

S2 Table Results of a simple vision task (CIFAR10).

Model Name	'Neurons' (#)	Parameters (#)	Accuracy (F ₁ Score) ¹
Human Performance	Billions		0.94 ²
ResNet18	~2 million	~11 million	0.9148 ³
Zeiler and Fergus	~1.6 million	~72 million	0.8488 ³
Our fly-eye	25,742	1,350,316	0.5364
Random Chance			0.10

¹ The F₁ score combines precision (probability of assigning the right ID to the right class) and recall (probability that the ID assigned is to the right class).

² Human performance is given in overall accuracy (%).

³ Images were re-sized from 29×29 to 224× 224. Their results presented here are not for state-of-the-art benchmarking, but for comparison.