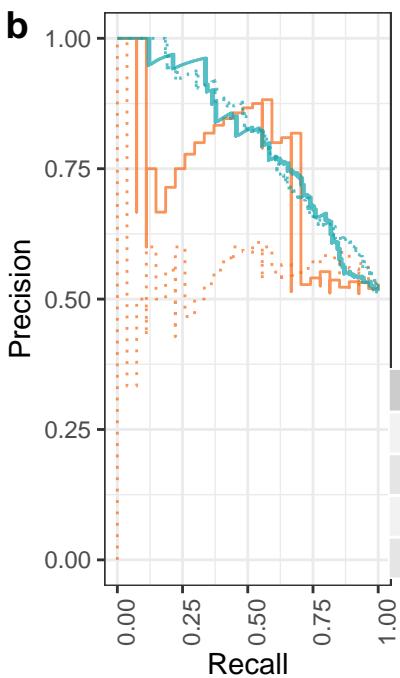
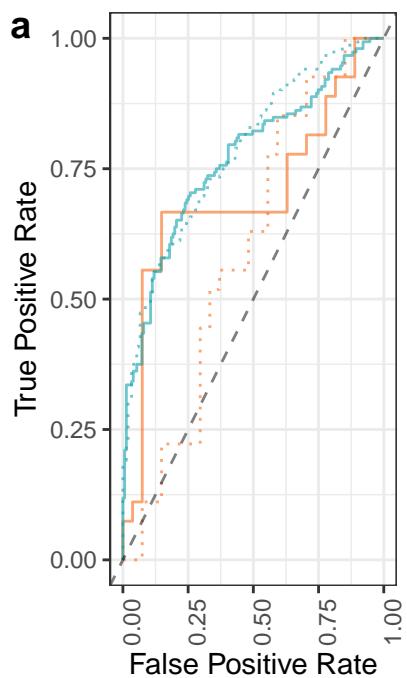


Performance: cc_all_high_n_spots_h2ax_mean



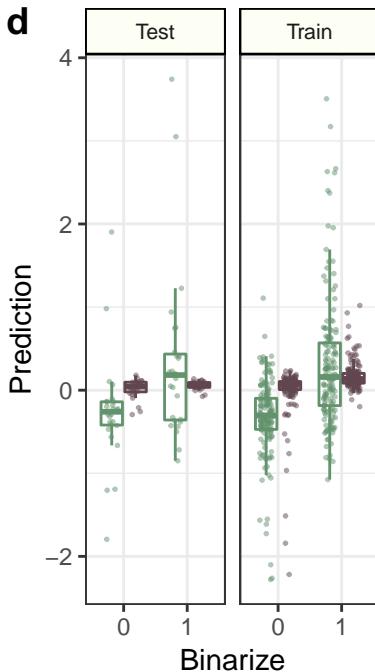
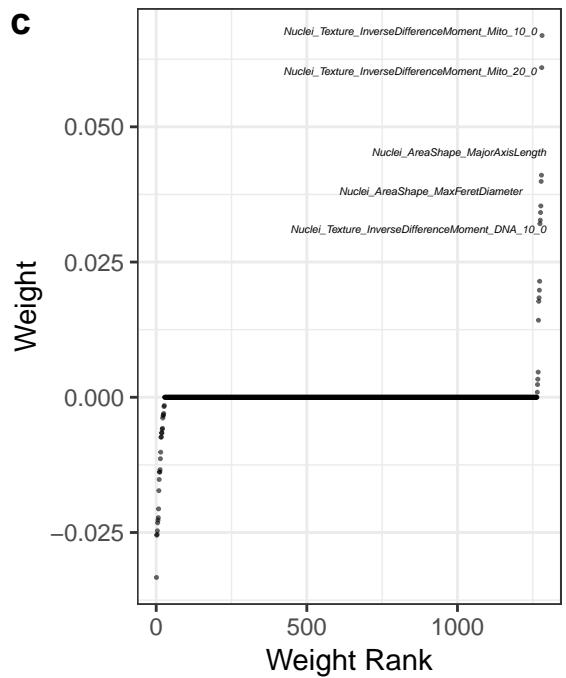
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.77	0.80	True	False	151
Test	0.70	0.73	Test	False	151
Train	0.78	0.81	Train	True	151
Test	0.59	0.55	Test	True	151

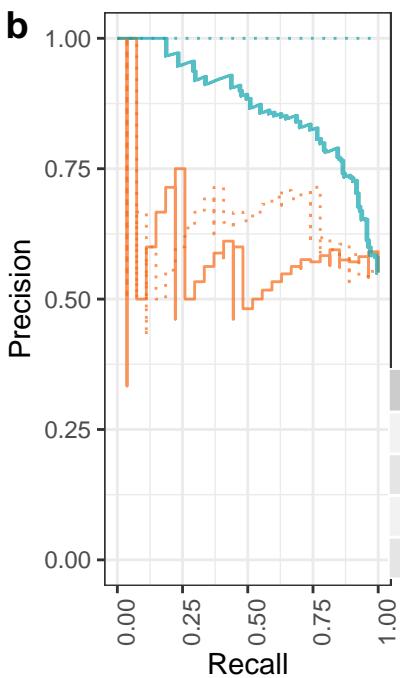
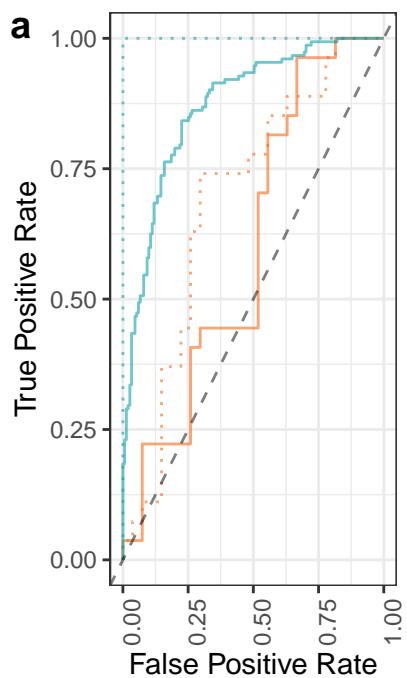


Shuffled

False

True

Performance: cc_all_large_notround_polymeric_mean

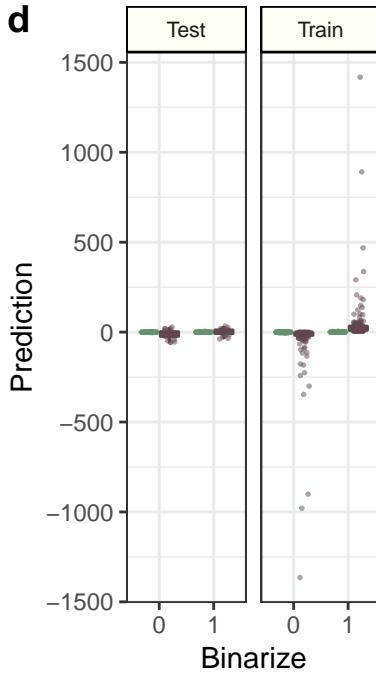
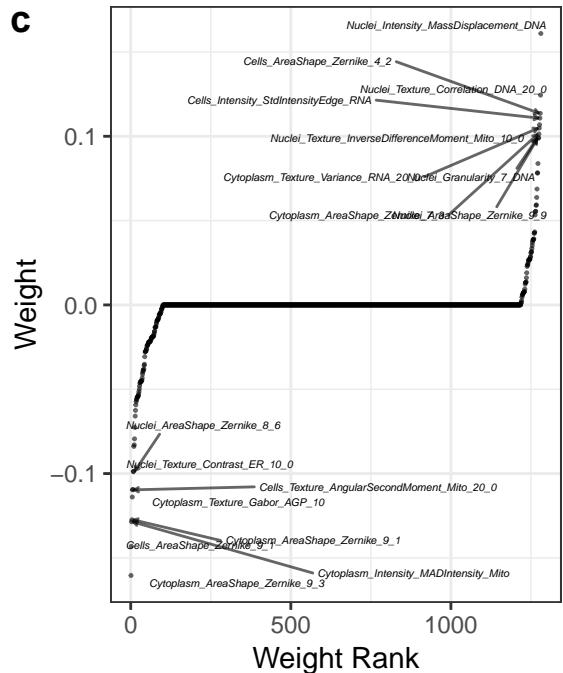


Shuffled Data

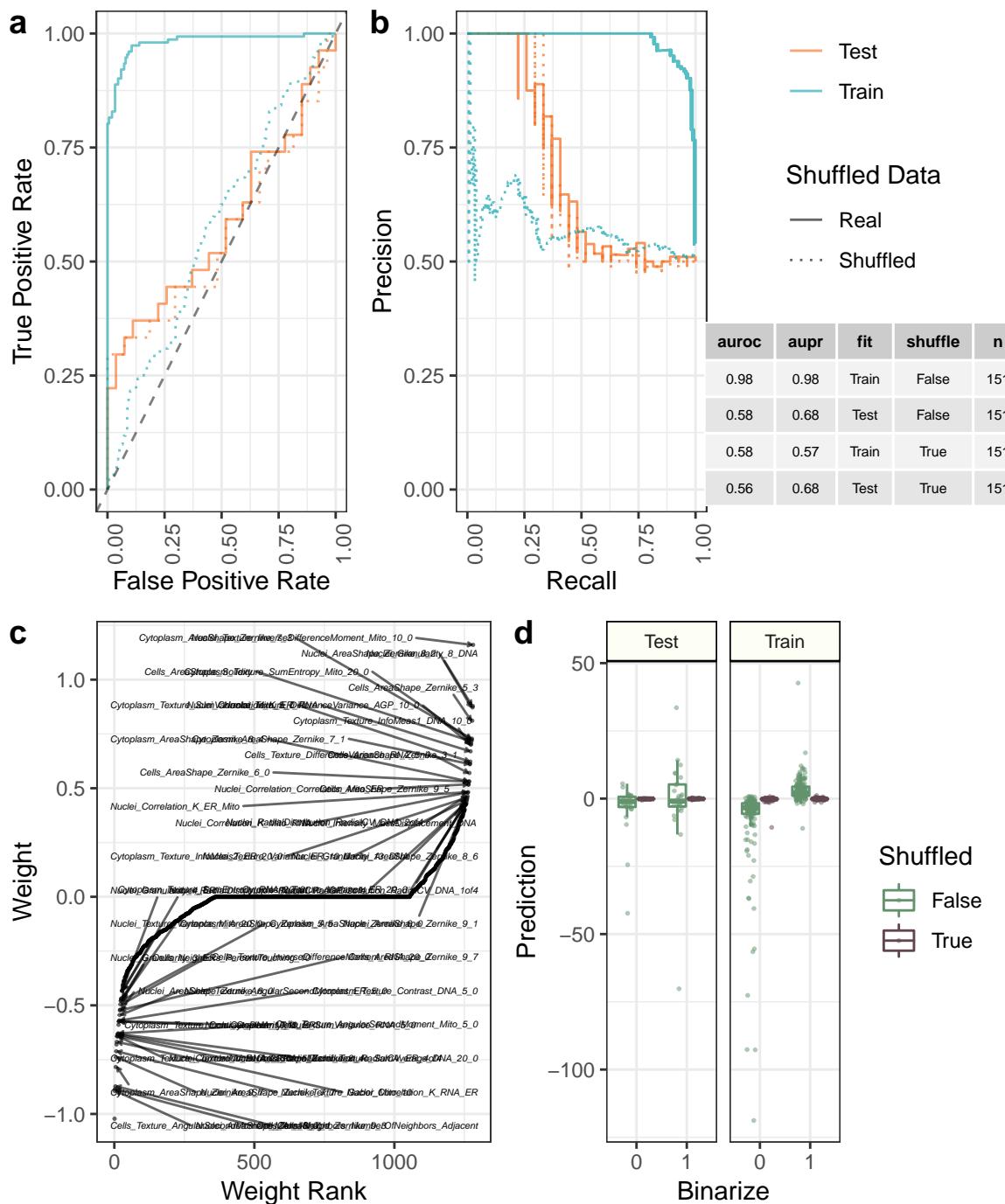
Real

Shuffled

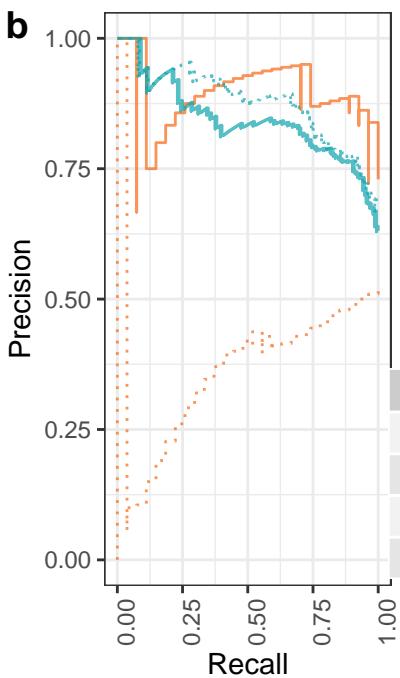
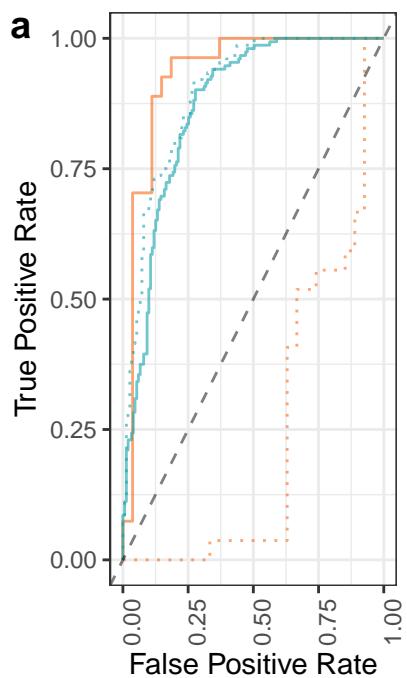
	auroc	aupr	fit	shuffle	n
Train	0.87	0.87	True	False	151
Test	0.60	0.59	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.69	0.65	Test	True	151



Performance: cc_all_large_round_polyplloid_mean



Performance: cc_all_n_objects



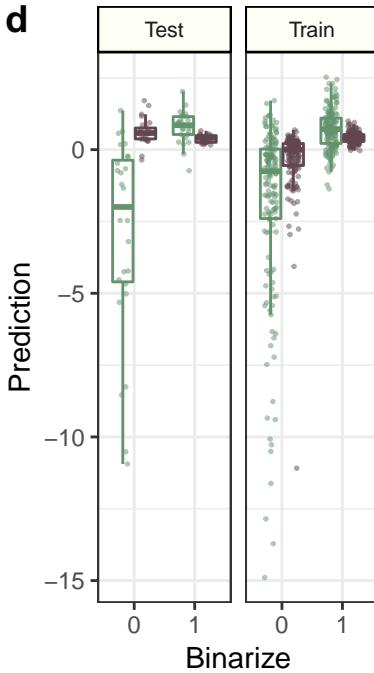
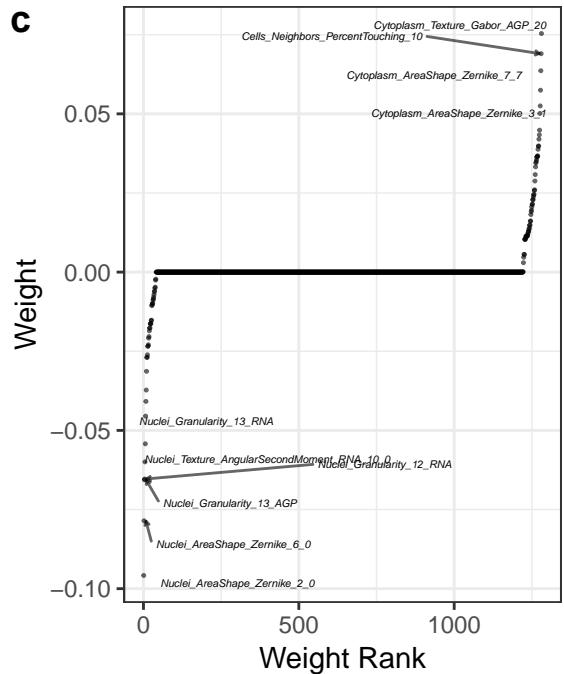
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.87	0.84	Train	False	151
Train	0.93	0.89	Test	False	151
True	0.90	0.88	Train	True	151
False	0.25	0.37	Test	True	151

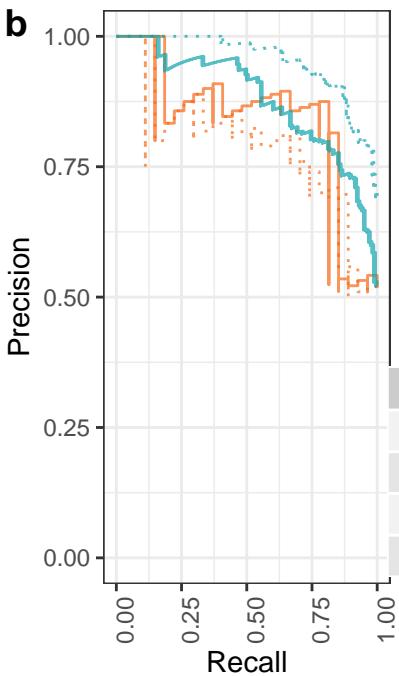
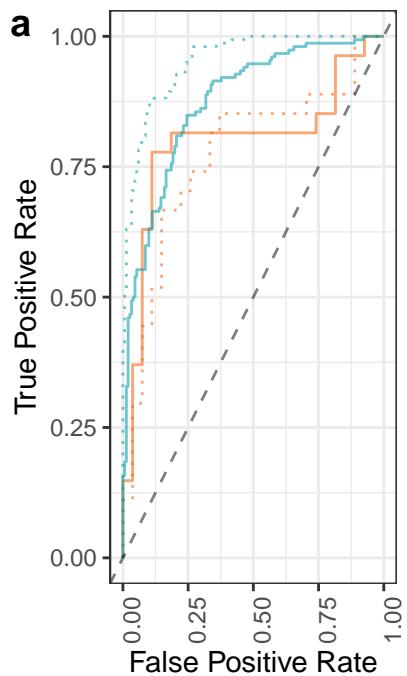


Shuffled

False

True

Performance: cc_all_n_spots_mean



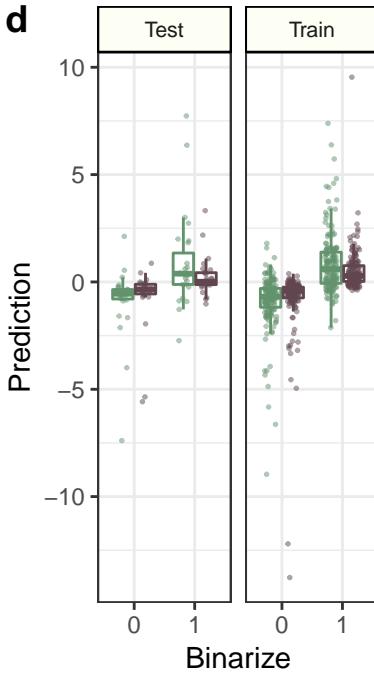
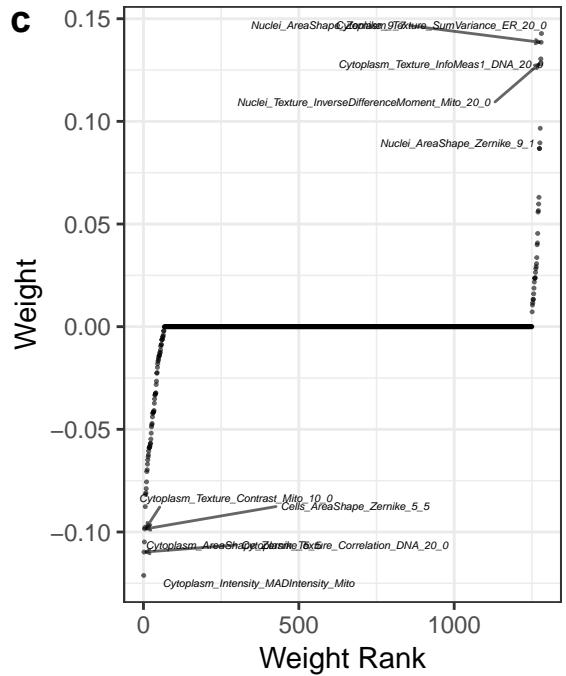
Test
Train

