Episodic Training for Domain Generalization.

Summary

1. Domain generalization means learning models that generalize to novel testing domains with different statistics than a set of training domains.

2. They train a network in a way that exposes it to domain shift that characterizes a novel domain a runtime.

3. To do so, they decompose the network into feature extractor and classifier components,

4. Then train each component by stimulating it interacting with a partner that is badly tuned for the current domain.

5. This makes both components more robust.