

RANDOMIZED RESPONSE MODELS: SIMMONS MODEL APPLICATION

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- **ABSTRACT:** *In the present work we present a comparison of the results in a survey conducted in the University National Mayor de San Marcos in Peruvian to investigate the proportion of people who have tried cocaine basic paste, proportion of users of PBC, percentage of people who have had sex with more than two people over a lifetime, percentage of people who drink alcohol every weekend, using theory the randomized response model (RRM). The RRM, o Simmons model (Greenberg et al 1969; Solano 2004) and conventional method. The sample size was 1008 students to apply or Simmons model and 598 for the conventional method. The population in study were students matriculated in the half-yearly 2008 - II.*
- **KEYWORDS:** *Randomized response model; random mechanism; Simmons model; sensitive question; unrelated question*

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