

GRRAS checklist for reporting of studies of reliability and agreement

Version based on Table I in: Kottner J, Audigé L, Brorson S, Donner A, Gajewski BJ, Hróbjartsson A, Robersts C, Shoukri M, Streiner DL. Guidelines for reporting reliability and agreement studies (GRRAS) were proposed. *J Clin Epidemiol.* 2011;64(1):96-106

Section	Item #	Checklist item	Reported on page #
Title/Abstract	1	Identify in title or abstract that interrater/intrarater reliability or agreement was investigated.	1-2
Introduction	2	Name and describe the diagnostic or measurement device of interest explicitly.	3-4
	3	Specify the subject population of interest.	3-4
	4	Specify the rater population of interest (if applicable).	
	5	Describe what is already known about reliability and agreement and provide a rationale for the study (if applicable).	3-4
	6	Explain how the sample size was chosen. State the determined number of raters, subjects/objects, and replicate observations.	4-9,
Methods	7	Describe the sampling method.	4-9
	8	Describe the measurement/rating process (e.g. time interval between repeated measurements, availability of clinical information, blinding).	5-9
	9	State whether measurements/ratings were conducted independently.	5-9
	10	Describe the statistical analysis.	8-9
Results	11	State the actual number of raters and subjects/objects which were included and the number of replicate observations which were conducted.	5-11, Table 1-2
	12	Describe the sample characteristics of raters and subjects (e.g. training, experience).	5-7, Table 1
	13	Report estimates of reliability and agreement including measures of statistical uncertainty.	10-11, Table 2, Figure 1-2 and Supplementary data
Discussion	14	Discuss the practical relevance of results.	11-15
Auxiliary material	15	Provide detailed results if possible (e.g. online).	Supplementary data, Table 2