Comparing M4 v.s. M5 Gestures

Metrics of success: Win/Losses for a given gesture indicates how well that gesture performs compared to its counterpart. This is used to measure success for the gesture.

M4: Absolute Mapping from AX value to position on the screen

M5: Gesture controlled movement; palm-up moves paddle up, palm-down move paddle down.

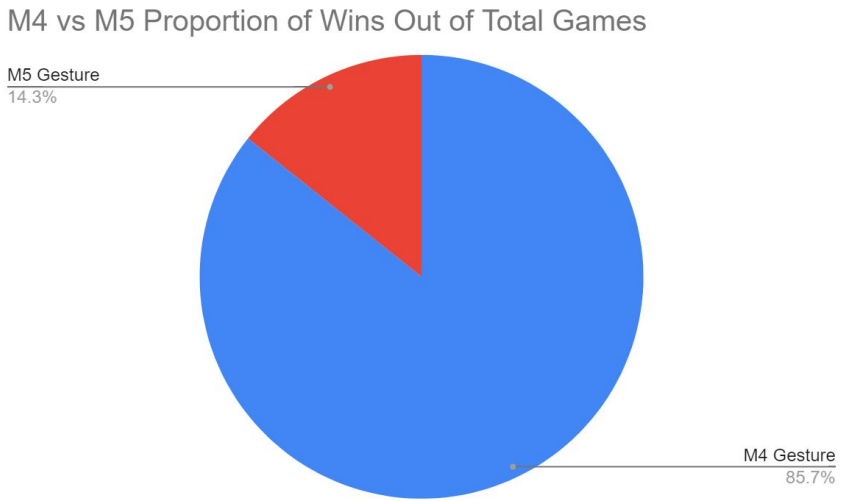
Experiment:

Play against an opponent in multiple matches. One player will use M4 controls, while another will use M5 controls.

Reporting Metrics of Success

M4 Win / Loss: 6 / 1

M5 Win / Loss: 1 / 6



Conclusion: The M4 gesture has a much higher win/loss ratio than the M5 gesture, indicating that the gesture is easier to handle and use for our game.