

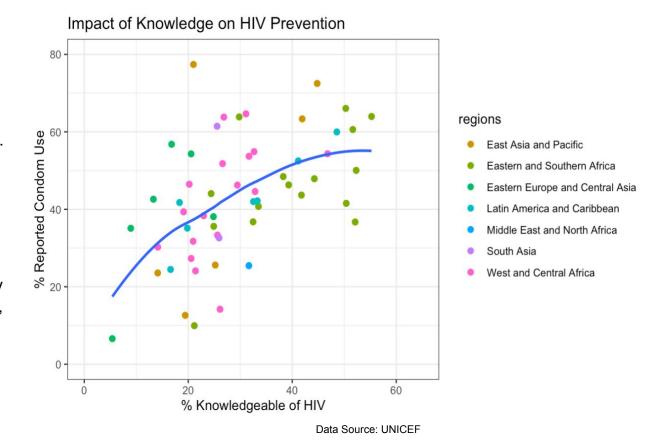
Purpose: Find most effective mini-game mechanic in HIV prevention.

Unprotected sex constitutes a major percent of new HIV cases.

HIV resistance efficacy represented by the percent reported use of condom in last sexual intercourse.

Know power skill represented by the percent with comprehensive, correct HIV knowledge.

Know power skill most linearly correlated with HIV prevention.



Know Power Regression

Skill levels and time relapsed are seen in a strong positive linear relationship.

The know power level data points are closely related to the linear model with an approximately 0.84 **R-squared** value after removing bad leverage points.

Increasing know power content is optimal in encouraging HIV resistant behavior.

