Asking Difficult Questions
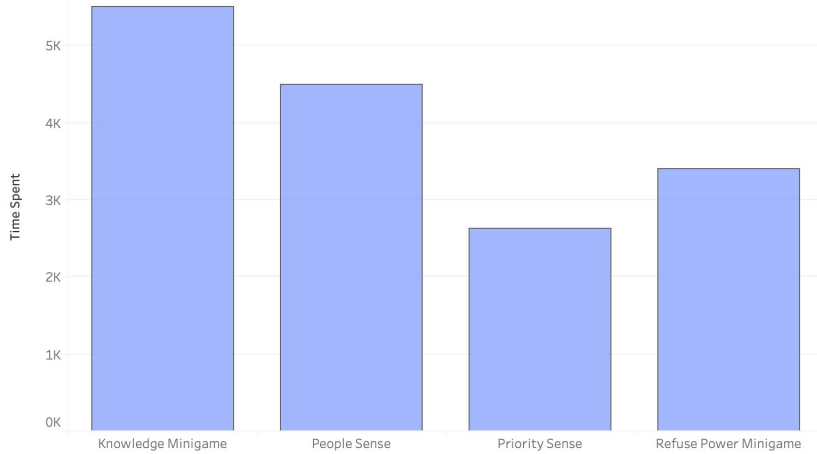

CHRISTOU FANS

Team Members: Donald Chung, Jing Zou, Joey Li

Mean Time Spent on Games

Event Category

Sum of Time Spent for each Event Category.

RESEARCH QUESTION:
Can we categorize which games, questions, and topics are more difficult?

We explored different metrics such as skill scores & response times to gauge difficulty.
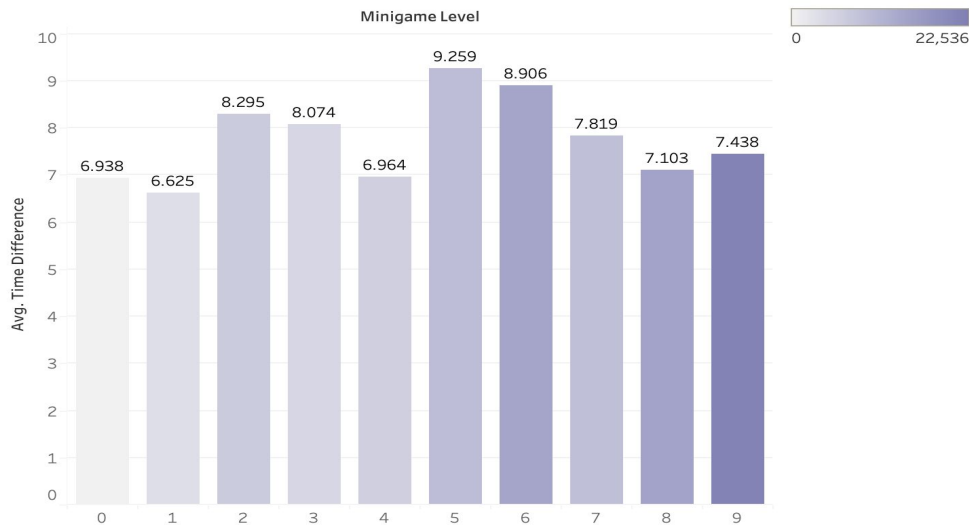
Replays by Minigame Levels & Skill ID

