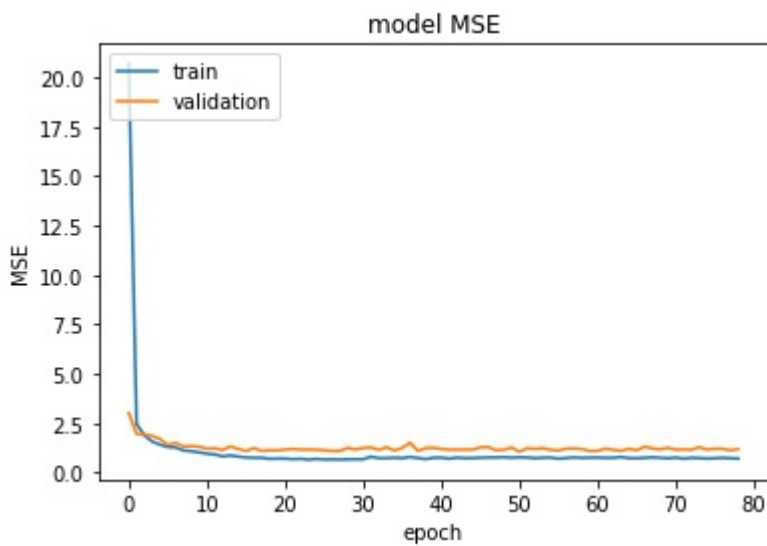
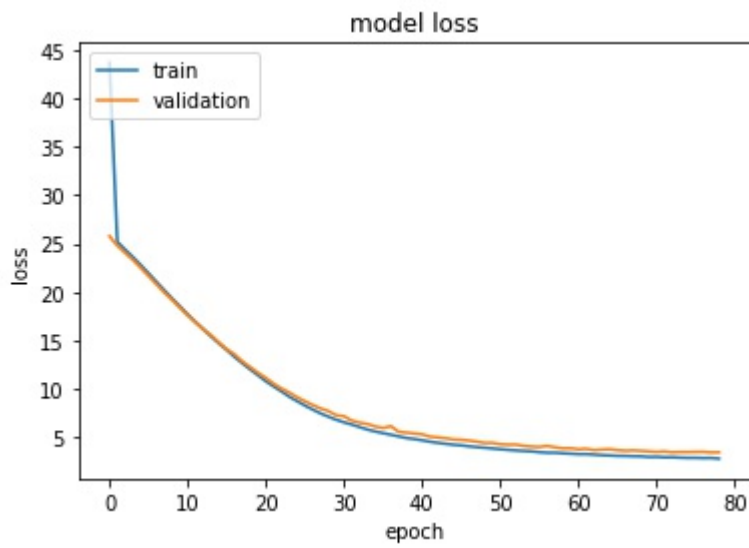


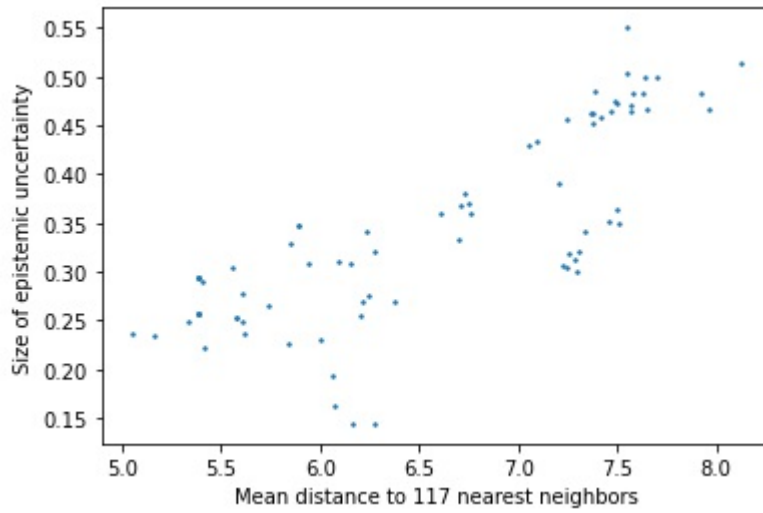
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0

=====

Total params: 10,744
Trainable params: 10,744
Non-trainable params: 0



val data sparsity plot



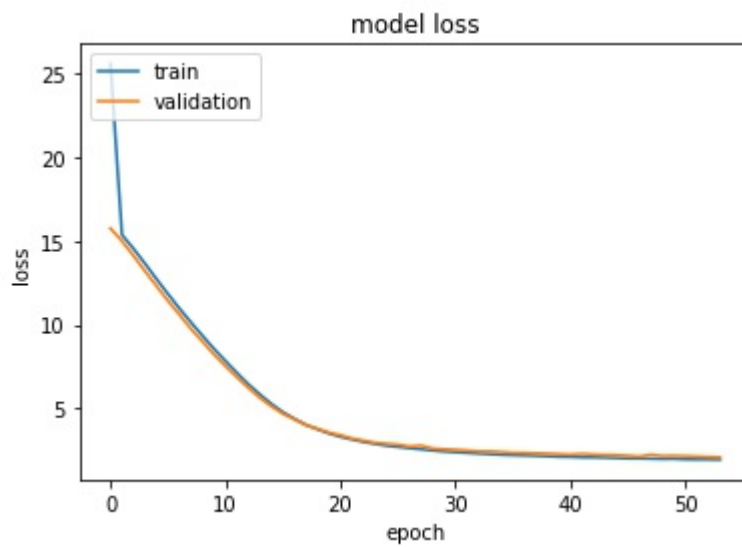
Building uncertainty for target: AR
Model: "bayesian_nn"

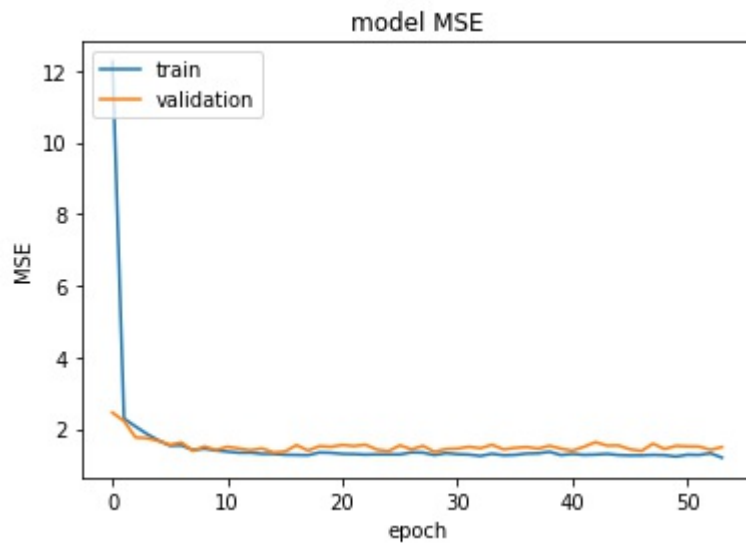
Layer (type)	Output Shape	Param #
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0