Shuffled Data

Real

Shuffled

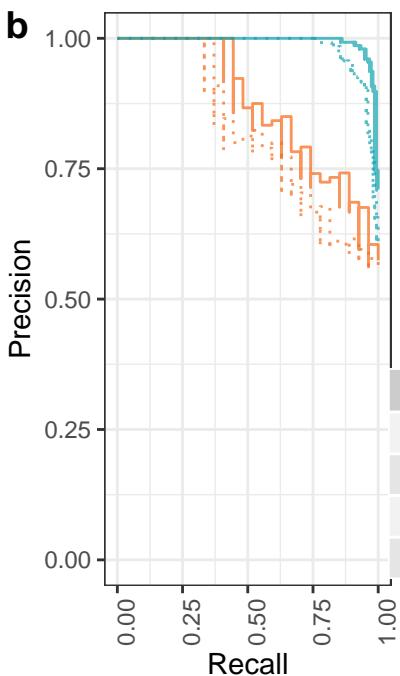
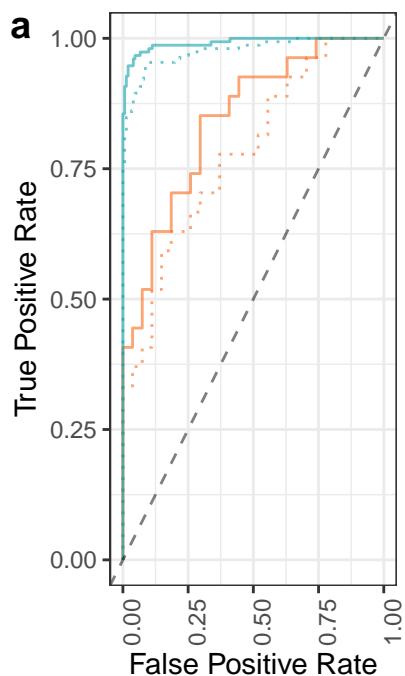
	auroc	aupr	fit	shuffle	n
Train	0.87	0.88	True	False	151
Test	0.80	0.83	Test	False	151
Train	0.95	0.95	Train	True	151
Test	0.77	0.78	Test	True	151



Shuffled

- False
- True

Performance: cc_all_n_spots_per_nucleus_area_mean

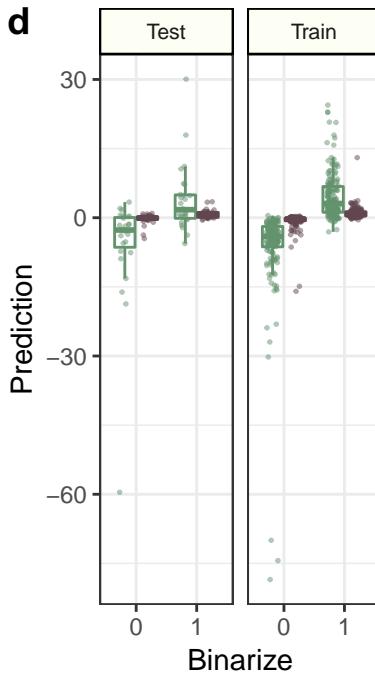
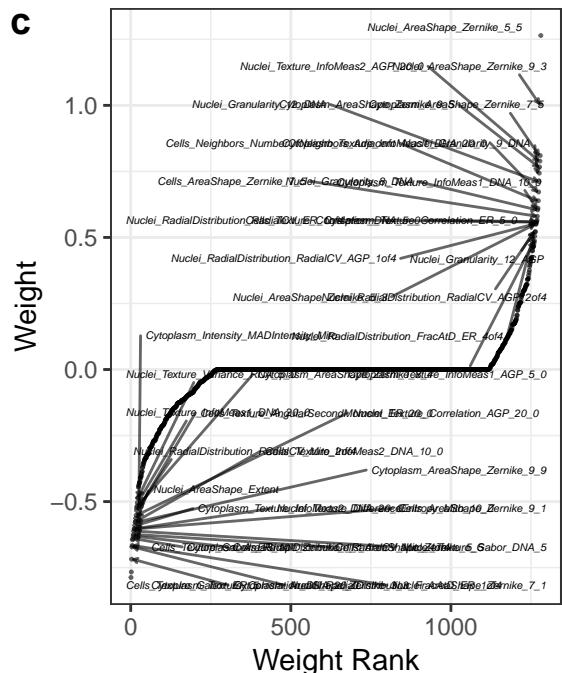


Shuffled Data

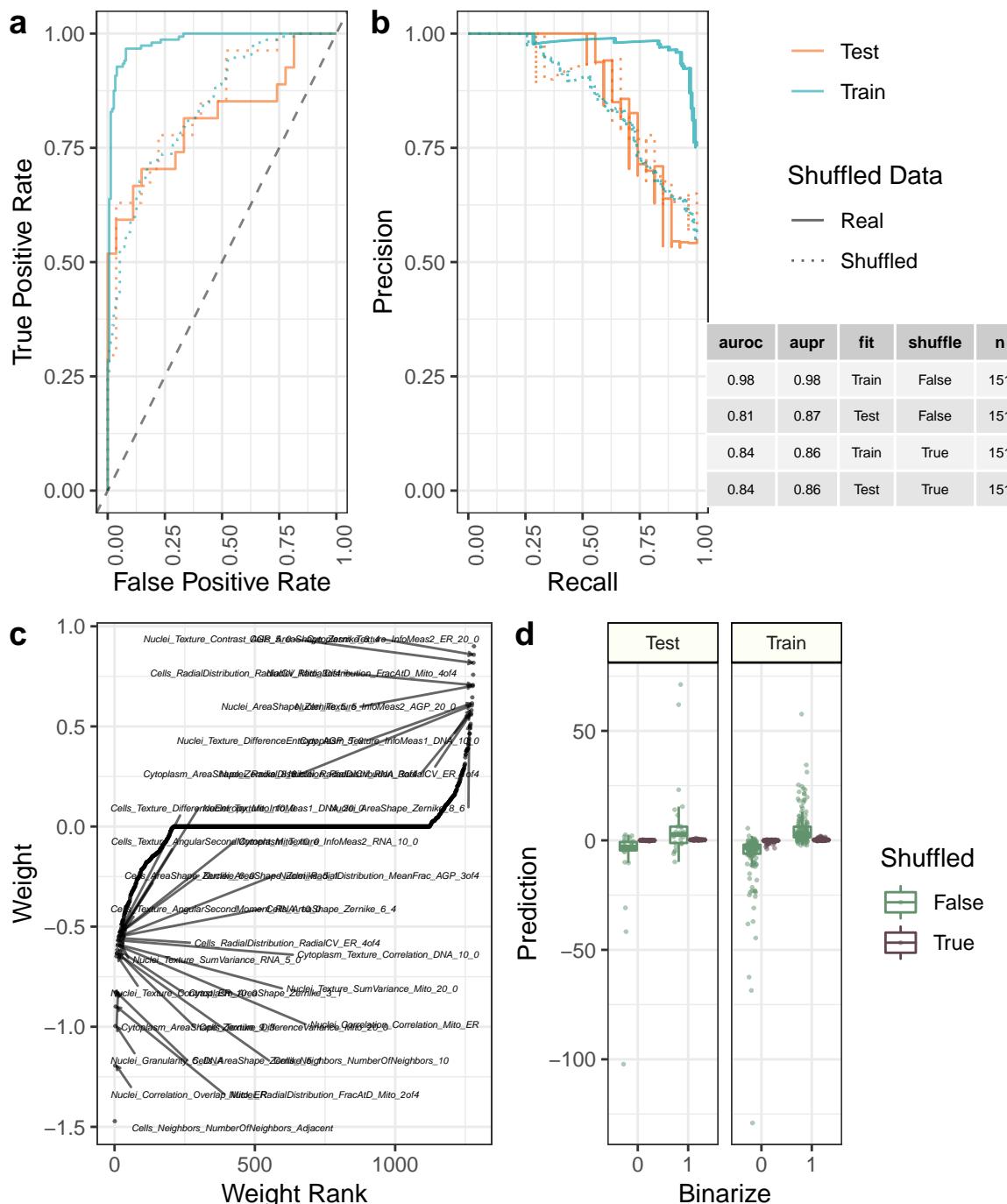
Real

Shuffled

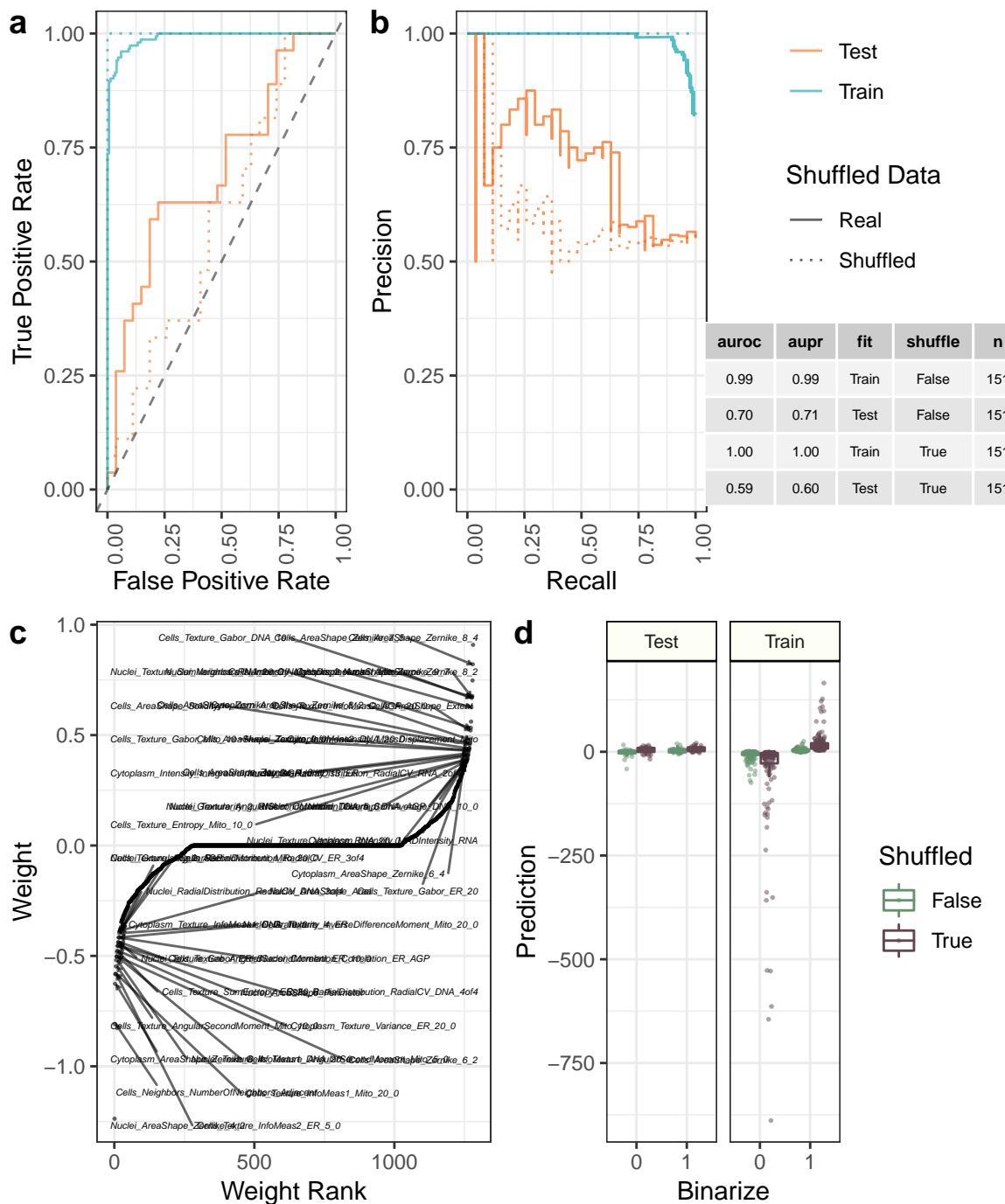
	auroc	aupr	fit	shuffle	n
Train	0.99	0.99	True	False	151
Test	0.84	0.86	Test	False	151
Train	0.98	0.98	Train	True	151
Test	0.78	0.81	Test	True	151



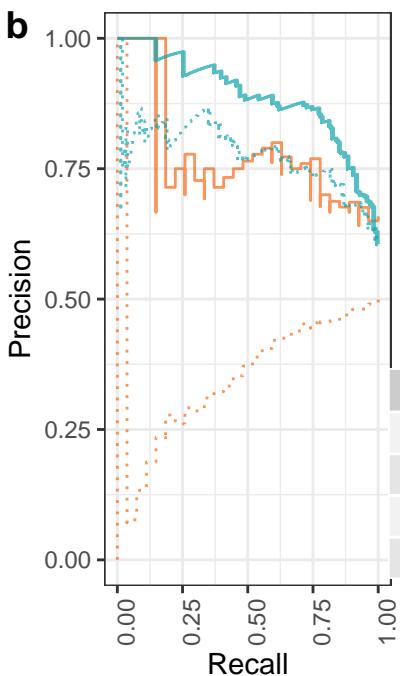
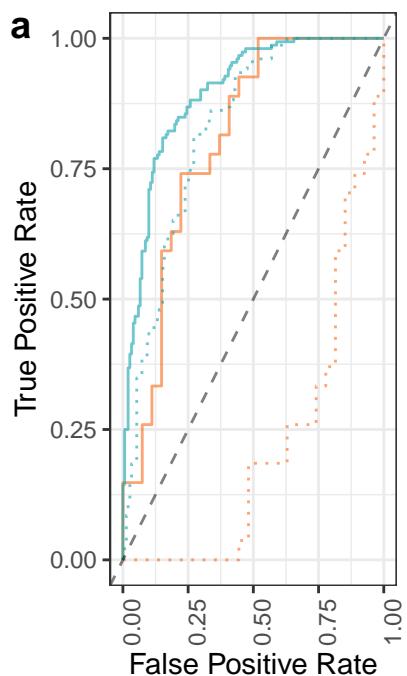
Performance: cc_all_nucleus_area_mean



Performance: cc_all_nucleus_roundness_mean



Performance: cc_cc_edu_pos_mean



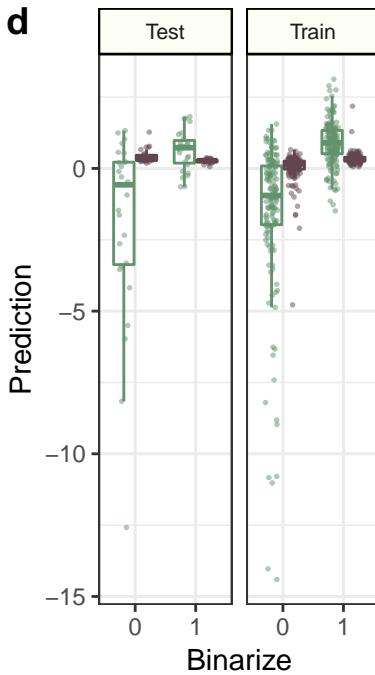
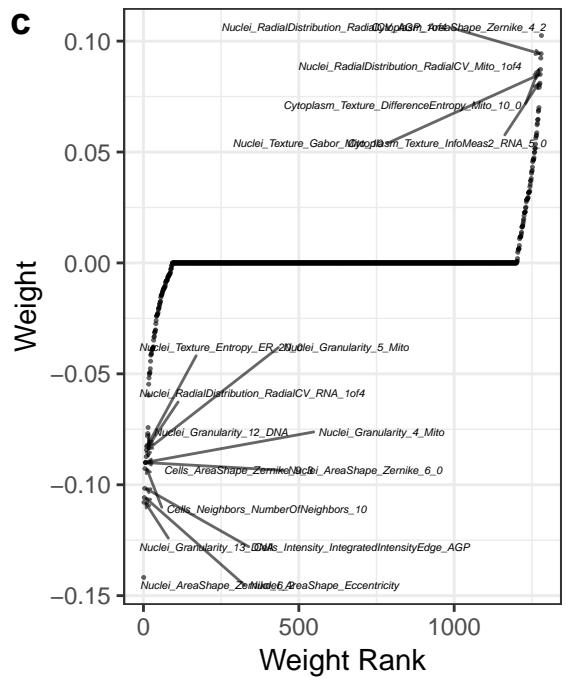
Test
Train

Shuffled Data

Real

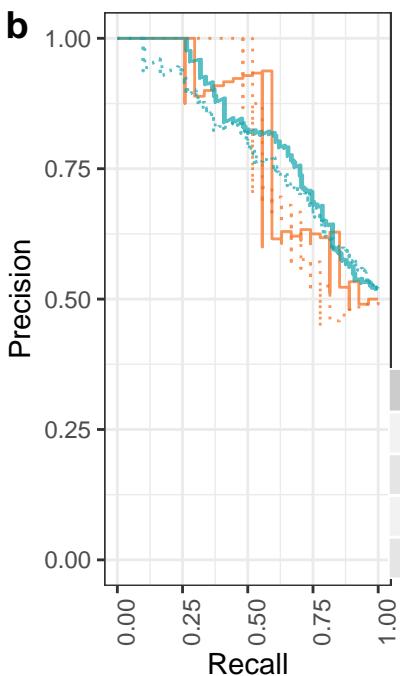
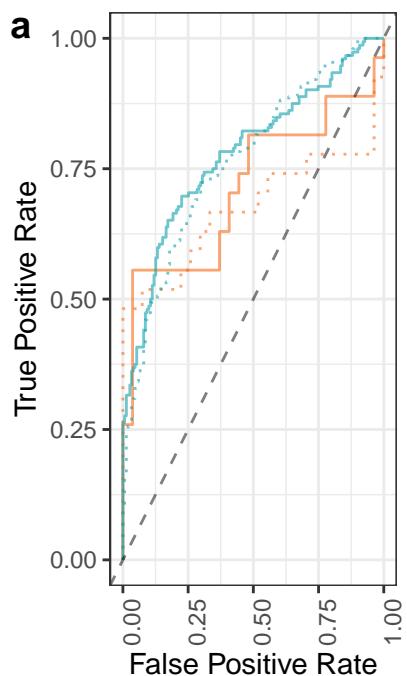
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.90	0.89	True	False	151
Test	0.80	0.77	Test	False	151
Train	0.82	0.78	Train	True	151
Test	0.22	0.36	Test	True	151

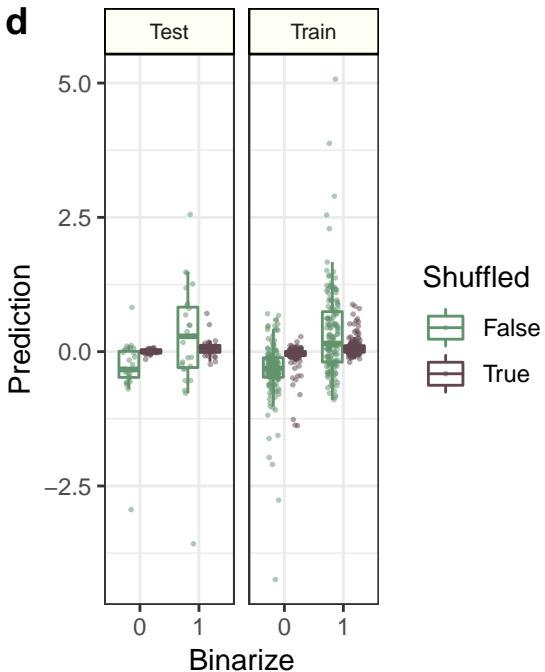
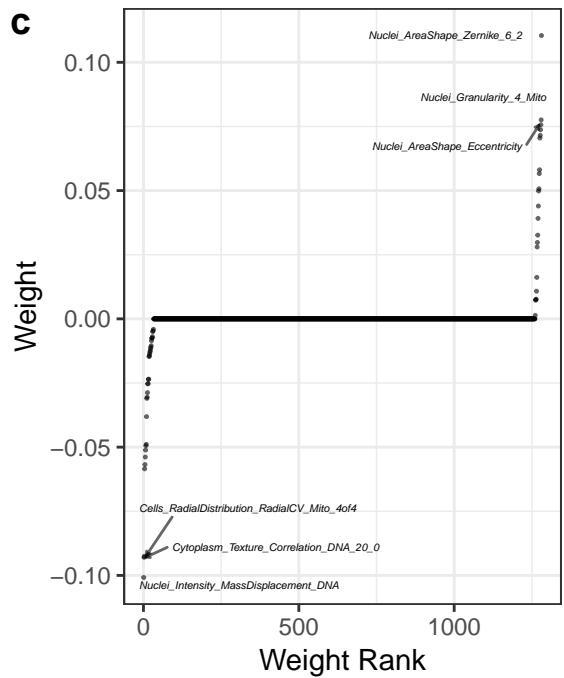


