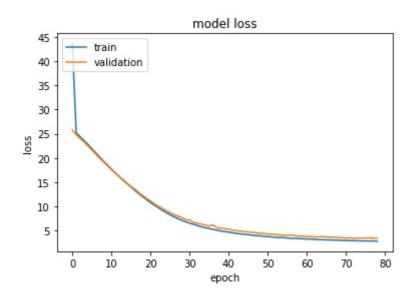
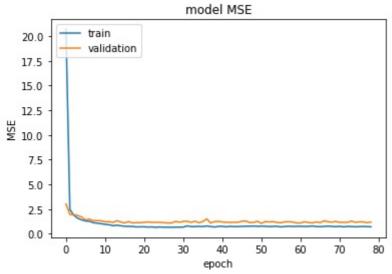
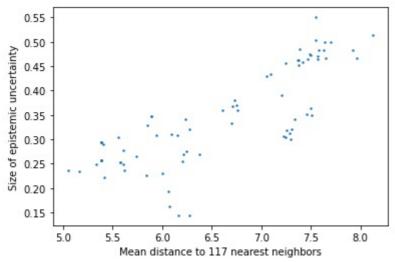
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
<pre>posterior (DistributionLamb da)</pre>	((None, 1), (None, 1))	0



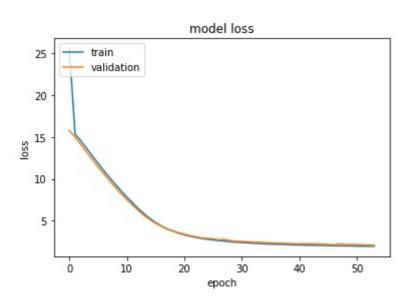


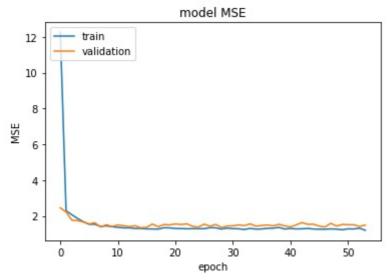
val data sparsity plot



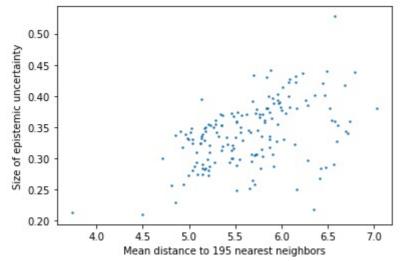
Building uncertainty for target: AR Model: "bayesian_nn"

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 (DistributionLamb da)	((None, 1), (None, 1))	0



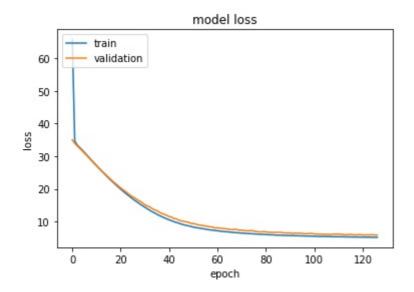


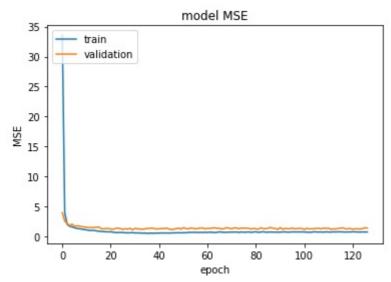
val data sparsity plot



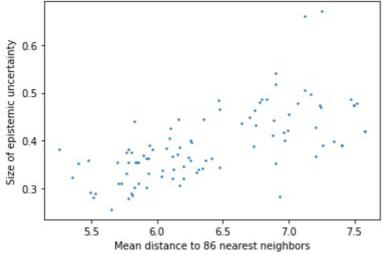
Building uncertainty for target: CHRM1 Model: "bayesian_nn"

