

Appendix 3

Tables A, B, and C: Results of the Pilot Tests.

Table A: Result of Validity Question

Item Number	r_{xy}	Interpretation
1,5,7,10,12,16,20,21,33,44.	≤ 0	Not valid
6,8,11,14,22,23,27,28,38,41,44,48,50	0.00 – 0.20	Very Low
2,3,13,15,19,25,26,36,49	0.21 – 0.40	Low
4,9,18,24,30,31,32,34,35,39,40,42,43,45,47,	0.41 – 0.60	Moderate
29,37,46	0.61 – 0.80	High
-	0.81 – 1.00	Very High

Table B: Result of Difficulty Level

Item Number	Index Difficulty (P)	Difficulty Degree
2,6,8,10,12,14,15,16,17,19,20,21,22,23,27,28,38,41,44,48,49,50	0.00 - 0.30	Difficult Item
3,4,7,9,13,18,24,25,26,29,30,31,32,34,35,36,37,39,40,42,43,45,46,47	0.30 - 0.70	Moderate Item
1,5,33	0.70 - 1.00	Easy Item

Table C-1: Independent Sample t-test

	Levene's Test for Equality of Variances		t-test for Equality of Means						
	F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
								Lower	Upper
Equal variances Gain assumed	2.222	.141	-1.000	60	.321	-3.61485	3.6147	-10.84517	3.61588
Equal variances Gain not assumed			-1.000	52.961	.322	-3.61465	3.6147	-10.84517	3.61588

Table C-2 ANOVA – Gain of EOG & EV

	Sum of Squares	df	Mean Square	F	Sig.
Between groups	202.518	1	202.518	1.000	.321
Within Groups	122.000	60	202.518	1.000	.325

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