

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

1.1 Average Treatment Effect (Per Experiment in Experiment Set)

cpu_hours	-0.0525533 +/- 0.000835423 (stderr) (p=3.59909e-11, Welch's t-test)
gpu_hours	-0.0484195 +/- 0.000715373 (stderr) (p=8.14262e-12, Welch's t-test)
estimated_carbon_impact_kg	-0.00581469 +/- 0.000191947 (stderr) (p=7.61513e-10, Welch's t-test)
total_power	-0.0111697 +/- 0.000640834 (stderr) (p=1.7727e-06, Welch's t-test)
kw_hr_gpu	-0.00747108 +/- 0.000491069 (stderr) (p=6.38774e-06, Welch's t-test)
kw_hr_cpu	0.000401636 +/- 0.000399848 (stderr) (p=0.152394, Welch's t-test)
exp_len_hours	-0.0494645 +/- 0.000757861 (stderr) (p=3.1103e-11, Welch's t-test)
average_realtime_carbon_intensity	-140.754 +/- 4.48404 (stderr) (p=1.27138e-07, Welch's t-test)

1.2 Cumulative Difference (Per Experiment Set)

cpu_hours	-0.2627666666666667
gpu_hours	-0.2420974741058547
estimated_carbon_impact_kg	-0.02907345934182793
total_power	-0.05584861222099849
kw_hr_gpu	-0.03735540389980939
kw_hr_cpu	0.0020081809751268057
exp_len_hours	-0.24732229669888817
average_realtime_carbon_intensity	-703.7697691374099