation should include the following:

- A short introduction to the subject matter.
- A description of the interpretations and uses of the test scores that are given in the article or are implicit in the article.
- A categorization of the validation procedures done in the article in terms of the evidence categories in the Standards for Educational and Psychological Testing.

- A description of the results obtained in the study and an evaluation of the validity of the test score interpretation and uses in light of the results of the study.

Please prepare presentation slides before the seminar.

The five papers are:

- Ching, E. W. K., Chiang, T. P., Wong, J. O., Siu, B. W., Lui, S. S., & Cheung, E. F. (2021). Validation of the Chinese Dimensional Anhedonia Rating Scale in Depressed Patients in Hong Kong. *Psychological Test Adaptation and Development*. <http://doi.org/10.1027/2698-1866/a000012>
- Freitas, S., Simoes, M. R., Alves, L., & Santana, I. (2013). Montreal cognitive assessment: validation study for mild cognitive impairment and Alzheimer disease. *Alzheimer Disease & Associated Disorders*, 27, 37-43. <https://doi.org/10.1097/WAD.0b013e3182420bfe>
- Hartmaier, S. L., Sloane, P. D., Guess, H. A., Koch, G. G., Mitchell, C. M., & Phillips, C. D. (1995). Validation of the minimum data set cognitive performance scale: agreement with the mini-mental state examination. *The Journals of Gerontology Series A: Biological Sciences and Medical Sciences*, 50, M128-M133. <https://doi.org/10.1093/gerona/50A.2.M128>
- Wann, D. L. (1995). Preliminary validation of the sport fan motivation scale. *Journal of Sport and Social issues*, 19(4), 377-396. <https://doi.org/10.1177/019372395019004004>
- Wickramasinghe, V. P., Cleghorn, G. J., Edmiston, K. A., Murphy, A. J., Abbott, R. A., & Davies, P. S. (2005). Validity of BMI as a measure of obesity in Australian white Caucasian and Australian Sri Lankan children. *Annals of human biology*, 32(1), 60-71. <https://doi.org/10.1080/03014460400027805>

Groups

Group 1a - Th. 18. Nov 10:15–11:00

Order	Name	Article
1	Lucy	Ching et al. (2021)
2	Xiao	Freitas et al. (2013)
3	Yuriko	Wann (1995)

Group 1b - Th. 18. Nov 11:15–12:00

Order	Name	Article
1	Wonseok	Ching et al. (2021)
2	Sverre	Wann (1995)
3	Tore	Wickramsinghe et al. (2005)

Group 2a - Fr. 19. Nov 10:15–11:00

Order	Name	Article
1	Amy	Hartmeier et al. (1995)
2	Markus	Wickramsinghe et al. (2005)
3	Erika	Wann (1995)

Group 2b - Fr. 19. Nov 11:15–12:00

Order	Name	Article
1	Munyaka	Wann (1995)
2	Raphael	Ching et al. (2021)
3	Jianan	Freitas et al. (2013)