Shuffled
False
True

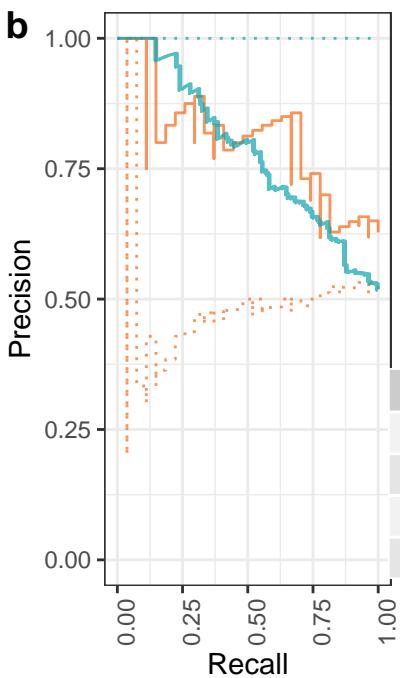
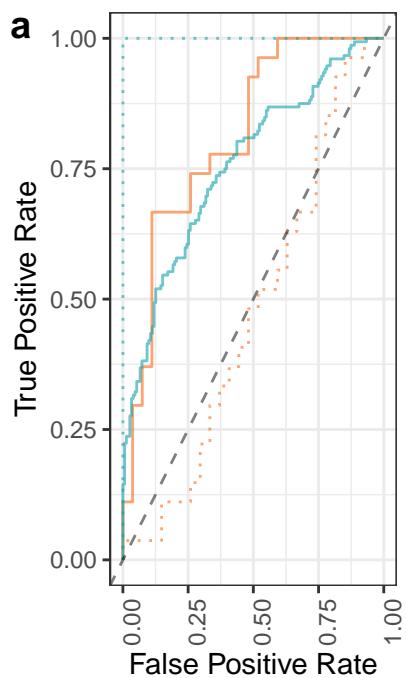
Performance: cc_cc_g1_mean



auroc	aupr	fit	shuffle	n
0.78	0.82	Train	False	151
0.71	0.79	Test	False	151
0.76	0.79	Train	True	151
0.67	0.78	Test	True	151



Performance: cc_cc_g2_ph3_neg_mean



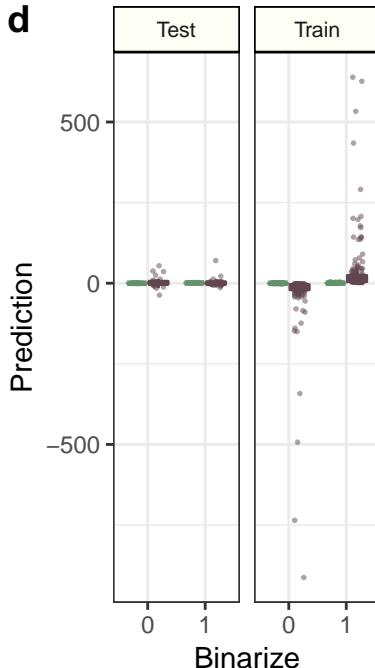
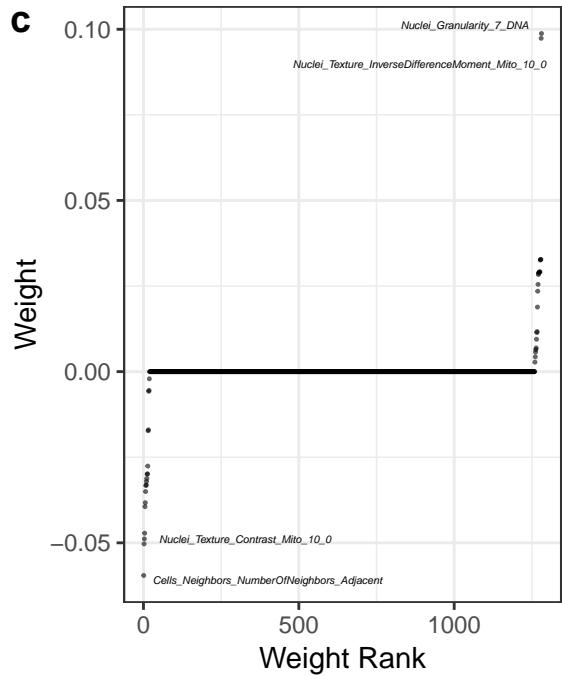
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.76	0.78	Train	False	151
Train	0.81	0.80	Test	False	151
Real	1.00	1.00	Train	True	151
Shuffled	0.47	0.50	Test	True	151

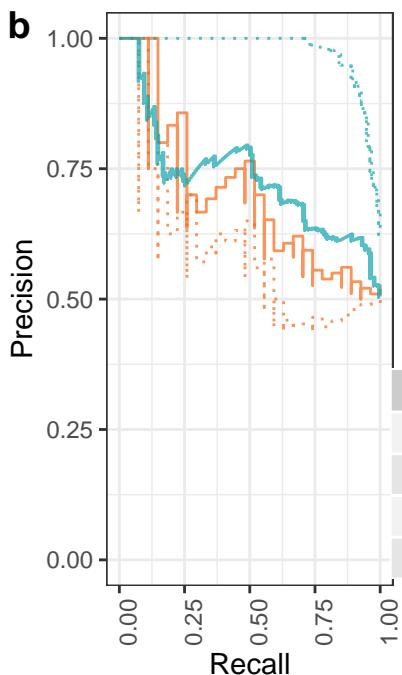
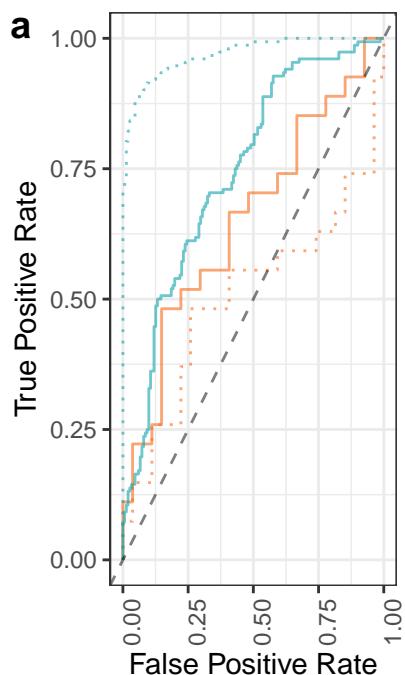


Shuffled

False

True

Performance: cc_cc_g2_ph3_pos_early_mitosis_mean



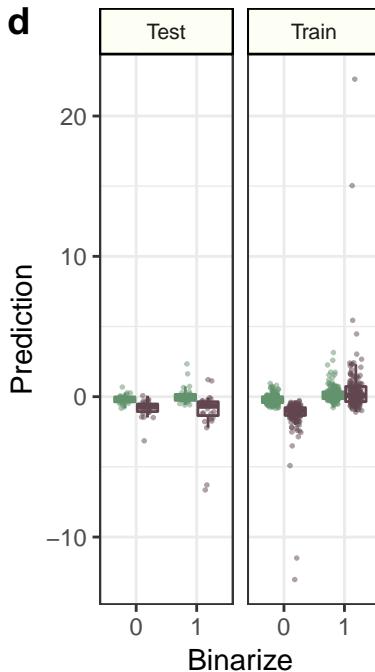
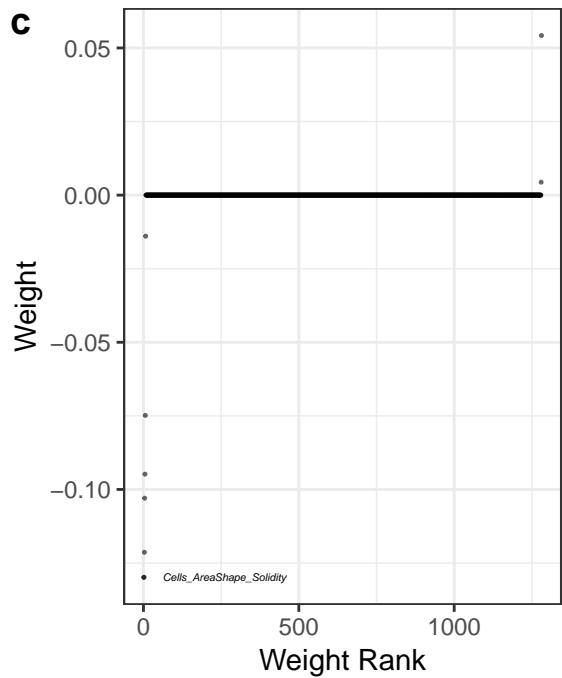
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.74	0.73	Train	False	151
Train	0.65	0.69	Test	False	151
True	0.97	0.97	Train	True	151
False	0.51	0.59	Test	True	151

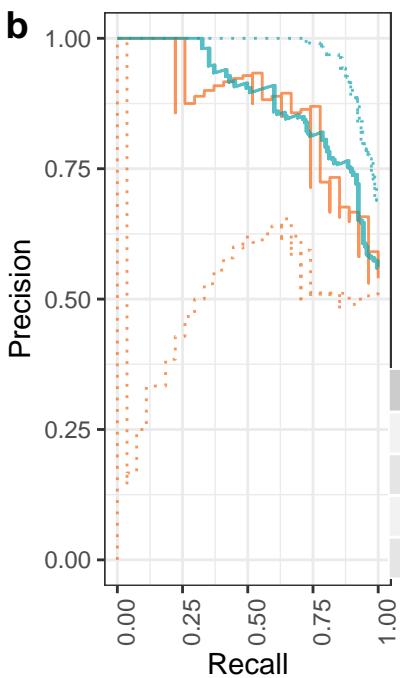
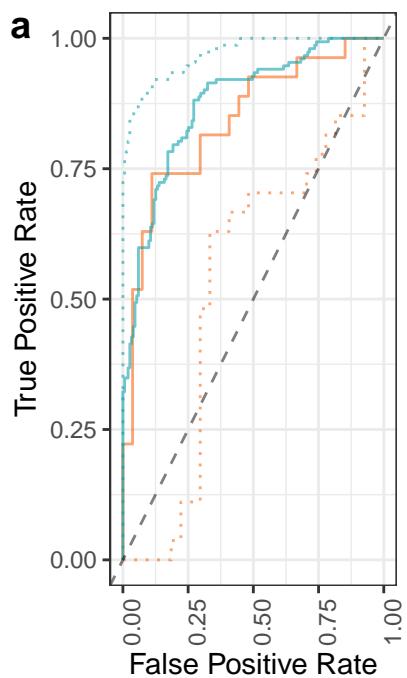


Shuffled

False

True

Performance: cc_cc_high_n_spots_h2ax_mean



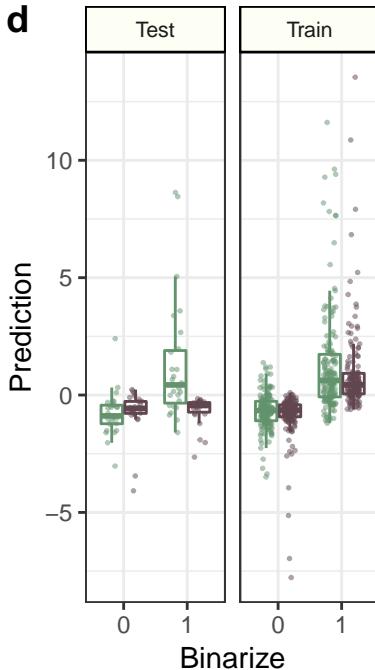
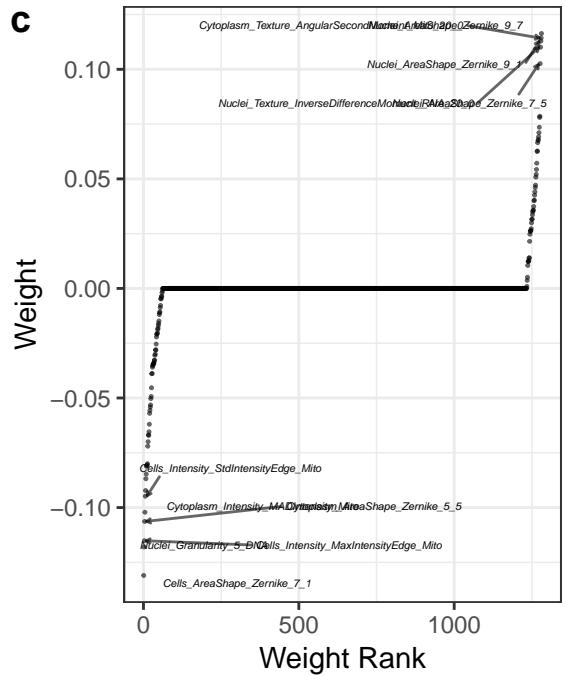
Test
Train

Shuffled Data

Real

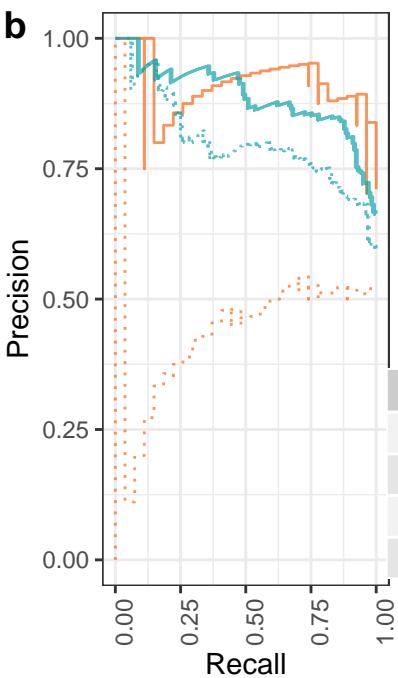
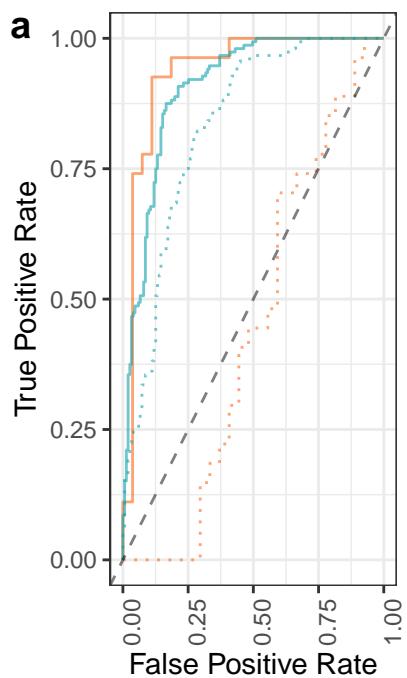
Shuffled

auroc	aupr	fit	shuffle	n
0.88	0.89	Train	False	151
0.84	0.86	Test	False	151
0.97	0.97	Train	True	151
0.53	0.50	Test	True	151



Shuffled
False
True

Performance: cc_cc_n_objects



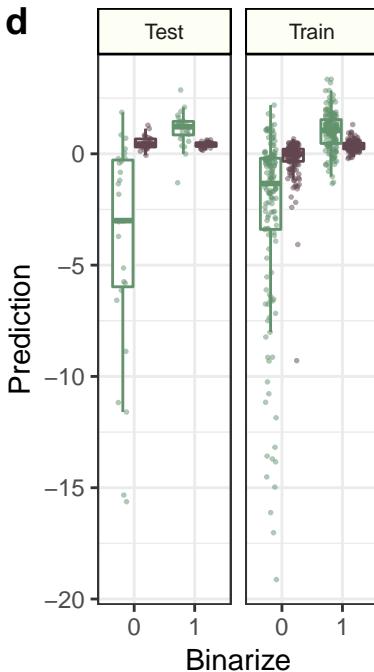
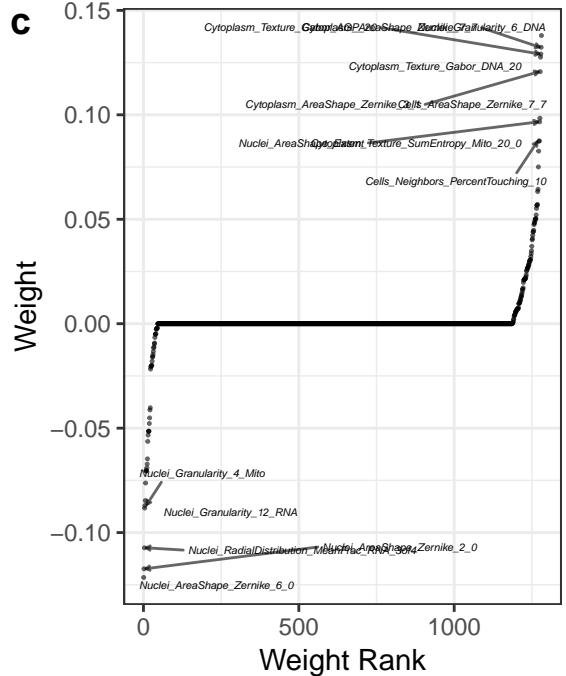
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.91	0.89	True	False	151
Test	0.94	0.91	Test	False	151
Train	0.83	0.80	Train	True	151
Test	0.44	0.44	Test	True	151

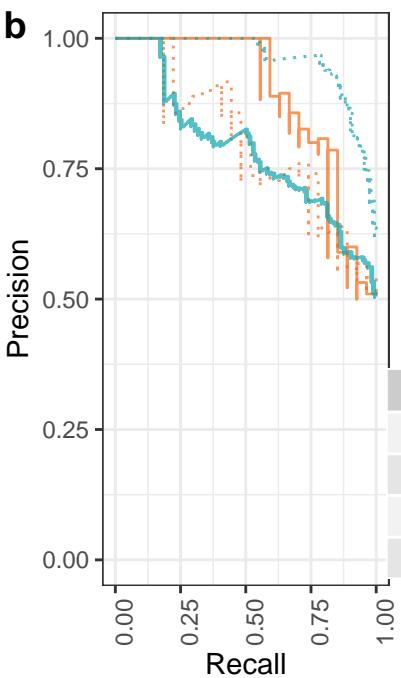
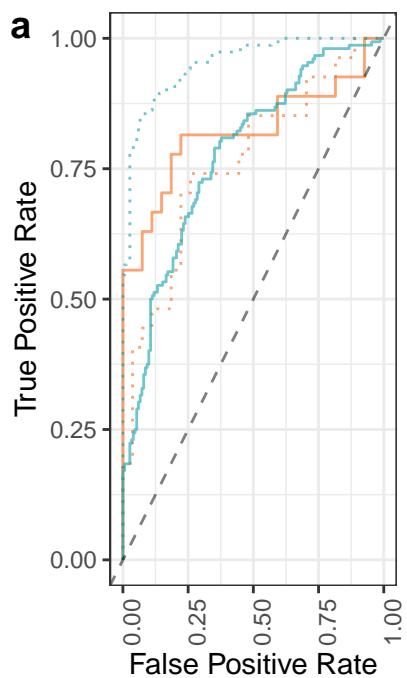


Shuffled

False

True

Performance: cc_cc_n_spots_mean



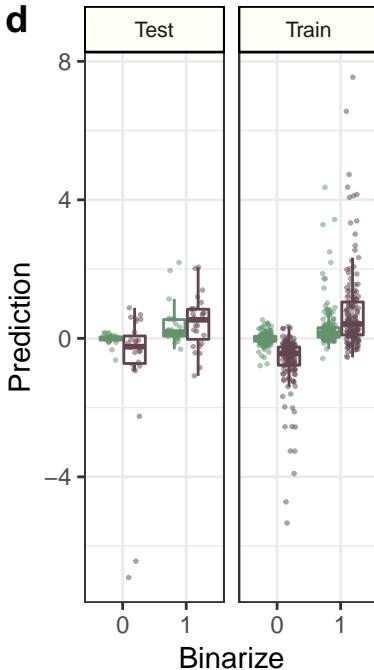
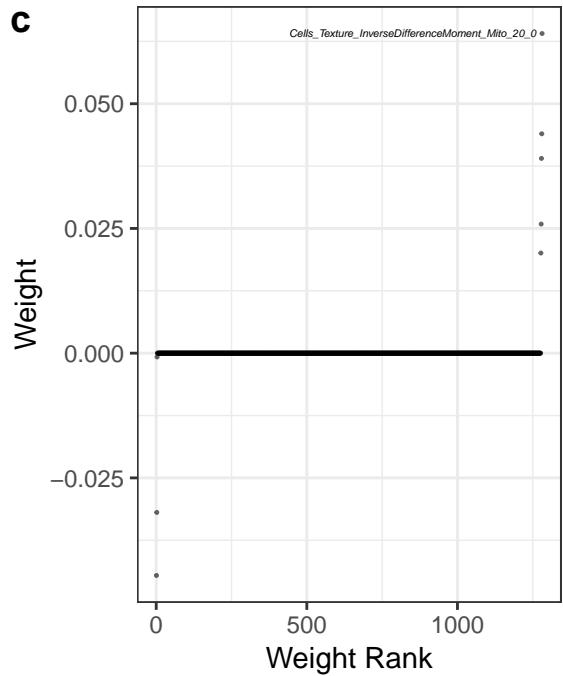
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.78	0.78	Train	False	151
Train	0.82	0.87	Test	False	151
Shuffled	0.95	0.96	Train	True	151
Real	0.76	0.79	Test	True	151

