

Seeing Animal Sounds Instrument

Reliability Report

Scales for the Seeing Animal Sounds (RS) instrument's questions were constructed from a sample of 184 students completing the assessment (version RS-8A 9/13/2010). A scale of all 27 questions was calculated as the sum of all correct answers. This scale was tested for internal reliability using Post-test data and was found to have a Cronbach's α of .850 (n=147). The table below presents reliability information for the RS instrument's scales and items.

Scale	N of Students	# Items	Items	Reliability: Cronbach's α	Factors Extracted
All	147	27	1-27	.850	9
Properties of Sound	168	7	2, 4, 11, 13, 14, 18, 22	.670	2
Changing Sound	171	9	4, 5, 12, 15-17, 19-21	.682	2
Representing Sound	165	9	7-10, 23-27	.690	3