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 (DistributionLamb da)	((None, 1), (None, 1))	0





val data sparsity plot

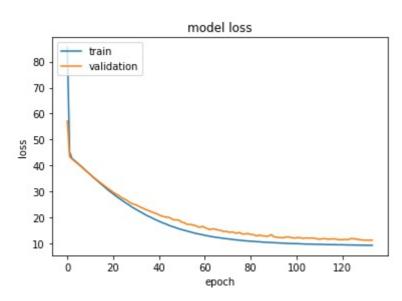


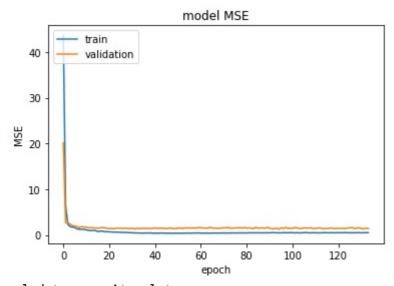
Building uncertainty for target: CHRM2 Model: "bayesian_nn"

Layer (type)	Output Shape	Param #

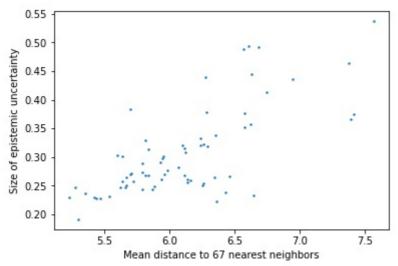
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLamb da)	((None, 1), (None, 1))	0

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





val data sparsity plot

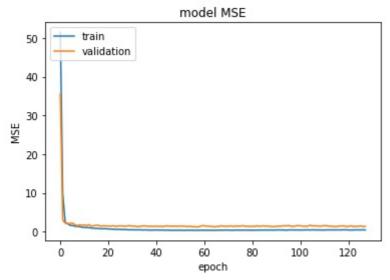


Building uncertainty for target: CHRM3 Model: "bayesian_nn"

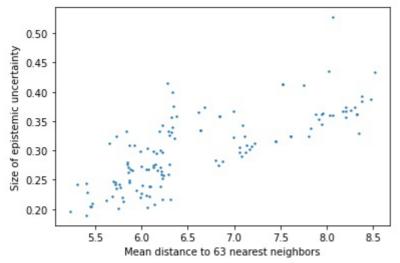
Layer (type)	Output Shape	Param #
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLaml da)	((None, 1), (None, 1))	0

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

model loss 100 train validation 80 60 055 40 20 ó 20 100 120 40 60 80 epoch

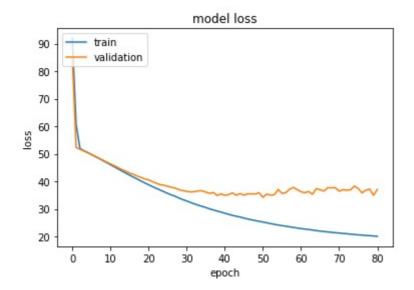


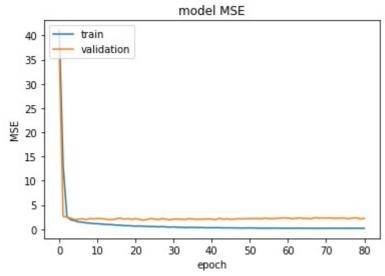
val data sparsity plot



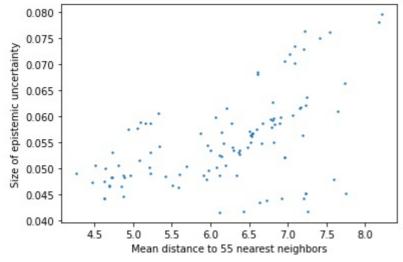
Building uncertainty for target: DD1R Model: "bayesian_nn"

