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The Predictive Strength of Academic Achievement in Passing the Philippine Nurse Licensure Examination
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Purpose:
The Nurse Licensure Examination is one of the measures of quality education among tertiary educational institution in the Philippines. According to research college academic performance and examination review also has a significant influences in the licensure exam performance. In this regard, the performances of graduates in the classroom, clinical, and pre-board performance can be used to forecast the licensure exam rating.
This study predicts the strength of classroom (Nursing Care Management (NCM) courses), clinical (Related Learning Experiences (RLE) courses), and pre-board performance of nursing graduates in a Private University Pangasinan. This study also tries to find out which of the three variables has the strongest predictive value in passing the Philippine Nurse Licensure Examination (PNLE). This study was guided with the hypothesis that there will be no significant prediction of board examination rating by the classroom, clinical, and pre-board performance.

Methods:
This study used a regression analysis using archived data of the classroom, clinical, and pre-board performance of nursing graduates from a college of nursing located in Pangasinan, their pre-board rating from a review center, and their board rating from the Professional Regulation Commission from May 2014 up to November 2017, with 107 graduates. Statistical analysis was a single linear regression using SPSS version 22, after checking the relationship through Pearson-r.

Results:
Regarding classroom performance as predictor, regression analysis revealed a score of (F (1, 105) = 55.57, p= 0.00) with \( R^2 = 0.35 \). The PNLE rating is equal to -72.11 + 1.81 of (NCM General Weighted Average (GWA)) when PNLE rating is measured through GWA. Regarding clinical performance as predictor regression analysis revealed a score of (F (1, 105) = 44.35, p= 0.00) with \( R^2 = 0.30 \). The predicted PNLE rating is equal to -74.05 + 1.75 (RLE) when PNLE is measured through GWA. Regarding pre-board performance as predictor, regression analysis revealed a score of F (1, 105) = 12.08, p= 0.00) with \( R^2 = 0.10 \). The PNLE rating is equal to 62.46 + 0.17 (Pre-board) when PNLE is measured through GWA.

Conclusion:
In light with the following findings, the researchers conclude that classroom, clinical, and pre-board performance of the nursing graduates in a Private University in Pangasinan is
a statistically significant predictor in passing PNLE. Moreover, it can be deciphered that NCM courses have the highest predictive value in passing the PNLE.

Title:
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Keywords:
Nursing Education, Philippines Nurse Licensure Examination and Regression Analysis

Abstract Summary:
This study predicts the strength of classroom (Nursing Care Management (NCM) courses), clinical (Related Learning Experiences (RLE) courses), and pre-board performance of nursing graduates in a Private University Pangasinan.

References:

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