

ภาคผนวก ซ  
ผลการคำนวณขนาดกลุ่มตัวอย่างด้วย G\* Power

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**F tests** - Linear multiple regression: Fixed model,  $R^2$  increase

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**Analysis:** A priori: Compute required sample size

**Input:** Effect size  $f^2$  = 0.020

$\alpha$  err prob = 0.050

Power ( $1-\beta$  err prob) = 0.950

Number of tested predictors = 8

Total number of predictors = 8

**Output:** Noncentrality parameter  $\lambda$  = 22.900

Critical F = 1.946

Numerator df = 8

Denominator df = 1136

Total sample size = 1145

Actual power = 0.950

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