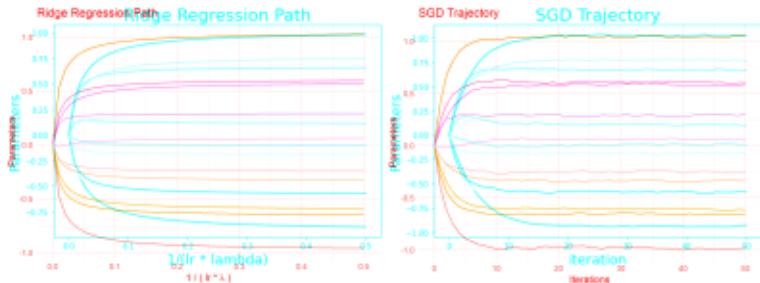


Solution paths for L_2 regularized linear model closely matches SGD trajectory of unregularized LM initialized at $\theta = 0$



Caveat: Initialization at the origin is crucial for this equivalence to hold, which is almost never exactly used in practice in ML/DL applications