Total params: 10,744

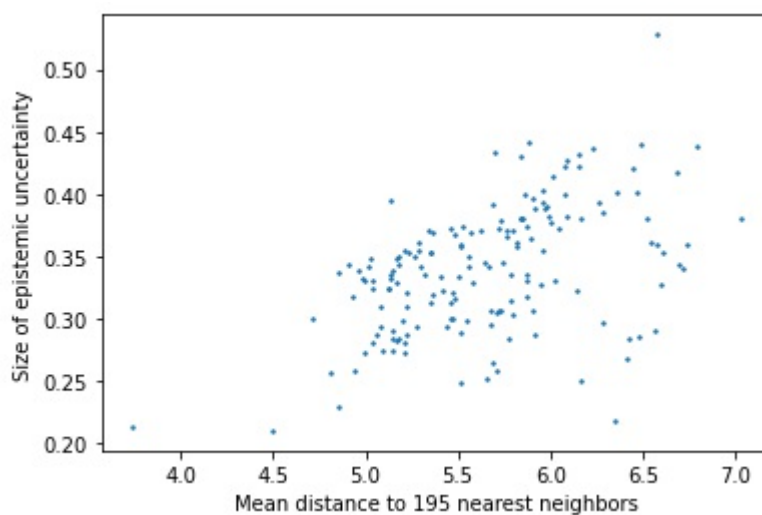
Trainable params: 10,744

Non-trainable params: 0



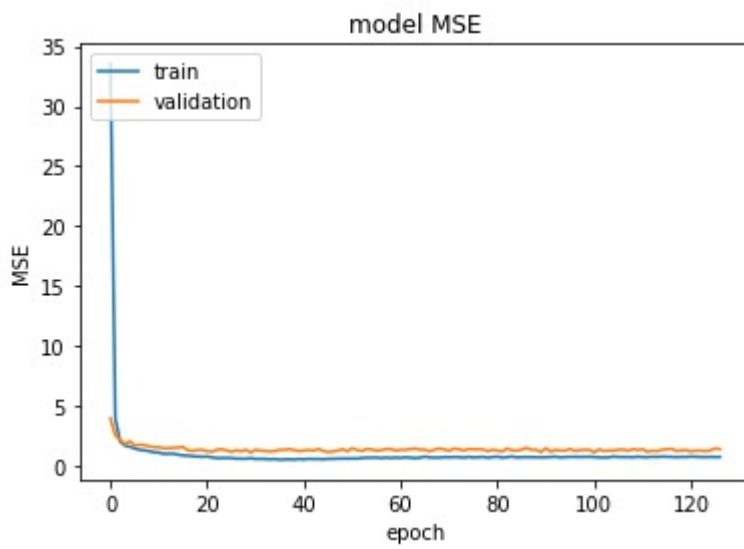
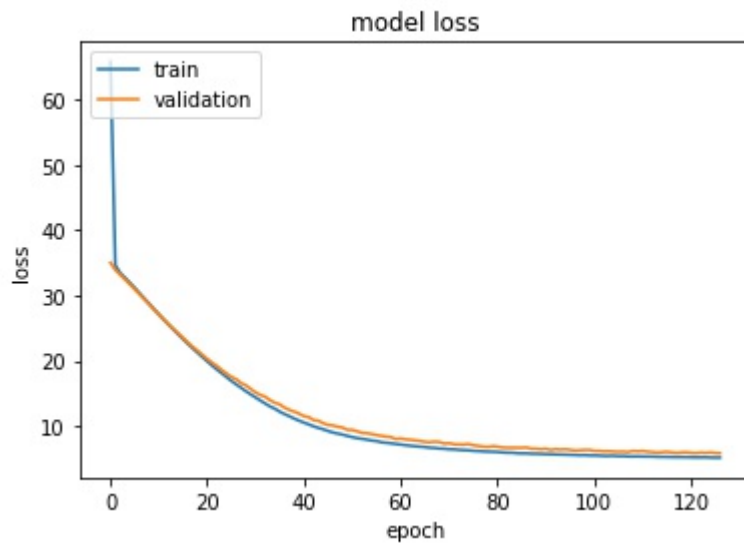


val data sparsity plot

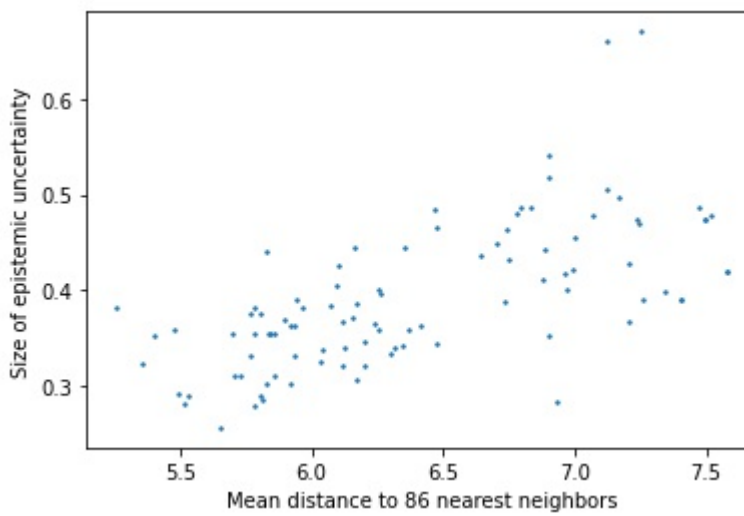


Building uncertainty for target: CHRM1
Model: "bayesian_nn"

Layer (type)	Output Shape	Param #
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0
Total params: 10,744		
Trainable params: 10,744		
Non-trainable params: 0		



val data sparsity plot



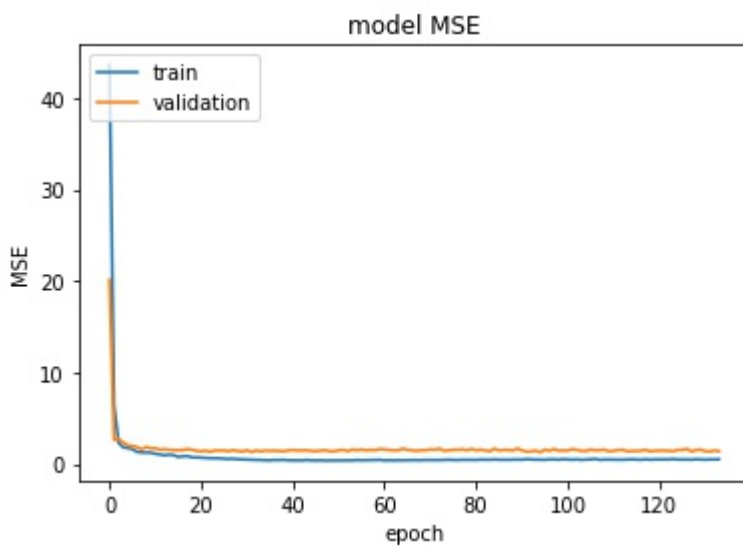
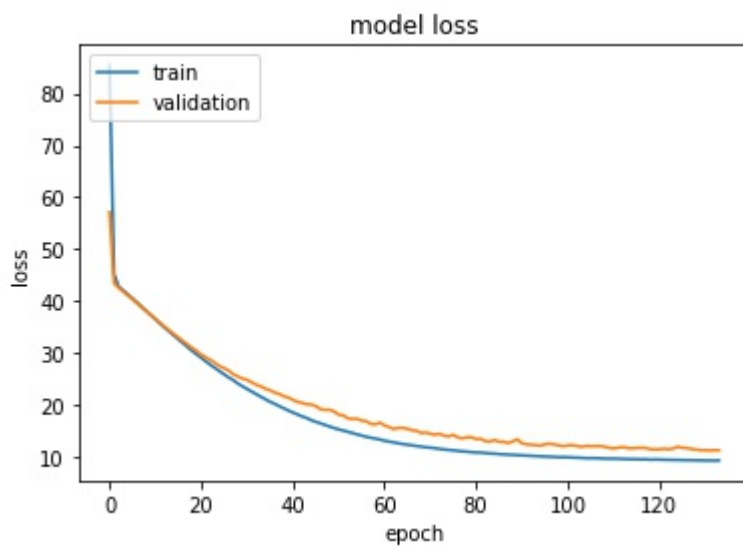
Building uncertainty for target: CHRM2
Model: "bayesian_nn"

Layer (type)	Output Shape	Param #
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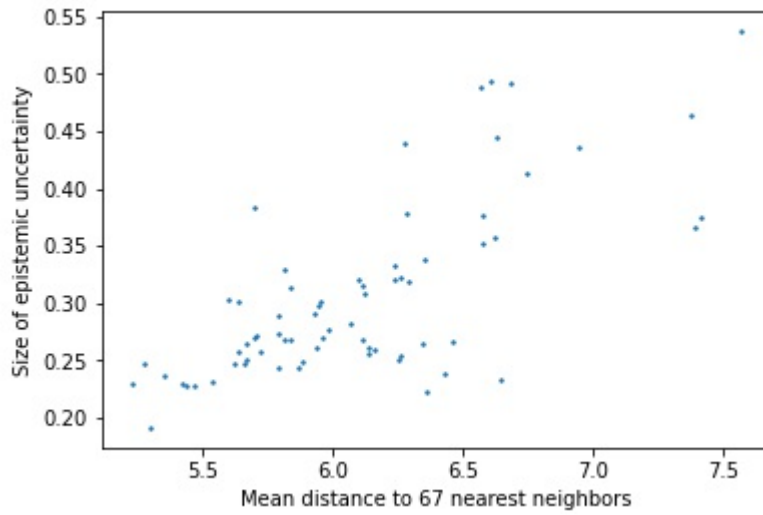
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0

=====

Total params: 10,744
 Trainable params: 10,744
 Non-trainable params: 0



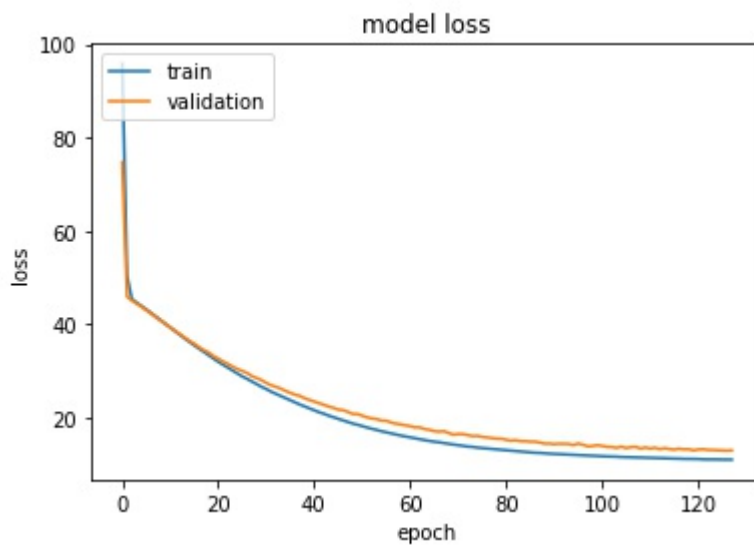
val data sparsity plot

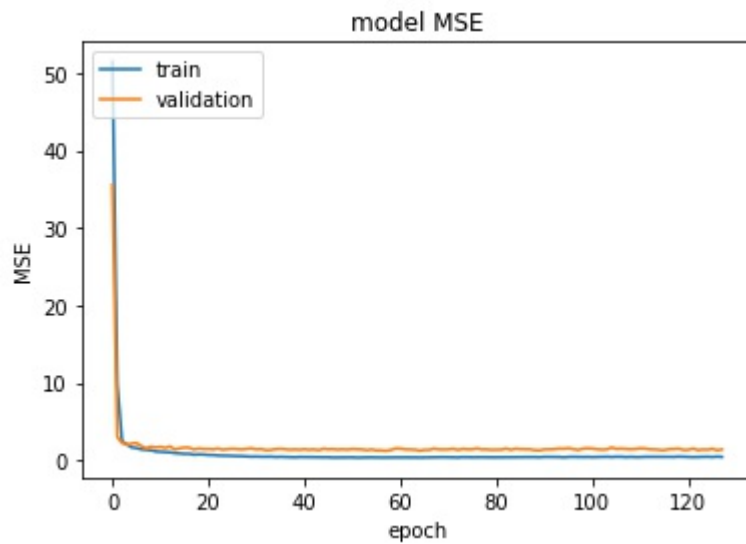


Building uncertainty for target: CHRM3
Model: "bayesian_nn"