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 (DistributionLamb da)	((None, 1), (None, 1))	0





val data sparsity plot

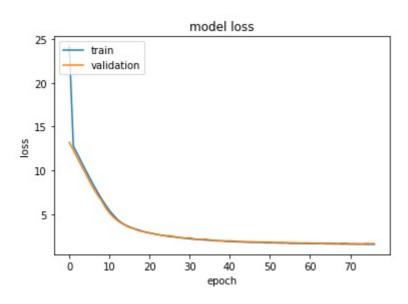


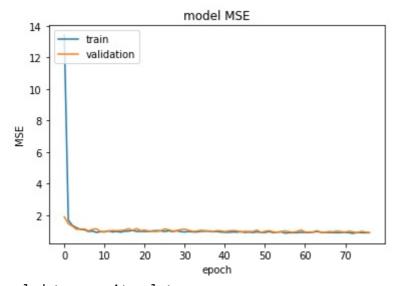
Building uncertainty for target: DD2R Model: "bayesian_nn"

Layer (type)	Output Shape	Param #

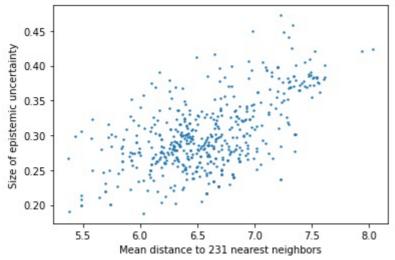
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLamb da)	((None, 1), (None, 1))	0

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



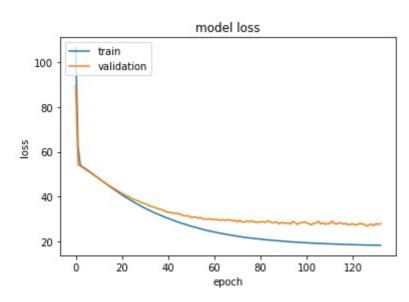


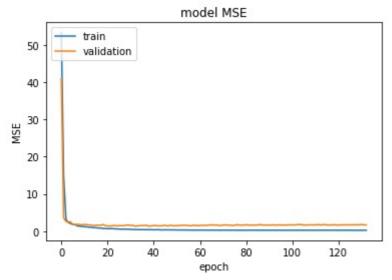
val data sparsity plot



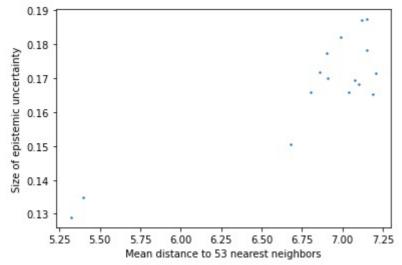
Building uncertainty for target: EDNRA Model: "bayesian_nn"

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 (DistributionLamb da)	((None, 1), (None, 1))	0



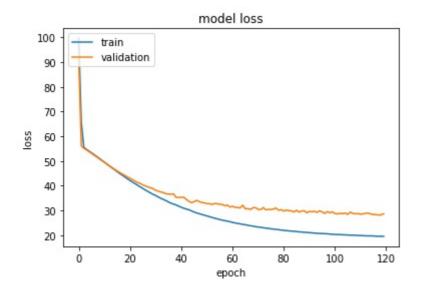


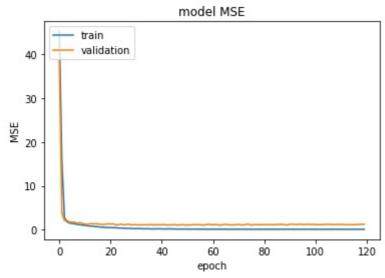
val data sparsity plot



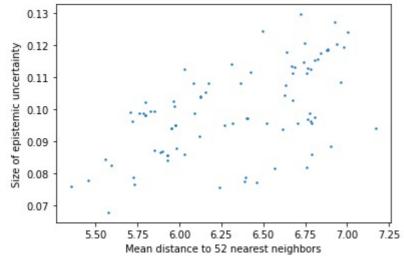
Building uncertainty for target: HRH1 Model: "bayesian_nn"

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 (DistributionLamb da)	((None, 1), (None, 1))	0





val data sparsity plot

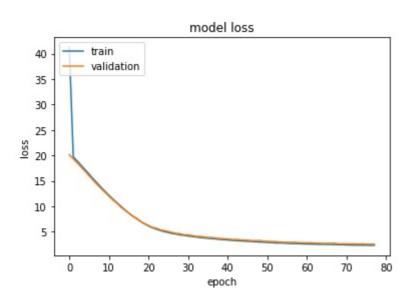


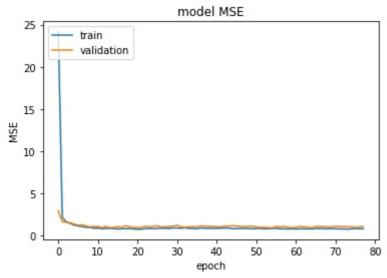
Building uncertainty for target: HTR2A Model: "bayesian_nn"

Layer (type)	Output Shape	 Param #

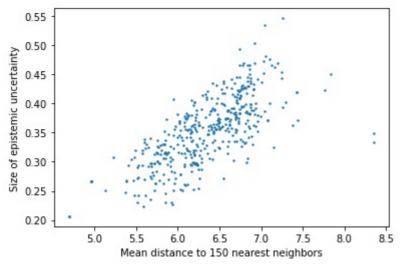
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLamb da)	((None, 1), (None, 1))	0

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





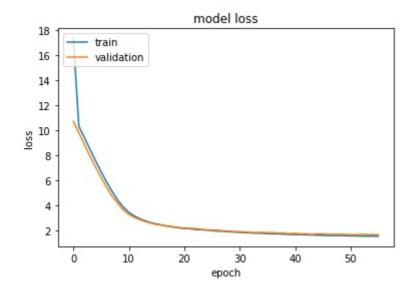
val data sparsity plot

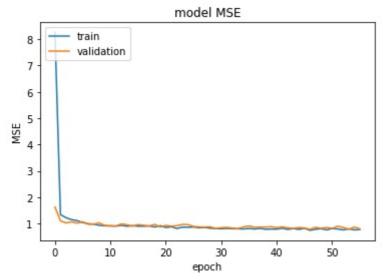


Building uncertainty for target: KCNH2 Model: "bayesian nn"

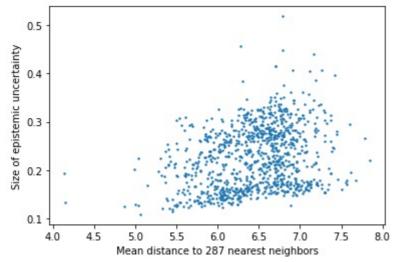
nodet.	Dayest	a11_1111	
Laver	(type)		

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 (DistributionLamb da)	((None, 1), (None, 1))	0



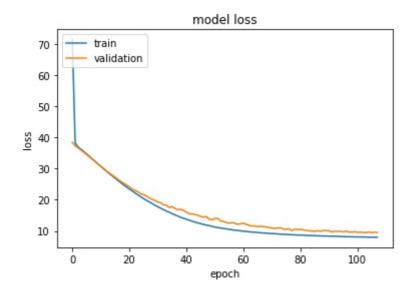


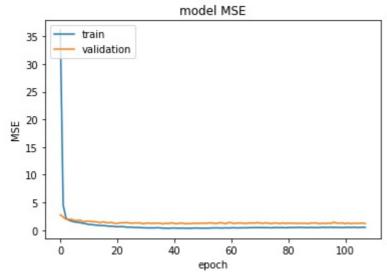
val data sparsity plot



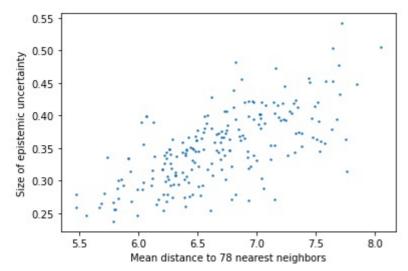
Building uncertainty for target: LCK Model: "bayesian_nn"

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 (DistributionLamb da)	((None, 1), (None, 1))	0





val data sparsity plot

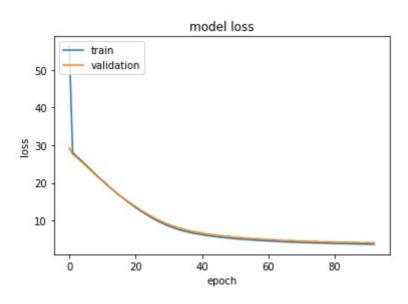


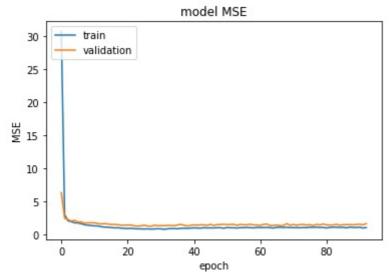
Building uncertainty for target: NR3C1 Model: "bayesian_nn"

Layer (type)	Output Shape	Param #

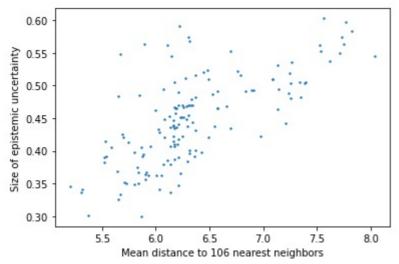
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLamb da)	((None, 1), (None, 1))	0

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



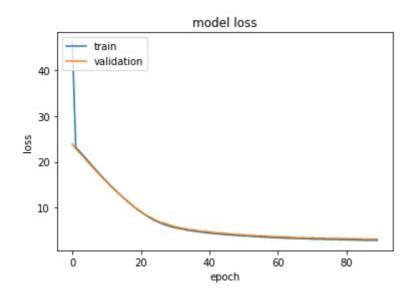


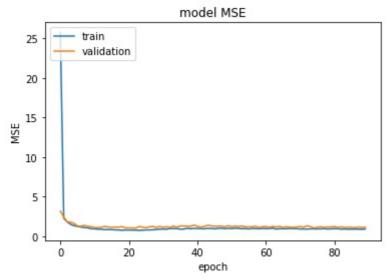
val data sparsity plot



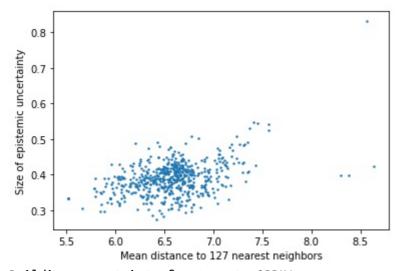
Building uncertainty for target: OPRD1 Model: "bayesian_nn"

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 (DistributionLaml da)	o ((None, 1), (None, 1))	0



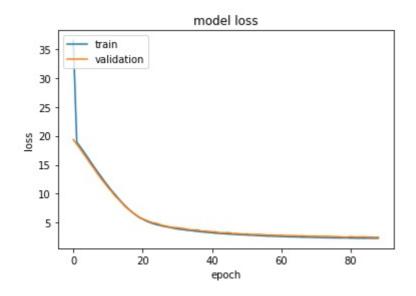


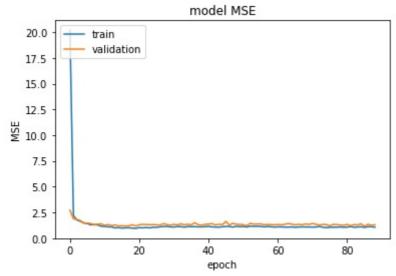
val data sparsity plot



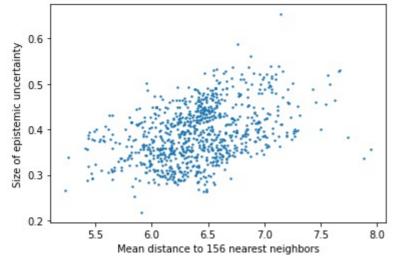
Building uncertainty for target: OPRM1 Model: "bayesian_nn"

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 (DistributionLamb da)	((None, 1), (None, 1))	0





val data sparsity plot

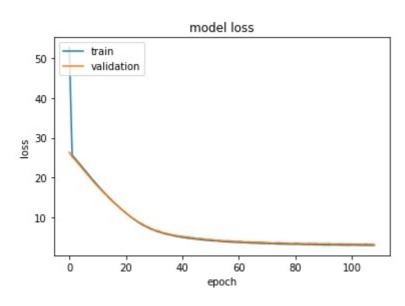


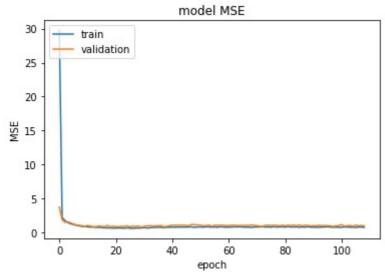
Building uncertainty for target: SLC6A2 Model: "bayesian_nn"

Layer (type)	Output Shape	Param #

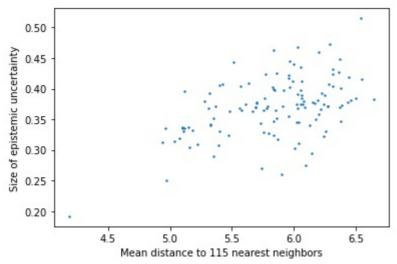
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLamb da)	((None, 1), (None, 1))	0

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





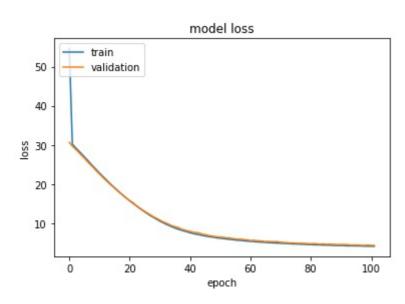
val data sparsity plot

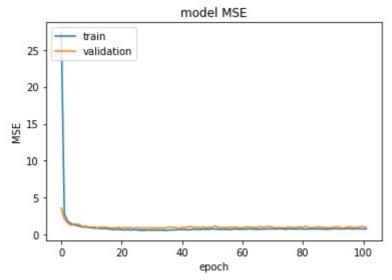


Building uncertainty for target: SLC6A3 Model: "bayesian_nn"

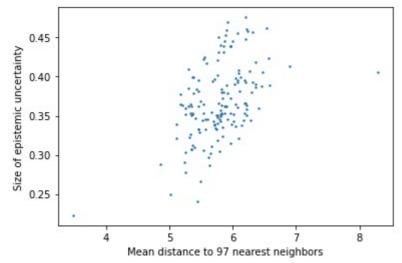
Layer (type)	Output Shape	Param #
dense1 (DenseVariational)	(None, 10)	10260
dense2 (DenseVariational)	(None, 10)	220
dense3 (DenseVariational)	(None, 10)	220
mve (DenseVariational)	(None, 2)	44
posterior (DistributionLamb da)	((None, 1), (None, 1))	0

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



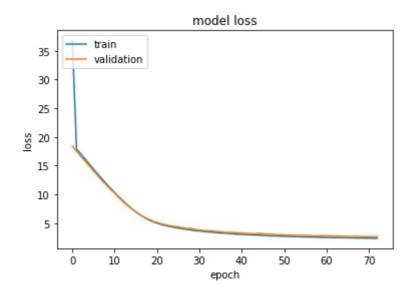


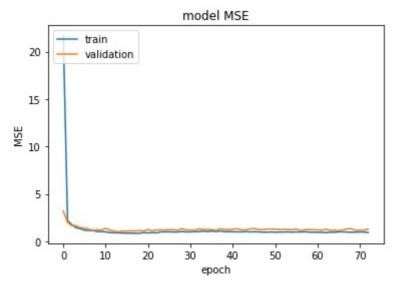
val data sparsity plot



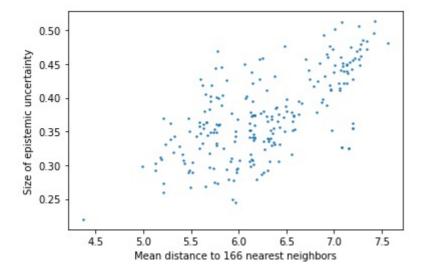
Building uncertainty for target: SLC6A4 Model: "bayesian_nn"

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 (DistributionLamb da)	O ((None, 1), (None, 1))	0





val data sparsity plot



In [3]: