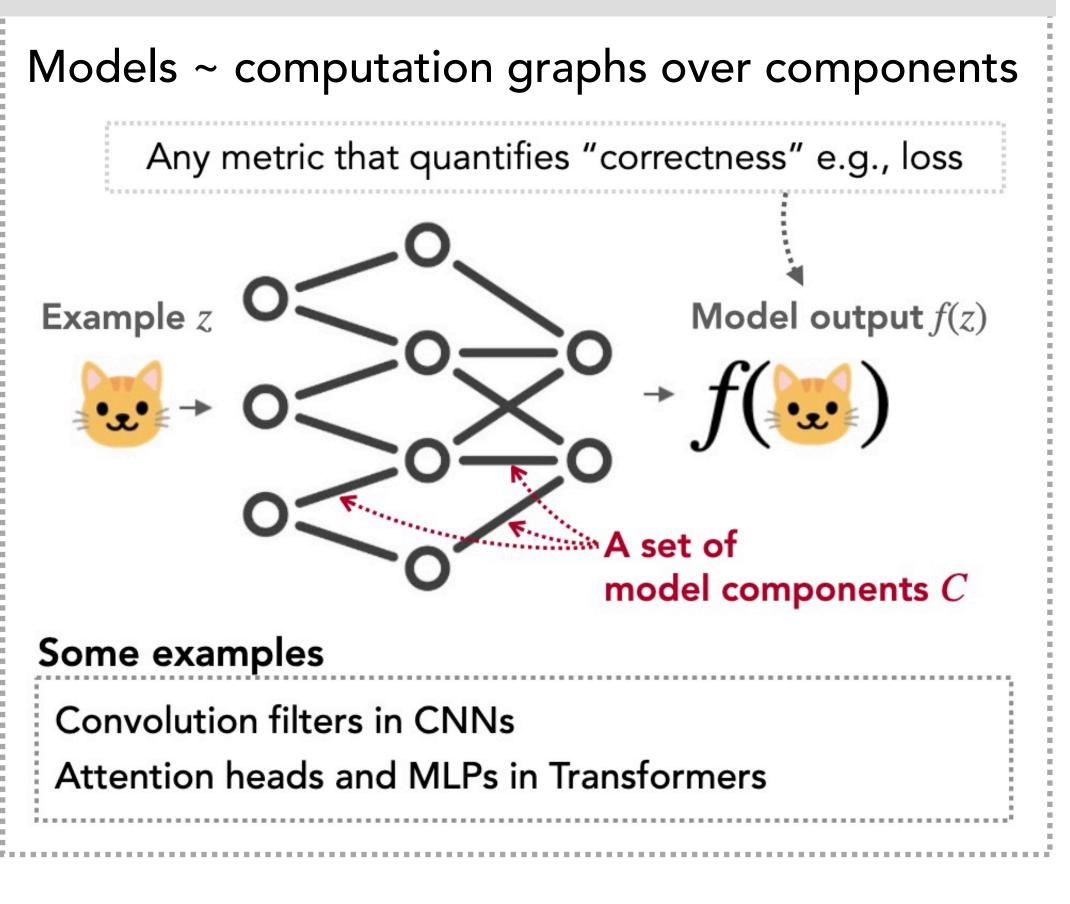
Decomposing and Editing Predictions by Modeling Model Computation Harshay Shah, Andrew Ilyas, Aleksander Mądry

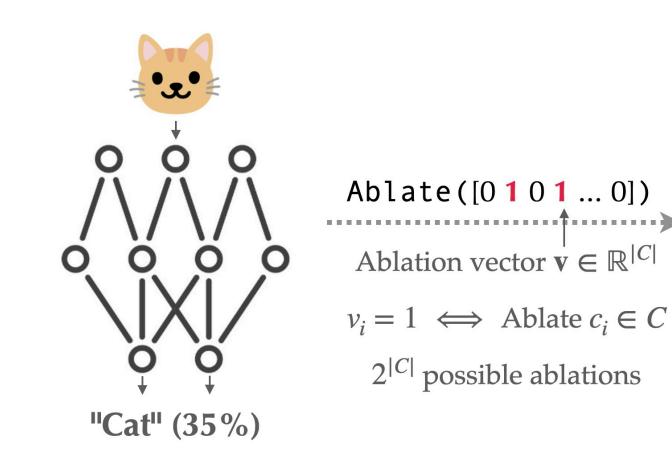


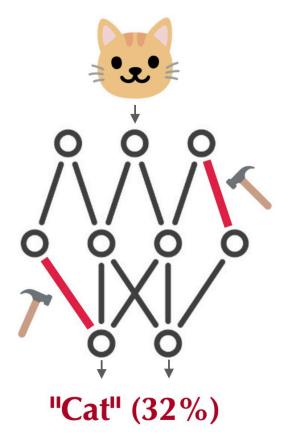


Q: How do individual model components $c \in C$ collectively turn examples z into predictions f(z)?

Intervening via component ablations

Component ablation intervenes on the *parameters* of a subset of model components $C \subseteq C$.





Ablation is user-specified (e.g., zero-ing out parameters)

