

# 1 Experiment Set Difference: Normal Convolutions (256 filters) v. Normal Convolutions (512 filters)

## 1.1 Average Treatment Effect (Per Experiment in Experiment Set)

cpu_hours	-3.37083 +/- 0.0928293 (stderr) (p=6.85786e-06, Welch's t-test)
gpu_hours	-3.03825 +/- 0.0830272 (stderr) (p=8.70128e-06, Welch's t-test)
estimated_carbon_impact_kg	-0.32241 +/- 0.067499 (stderr) (p=0.0154236, Welch's t-test)
total_power	-1.1465 +/- 0.127305 (stderr) (p=0.00245705, Welch's t-test)
kw_hr_gpu	-0.57853 +/- 0.0139011 (stderr) (p=6.14446e-06, Welch's t-test)
kw_hr_cpu	-0.147101 +/- 0.0779388 (stderr) (p=0.0885978, Welch's t-test)
exp_len_hours	-3.08654 +/- 0.0847208 (stderr) (p=8.89323e-06, Welch's t-test)
average_realtime_carbon_intensity	22.1143 +/- 82.315 (stderr) (p=0.692566, Welch's t-test)

## 1.2 Cumulative Difference (Per Experiment Set)

cpu_hours	-9.196841666666668
gpu_hours	-8.291988301727308
estimated_carbon_impact_kg	-0.888839360688651
total_power	-3.185380620158746
kw_hr_gpu	-1.5989689398009088
kw_hr_cpu	-0.417094743843867
exp_len_hours	-8.420039820869762
average_realtime_carbon_intensity	379.38785151329193