

1 Experiment Set Difference: Normal Convolutions (32 filters) v. Normal Convolutions (256 filters)

1.1 Average Treatment Effect (Per Experiment in Experiment Set)

cpu_hours	-0.842133 +/- 0.0921494 (stderr) (p=0.000581979, Welch's t-test)
gpu_hours	-0.760565 +/- 0.082922 (stderr) (p=0.000575725, Welch's t-test)
estimated_carbon_impact_kg	-0.0756172 +/- 0.00832647 (stderr) (p=0.000592191, Welch's t-test)
total_power	-0.236378 +/- 0.0370416 (stderr) (p=0.00167944, Welch's t-test)
kw_hr_gpu	-0.127095 +/- 0.0139041 (stderr) (p=0.000574409, Welch's t-test)
kw_hr_cpu	-0.0225115 +/- 0.0129414 (stderr) (p=0.0597608, Welch's t-test)
exp_len_hours	-0.775111 +/- 0.0846301 (stderr) (p=0.000578209, Welch's t-test)
average_realtime_carbon_intensity	-156.552 +/- 38.8564 (stderr) (p=0.00636391, Welch's t-test)

1.2 Cumulative Difference (Per Experiment Set)

cpu_hours	-3.295030555555556
gpu_hours	-2.9800535707746283
estimated_carbon_impact_kg	-0.2996940340329214
total_power	-0.9277826816887689
kw_hr_gpu	-0.49885394709918973
kw_hr_cpu	-0.08835028181775256
exp_len_hours	-3.0359613737132816
average_realtime_carbon_intensity	-469.71433145420406