

Appendix H

SPSS output for the Chi-Square tests' results for the use of online quizzes, for assessment purposes in Physics, prior to the study

Use of online quizzes * Group membership Crosstabulation

			control group	experimental group	
use of online quizzes	rarely	Count	5	6	11
		% within use of online quizzes	45.5%	54.5%	100.0%
		% within group	33.3%	40.0%	36.7%
		% of Total	16.7%	20.0%	36.7%
	never	Count	10	9	19
		% within use of online quizzes	52.6%	47.4%	100.0%
		% within group	66.7%	60.0%	63.3%
Total	Count	15	15	30	
	% within use of interactive whiteboards	50.0%	50.0%	100.0%	
	% within group	100.0%	100.0%	100.0%	
	% of Total	50.0%	50.0%	100.0%	

Chi-Square Tests for the use of online quizzes

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.144 ^a	1	.705		
Continuity Correction ^b	.000	1	1.000		
Likelihood Ratio	.144	1	.705		
Fisher's Exact Test				1.000	.500
Linear-by-Linear Association	.139	1	.710		
N of Valid Cases	30				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.50.

b. Computed only for a 2x2 table