data-free
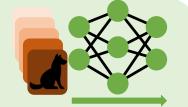(no model evaluation)

§3.2.1 neuron-/weight-similarity

§ 3.2 weight magnitude

data-driven
(inference-only)

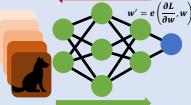§ 3.3 remove trivial elements

sensitivity § 3.3

correlation / similarity merge § 3.3.1

"energy" (outputs always nearly zero?)

input sensitivity (do outputs change across examples?)

Fourier sensitivity (which weights do not influence outputs?)

Hebbian (strengthen weights between correlated neurons)

similarity (outputs are all similar?)

training-aware
(full training)

$w' = e\left(\frac{\partial L}{\partial w}, w\right)$

loss function approximation
1st order § 3.4
2nd order § 3.5

regularization
L_0
L_1 § 3.6
L_2

statistical / variational § 3.7