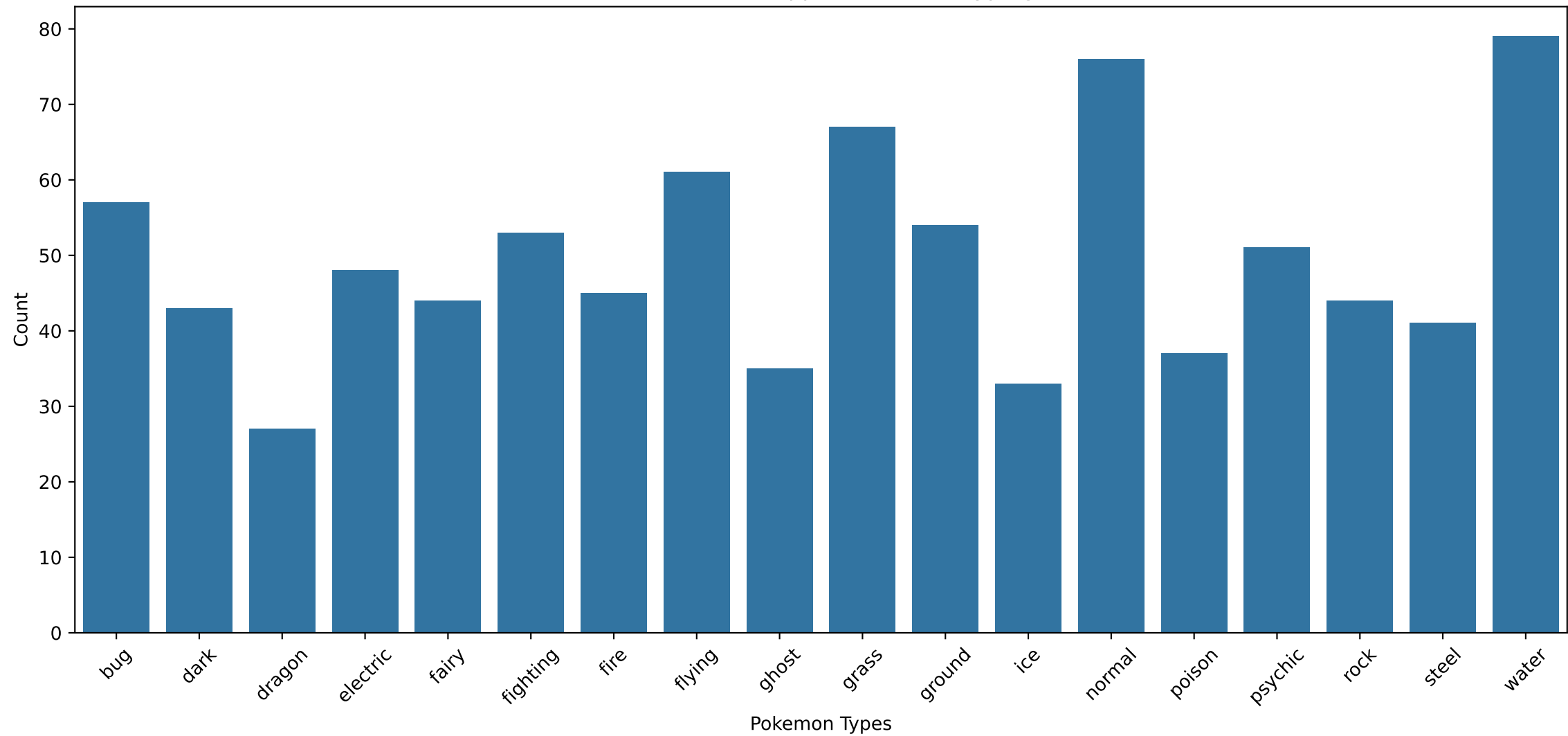


Evolutionary Algorithm - Mutation Rate Experiment

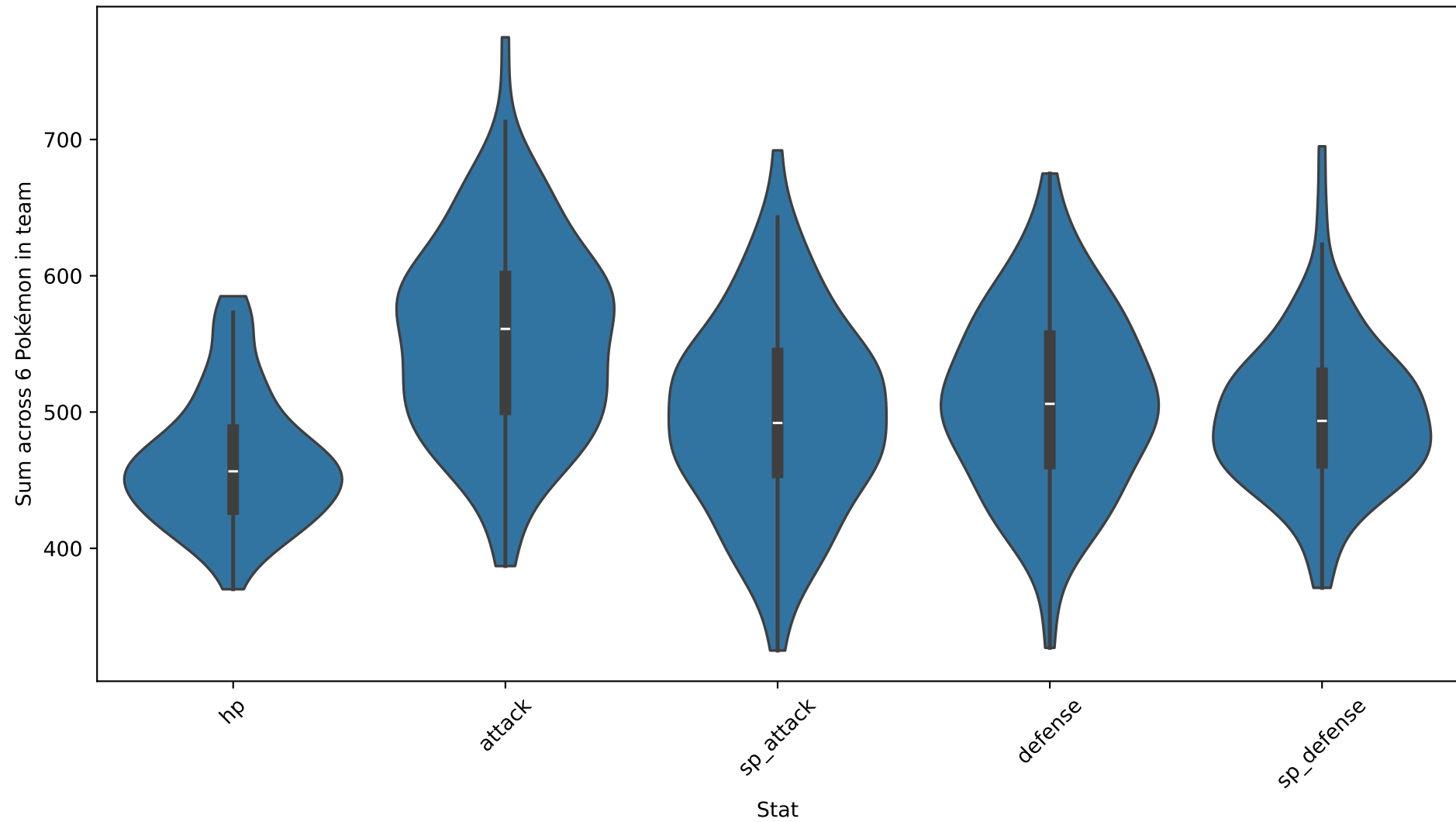
Setup:

- Population size: 5
- Generations: 20
- Mutation rate: 0.5
- Elite size: 1
- Tournament size: 3

Distribution of Opponent Teams Typing



Opponents: distribution of team stat sums



EA - Results of individual runs

run	solver	elite_size	fitness	stats_sum	pokemons
0	EA	1	0.26944723618090455	2161	PokemonTeam(size=6, names=['Vanilluxe', 'Blaziken', 'Goodra', 'Slurpuff', 'Stunfisk', 'Alomomola'])
1	EA	1	0.25489932885906036	2090	PokemonTeam(size=6, names=['Tentacruel', 'Emboar', 'Aurorus', 'Lilligant', 'Audino', 'Reuniclus'])
2	EA	1	0.3332592592592593	2124	PokemonTeam(size=6, names=['Hydreigon', 'Heracross', 'Audino', 'Wobbuffet', 'Meganium', 'Vaporeon'])
3	EA	1	0.34480620155038755	2075	PokemonTeam(size=6, names=['Slaking', 'Aurorus', 'Tropius', 'Luxray', 'Excadrill', 'Toxicroak'])
4	EA	1	0.3877023498694517	1862	PokemonTeam(size=6, names=['Rampardos', 'Toxicroak', 'Blissey', 'Granbull', 'Wailord', 'Vanilluxe'])
5	EA	1	0.2736516853932584	2244	PokemonTeam(size=6, names=['Stunfisk', 'Tyranitar', 'Mantine', 'Magmortar', 'Oranguru', 'Leavanny'])

EA - Summary statistics

solver	mean	median	std	min	max	count
EA	0.310628	0.303455	0.052516	0.254899	0.387702	6