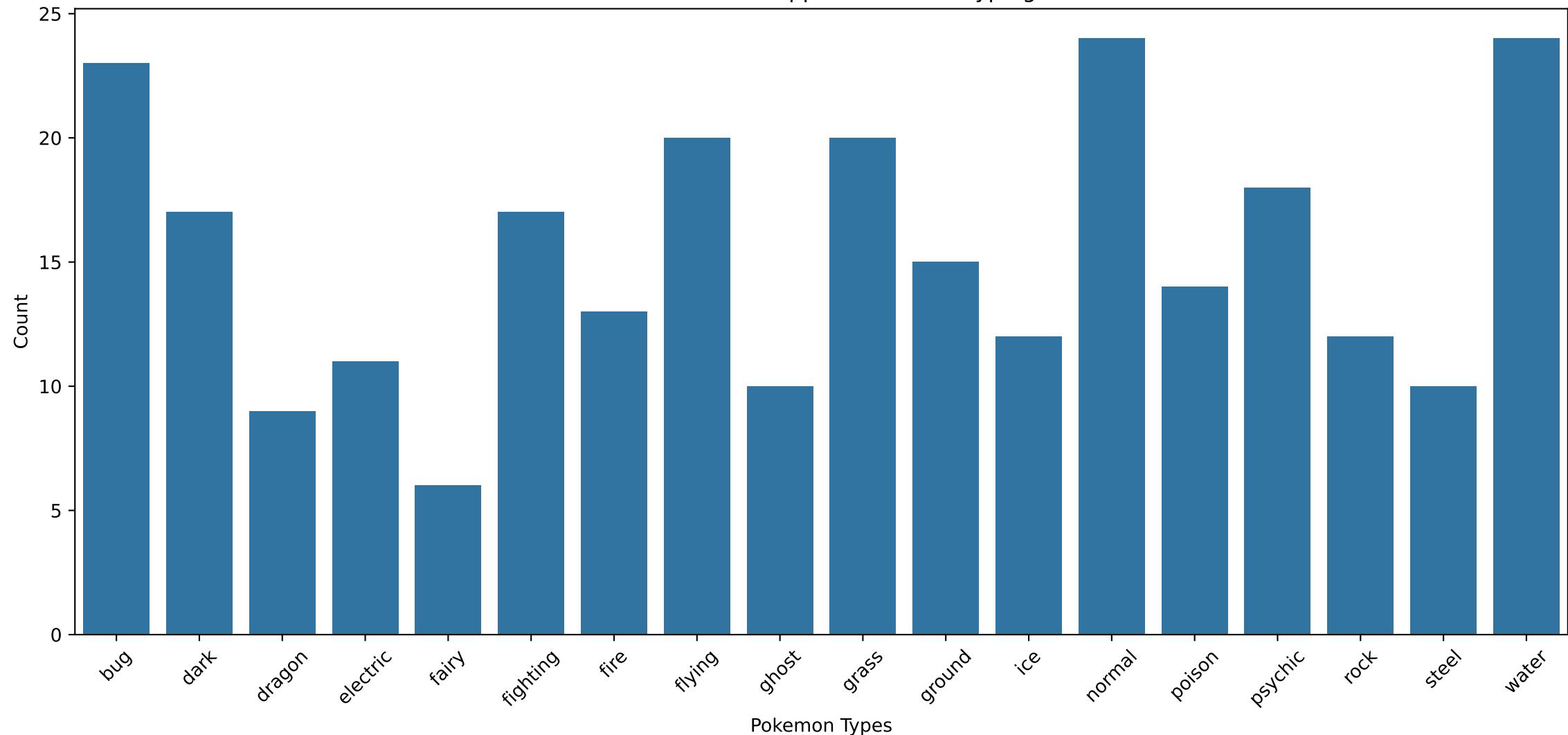


SA with different hyperparameters

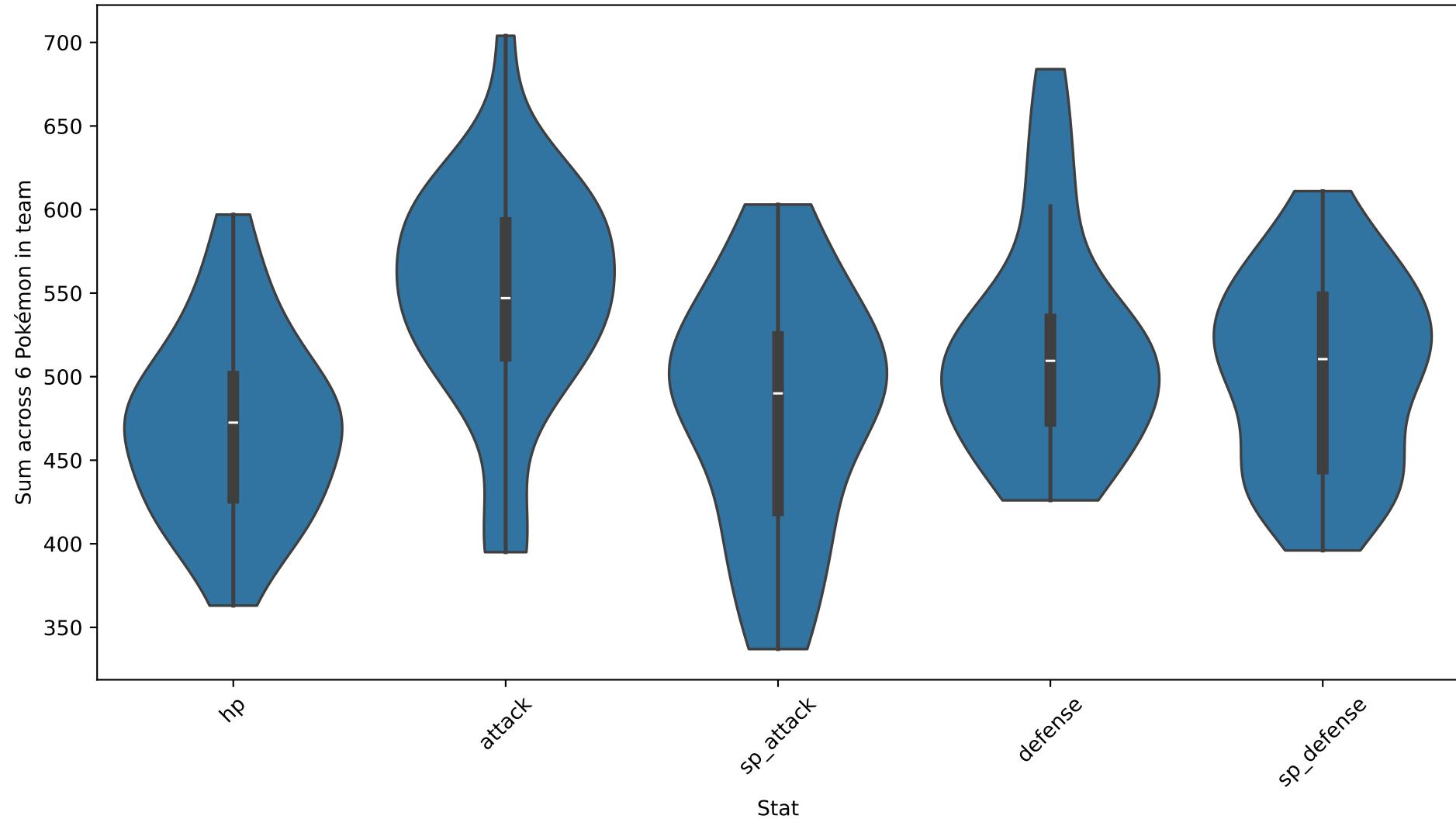
Setup

- opponents_limit = 30
- runs = 8
- budget = 100
- SA: initial_temperature = 0.1, cooling = 0.9
- restarts = 0
- patience = 50
- legendaries = False
- neighbor_replacements = 3
- iters_per_temp = 4

Distribution of Opponent Teams Typing



Opponents: distribution of team stat sums



SA experiment

| run | solver | fitness | stats_sum | pokemons |
|-----|--------|---------|-----------|---|
| 0 | SA | 0.4266 | 2149 | Abomasnow Golem Blissey Gallade Umbreon Azumarill |
| 1 | SA | 0.3668 | 2105 | Gengar Tropius Lapras Gallade Arcanine Blissey |
| 2 | SA | 0.2724 | 2170 | Aurorus Stunfisk Chimecho Venusaur Emboar Haxorus |
| 3 | SA | 0.2484 | 2155 | Aromatisse Slowking Emboar Snorlax Archeops Luxray |
| 4 | SA | 0.3416 | 2242 | Rhyperior Slaking Vileplume Musharna Electivire Scrafty |
| 5 | SA | 0.1959 | 2080 | Wobbuffet Pinsir Omastar Dragonite Garbodor Infernape |
| 6 | SA | 0.3816 | 2105 | Slaking Tangrowth Pachirisu Gallade Aurorus Wailord |
| 7 | SA | 0.3596 | 1916 | Excadrill Musharna Electivire Mantine Heatmor Blissey |

SA: summary stats

| solver | mean | median | std | min | max | count |
|--------|--------|--------|--------|--------|--------|-------|
| SA | 0.3241 | 0.3506 | 0.0775 | 0.1959 | 0.4266 | 8 |