

1 Experiment Set Difference: Separable Convolutions (32 filters) v. Separable Convolutions (64 filters)

1.1 Average Treatment Effect (Per Experiment in Experiment Set)

cpu_hours	-0.0325478 +/- 0.00989813 (stderr) (p=0.00434139, Welch's t-test)
gpu_hours	-0.0600136 +/- 0.00173357 (stderr) (p=1.44721e-08, Welch's t-test)
estimated_carbon_impact_kg	-0.00453056 +/- 0.000187044 (stderr) (p=8.59422e-09, Welch's t-test)
total_power	-0.0158977 +/- 0.000384745 (stderr) (p=8.83343e-10, Welch's t-test)
kw_hr_gpu	-0.00957399 +/- 0.000313058 (stderr) (p=9.36936e-08, Welch's t-test)
kw_hr_cpu	-0.000487811 +/- 9.36101e-05 (stderr) (p=0.000351056, Welch's t-test)
exp_len_hours	-0.029875 +/- 0.00900685 (stderr) (p=0.00420552, Welch's t-test)
average_realtime_carbon_intensity	15.0462 +/- 5.20667 (stderr) (p=0.00147332, Welch's t-test)

1.2 Cumulative Difference (Per Experiment Set)

cpu_hours	-0.16273888888888893
gpu_hours	-0.3000680659456605
estimated_carbon_impact_kg	-0.02265280487799582
total_power	-0.07948825924501181
kw_hr_gpu	-0.047869969388358614
kw_hr_cpu	-0.002439055450256449
exp_len_hours	-0.1493749976820416
average_realtime_carbon_intensity	75.23104571945896