

An Analysis of Gender Competencies of Project Managers in National Capital Region, Philippines using the Mann-Whitney U Test

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Abstract : In the field of construction, managerial positions are completely dominated by males. The researchers conducted this study to see if there is a significant difference between the competencies of male and female project managers in the construction field. To see if there is a significant difference, they subdivided the competency of project managers into three components; decision making, organizing skills, and resiliency. The researchers conducted a five-point Likert scale survey of 28 project managers in the construction field, 18 of them are males and 10 are females. The researchers used Cronbach's alpha to translate the raw scores of the respondents into competency scores. Then, the competency scores are analyzed using the Mann-Whitney U Test to see if there is a significant difference between the male's and female's competency scores. A p-value of 0.808 was calculated, which is greater than 0.05, which means that the null hypothesis is accepted. Therefore, the researchers concluded that there is no significant difference between the competencies of male and female project managers in terms of decision making, organizing skills, and resiliency in the construction field in the National Capital Region, Philippines.

Keywords : competency, resiliency, project managers, Mann-Whitney U test

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