

1 Experiment Set Difference: Separable Convolutions (64 filters) v. Separable Convolutions (256 filters)

1.1 Average Treatment Effect (Per Experiment in Experiment Set)

cpu_hours	-0.509199 +/- 0.00200732 (stderr) (p=2.96744e-10, Welch's t-test)
gpu_hours	-0.464816 +/- 0.000860973 (stderr) (p=8.11735e-19, Welch's t-test)
estimated_carbon_impact_kg	-0.0431068 +/- 0.00247417 (stderr) (p=7.97556e-05, Welch's t-test)
total_power	-0.142596 +/- 0.0149055 (stderr) (p=0.00050739, Welch's t-test)
kw_hr_gpu	-0.0740432 +/- 0.000202159 (stderr) (p=5.13299e-12, Welch's t-test)
kw_hr_cpu	-0.0162072 +/- 0.00940927 (stderr) (p=0.0613088, Welch's t-test)
exp_len_hours	-0.468737 +/- 0.000876195 (stderr) (p=4.55688e-19, Welch's t-test)
average_realtime_carbon_intensity	-5.31492 +/- 13.0888 (stderr) (p=0.530155, Welch's t-test)

1.2 Cumulative Difference (Per Experiment Set)

cpu_hours	-1.9107416666666666
gpu_hours	-1.7486384851978332
estimated_carbon_impact_kg	-0.163838069735522
total_power	-0.5414840976020547
kw_hr_gpu	-0.27917654664283786
kw_hr_cpu	-0.0635349075356777
exp_len_hours	-1.7610001403755615
average_realtime_carbon_intensity	275.9873669315525