Skill Id
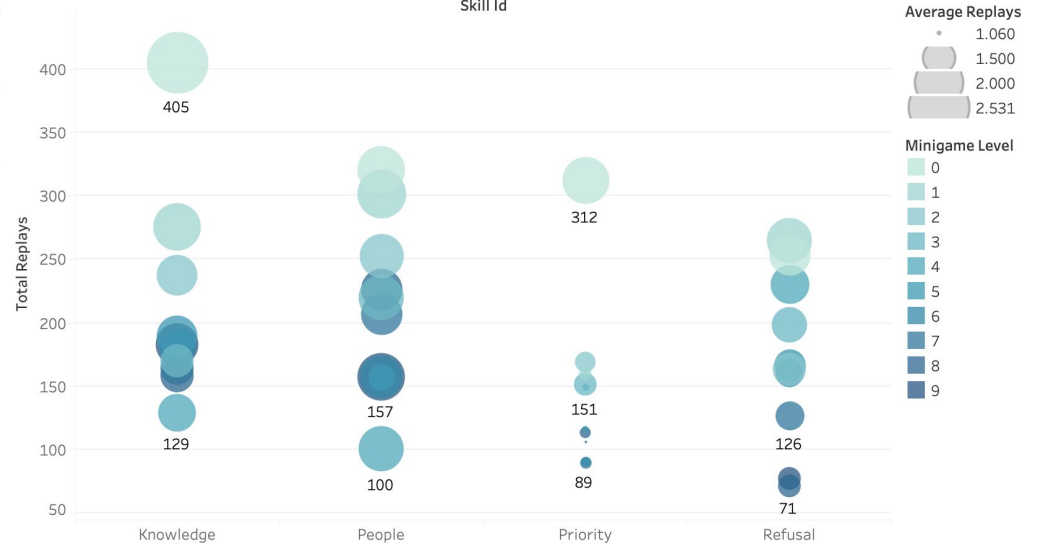
Tot Replays for each Skill Id. Color shows details about Minigame Level. Size shows sum of Avg Replays.

Knowledge regarding health-risk behaviors appear to be the most challenging topic.
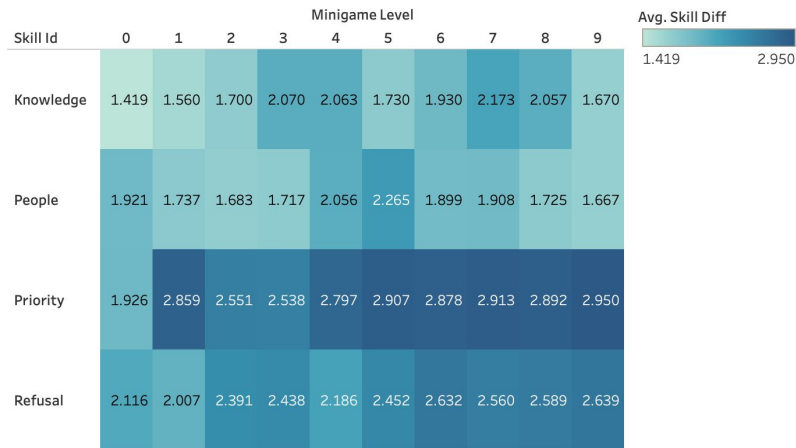
Average Time Differences for Knowledge Minigames

Minigame Level

0 — 22,536

| | 6.938 | 6.625 | 8.295 | 8.074 | 6.964 | 9.259 | 8.906 | 7.819 | 7.103 | 7.438 |

Avg. Time Difference

0 1 2 3 4 5 6 7 8 9

Average of Time Diff for each Minigame Level. Color shows sum of Minigame Level.

Hard questions motivate people

Average Performance of First Runs

Minigame Level

Avg. Skill Diff
1.419 — 2.950

Skill Id	0	1	2	3	4	5	6	7	8	9
Knowledge	1.419	1.560	1.700	2.070	2.063	1.730	1.930	2.173	2.057	1.670
People	1.921	1.737	1.683	1.717	2.056	2.265	1.899	1.908	1.725	1.667
Priority	1.926	2.859	2.551	2.538	2.797	2.907	2.878	2.913	2.892	2.950
Refusal	2.116	2.007	2.391	2.438	2.186	2.452	2.632	2.560	2.589	2.639

Average of Skill Diff (color) broken down by Minigame Level vs. Skill Id.

Easy Questions Improvement

0 stars first time
1 stars first time
2 stars first time
3 stars first time

0 stars
2 stars
3 stars
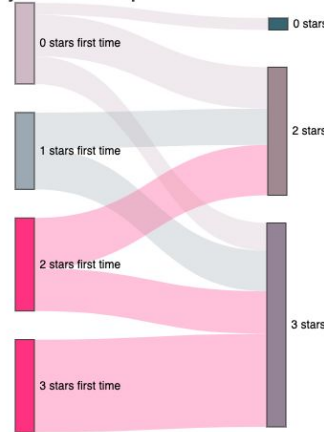
Difficult Questions Improvement

0 stars first time
1 stars first time
2 stars first time
3 stars first time

0 stars
2 stars
3 stars

3