

Table 1: The five best runs according to accuracy.

	Run Number	Accuracy (in %)	GPU (in kWh)	Number of Parameters	Energy Quotient
1	<i>run#</i>	<i>0</i>	<i>N/A</i>	<i>acc</i>	<i>gpu</i>
2.	<i>run#</i>	<i>0</i>	<i>N/A</i>	<i>acc</i>	<i>gpu</i>
3.	<i>run#</i>	<i>0</i>	<i>N/A</i>	<i>acc</i>	<i>gpu</i>
4.	<i>run#</i>	<i>0</i>	<i>N/A</i>	<i>acc</i>	<i>gpu</i>
5.	<i>run#</i>	<i>0</i>	<i>N/A</i>	<i>acc</i>	<i>gpu</i>

Table 2: The five best runs according to GPU.

	Run Number	GPU (in kWh)	Accuracy (in %)	Number of Parameters	Energy Quotient
1	<i>run#</i>	<i>N/A</i>	<i>0</i>	<i>acc</i>	<i>gpu</i>
2.	<i>run#</i>	<i>N/A</i>	<i>0</i>	<i>acc</i>	<i>gpu</i>
3.	<i>run#</i>	<i>N/A</i>	<i>0</i>	<i>acc</i>	<i>gpu</i>
4.	<i>run#</i>	<i>N/A</i>	<i>0</i>	<i>acc</i>	<i>gpu</i>
5.	<i>run#</i>	<i>N/A</i>	<i>0</i>	<i>acc</i>	<i>gpu</i>

Table 3: Parameter values for the winning run in accuracy.

Parameter	Value
model	resnet50
preprocessing	minmax
augmentation	random
precision	global_policy_float16
batch_size	64
partitioning	90-5-5
lr	0.00015
lr_schedule	constant
optimizer_momentum	0.0
optimizer	Adam
weight_decay	0.01
quantization	post_weights_and_activations
internal_optimizations	None

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