

D.E. McGhee. *Drawing Inferences about Instructors: Constructing Confidence Intervals for Student Ratings of Instruction*. OEA Reports, 02-5, 2002.

Table 1. Observed means and observed and estimated inter-class reliability coefficients for IAS common items.

	Mean	<i>r</i> -observed	Number of Classes Rated						
			1	5	10	15	20	30	
Item 1	3.9	.88	<i>r</i> _{SB}	.40	.77	.87	.91	.93	.95
			SEM	.48	.30	.22	.19	.16	.14
Item 2	3.9	.88	<i>r</i> _{SB}	.39	.77	.87	.91	.93	.95
			SEM	.47	.29	.22	.18	.16	.13
Item 3	4.2	.89	<i>r</i> _{SB}	.43	.79	.88	.92	.94	.96
			SEM	.50	.30	.23	.19	.17	.14
Item 4	4.0	.90	<i>r</i> _{SB}	.44	.80	.89	.92	.94	.96
			SEM	.54	.33	.24	.20	.18	.15
Adjusted Item 1	3.9	.88	<i>r</i> _{SB}	.39	.77	.87	.91	.93	.95
			SEM	.44	.27	.21	.17	.15	.13
Adjusted Item 2	3.8	.87	<i>r</i> _{SB}	.38	.75	.86	.90	.92	.95
			SEM	.44	.28	.21	.18	.15	.13
Adjusted Item 3	4.1	.89	<i>r</i> _{SB}	.42	.79	.88	.92	.94	.96
			SEM	.47	.29	.22	.18	.16	.13
Adjusted Item 4	4.0	.89	<i>r</i> _{SB}	.42	.79	.88	.92	.94	.96
			SEM	.51	.31	.23	.19	.17	.14
Adjusted Item 32	4.0	.89	<i>r</i> _{SB}	.43	.79	.89	.92	.94	.96
			SEM	.43	.26	.19	.16	.14	.12
Item 23	4.8	.84	<i>r</i> _{SB}	.32	.70	.82	.88	.90	.93
			SEM	.53	.35	.27	.23	.20	.17
Item 24	5.3	.85	<i>r</i> _{SB}	.34	.72	.84	.88	.91	.94
			SEM	.56	.37	.28	.23	.21	.17
Item 25	5.1	.84	<i>r</i> _{SB}	.32	.71	.83	.88	.91	.94
			SEM	.60	.40	.30	.26	.23	.19
Item 26	5.2	.84	<i>r</i> _{SB}	.32	.71	.83	.88	.91	.93
			SEM	.58	.38	.29	.25	.22	.18
Item 27	5.3	.80	<i>r</i> _{SB}	.26	.64	.78	.84	.88	.92
			SEM	.58	.40	.32	.27	.24	.20
Item 30	3.4	.88	<i>r</i> _{SB}	.41	.78	.87	.91	.93	.95
			SEM	.18	.11	.08	.07	.06	.05
Item28/credits	2.2	.87	<i>r</i> _{SB}	.38	.75	.86	.90	.92	.95
			SEM	.91	.57	.43	.36	.32	.26
Item29/credits	1.8	.85	<i>r</i> _{SB}	.35	.72	.84	.89	.91	.94
			SEM	.80	.52	.39	.33	.29	.24

Note. *r*-observed is the computed inter-class reliability coefficient for the average number of classes rated; for Item 30 this was 10 classes, and for all other items this was 11. *r*_{SB} is the estimated reliability for various numbers of classes, as computed using the Spearman-Brown Prophecy formula. SEM is the standard error of measurement.