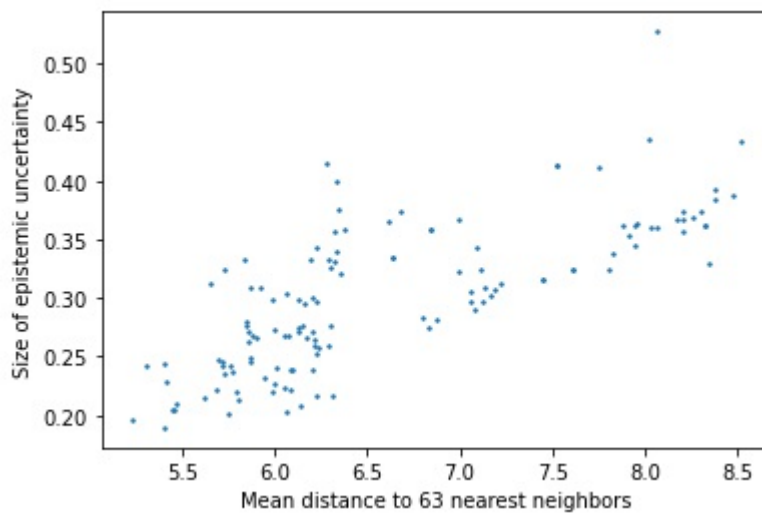
Layer (type)	Output Shape	Param #
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0

Total params: 10,744
Trainable params: 10,744
Non-trainable params: 0



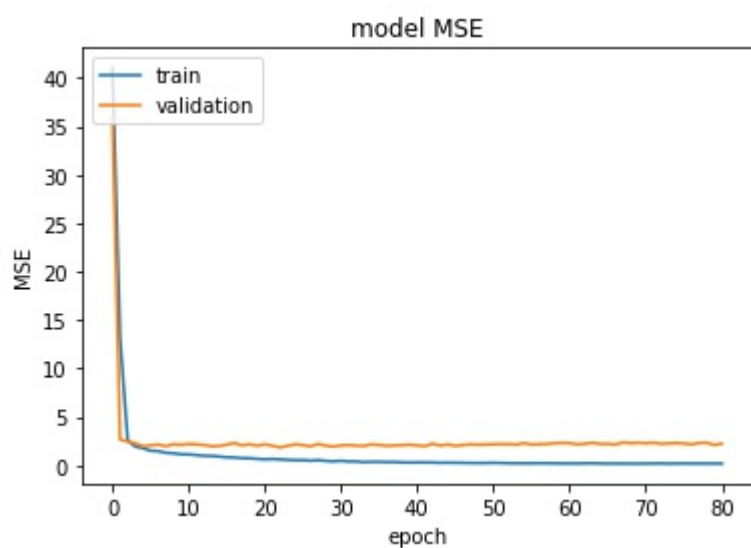
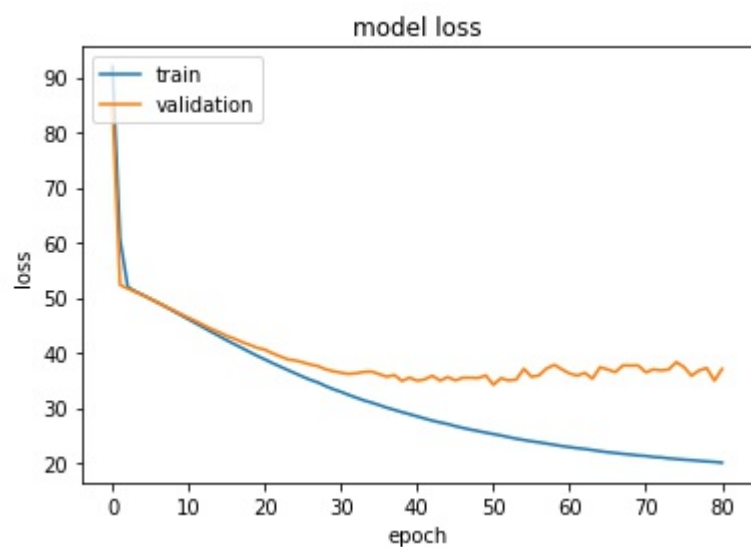


val data sparsity plot

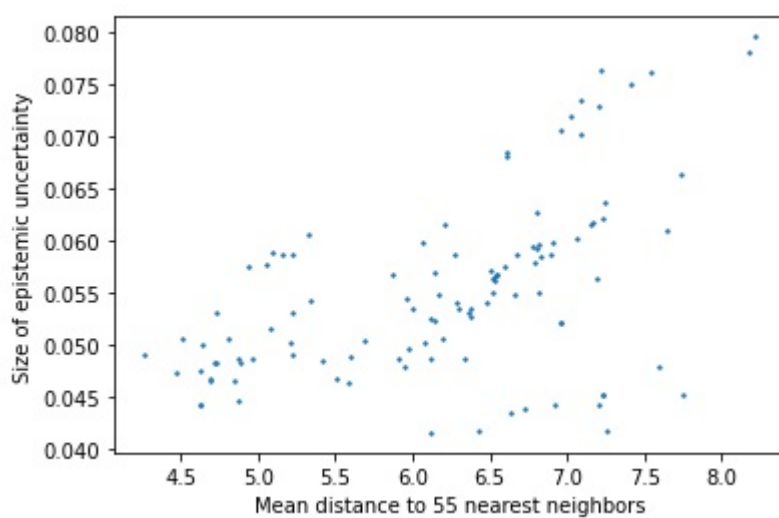


Building uncertainty for target: DD1R
Model: "bayesian_nn"

Layer (type)	Output Shape	Param #
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0
=====		
Total params: 10,744		
Trainable params: 10,744		
Non-trainable params: 0		



val data sparsity plot



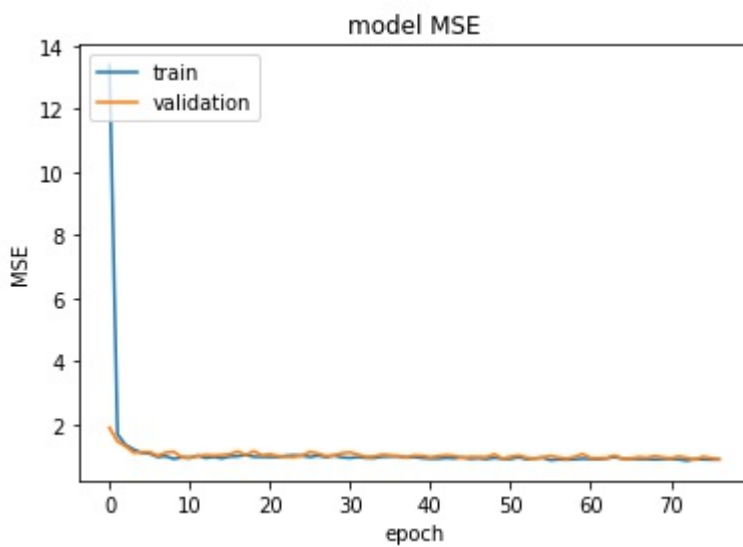
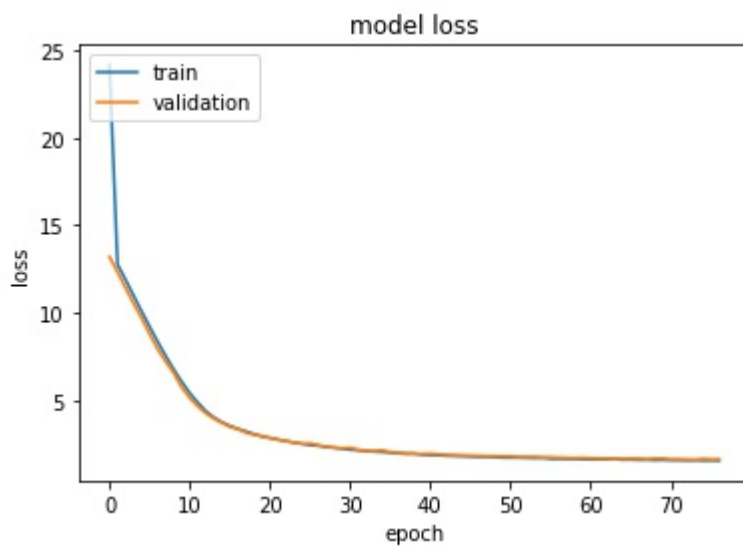
Building uncertainty for target: DD2R
Model: "bayesian_nn"

