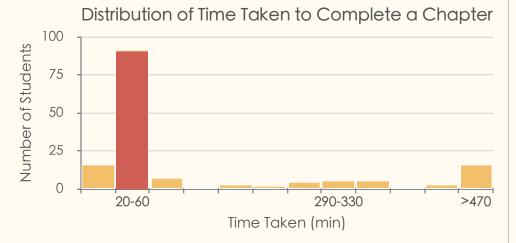


Data Validity & Gameplay Analysis

Game Data Validity



Most players took 20-60 mins to complete a chapter

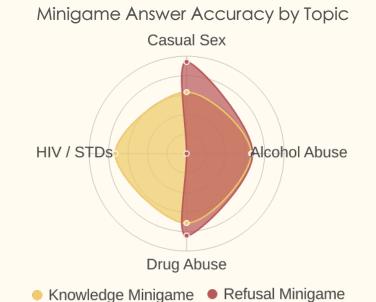
Those who made minigames took

Those who made wrong choices in 25% longer

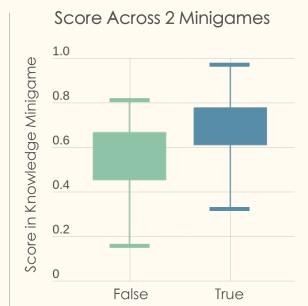


Players were confused and making efforts to make decisions

Insights into Gameplay Results



- Scored 15.7% better in HIV-related
- questions than common issues like unprotected sex
- Lower accuracy (<69%) for alcohol-related questions



When better knowing the consequences, teenagers are more likely to refuse improper proposals



Players paid attention to the game! Data is valid for further analysis



More scenarios about common problems (underaged drinking/drug usage) can be included to better cater to students' needs

Minigames and Real-life Choices

• For the **same amount of reward** in Priority Minigame, players made different choices about the following issues:

Gameplay Choices



11.2% choose to try drugs to see how it feels



42.9% choose to get paid to deliver drugs to someone at school

6.25% choose to buy

alcohol and get drunk

18.6% choose to have

homecoming dance

underage drinking after



3% 8th-graders reported binge drinking over the past two weeks



16% middle schoolers reported drinking alcohol over the last month



36.2% choose to hook up with someone met at a party



22% 8th-graders reported having had casual sexual intercourse



91.8% choose to have unprotected sex



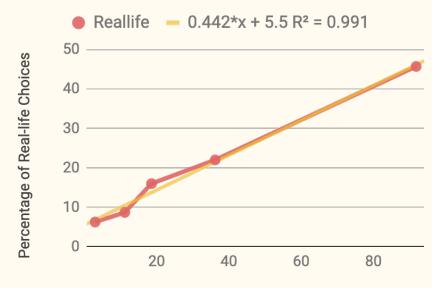
45.7% middle schoolers reported unprotected sexual intercourse

Corresponding Real-life Choices



8.7% 8th-graders have used illicit drugs in the last month

Real-life Choices vs. Gameplay Choices



Percentage of Gameplay Choices



Players' decisions are highly correlated with teenagers' real-life choices.

The data can potentially be used by researchers to predict potential risky behavior.