Correlating Graduate Record Exam Scores with National Certification Exam First-Attempt Scores

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Problem	Methods	Illustration	Discussion & Implications
o GRE scores predict the NBCRNA NCE scores of nurse nesthesia graduates?	 Quantitative, retrospective correlational design to examine total GRE and first-attempt total NCE scores Multiple regression analysis to examine GRE subcategories and first-attempt total NCE scores 	Table 1 NCE Total GRE & Total NC 5 score Correlations NCE Total GRE & Total NC 5 score Correlation Pearson Correlation 1 2.24* NCE Total Sig. (2-tailed)	 Use the total GRE score in conjunction with other admission criteria. Consider the GRE quantitative sub-score more than the qualitative sub-score. Expand this study to include additional nurse anesthesia programs.
	 Exclusion criteria: students who held previous graduate degrees and did not submit GRE scores, students admitted prior to 2015, and graduates' repeat attempt NCE scores Final sample size- 97 	More Results	
	Scores were randomized, paired, de-identified Analysis completed via IBM SPSS software version 21	Verbal Sub-Score GRE and First-Attempt NCE Total No significant correlation 	Conclusions
Literature Review	Results	 Quantitative Sub-Score GRE and First-Attempt NCE Total Statistically significant correlation Predictive ability estimated at 6.97% 	Strong applicants offer many benefits to both the univers and profession by passing the NCE on the first attempt. G utilized with other admission criteria facilitates admission of strong applicants.
SRE created by ETS to measure skills required to be successful n graduate school iterature of the GRE's impact on nurse anesthesia programs was lacking Conflicting literature regarding the GRE's impact on other graduate healthcare programs 52 of the 122 (42.6%) nurse anesthesia programs required a SRE score for admission	Total GRE compared to First-Attempt NCE Total Significant positive correlation Predictive ability estimated at 5.02% 	Illustration Table 2 Verbal GRE & Total NCE Score Correlations Control Variables NCE Total GRE Verbal GRE & Total NCE Score Correlation NCE Total GRE & Total NCE Score Correlations NCE Total GRE & Total NCE Score Correlation GRE Quart Correlation 1000 GRE Quart GRE Verb Significance (2-1000) GRE Verb Significance (2-1000) Table 3	Acknowledgements Roy Lukman- statistical analysis assistance
		Control Variables Cuantitative GRE & Total NCE Score Correlations NCE Total GRE Quant GRE Verb Correlation .000 .264 GRE Verb Significance (2- df .000 .264 GRE Quant tale(2) .010 .010 GRE Quant GRE Quant .000 .010 GRE Quant df 0 .91 GRE Quant Significance (2- df .010 .000 GRE Quant tale(2) .010 .000	