Weight Decay Tests

**Objective:** Identify the cause behind why weight decay is not working as expected

**Notes:**

* Loss and Accuracy plots are from S1D1O1 simulations
* The correlation plots are aggregated from S1D1O1 and S2D1O1 simulations
* Optimizers: [Epoch 1-10: SGD, lr=1e-4, momentum=0] [Epoch 11-350: Adam, lr=0.01]

# Weight Decay = 0.01

A close up of a piece of paper

Description automatically generatedA close up of a map

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# Weight Decay = 0.1

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# Weight Decay = 1

A close up of a piece of paper

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# Weight Decay = 10

A close up of a mans face

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A close up of a map

Description automatically generated

# Weight Decay = 100

A close up of a device

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