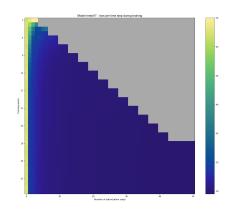


# Regression - Incremental learning - Compare test performance between: metaV1, metaV7 model

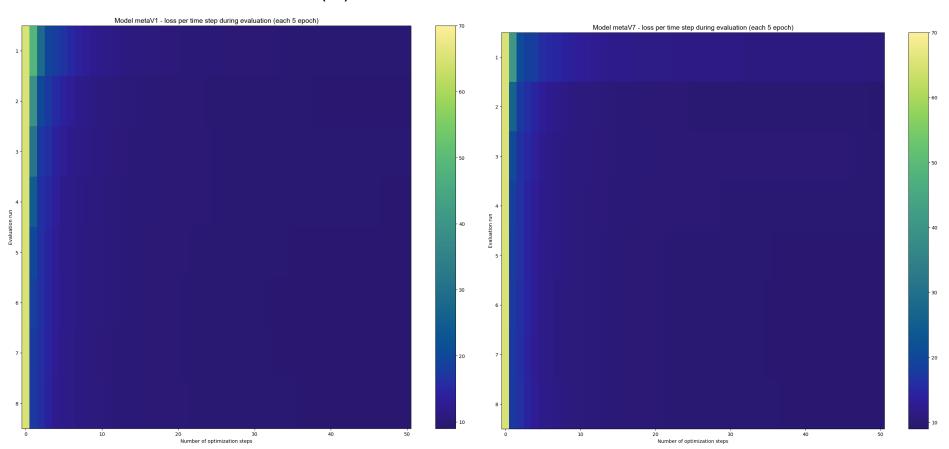
Take away: incremental learning helps to learn faster, see first few steps during evaluation run 1 to 4.

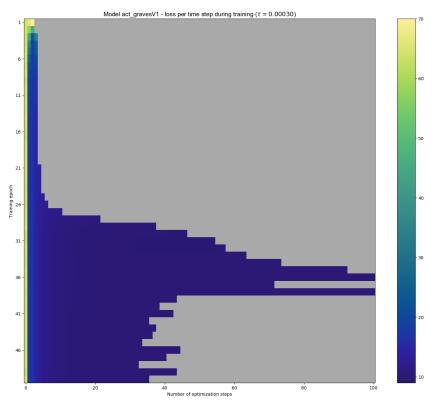
Illustrate training schedule



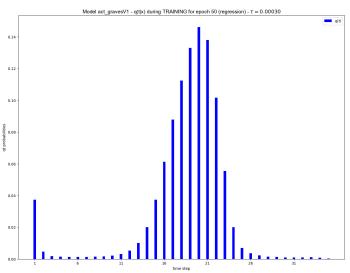
#### Test evaluation - metaV1 - baseline model (L2L)

Test evaluation - metaV7 - baseline model (L2L) incrementally trained

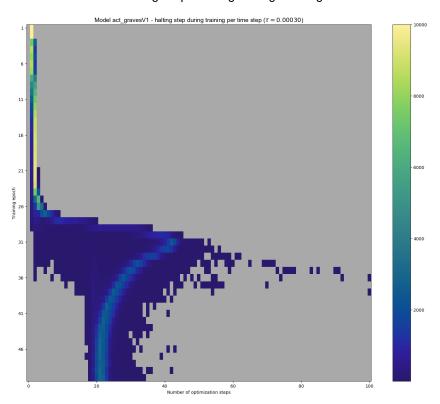


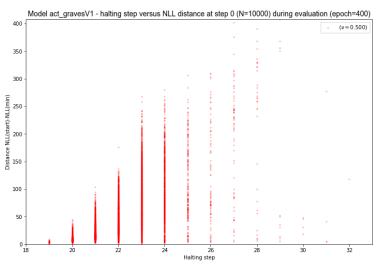


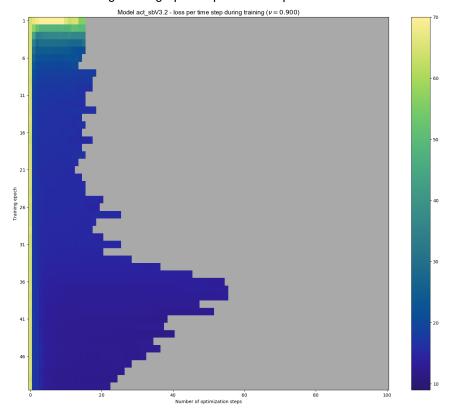
### q(t|x) at the end of training



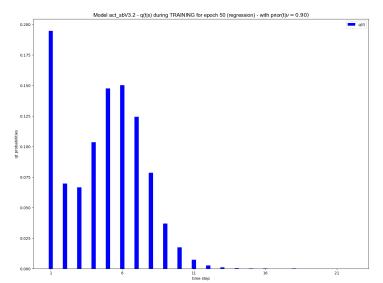
#### distribution of halting steps during during training