Layer (type)	Output Shape	Param #
=====		

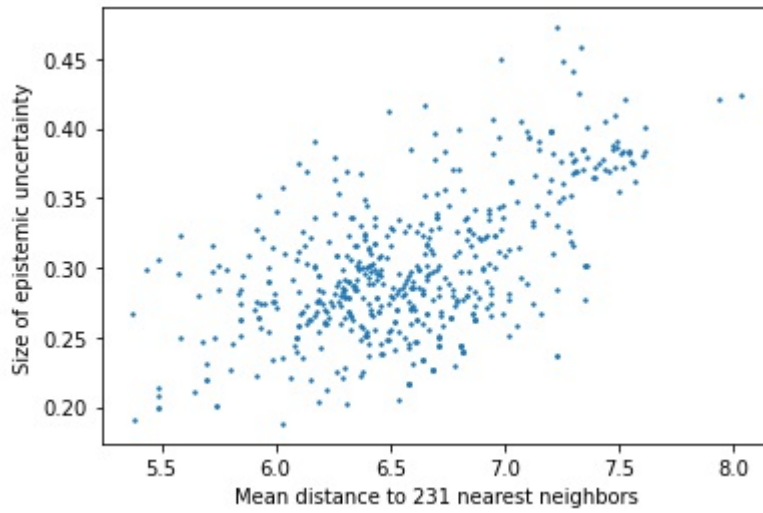
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0

=====

Total params: 10,744
Trainable params: 10,744
Non-trainable params: 0



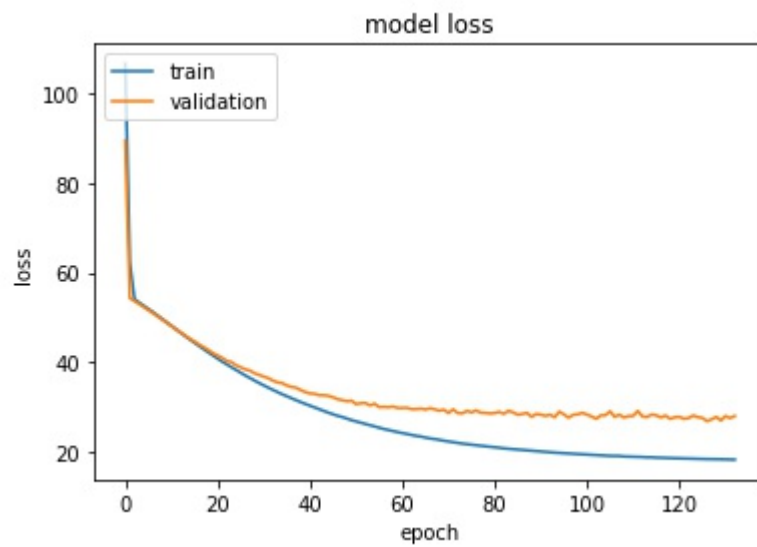
val data sparsity plot

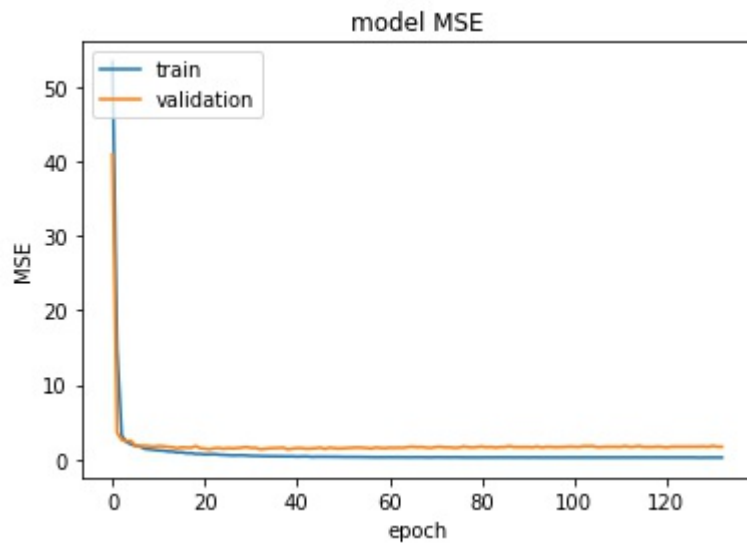


Building uncertainty for target: EDNRA
Model: "bayesian_nn"

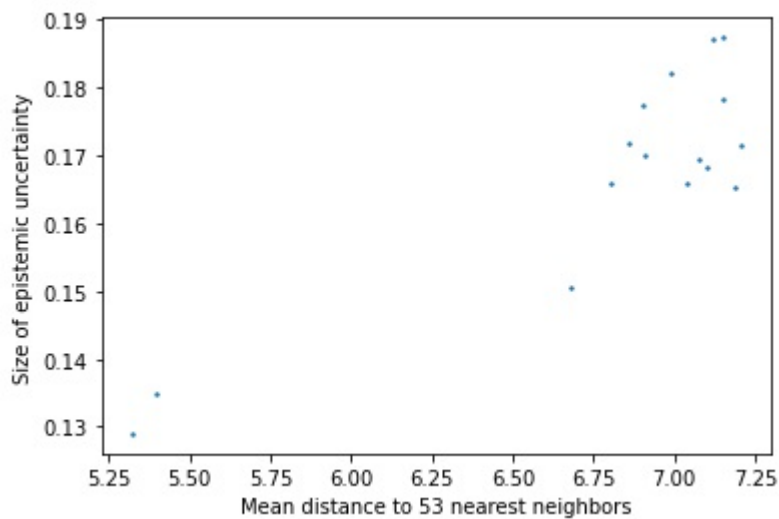
Layer (type)	Output Shape	Param #
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0

Total params: 10,744
Trainable params: 10,744
Non-trainable params: 0



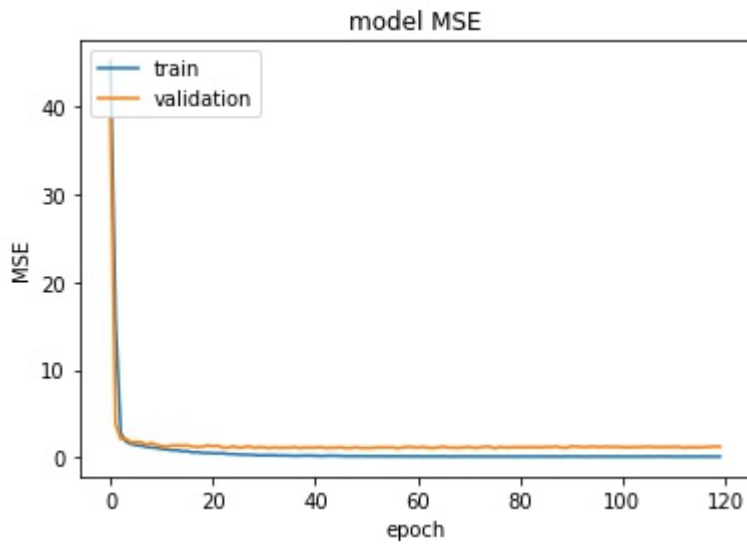
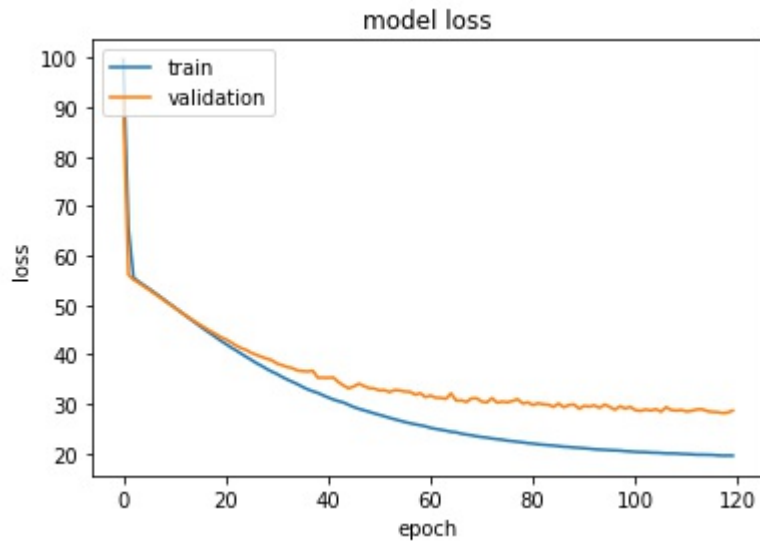


val data sparsity plot

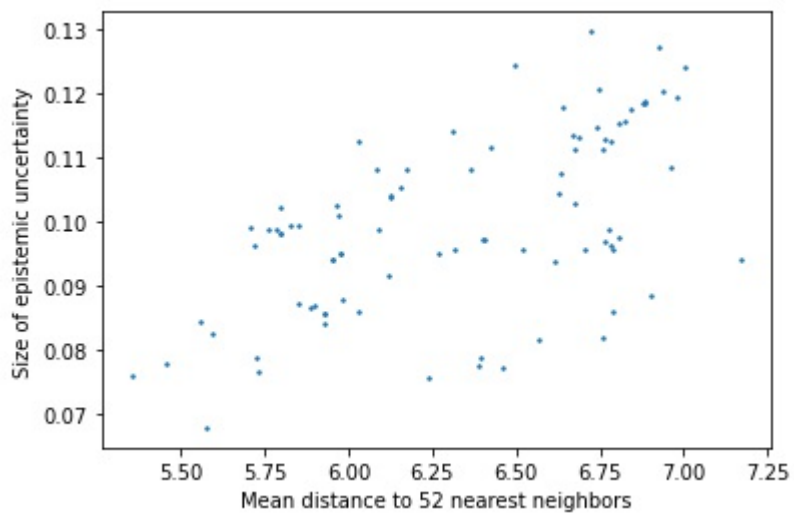


Building uncertainty for target: HRH1
Model: "bayesian_nn"

