# A quantitative-genetic decomposition of a neural network

**We tested equivalent linear mapping (ELM) on a neural network trained to predict phenotypes from genotypes in simulated data. We show that ELM successfully recapitulates additive and epistatic effects learned by the model, even in data with substantial environmental noise.**

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The **full pub** is available here.

The **source code** to generate it is available in this GitHub repo (DOI: 10.5281/zenodo.17458438).

In the future, we hope to host notebook pubs directly on our publishing platform. Until that's possible, we'll create stubs like this with key metadata like the DOI, author roles, citation information, and an external link to the pub itself.

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## Contributors (A–Z)

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