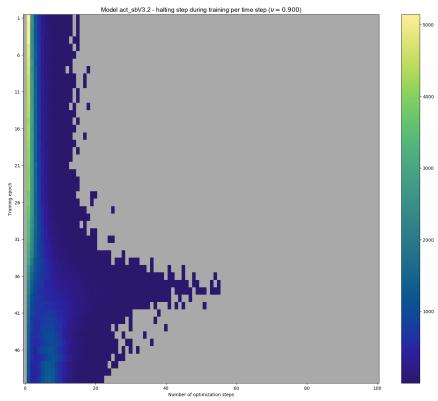


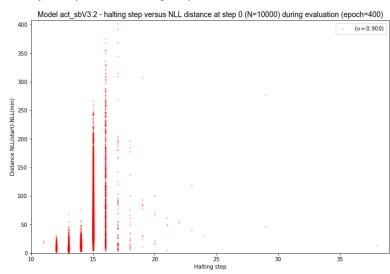


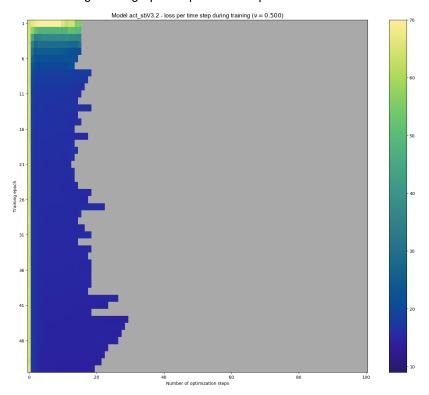
### q(t|x) at the end of training



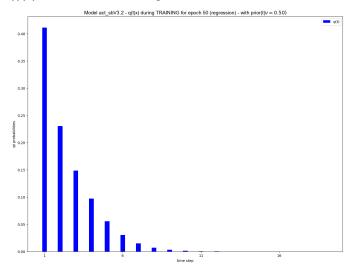
#### distribution of halting steps during during training



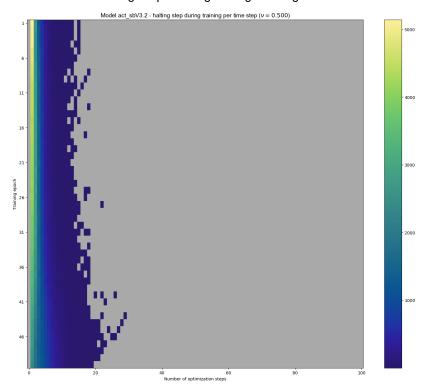


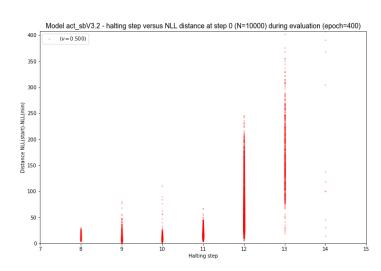


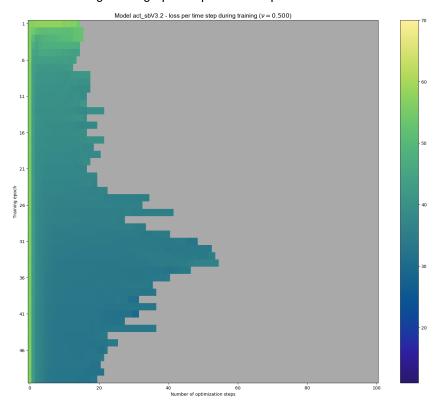
### q(t|x) at the end of training



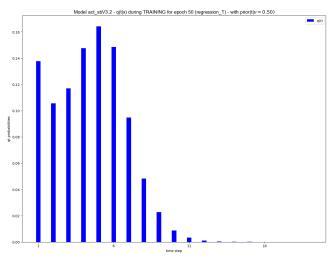
#### distribution of halting steps during during training