Layer (type)	Output Shape	Param #
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0
=====		
Total params: 10,744		
Trainable params: 10,744		
Non-trainable params: 0		



val data sparsity plot



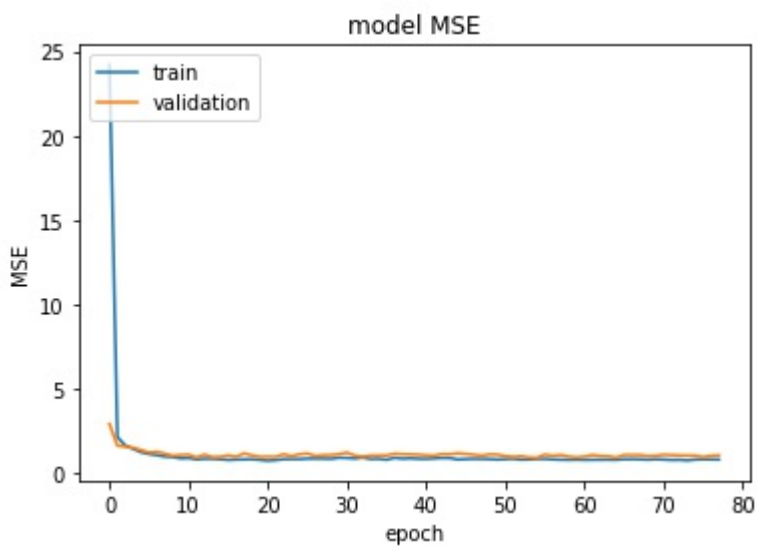
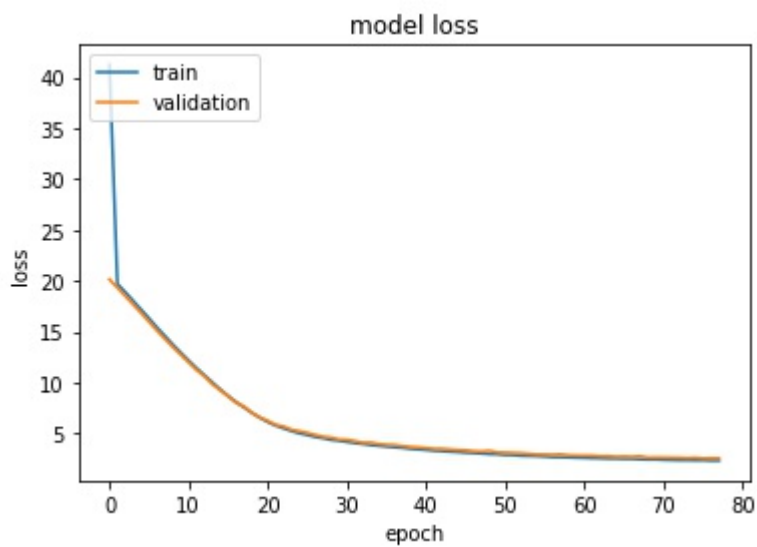
Building uncertainty for target: HTR2A
Model: "bayesian_nn"

Layer (type)	Output Shape	Param #
=====		

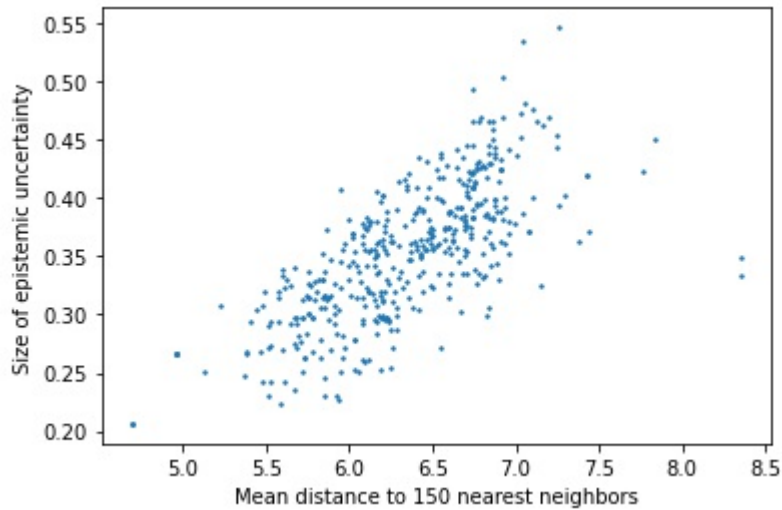
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0

=====

Total params: 10,744
 Trainable params: 10,744
 Non-trainable params: 0



val data sparsity plot



Building uncertainty for target: KCNH2

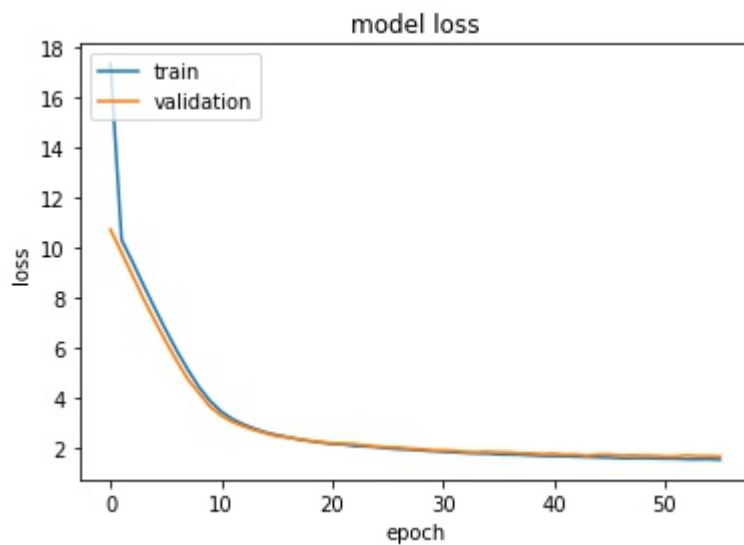
Model: "bayesian_nn"

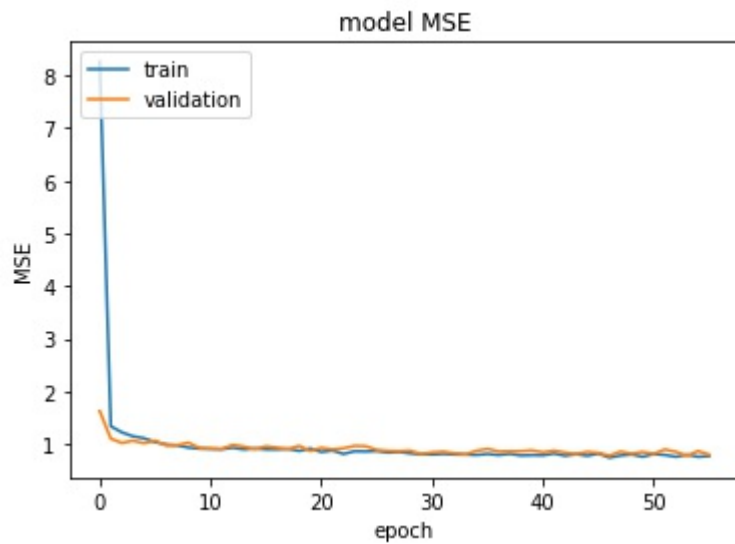
Layer (type)	Output Shape	Param #
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0

