

Player Performance

Abstract

This document displays the result that I found when I put the game playing machines against each other.

Available playing machines:

1. Random Player
2. Random Player Plus
3. Random Player Plus Plus
4. Tier List Player
5. Tier List Player Plus
6. Tier List Player Plus Plus

*The statistics are gathered from 1,000 quick games. (Performance limitation)

*The victories are turned to percentage for better visuals.

*The turns and hits are average stats.

Player	Random	Random +	Random ++	Tier	Tier +	Tier ++
Random	R: 46.4 % R: 44.1 % D: 9.5 % Turns: 95.7 R Hits: 16.7 R Hits: 16.6	R: 1.1 % R+: 98.5 % D: 0.4 % Turns: 68.8 R Hits: 12.8 R+Hits: 17.0	R: 8.2 % R++: 89.9 % D: 1.9 % Turns: 68.9 R Hits: 13.0 R++Hits: 16.9	R: 1.7 % T: 97.8 % D: 0.5 % Turns: 71.8 R Hits: 8.99 T Hits: 17.0	R: 1.0 % T+: 98.7 % D: 0.3 % Turns: 60.6 R Hits: 10.7 T+ Hits: 16.9	R: 0.9 % T++: 99.0 % D: 0.1 % Turns: 42.8 R Hits: 9.12 T++ Hits: 17.0
Random +		R+: 47.3 % R+: 51.4 % D: 1.3 % Turns: 61.4 R+ Hits: 15.5 R+ Hits: 15.8	R+ : 65.2 % R++: 33.3 % D: 1.8 % Turns: 66.9 R+ Hits: 16.4 R++Hits: 12.9	R+: 41.2 % T: 56.3 % D: 2.5 % Turns: 59.4 R+ Hits: 14.2 T Hits: 16.2	R+: 31.7 % T+: 66.8 % D: 1.5 % Turns: 45.3 R+ Hits: 14.1 T+ Hits: 15.9	R+ : 15.5 % T++: 83.3 % D: 1.2 % Turns: 60.2 R+ Hits: 11.9 T++Hits: 16.4
Random ++			R++: 50.0 % R++: 48.9 % D: 1.1 % Turns: 56.0 R++Hits: 14.5 R++Hits: 15.9	R++: 26.9 % T : 71.5 % D : 1.6 % Turns: 56.8 R++ Hits: 16.3 T Hits: 15.7	R++: 20.6 % T+: 77.9 % D: 1.5 % Turns: 52.0 R++ Hits: 16.1 T+ Hits: 15.9	R++: 25.3 % T++: 72.2 % D: 2.5 % Turns: 61.8 R++ Hits: 15.0 T++ Hits: 16.5
Tier				T: 48.4 % T: 49.2 % D: 2.4 % Turns: 50.3 T Hits: 14.5 T Hits: 16.6	T: 36.5 % T+: 62.1 % D: 1.4 % Turns: 47.8 T Hits: 13.9 T+ Hits: 16.1	T: 29.4 % T++: 69.0 % D: 1.6 % Turns: 49.2 T Hits: 14.4 T++ Hits: 16.6
Tier +					T+: 49.9 % T+: 48.2 % D: 1.9 % Turns: 51.9 T+ Hits: 15.7 T+ Hits: 13.7	T+: 56.3 % T++: 41.2 % D: 2.5 % Turns: 46.6 T+ Hits: 14.1 T++ Hits: 16.9
Tier ++						T++: 48.7 % T++: 48.7 % D: 2.6 % Turns: 46.6 T++ Hits: 16.8 T++ Hits: 14.7