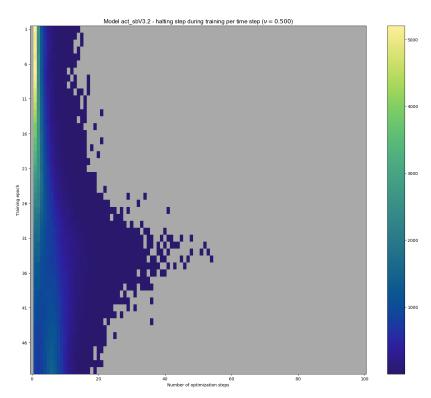


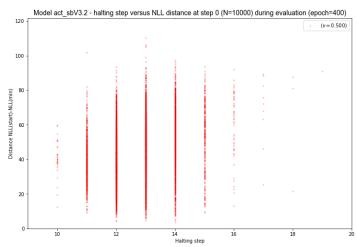


### q(t|x) at the end of training



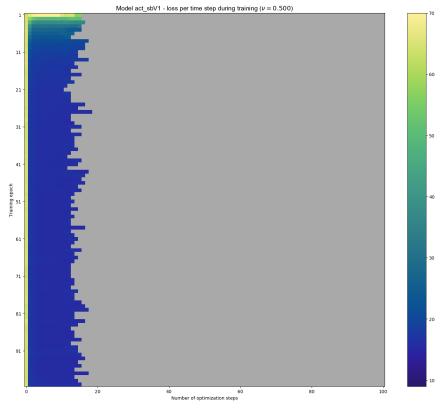
#### distribution of halting steps during during training



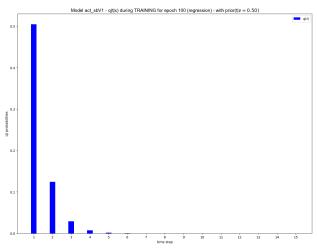


# Regression - behavior of **act\_sbV1** model (same behavior for different shape parameters)

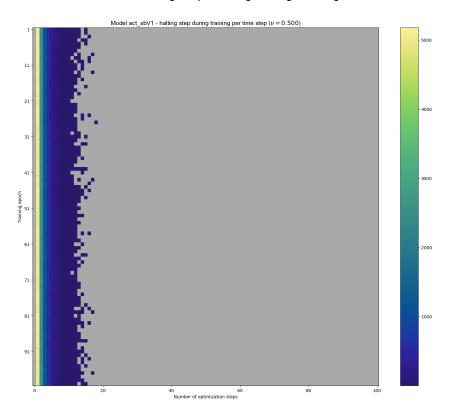
#### losses during training epochs per time step

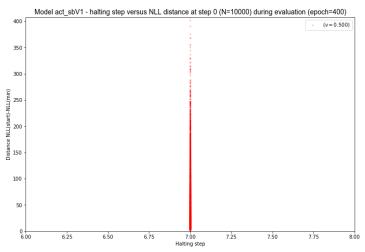


#### q(t|x) at the end of training

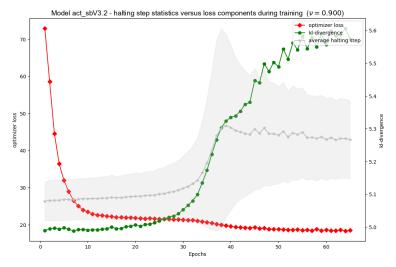


#### distribution of halting steps during during training

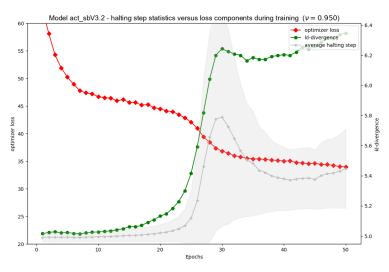




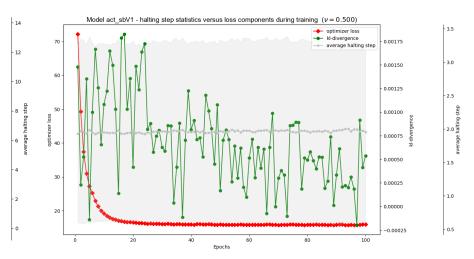
# Regression - learning curves



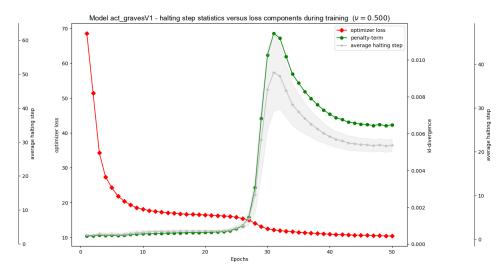
Halting step statistics final epoch: Range(1, 21) / mean=6.1 / stddev=2.6 / median=6.0



 $Halting\ step\ statistics\ final\ epoch:\ Range(1,\ 100)\ /\ mean=22.2\ /\ stddev=11.6\ /\ median=20.0$ 



Halting step statistics final epoch: Range(1, 15) / mean=2.0 / stddev=1.4 / median=1.0



Halting step statistics final epoch: Range(18, 34) / mean=21.5 / stddev=1.4 / median=21.0

# Regression - Compare test performance between: metaV1, ACT\_Graves model