Total params: 10,744

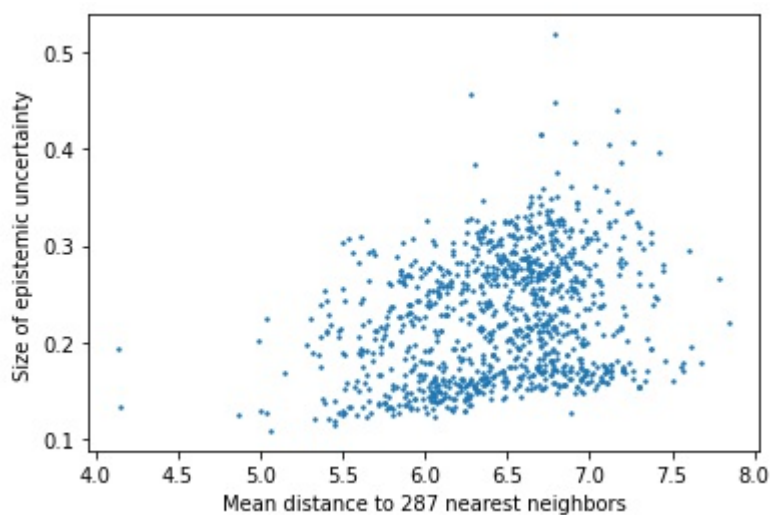
Trainable params: 10,744

Non-trainable params: 0



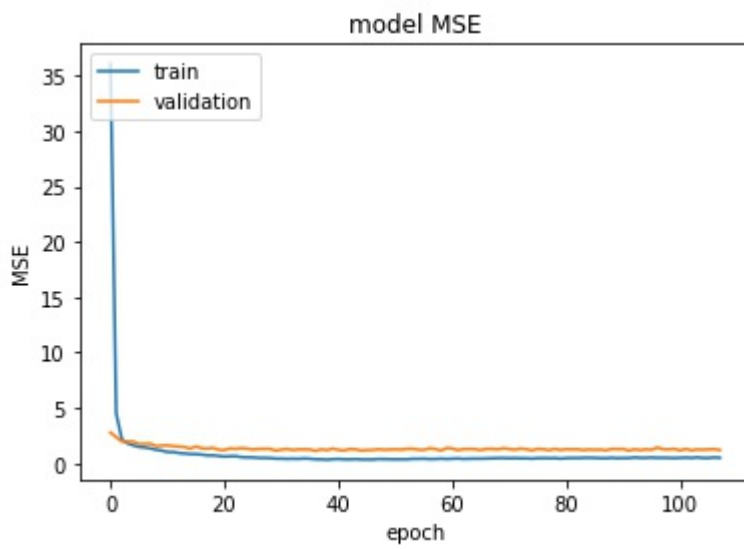
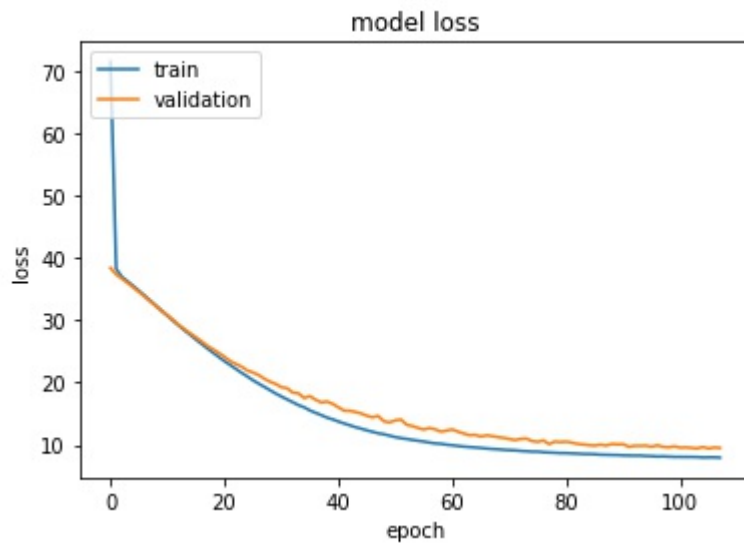


val data sparsity plot

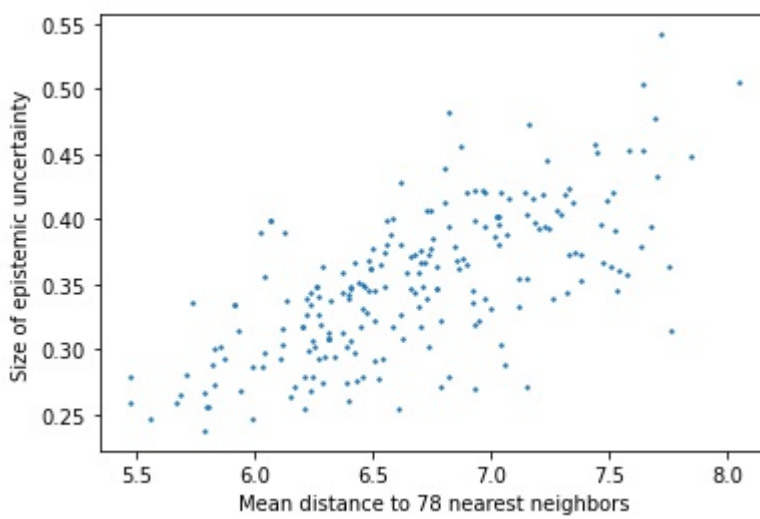


Building uncertainty for target: LCK
Model: "bayesian_nn"

Layer (type)	Output Shape	Param #
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0
=====		
Total params: 10,744		
Trainable params: 10,744		
Non-trainable params: 0		



val data sparsity plot



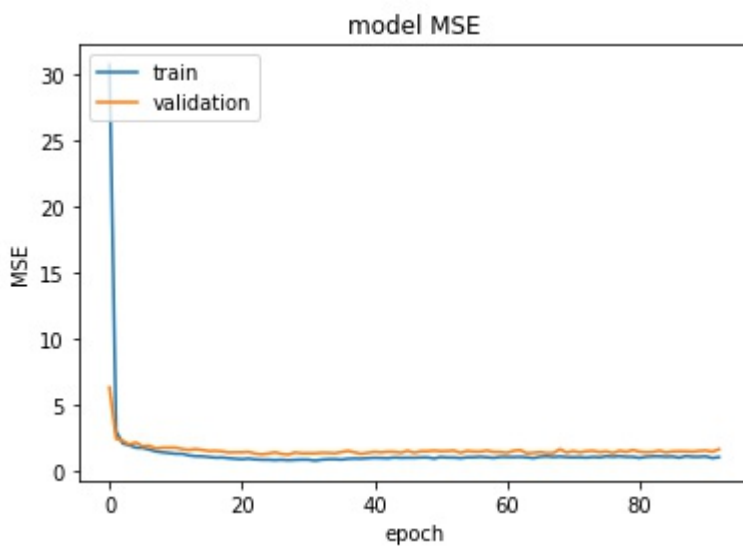
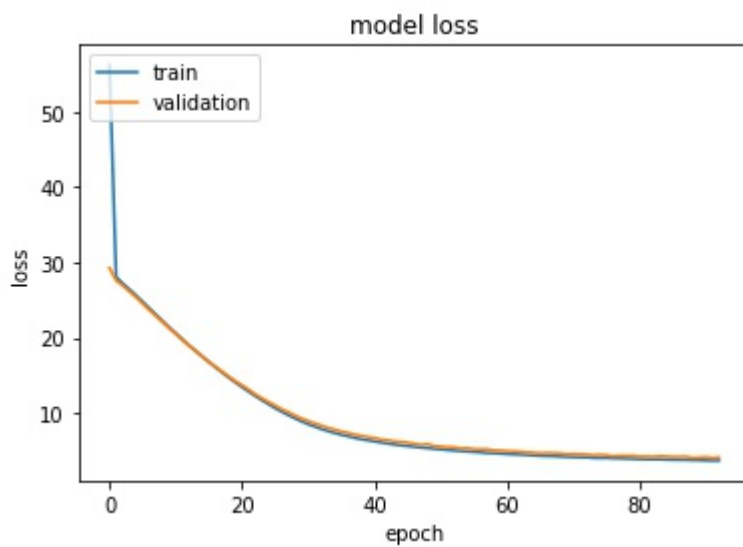
Building uncertainty for target: NR3C1
Model: "bayesian_nn"

Layer (type)	Output Shape	Param #
=====		

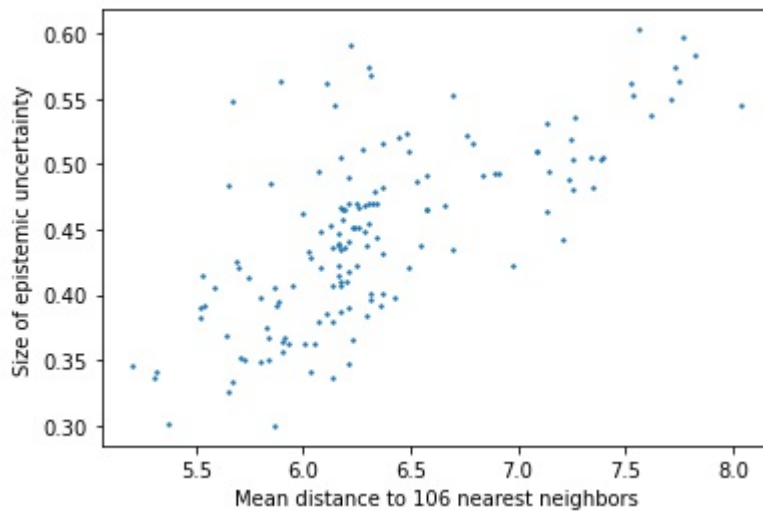
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0

=====

Total params: 10,744
Trainable params: 10,744
Non-trainable params: 0



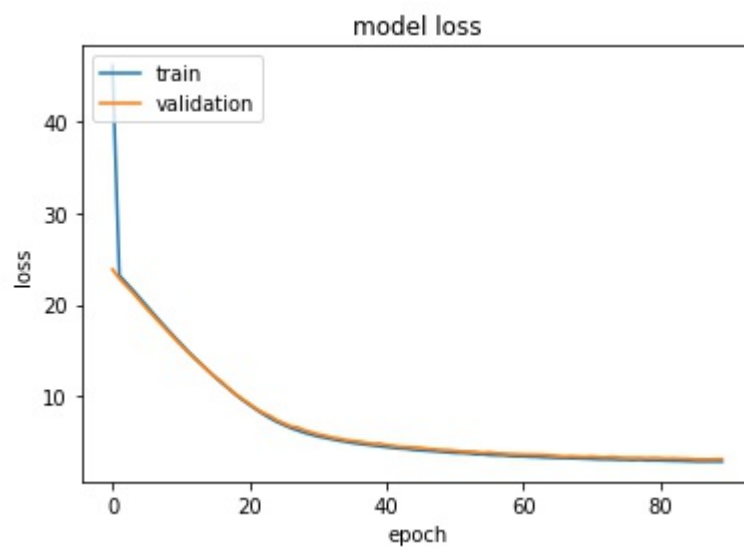
val data sparsity plot

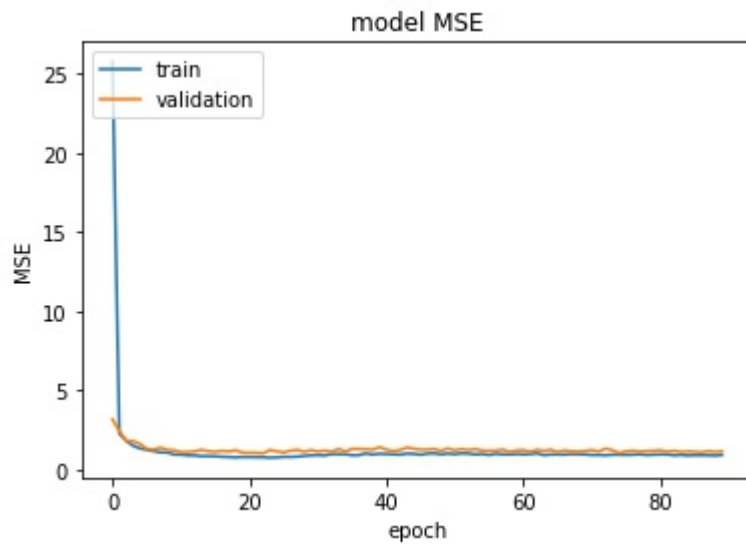


Building uncertainty for target: OPRD1
Model: "bayesian_nn"

