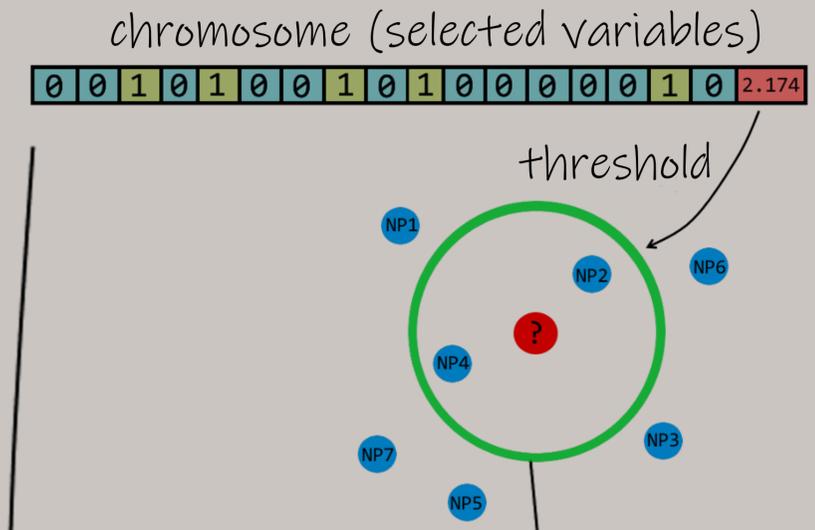


1. make your data ready for training in a csv file
 endpoint (y) - properties (X)

NP ID	net.c	class	lspri_synth	lspri_serur	lspri_relati	lspri_diff	lspri_rel_c	zav_synth	zav_serum
G15.AC	-5.1839	1	0.18253	0.454404	2.489473	0.271874	1.489473	22.36	57.53
G15.AHT	-1.00854	0	0.45821	0.525747	1.147394	0.067537	0.147394	30.95	90.06
G15.Ala-SH	-5.50439	1	0.223534	0.274761	1.22917	0.051227	0.22917	22.64	44.43
G15.Asn-SH	-5.67669	1	0.27362	0.327264	1.196055	0.053645	0.196055	23.09	37.75
G15.AUT	-1.31567	0	0.365436	0.389573	1.066051	0.024138	0.066051	23.8	55.98
G15.CALNN	-7.13797	1	0.20691	0.265327	1.282332	0.058417	0.282332	25.22	38.8
G15.CIT	-5.41982	1	0.210431	0.292836	1.391602	0.082405	0.391602	18.65	54.03
G15.CTAB	-5.86229	0	0.326142	0.365811	1.121632	0.039669	0.121632	15.6	59.7
G15.DDT@BDHDA	-7.29449	0	0.266579	0.317134	1.189643	0.050555	0.189643	23.15	47.03
G15.DDT@CTAB	-7.59005	0	0.275461	0.324751	1.178939	0.049291	0.178939	20.53	48.4
G15.DDT@DOTAP	-1.12756	0	0.276498	0.297223	1.074954	0.020725	0.074954	28.17	47.34
G15.DDT@ODA	-6.1218	0	0.309989	0.367331	1.184981	0.057342	0.184981	33.6	58.95
G15.DDT@SA	-6.8039	1	0.395907	0.320779	0.810238	-0.07513	-0.18976	82.41	59.93
G15.DDT@SDS	-7.67595	1	0.465011	0.359906	0.773974	-0.1051	-0.22603	27.94	100.13

train
test

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



external validation

Apellis

NUMERICAL SINGLE CRITERION

READ-ACROSS TRAINING

OBTAIN PREDICTIONS

SPECIFICATIONS

PROBABILITIES

Choose training file

Use demo dataset

DEMO

Scaling of raw data

Partitioning method

Kennard-Stone

Random

Training ratio

0.66

Number of chromosomes

20

Number of generations

100

Number of training samples with a prediction

0.6

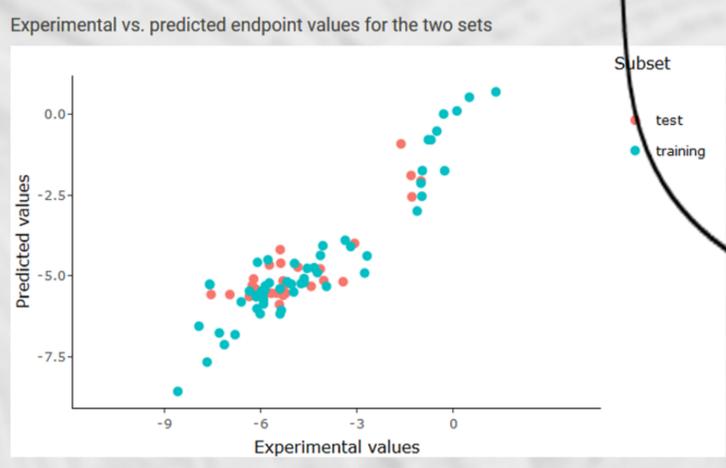
Weight of selected variables

0.05

TRAIN

2. run training

3. results



accuracy statistics

Metric	Summary
best generation	97
q2	0.731
MSE	0.805
score in test set	0.333
# samples	29
threshold	1.390
# variables	44

selected variables

Variables

lspri_serum, lspr_rel_ch, vol_synth, vol_serum, num_synth, num_serum, int_serum, hdlayer_synth, hdlayer_serum, zav_ch, int_ch, zav_rel, vol_rel, int_rel, zp_ch, zp_rel, zp_serum_mag, AS.total, P01024, P0C0L4, P02649, P10909, P01009, P04114, P00734, P0C0L5, P01008, P04196, P02656, P05154, P06396, P02654, P03952, P02760, P02655, P00748, P00740, P27169, P18065, P00450, P01019, P02671, P15169, Q13790

Experimental vs. predicted endpoint values for the test set

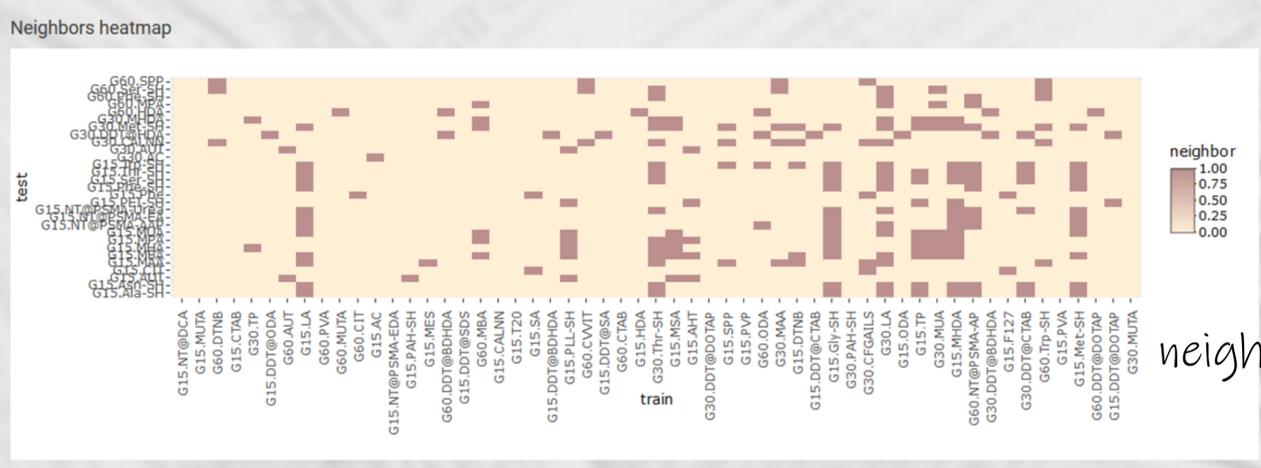
Show 10 entries

	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

Showing 1 to 10 of 29 entries

Previous 1 2 3 Next

predictions



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!