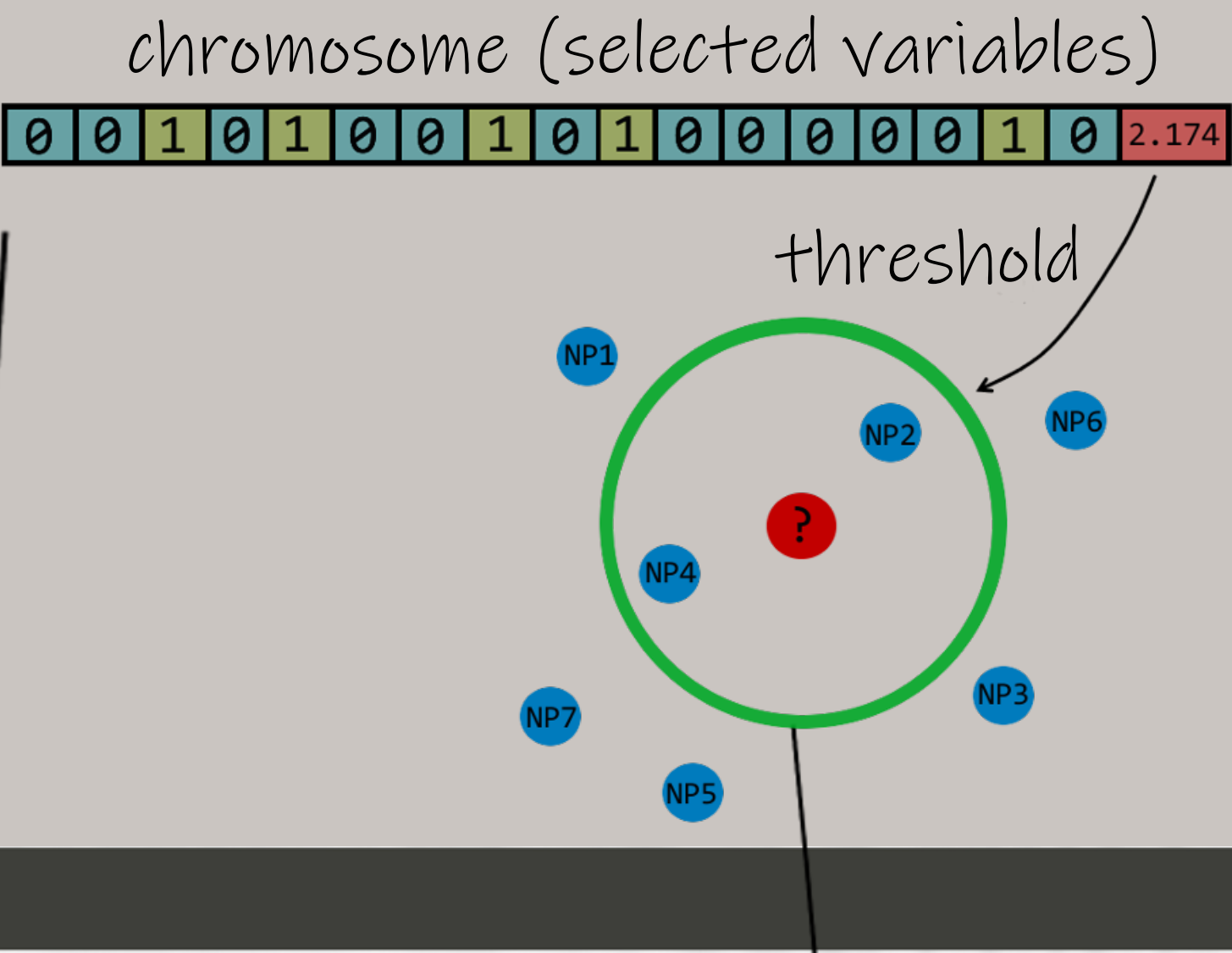


1. make your data ready for training in a csv file
endpoint (y) - properties (x)

	A	B	C	D	E	F	G	H	I	J
1	NP ID	net.c	class	lspri_synth	lspri_serur	lspri_relati	lspri_diff	lspri_rel_c	zav_synth	zav_serum
2	G15.AC	-5.1839	1	0.18253	0.454404	2.489473	0.271874	1.489473	22.36	57.53
3	G15.AHT	-1.00854	0	0.45821	0.525747	1.147394	0.067537	0.147394	30.95	90.06
4	G15.Ala-SH	-5.50439	1	0.223534	0.274761	1.22917	0.051227	0.22917	22.64	44.43
5	G15.Asn-SH	-5.67669	1	0.27362	0.327264	1.196055	0.053645	0.196055	23.09	37.75
6	G15.AUT	-1.31567	0	0.365436	0.389573	1.066051	0.024138	0.066051	23.8	55.98
7	G15.CALNN	-7.13797	1	0.20691	0.265327	1.282332	0.058417	0.282332	25.22	38.8
8	G15.CIT	-5.41982	1	0.210431	0.292836	1.391602	0.082405	0.391602	18.65	54.03
9	G15.CTAB	-5.86229	0	0.326142	0.365811	1.121632	0.039669	0.121632	15.6	59.7
10	G15.DDT@BDHDA	-7.29449	0	0.266579	0.317134	1.189643	0.050555	0.189643	23.15	47.03
11	G15.DDT@CTAB	-7.59005	0	0.275461	0.324751	1.178939	0.049291	0.178939	20.53	48.4
12	G15.DDT@DOTAP	-1.12756	0	0.276498	0.297223	1.074954	0.020725	0.074954	28.17	47.34
13	G15.DDT@ODA	-6.1218	0	0.309989	0.367331	1.184981	0.057342	0.184981	33.6	58.95
14	G15.DDT@SA	-6.8039	1	0.395907	0.320779	0.810238	-0.07513	-0.18976	82.41	59.93
15	G15.DDT@SDS	-7.67595	1	0.465011	0.359906	0.773974	-0.1051	-0.22603	27.94	100.13
16	G15.DTNB	-6.08314	1	0.241281	0.4					
17	G15.F127	-5.36112	1	0.175809	0.2					
18	G15.Gly-SH	-4.97528	1	0.261762	0.4					
19	G15.HDA	-0.27033	0	0.243839	0.2					
20	G15.LA	-5.96398	1	0.236782	0.					
21	G15.MAA	-6.14203	1	0.281334	0.4					
22	G15.MBA	-5.38142	1	0.293044	0.5					
23	G15.MES	-3.19932	1	0.226324	0.4					
24	G15.Met-SH	-5.9284	1	0.215656	0.					
25	G15.MHA	-5.73543	1	0.278335	0.3					
26	G15.MHDA	-5.77833	1	0.242059	0.2					
27	G15.MPA	-5.39593	1	0.303644	0.4					
28	G15.MSA	-6.10482	1	0.255577	0.4					

train
test
external validation

y: a property
difficult to measure
due to time,
resources or ethical
restrictions



3. results

Apellis

HOME NUMERICAL SINGLE CRITERION NUMERICAL MULTIPLE CRITERIA CLASS SINGLE CRITERION CLASS MULTIPLE CRITERIA

READ-ACROSS TRAINING OBTAIN PREDICTIONS

SPECIFICATIONS PROBABILITIES

Choose training file

Use demo dataset

DEMO

☒ Scaling of raw data

Partitioning method Training ratio

☒ Kennard-Stone ☐ Random 0.66

Number of chromosomes

20

Number of generations

100

Number of training samples with a prediction

0.6

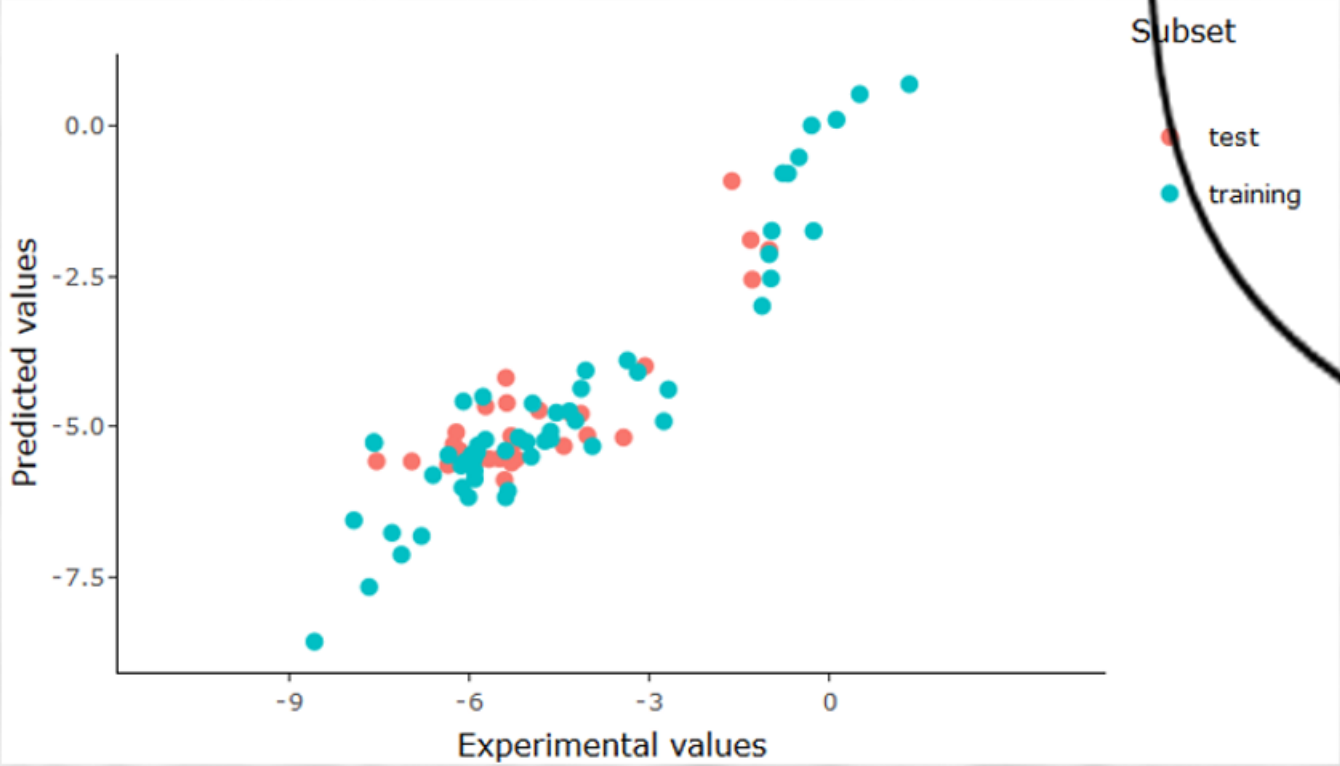
Weight of selected variables

0.05

TRAIN

2. run training

Experimental vs. predicted endpoint values for the two sets

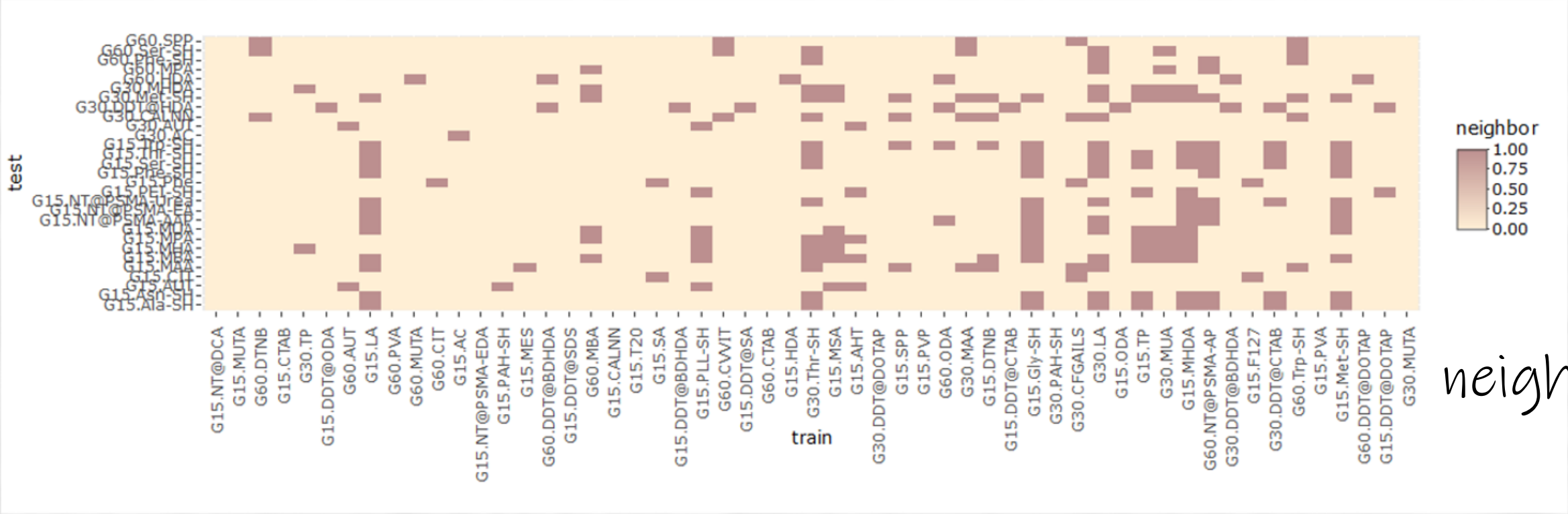


Experimental vs. predicted endpoint values for the test set

Show 10 entries Search:

	Experimental values	Predicted values
G15.Ala-SH	-5.504	-5.536
G15.Asn-SH	-5.677	-5.542
G15.AUT	-1.316	-1.89
G15.CIT	-5.42	-5.892
G15.MAA	-6.142	-5.513
G15.MBA	-5.381	-4.609
G15.MHA	-5.735	-4.664
G15.MPA	-5.396	-4.189
G15.MUA	-4.847	-4.73
G15.NT@PSMA-AAP	-6.224	-5.097

Neighbors heatmap



neighbors

DOWNLOAD TRAINING RESULTS

Model title

PCF 07-01

DOWNLOAD MODEL

4. that's it! now, download your model!

How to
train Apellis

Steps:

1. insert your dataset
2. press the train button
3. wait for training
4. download your model!