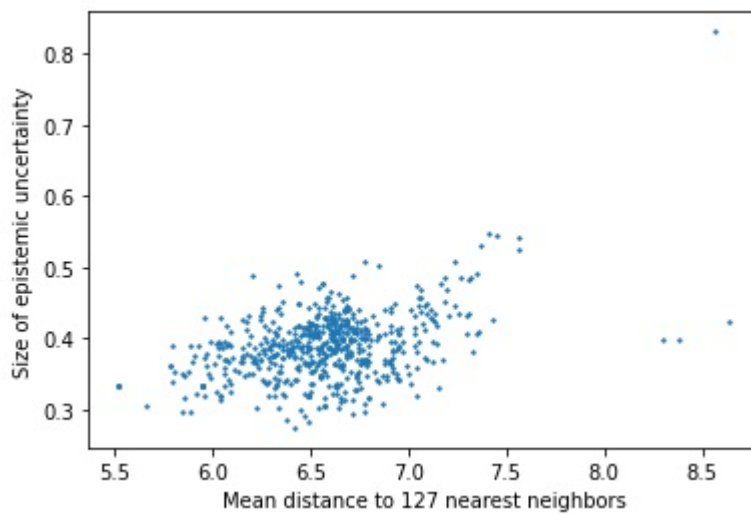
Layer (type)	Output Shape	Param #
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0

Total params: 10,744
Trainable params: 10,744
Non-trainable params: 0



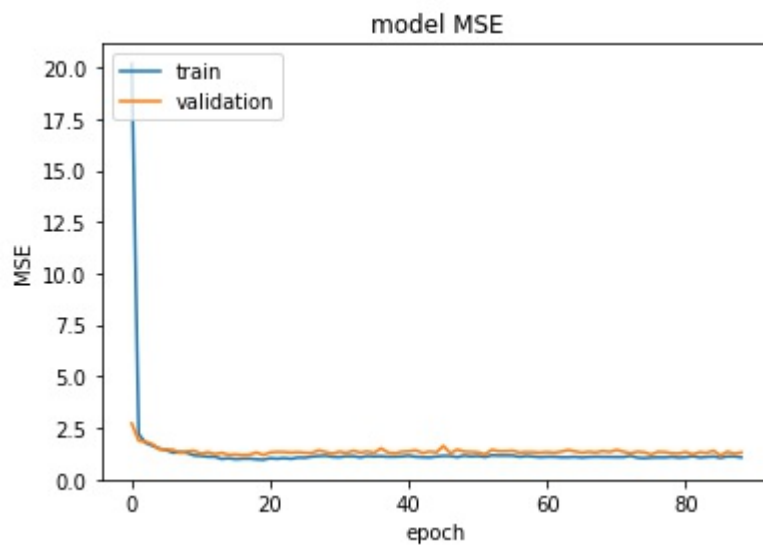
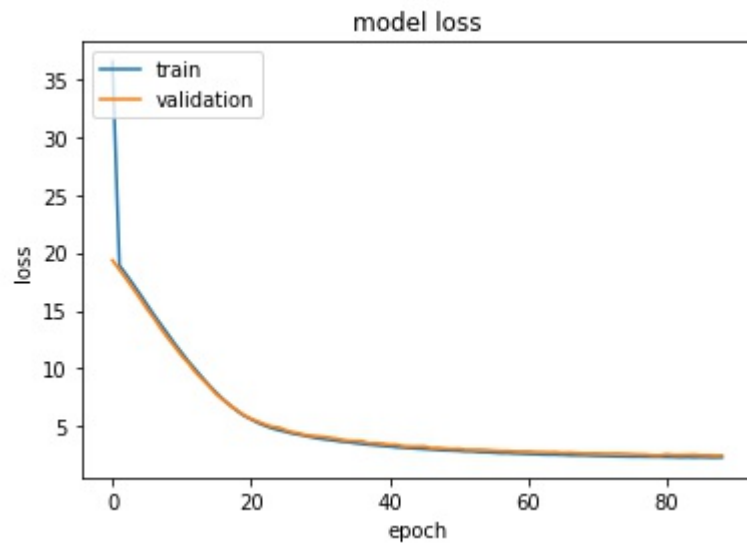


val data sparsity plot

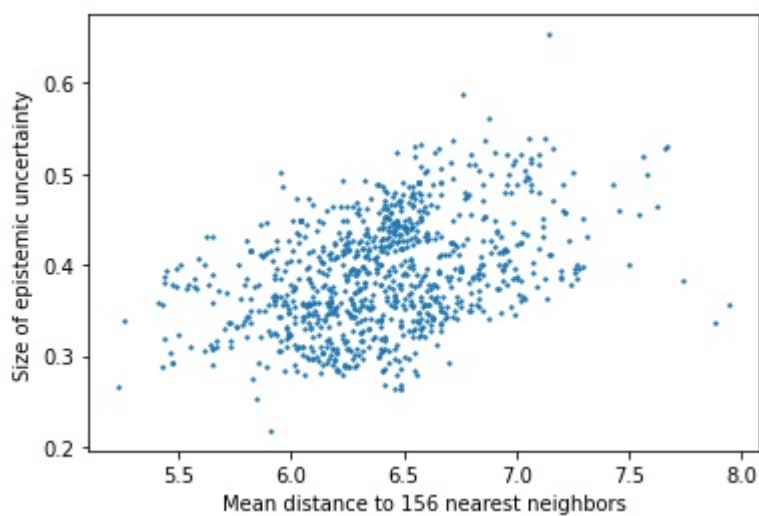


Building uncertainty for target: OPRM1
Model: "bayesian_nn"

Layer (type)	Output Shape	Param #
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0
=====		
Total params: 10,744		
Trainable params: 10,744		
Non-trainable params: 0		



val data sparsity plot



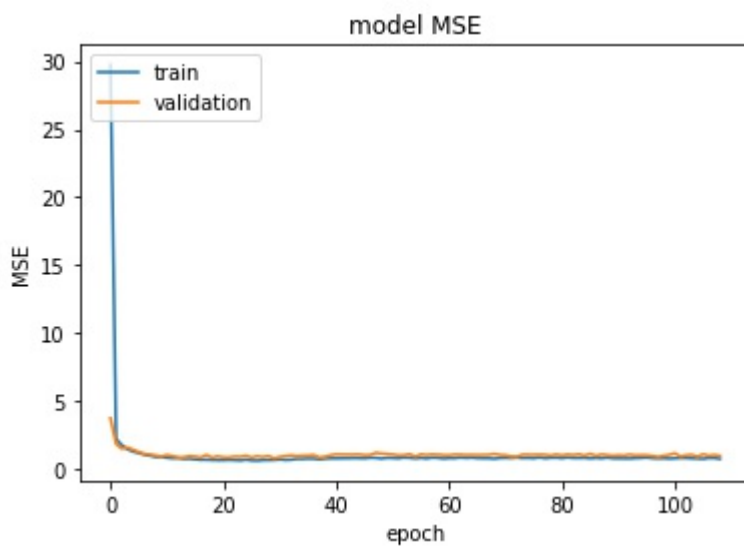
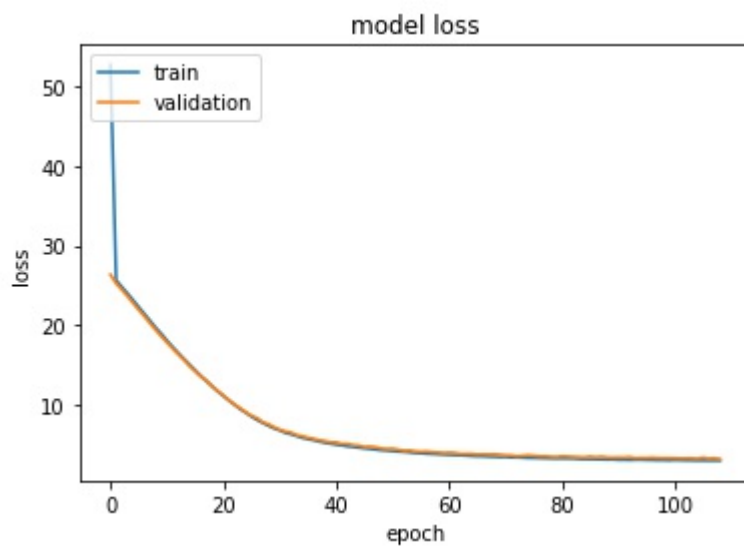
Building uncertainty for target: SLC6A2
Model: "bayesian_nn"

Layer (type)	Output Shape	Param #
=====		

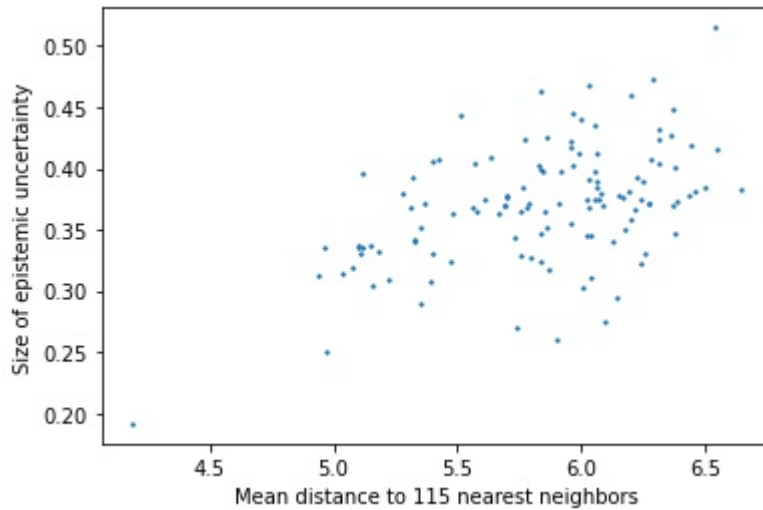
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0

=====

Total params: 10,744
Trainable params: 10,744
Non-trainable params: 0



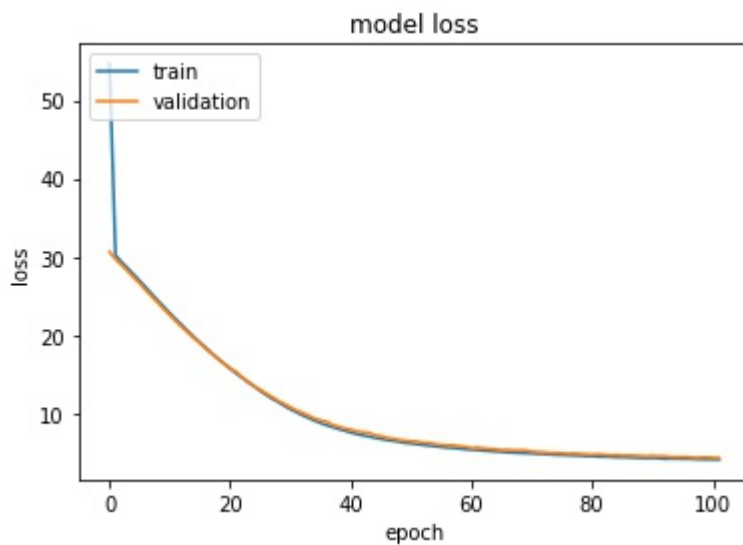
val data sparsity plot

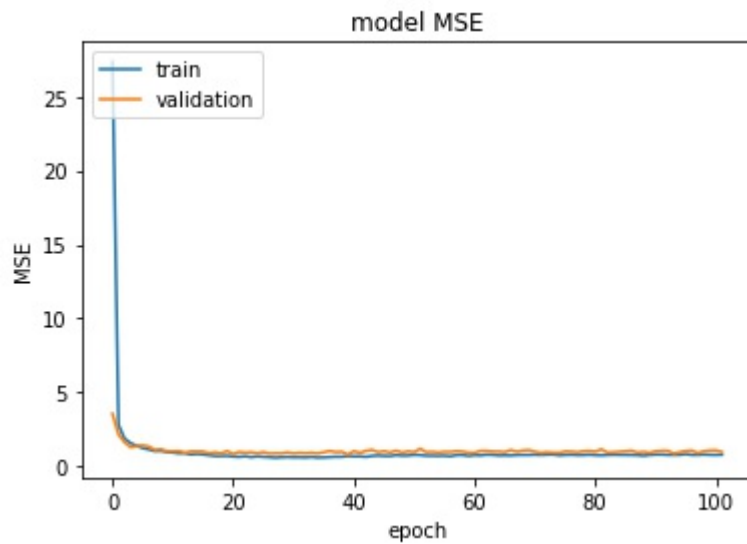


Building uncertainty for target: SLC6A3
Model: "bayesian_nn"

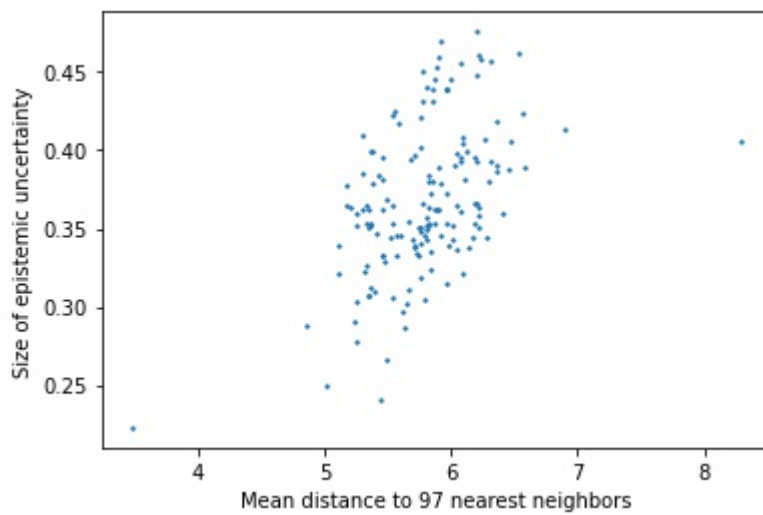
Layer (type)	Output Shape	Param #
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0

Total params: 10,744
Trainable params: 10,744
Non-trainable params: 0



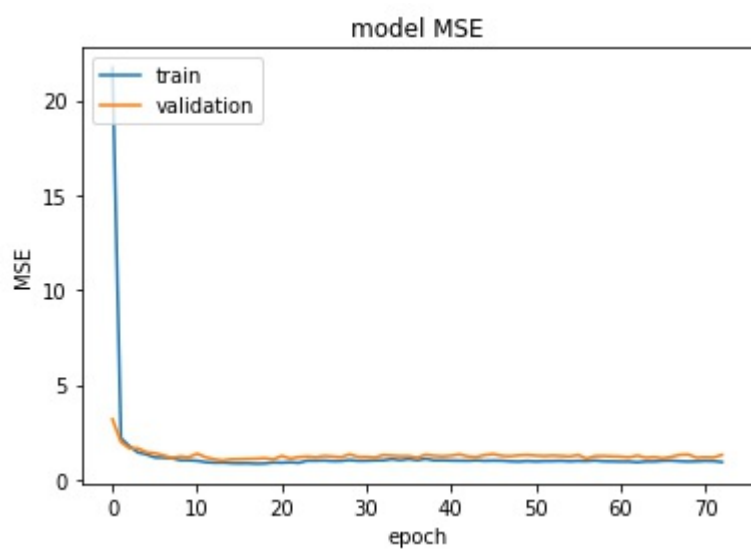
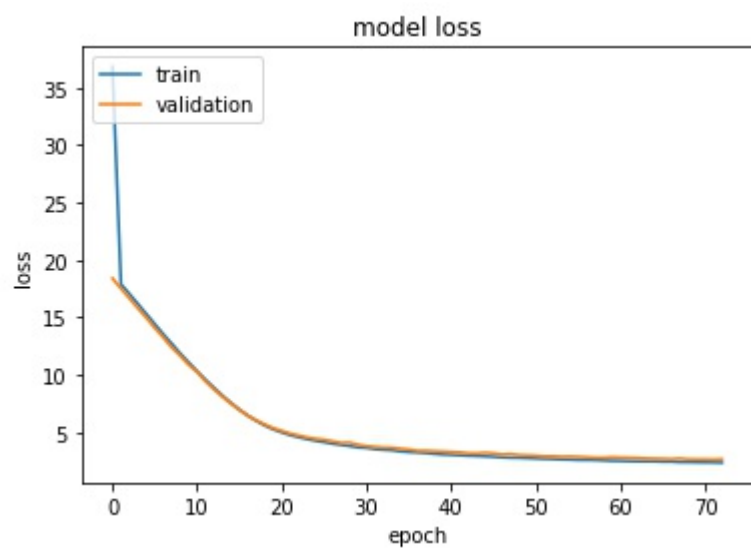


val data sparsity plot

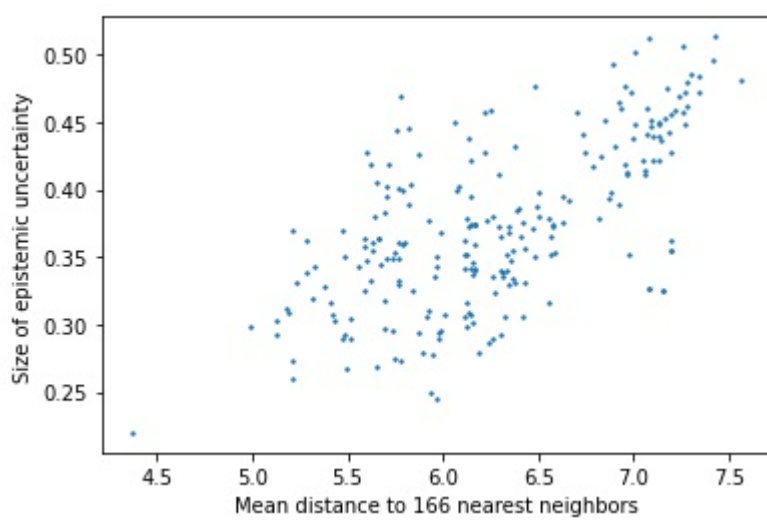


Building uncertainty for target: SLC6A4
Model: "bayesian_nn"

Layer (type)	Output Shape	Param #
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLambda)	((None, 1), (None, 1))	0
Total params: 10,744		
Trainable params: 10,744		
Non-trainable params: 0		



val data sparsity plot



In [3]: