Appendix 4

**This appendix was part of the submitted manuscript and has been peer reviewed.
It is posted as supplied by the authors.**

Appendix 4: ANOVA results by school type and implementation method

ANOVA Model by effects examined	Sum of Squares	df	F	p	Partial eta-squared
ANOVA 1 Total	174.4	5	63.3	<0.001	0.047*
AMSAC Year	63.1	2	57.2	<0.001	0.018*
Size of school	84.6	1	153.4	<0.001	0.023*
Year by Size of school	19.2	2	17.4	<0.001	0.005*
Error	3526.2	6395			
ANOVA 2 Total	315.5	5	119.2	<0.001	0.085**
AMSAC Year	39.1	2	36.9	<0.001	0.011*
Entry Type	161.0	1	304.2	<0.001	0.045*
Year by Entry type	79.5	2	75.1	<0.001	0.023*
Error	3385.1	6395			
ANOVA 3 Total	72.9	5	25.7	<0.001	0.020*
AMSAC Year	49.7	2	43.8	<0.001	0.014*
Time per MCQ	0.1	1	0.2	0.681	na
Year by Time per MCQ	14.8	2	13.0	<0.001	0.004
Error	3627.7	6395			
ANOVA 4 Total	117.7	5	42.0	<0.001	0.032*
AMSAC Year	85.7	2	76.5	<0.001	0.023*
Number of Assessments	10.7	1	19.0	<0.001	0.003
Year by Number of assessments	52.4	2	46.8	<0.001	0.014*
Error	3582.9	6395			

* Low effect size ** Moderate effect size