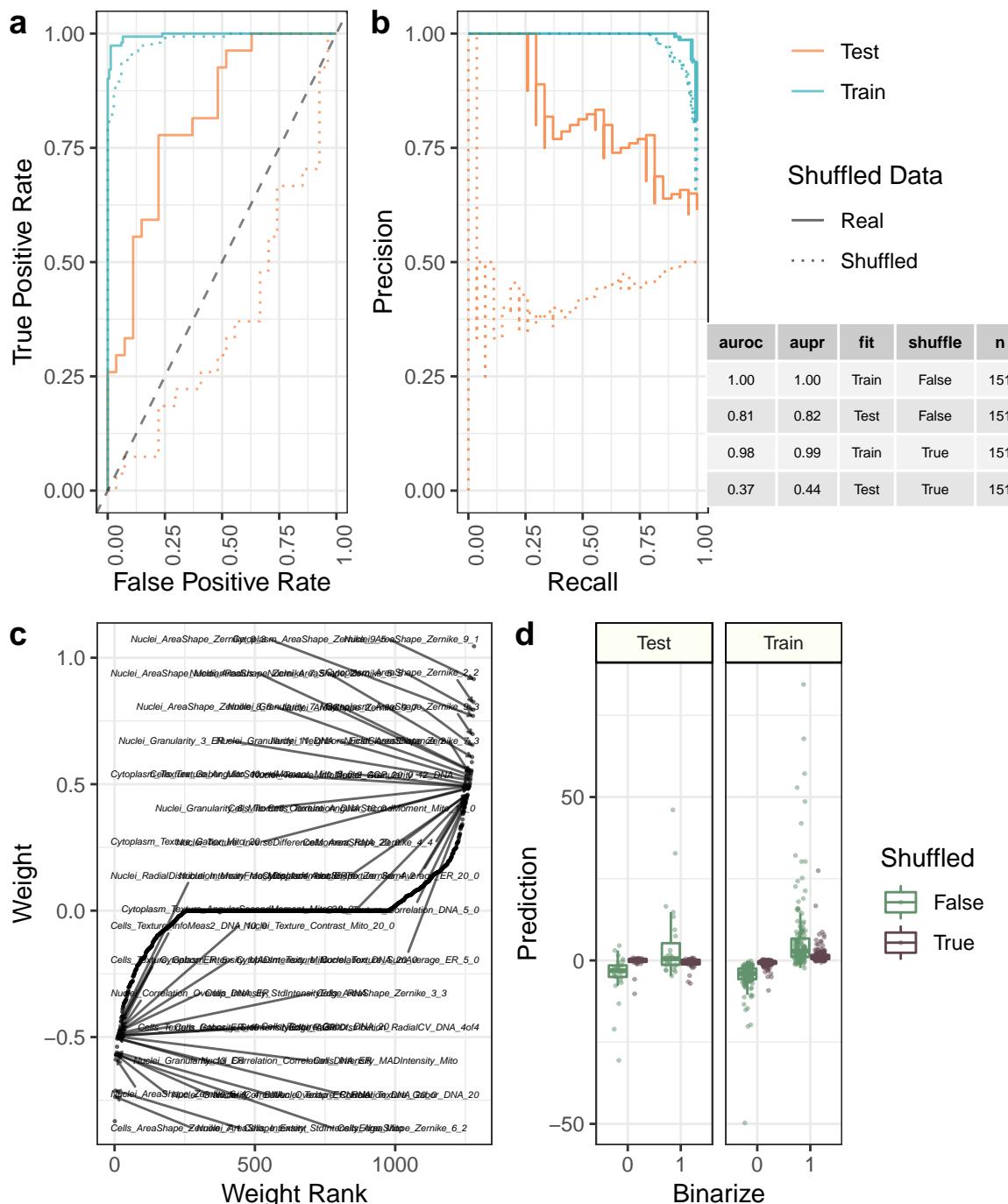


Shuffled

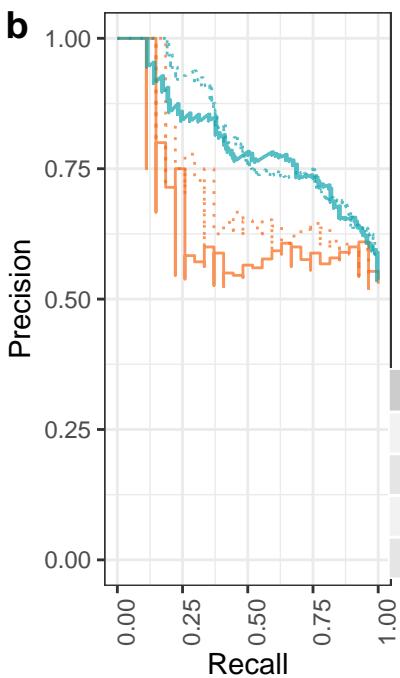
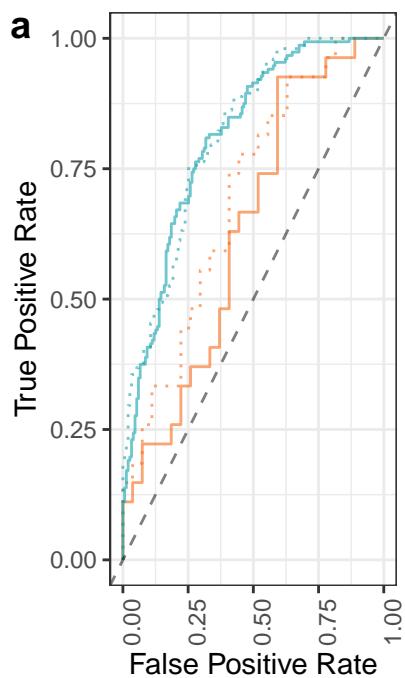
False

True

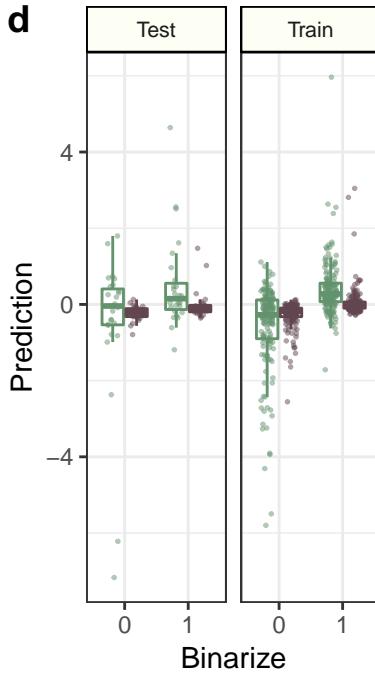
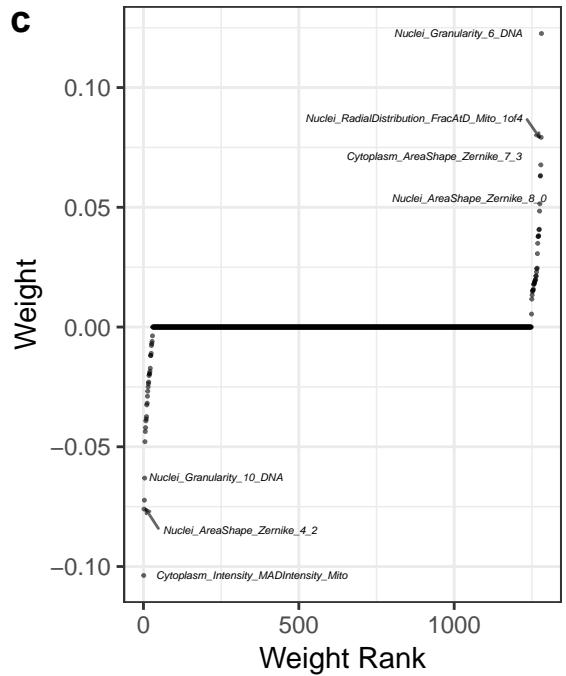
Performance: cc_cc_n_spots_per_nucleus_area_mean



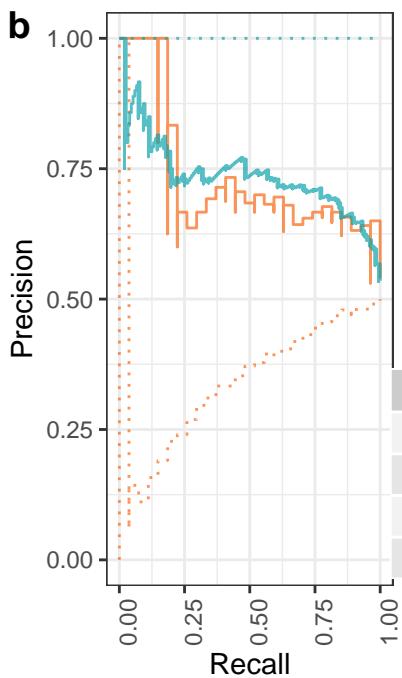
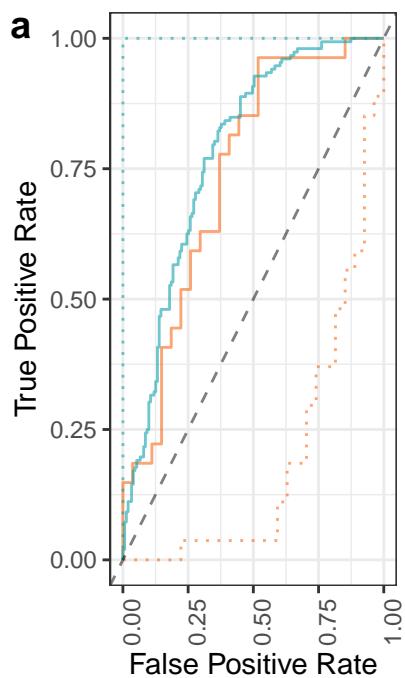
Performance: cc_cc_ph3_neg_hoechst_late_mitosis_mean



	auroc	aupr	fit	shuffle	n
Train	0.81	0.80	Train	False	151
Test	0.63	0.64	Test	False	151
Train	0.81	0.81	Train	True	151
Test	0.69	0.70	Test	True	151



Performance: cc_cc_ph3_pos_hoechst_mitosis_mean



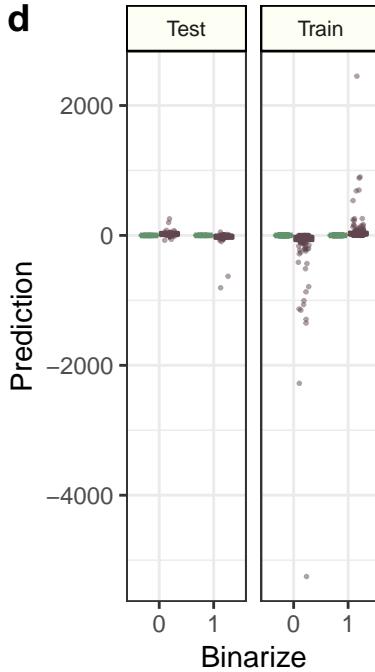
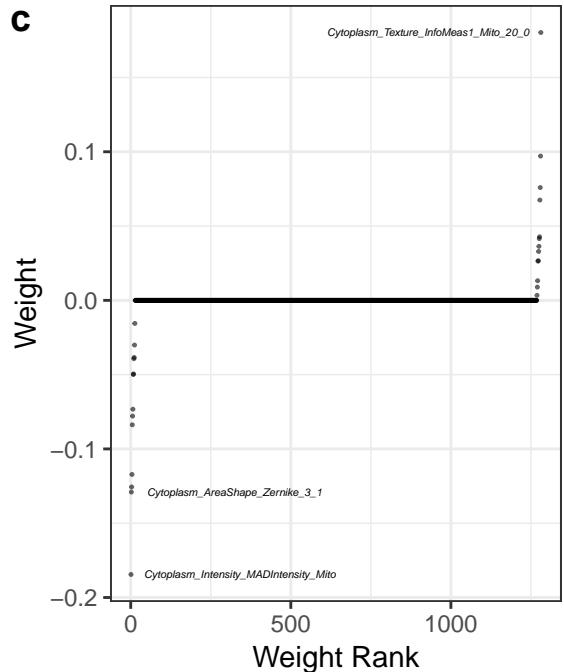
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.78	0.74	Train	False	151
Train	0.74	0.72	Test	False	151
True	1.00	1.00	Train	True	151
False	0.19	0.35	Test	True	151

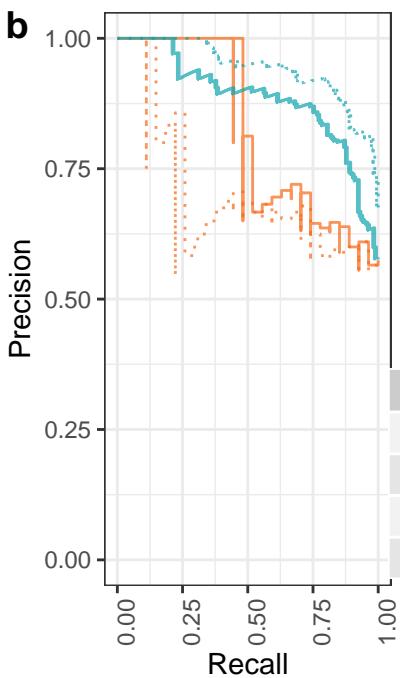
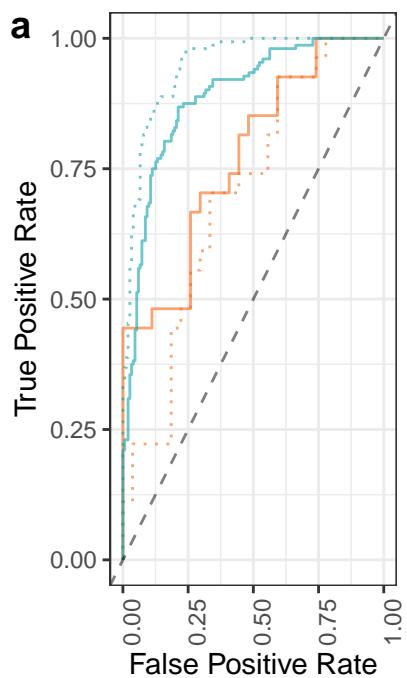


Shuffled

False

True

Performance: cc_edu_pos_alexa647_intensity_nucleus_area_mean



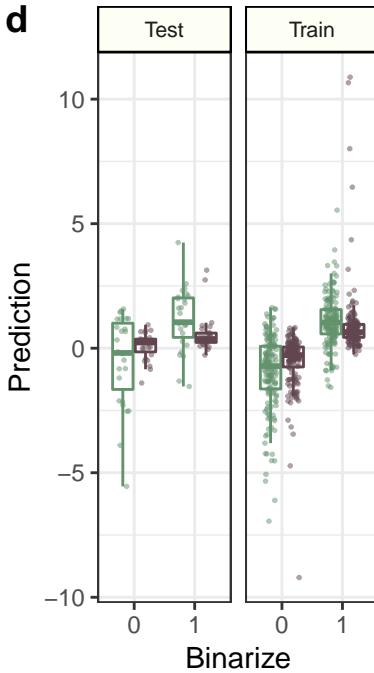
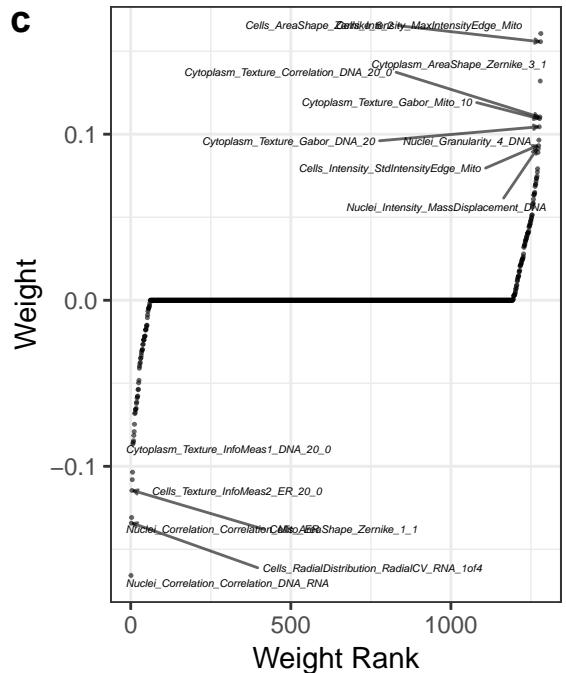
Test
Train

Shuffled Data

Real

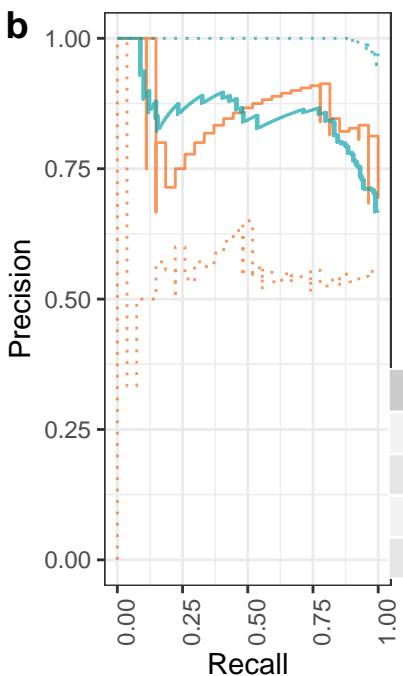
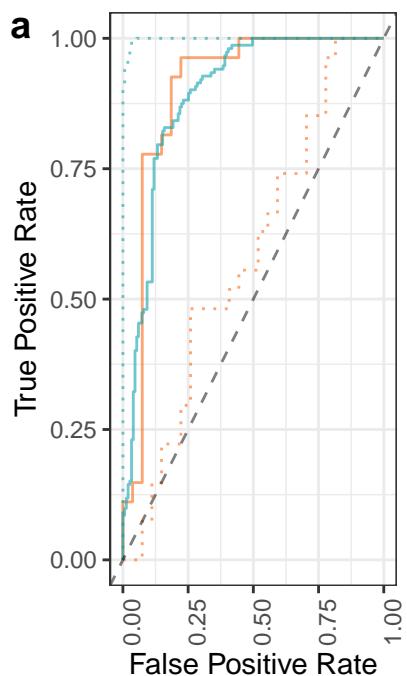
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.89	0.88	True	False	151
Test	0.77	0.81	Test	False	151
Train	0.95	0.94	Train	True	151
Test	0.70	0.70	Test	True	151



Shuffled
False
True

Performance: cc_edu_pos_alexa647_intensity_nucleus_area_su



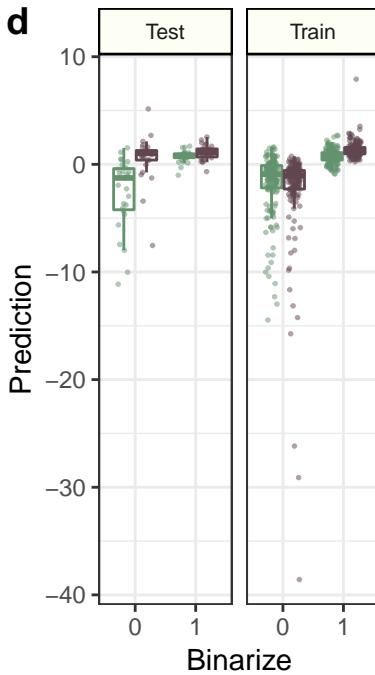
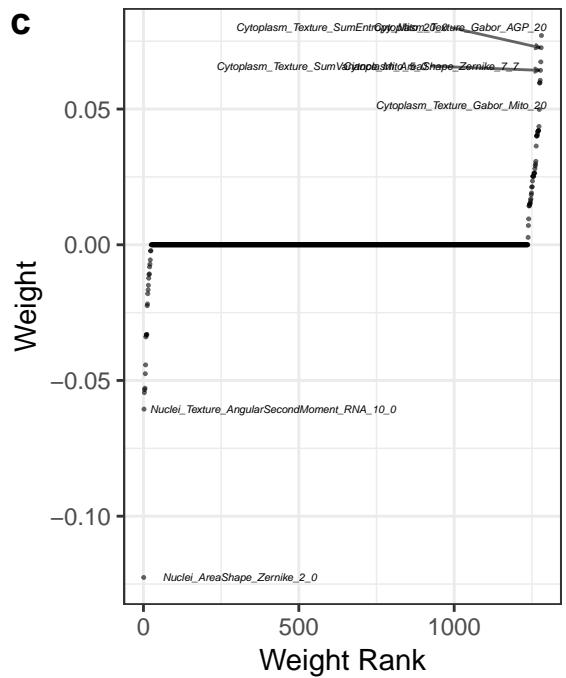
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.89	0.86	Train	False	151
Train	0.90	0.85	Test	False	151
True	1.00	1.00	Train	True	151
False	0.58	0.55	Test	True	151

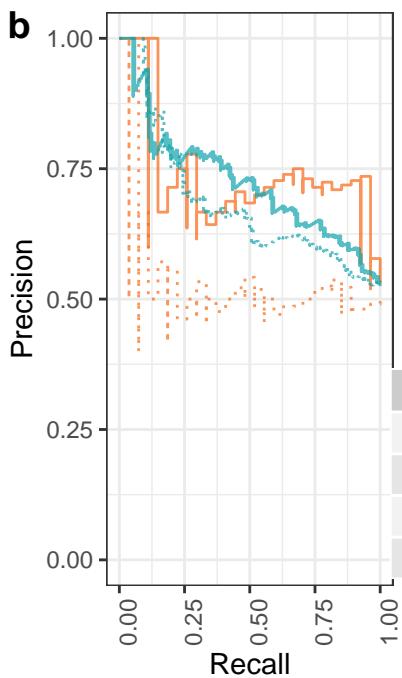
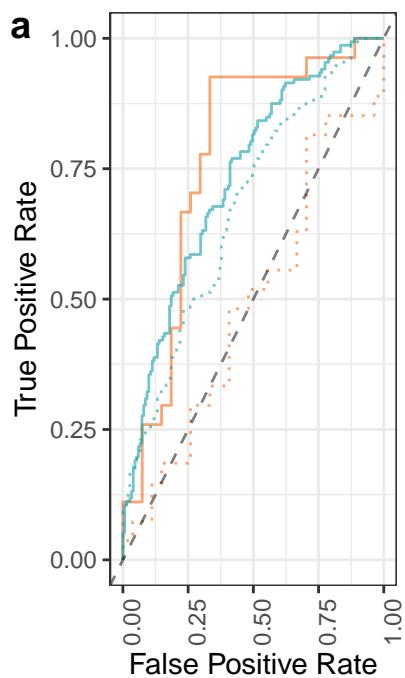


Shuffled

False

True

Performance: cc_edu_pos_high_n_spots_h2ax_mean



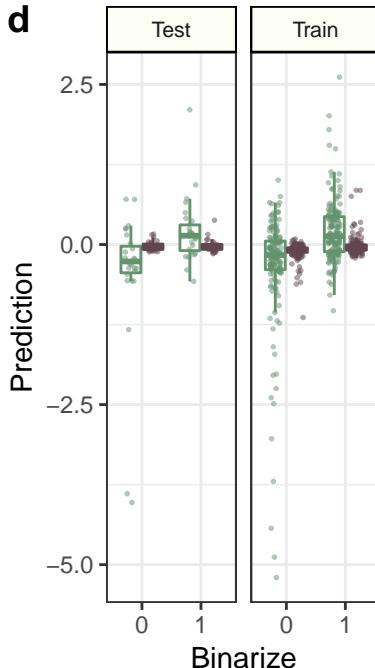
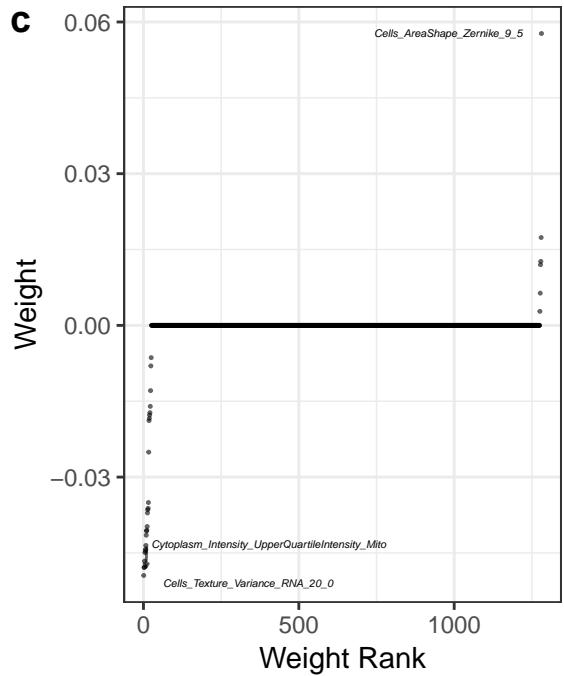
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.73	0.72	Train	False	151
Train	0.77	0.73	Test	False	151
True	0.67	0.68	Train	True	151
False	0.49	0.53	Test	True	151

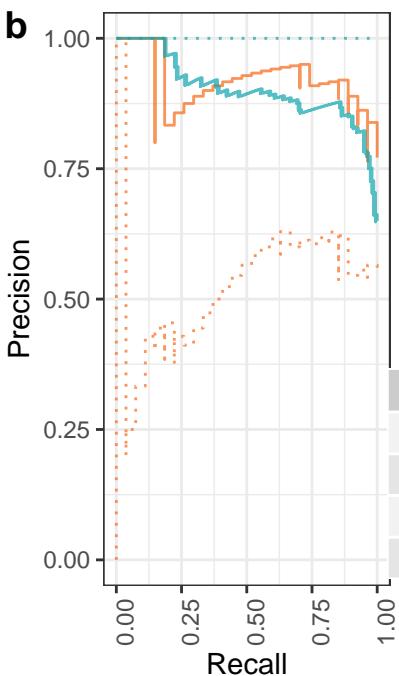
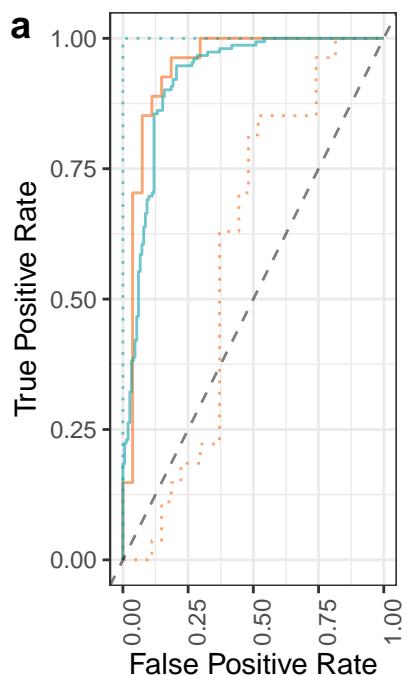


Shuffled

False

True

Performance: cc_edu_pos_n_objects



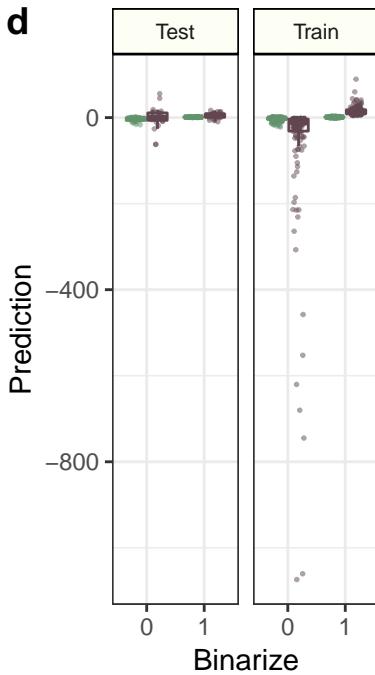
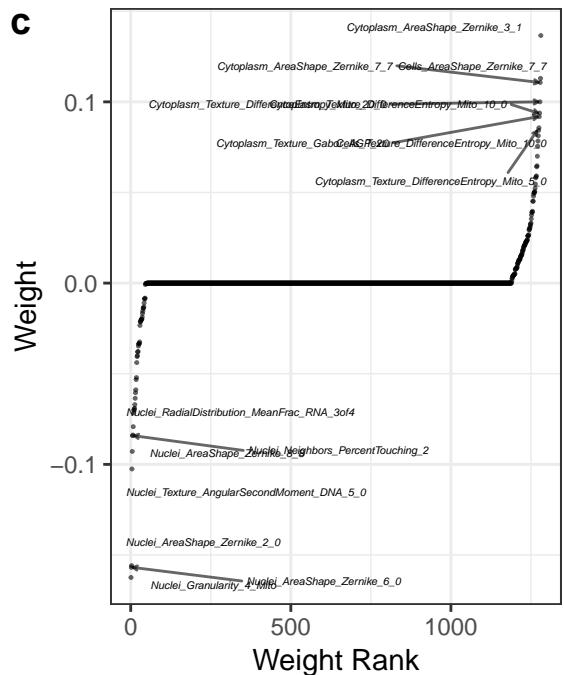
Test
Train

Shuffled Data

Real

Shuffled

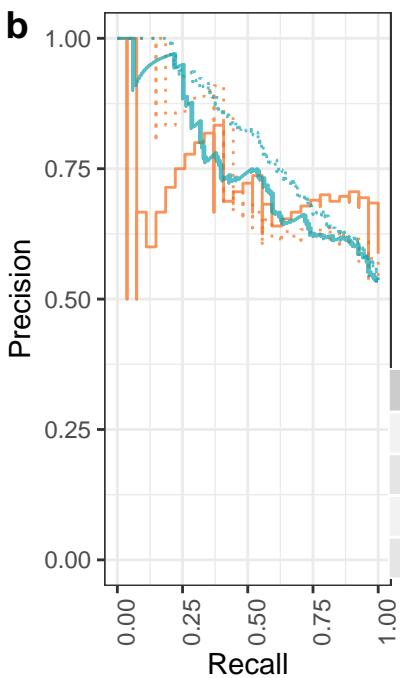
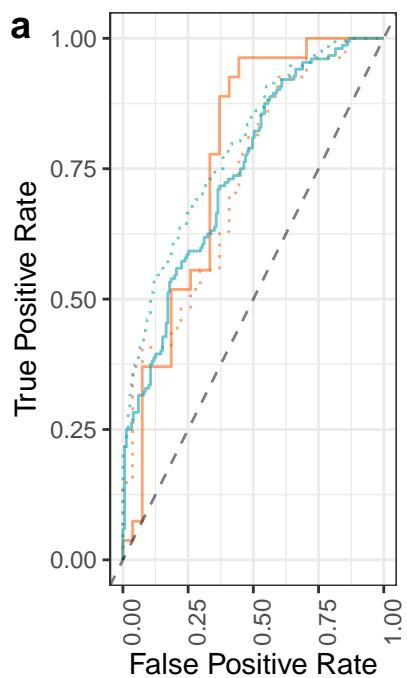
	auroc	aupr	fit	shuffle	n
Test	0.92	0.90	Train	False	151
Train	0.94	0.92	Test	False	151
True	1.00	1.00	Train	True	151
False	0.59	0.52	Test	True	151



Shuffled

- False
- True

Performance: cc_edu_pos_n_spots_mean



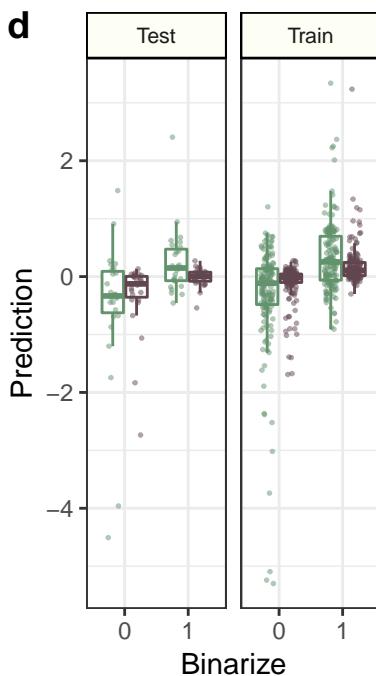
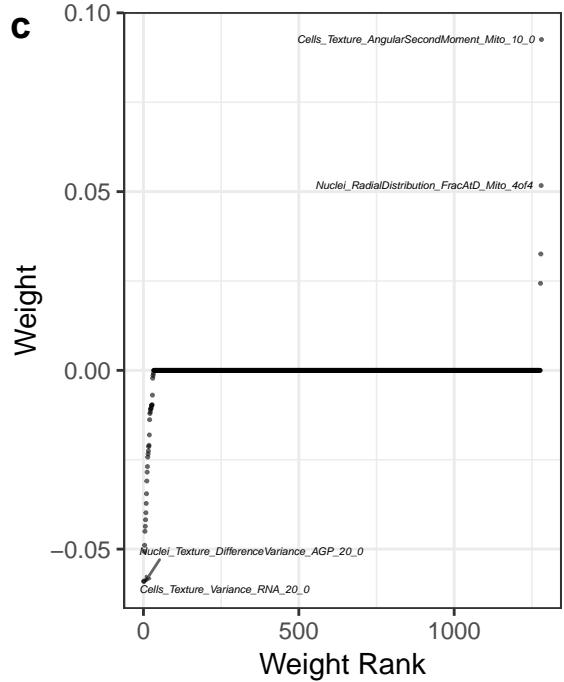
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.74	0.76	True	False	151
Test	0.77	0.71	Test	False	151
Train	0.79	0.81	Train	True	151
Test	0.73	0.75	Test	True	151

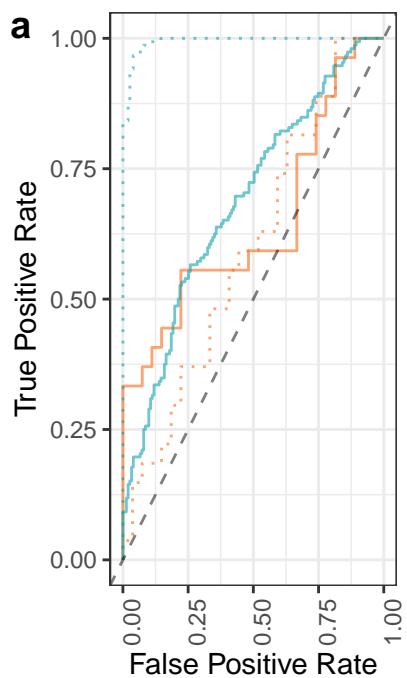


Shuffled

False

True

Performance: cc_edu_pos_n_spots_per_nucleus_area_mean

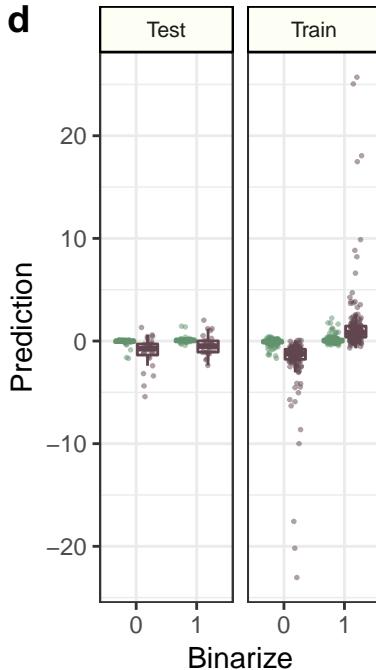
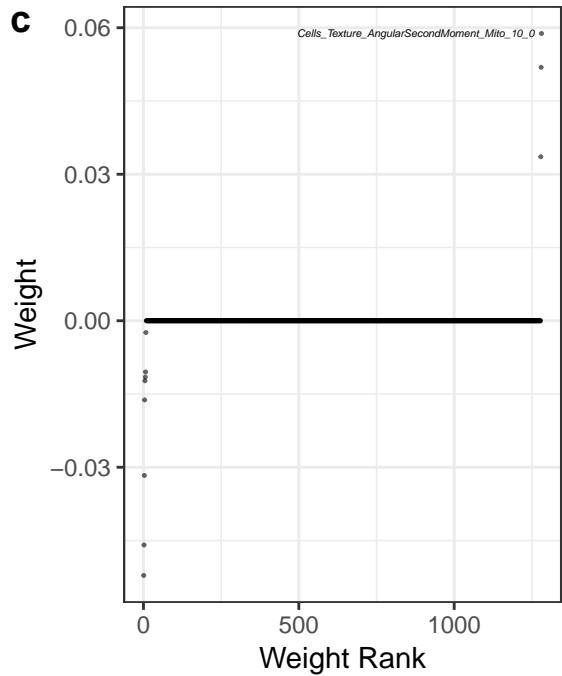


Shuffled Data

Real

Shuffled

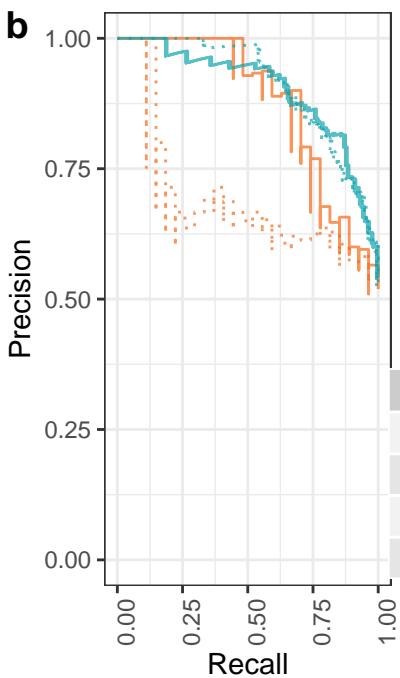
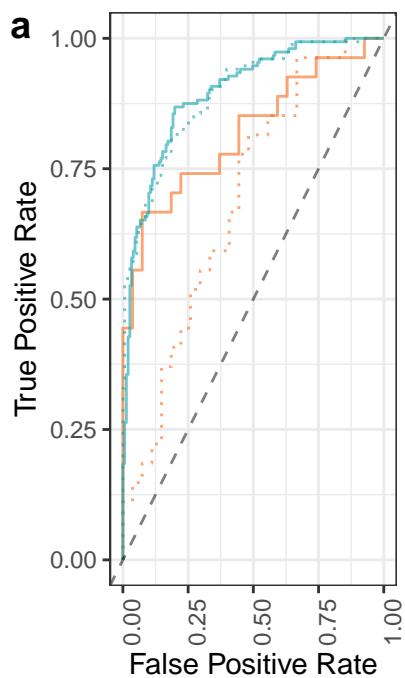
	auroc	aupr	fit	shuffle	n
Train	0.69	0.70	True	False	151
Test	0.64	0.73	Test	False	151
Train	0.99	0.99	Train	True	151
Test	0.60	0.61	Test	True	151



Shuffled

- False
- True

Performance: cc_g1_high_n_spots_h2ax_mean



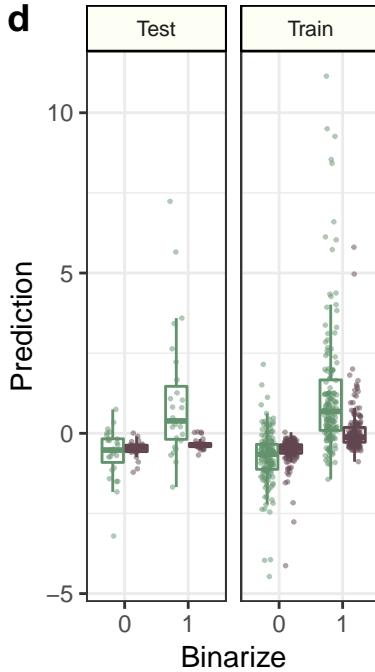
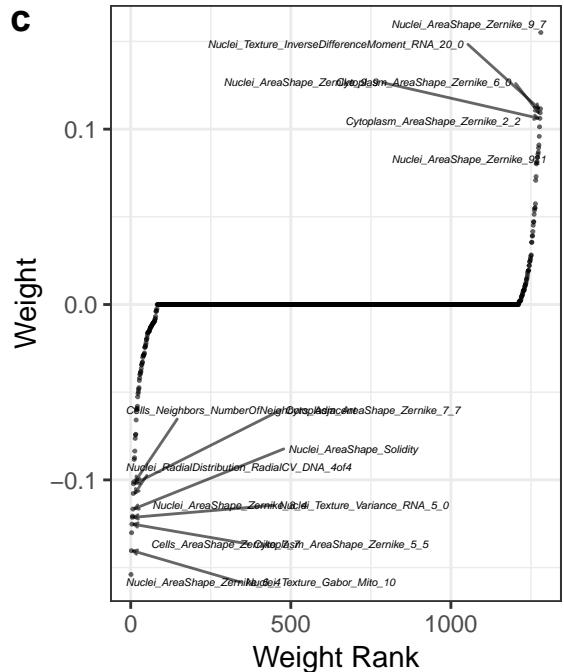
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.90	0.90	True	False	151
Test	0.82	0.86	Test	False	151
Train	0.89	0.91	Train	True	151
Test	0.69	0.68	Test	True	151

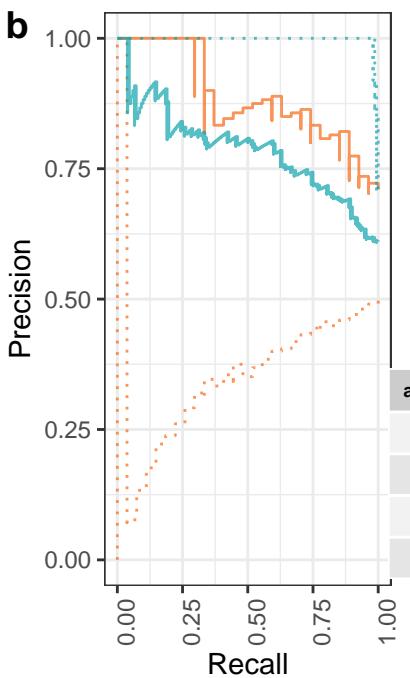
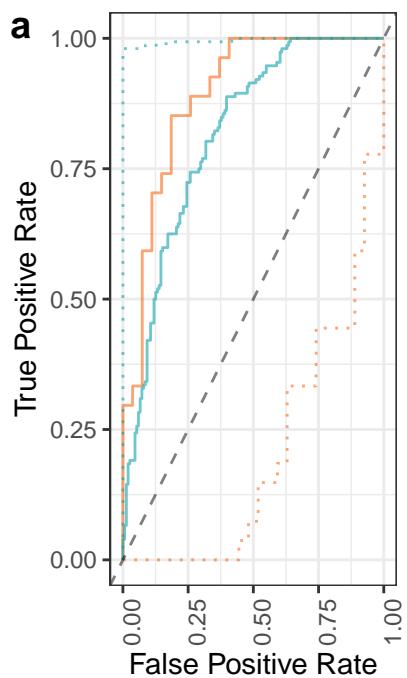


Shuffled

False

True

Performance: cc_g1_n_objects



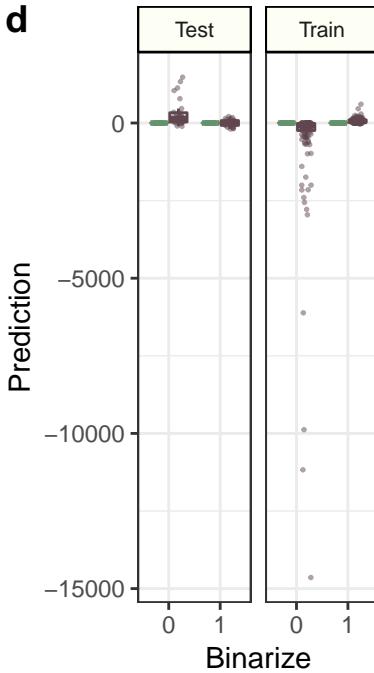
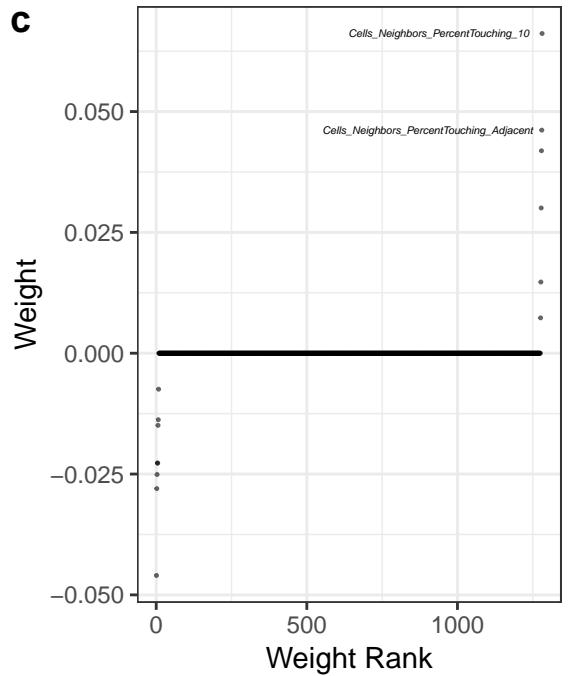
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.81	0.79	True	False	151
Test	0.89	0.88	False	True	151
Train	1.00	1.00	True	True	151
Test	0.20	0.36	True	True	151

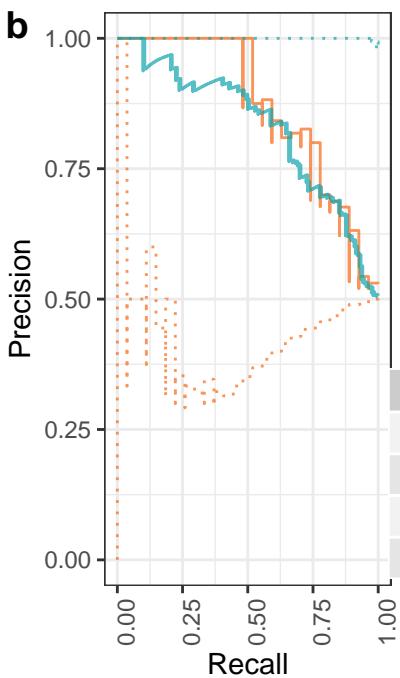
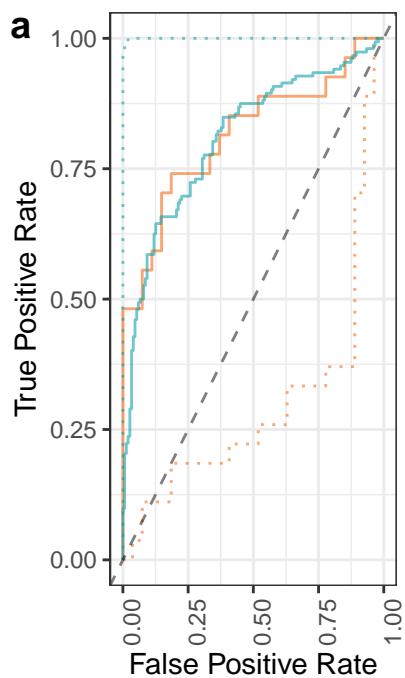


Shuffled

False

True

Performance: cc_g1_n_spots_mean



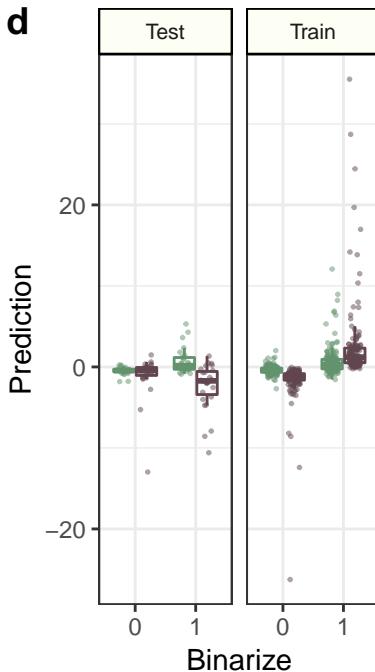
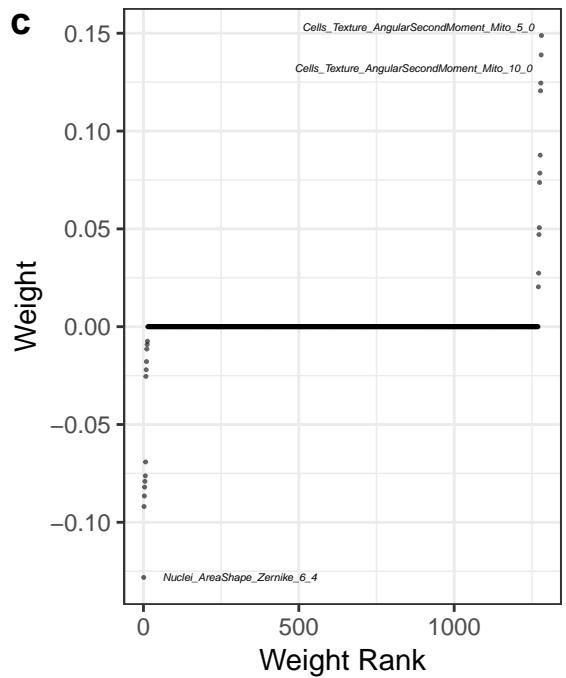
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.81	0.83	True	False	151
Test	0.81	0.86	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.29	0.43	Test	True	151

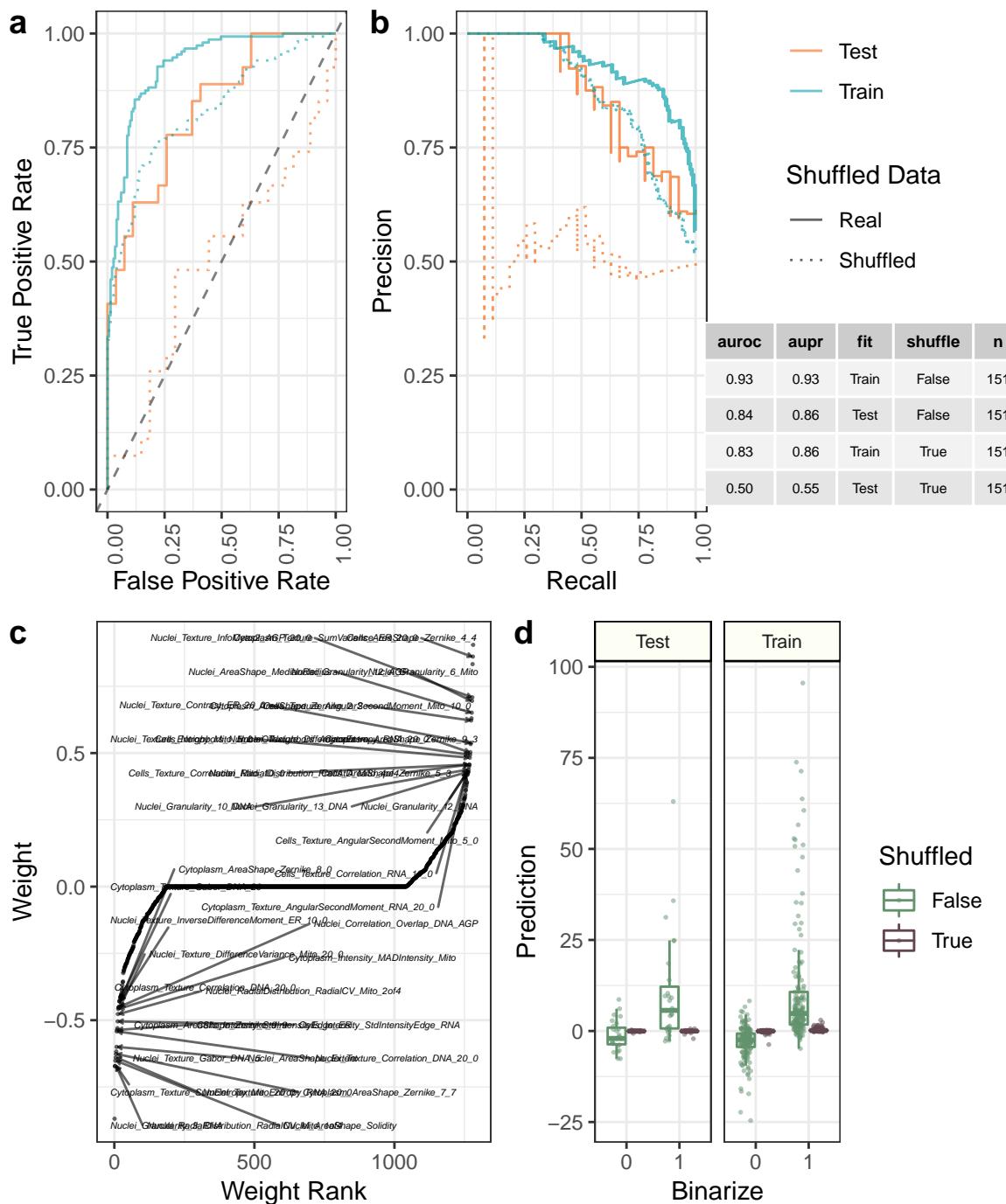


Shuffled

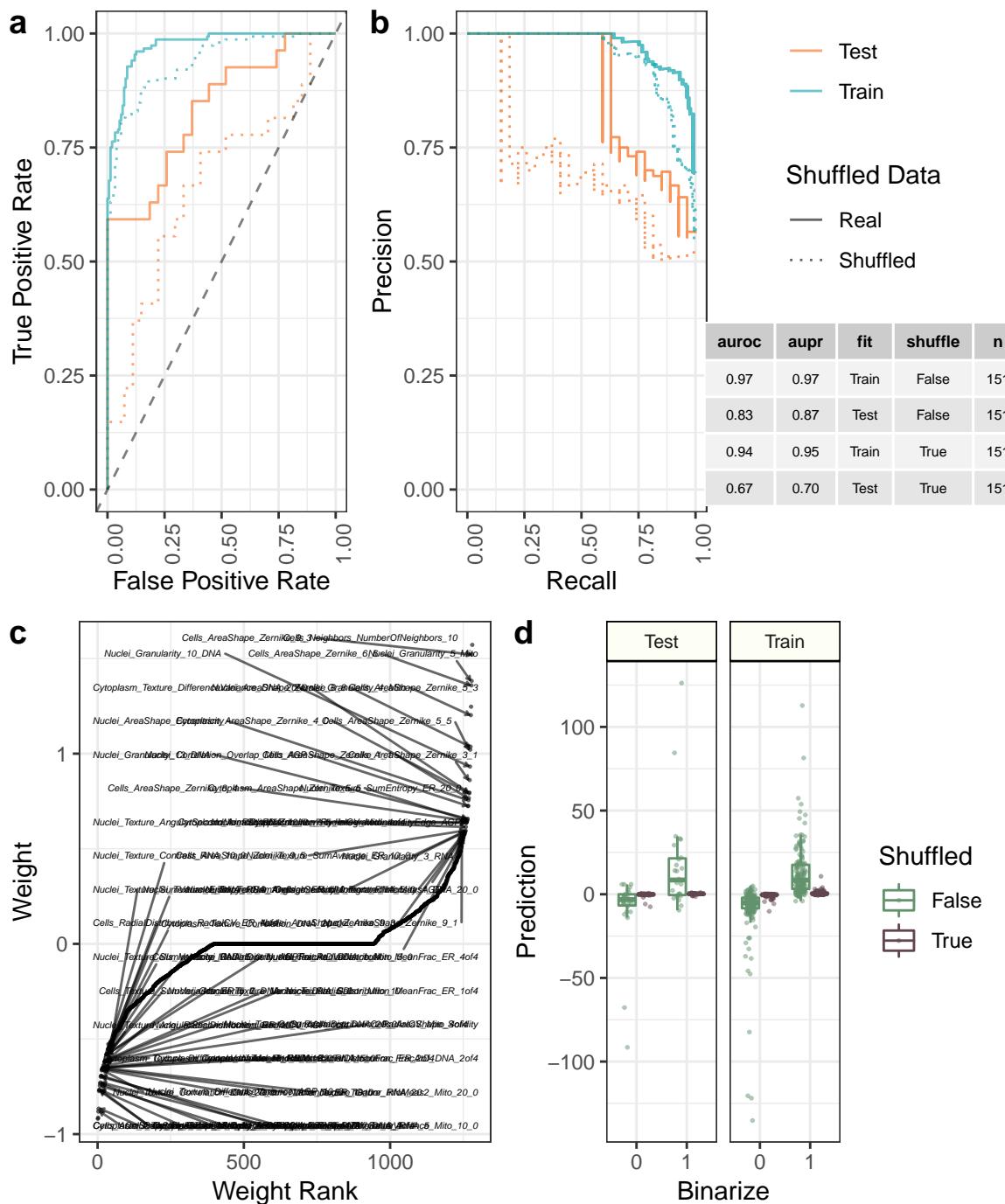
False

True

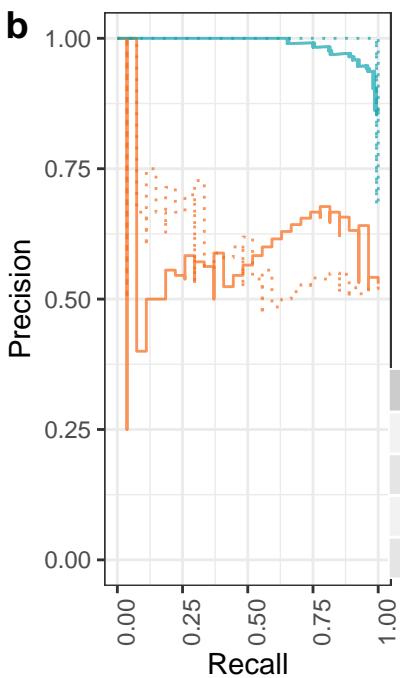
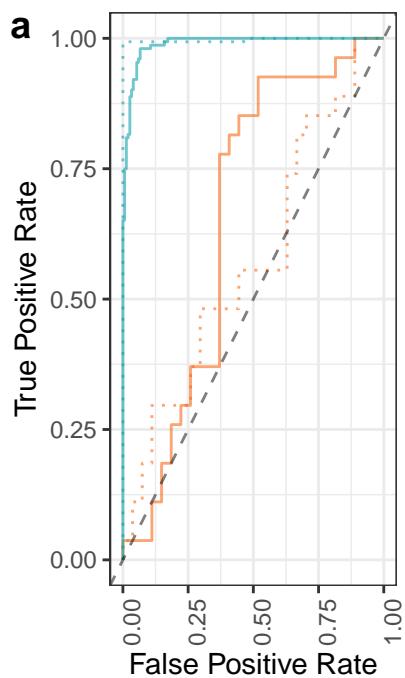
Performance: cc_g1_n_spots_per_nucleus_area_mean



Performance: cc_g1_plus_g2



Performance: cc_g2_g1



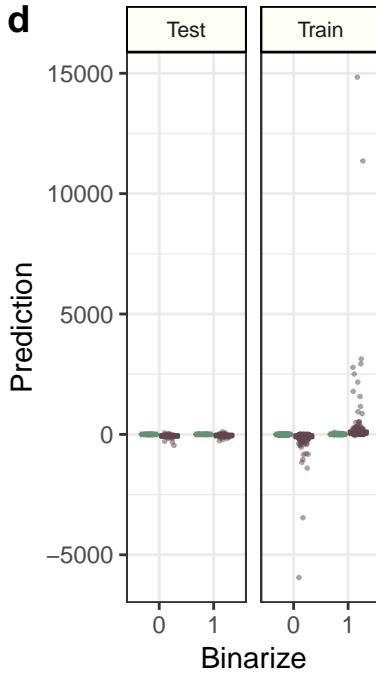
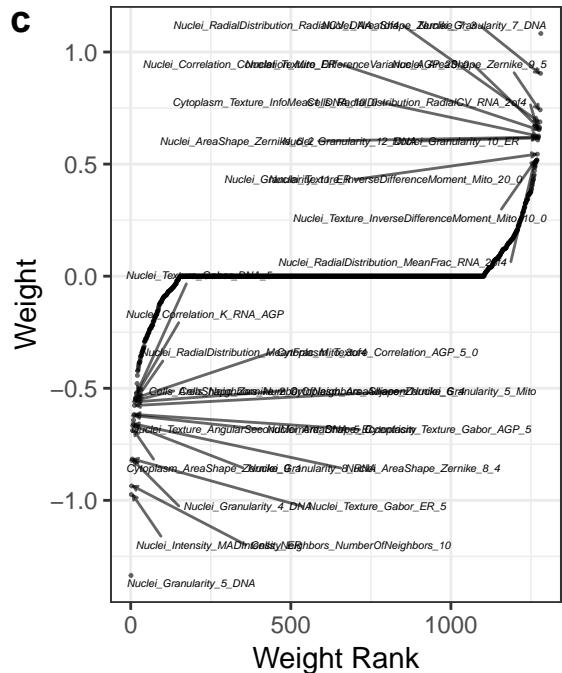
Test
Train

Shuffled Data

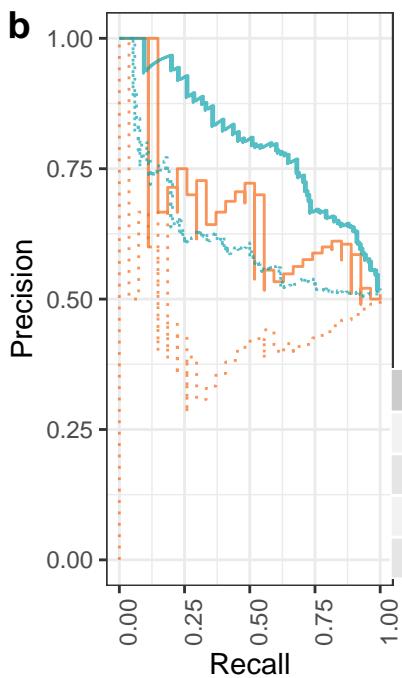
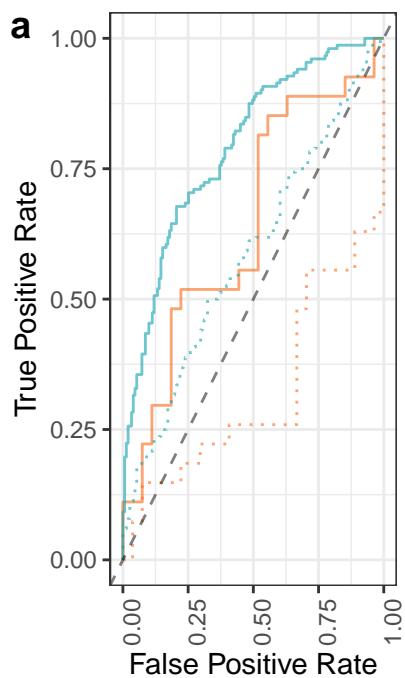
Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.99	0.99	True	False	151
Test	0.66	0.60	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.57	0.60	Test	True	151



Performance: cc_g2_ph3_neg_high_n_spots_h2ax_mean



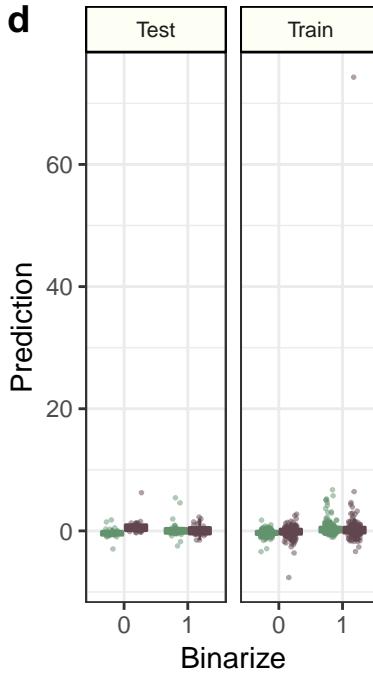
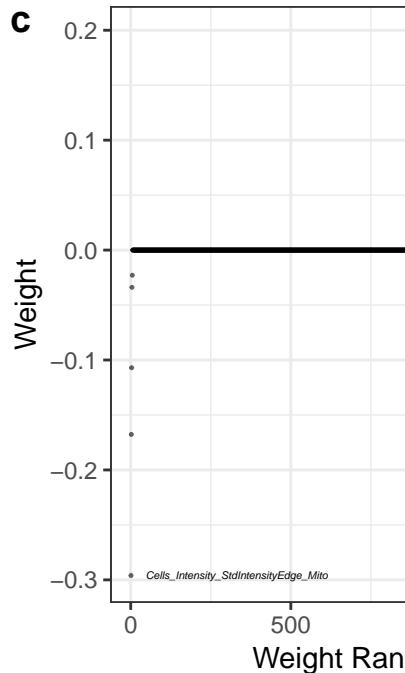
Test
Train

Shuffled Data

Real

Shuffled

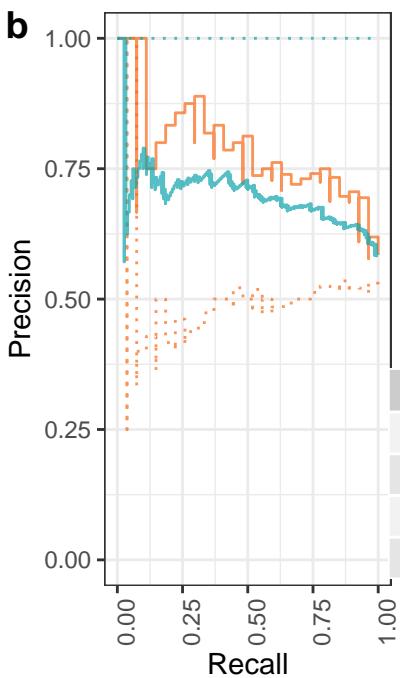
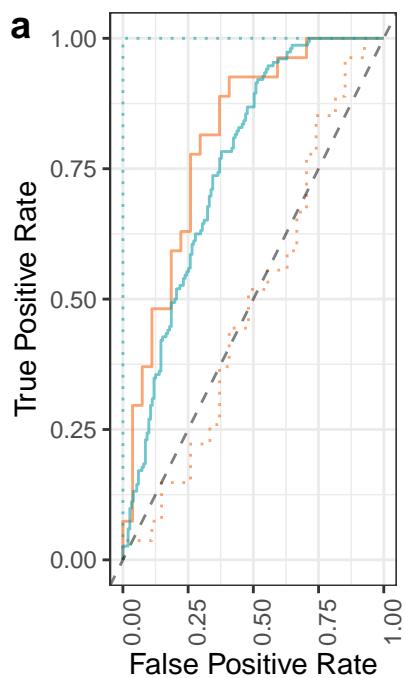
	auroc	aupr	fit	shuffle	n
Train	0.79	0.80	True	False	151
Test	0.64	0.67	Test	False	151
Train	0.58	0.62	Train	True	151
Test	0.32	0.45	Test	True	151



Shuffled

False
True

Performance: cc_g2_ph3_neg_n_objects



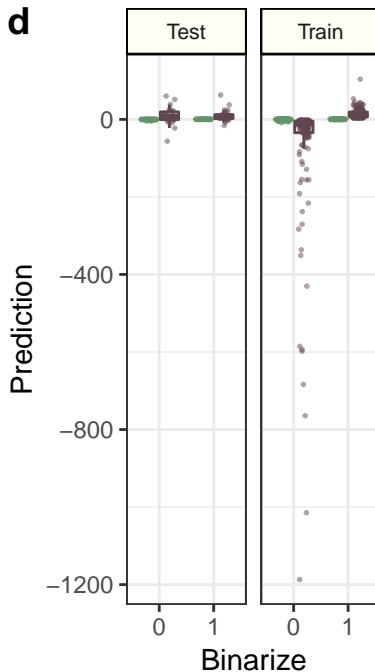
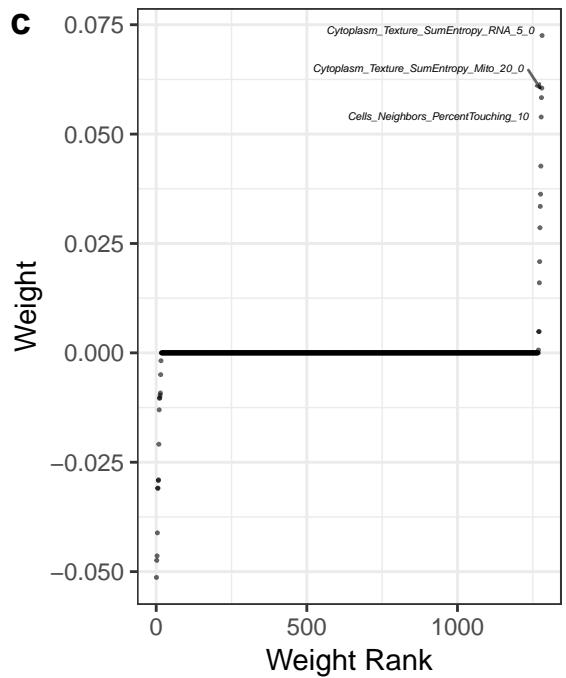
Test
Train

Shuffled Data

Real

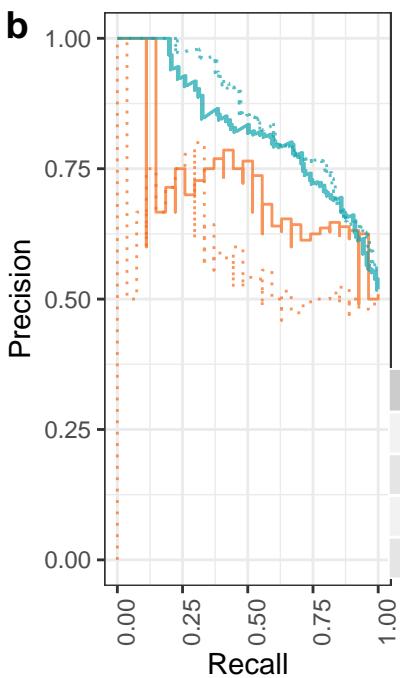
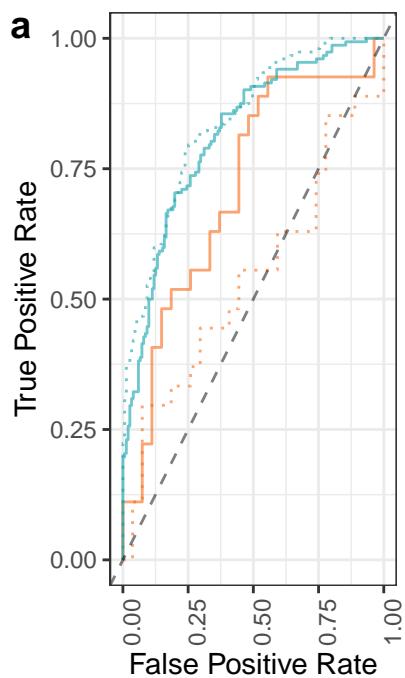
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.75	0.70	True	False	151
Test	0.81	0.78	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.49	0.51	Test	True	151



Shuffled
False
True

Performance: cc_g2_ph3_neg_n_spots_mean



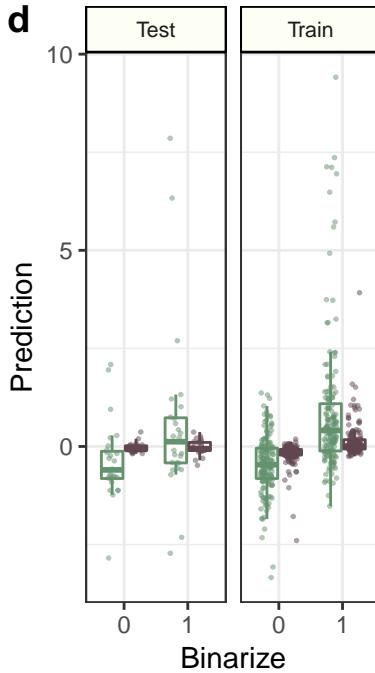
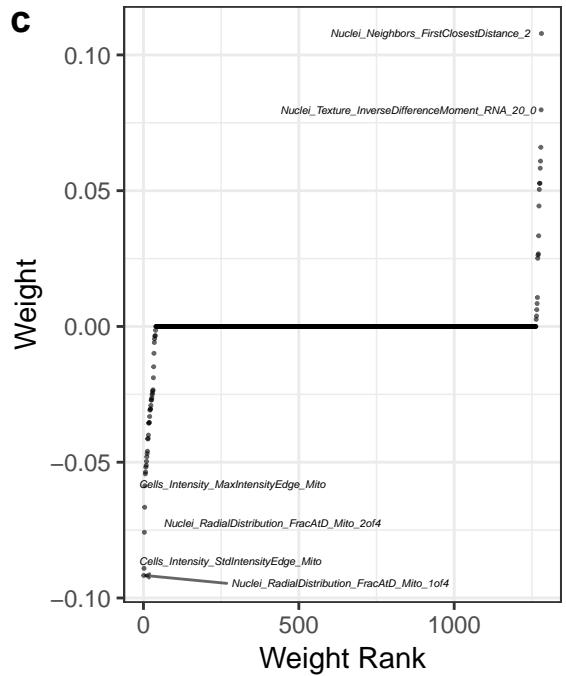
Test
Train

Shuffled Data

Real

Shuffled

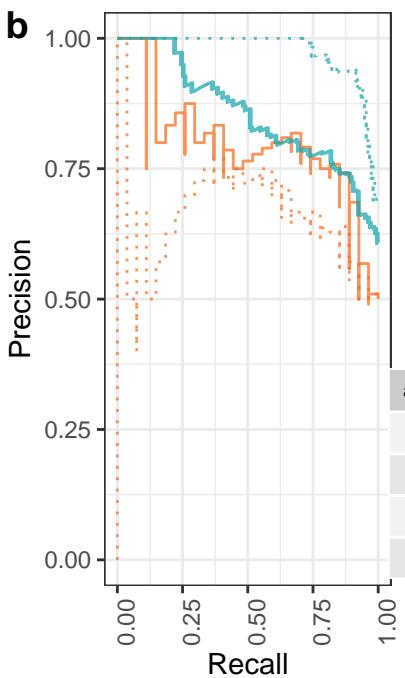
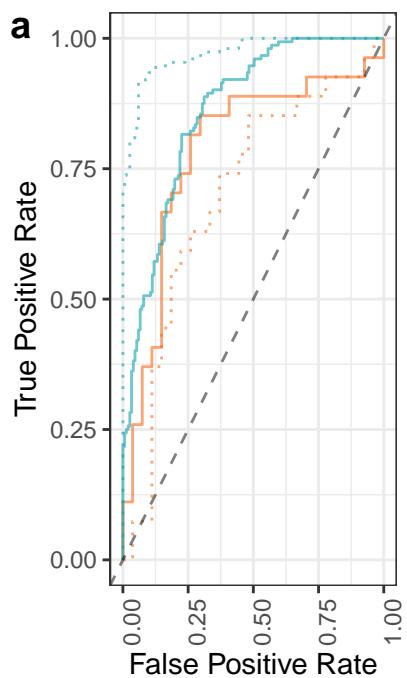
	auroc	aupr	fit	shuffle	n
Train	0.82	0.82	True	False	151
Test	0.71	0.71	Test	False	151
Train	0.84	0.85	Train	True	151
Test	0.54	0.58	Test	True	151



Shuffled

False
True

Performance: cc_g2_ph3_neg_n_spots_per_nucleus_area_mean



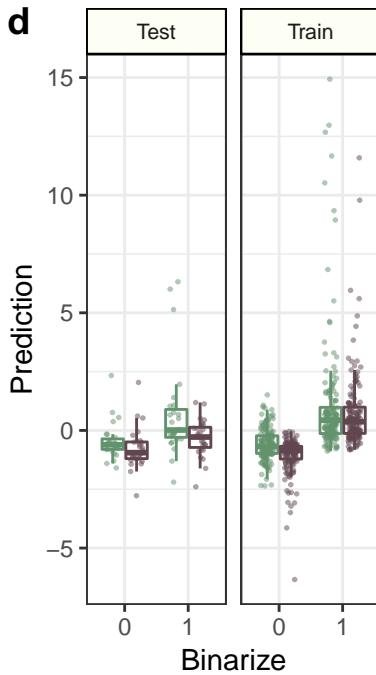
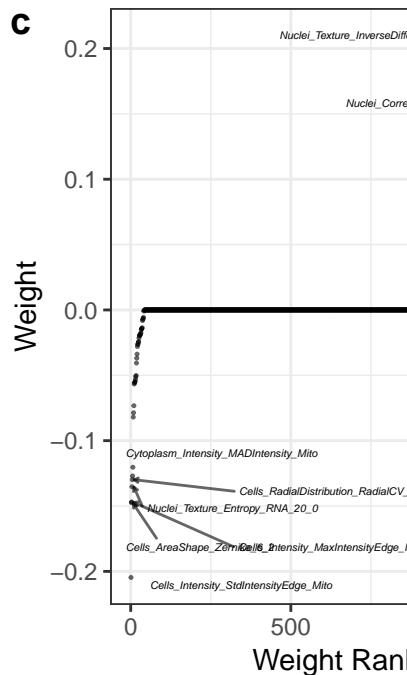
Test
Train

Shuffled Data

Real

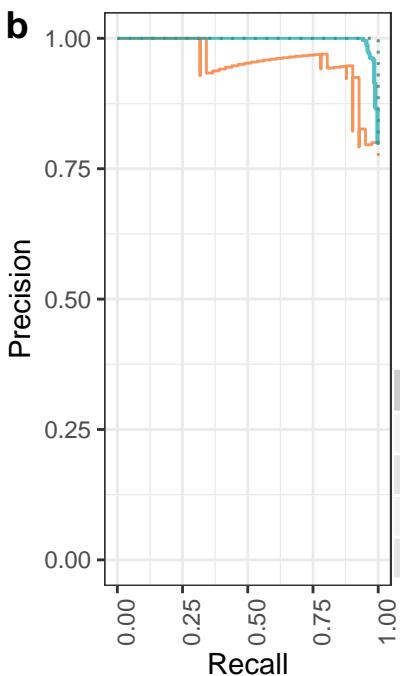
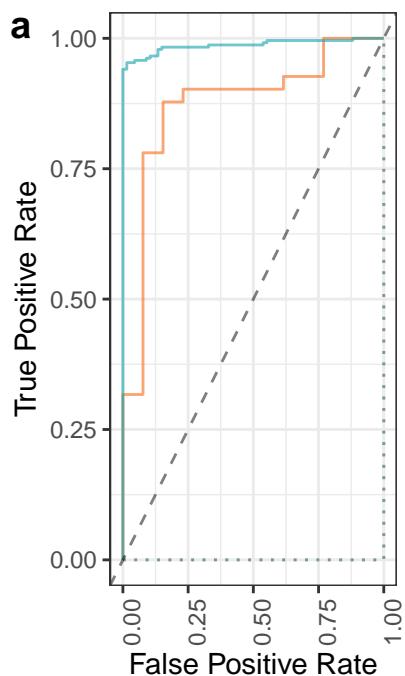
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.86	0.85	True	False	151
Test	0.79	0.78	Test	False	151
Train	0.97	0.97	Train	True	151
Test	0.70	0.65	Test	True	151



Shuffled
False
True

Performance: cc_g2_ph3_pos_high_n_spots_h2ax_mean

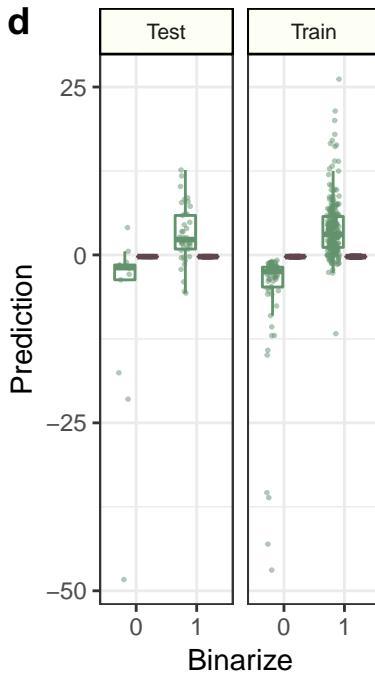
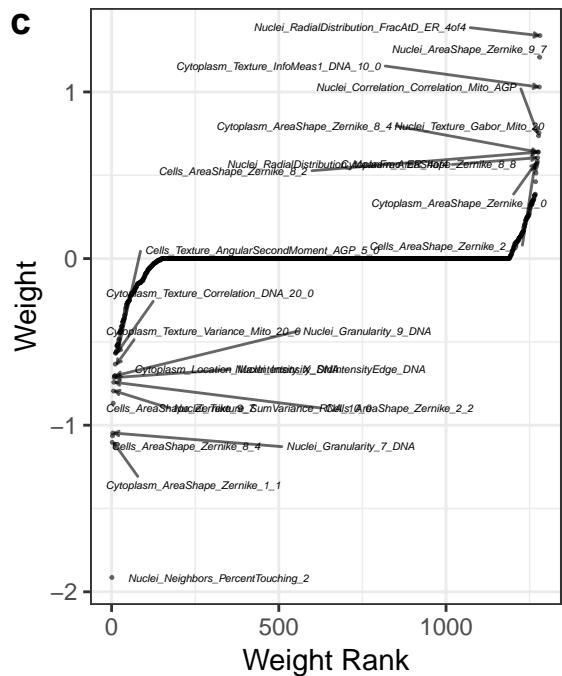


Shuffled Data

— Real

··· Shuffled

auroc	aupr	fit	shuffle	n
0.99	1.00	Train	False	67
0.87	0.95	Test	False	67
0.50	0.78	Train	True	67
0.50	0.76	Test	True	67

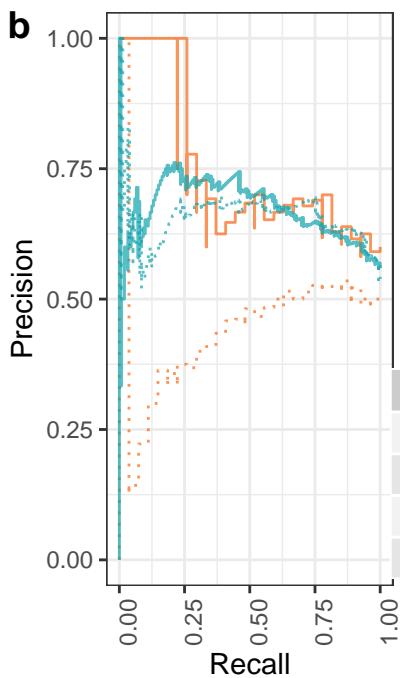
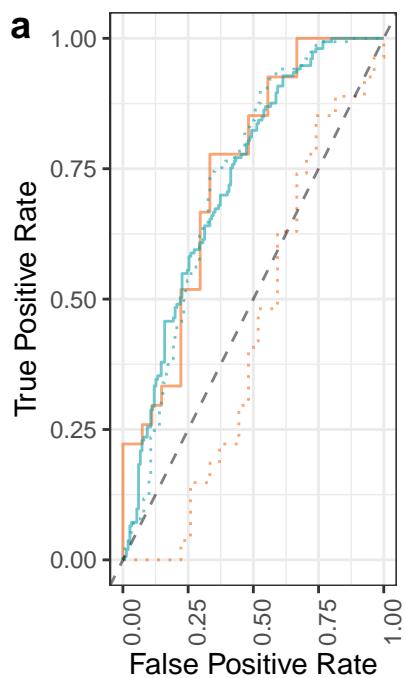


Shuffled

False

True

Performance: cc_g2_ph3_pos_n_objects

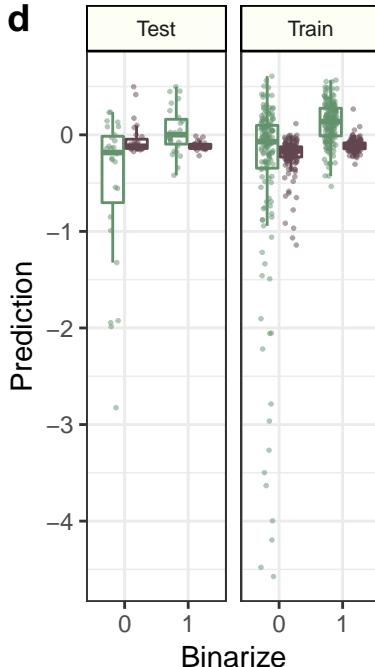
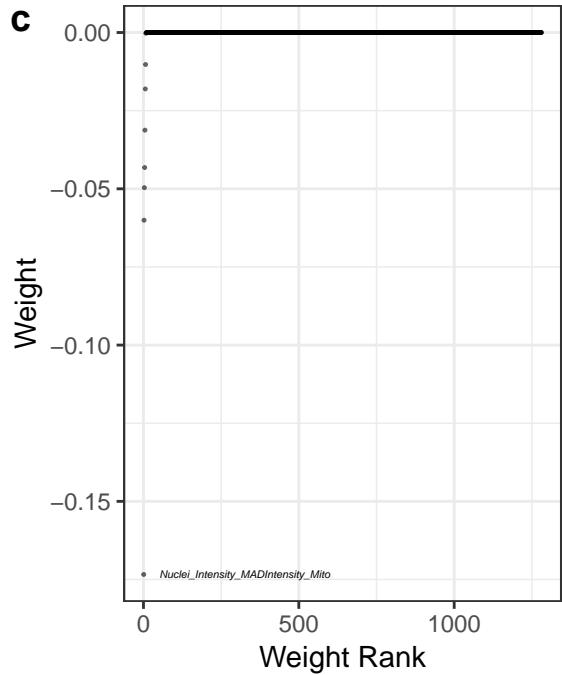


Test
Train

Shuffled Data

Real
Shuffled

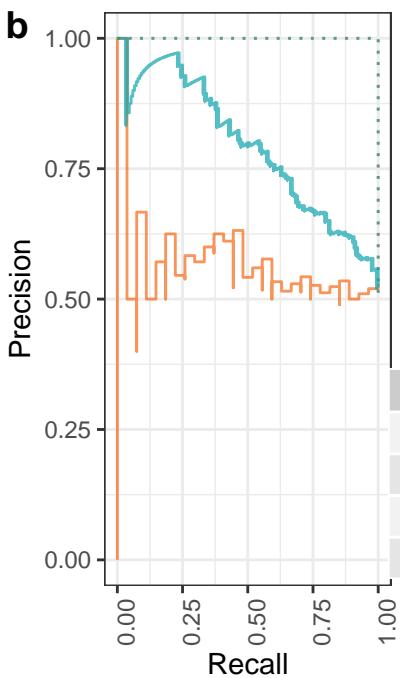
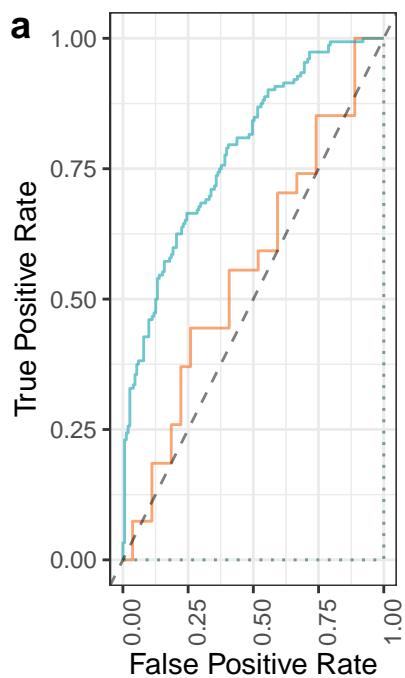
	auroc	aupr	fit	shuffle	n
Train	0.73	0.67	True	False	150
Test	0.74	0.74	Test	False	150
Train	0.72	0.66	Train	True	150
Test	0.43	0.44	Test	True	150



Shuffled

False
True

Performance: cc_g2_ph3_pos_n_spots_mean



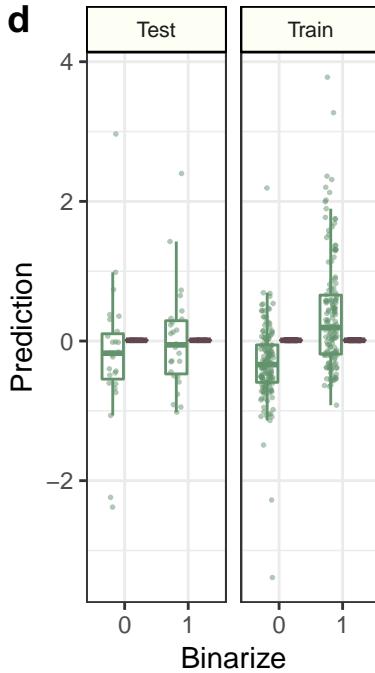
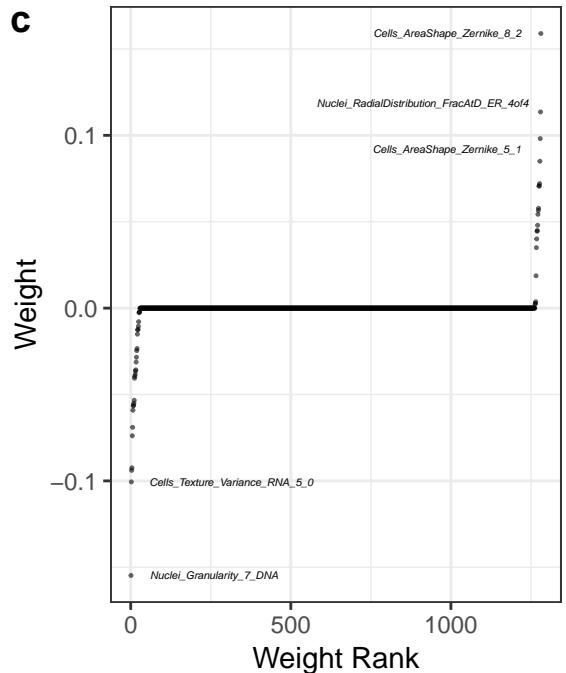
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.78	0.79	Train	False	151
Train	0.56	0.56	Test	False	151
True	0.50	0.50	Train	True	151
False	0.50	0.50	Test	True	151

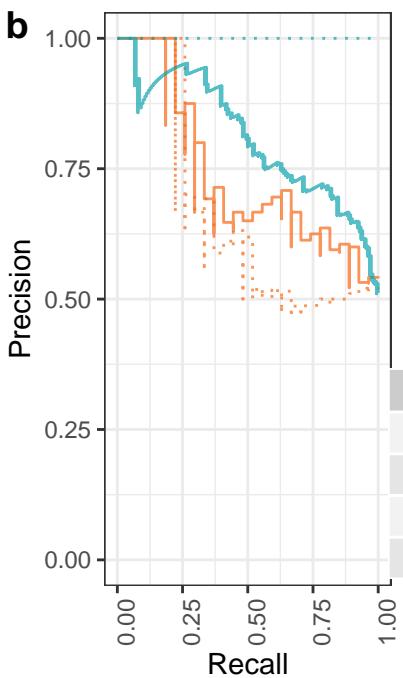
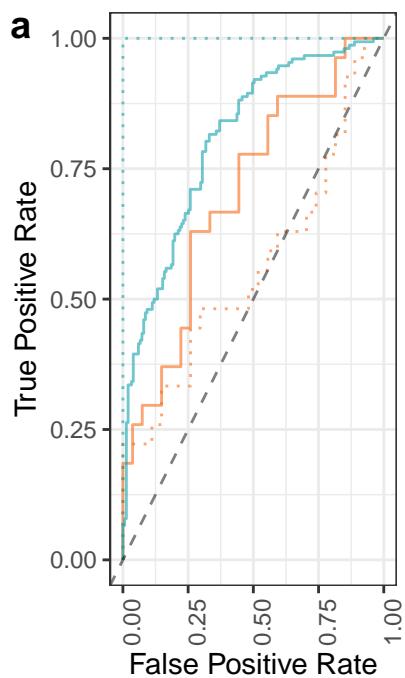


Shuffled

False

True

Performance: cc_g2_ph3_pos_n_spots_per_nucleus_area_mean



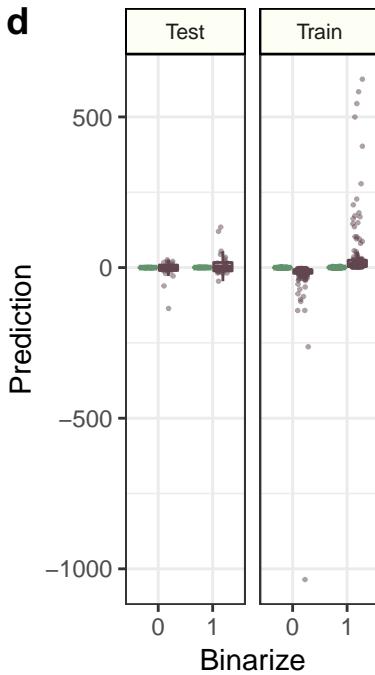
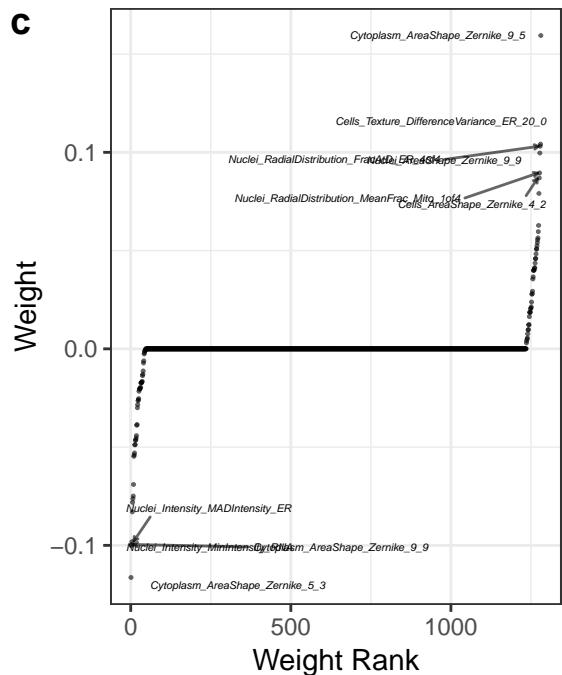
Test
Train

Shuffled Data

Real

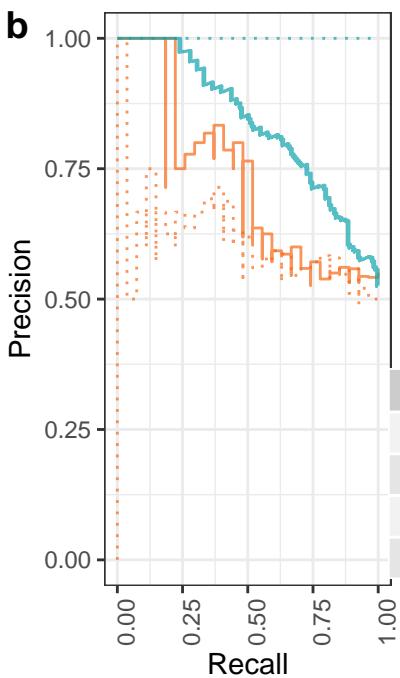
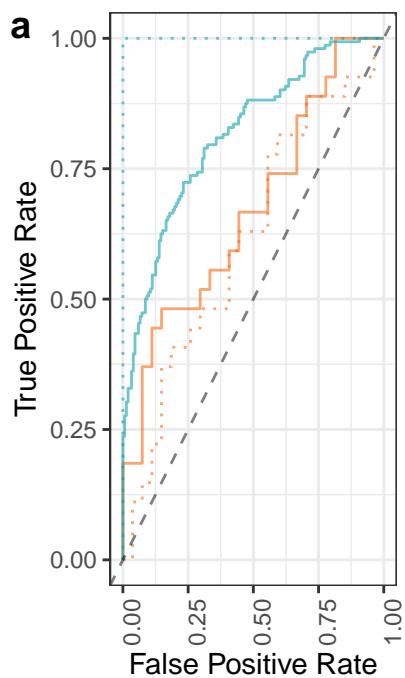
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.81	0.81	True	False	151
Test	0.70	0.73	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.56	0.65	Test	True	151



Shuffled
False
True

Performance: cc_g2_plus_all_m

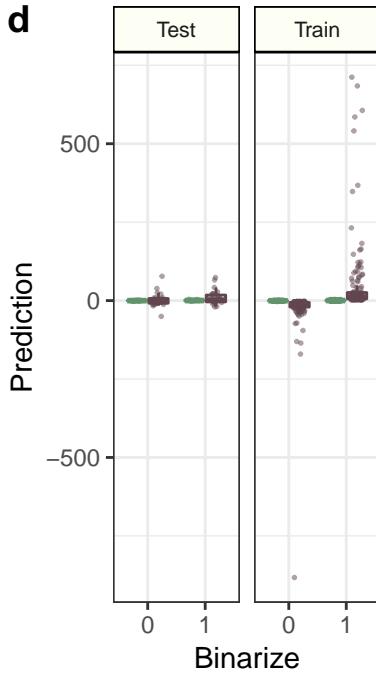
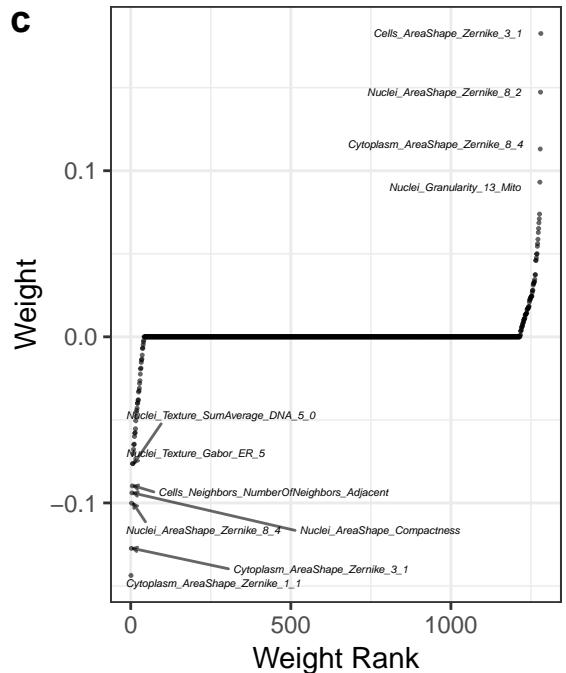


Test
Train

Shuffled Data

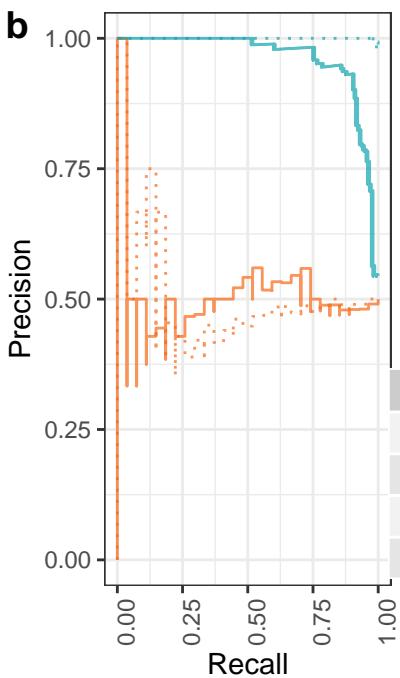
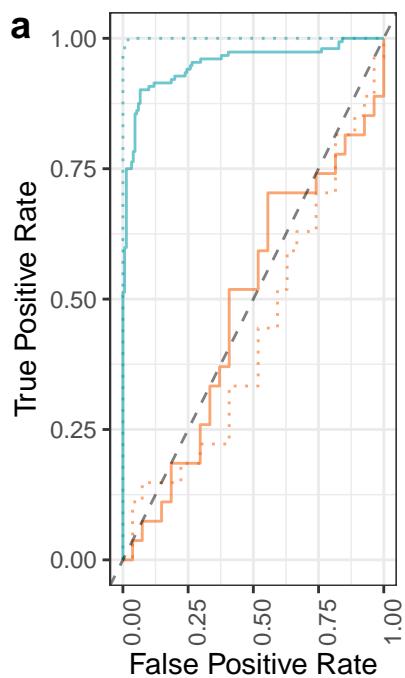
Real
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.81	0.83	True	False	151
Test	0.67	0.72	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.61	0.60	Test	True	151



Shuffled
False
True

Performance: cc_infection_percentage

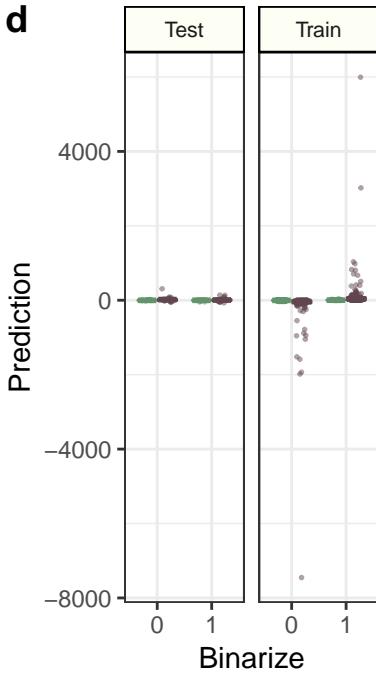
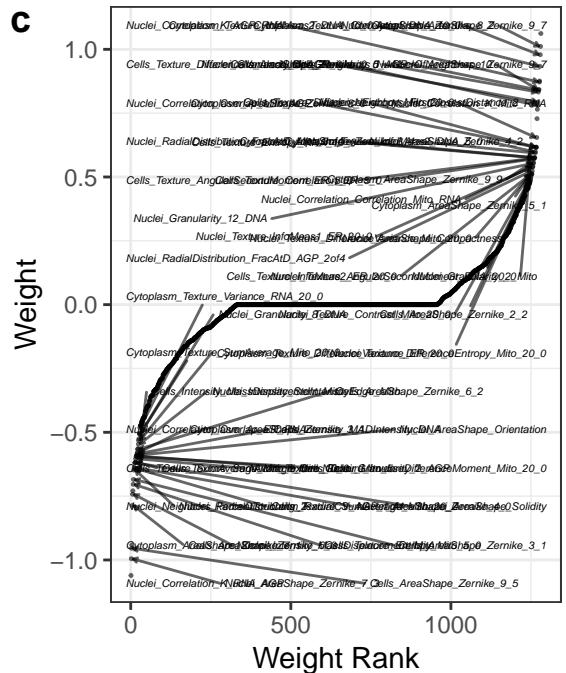


Test
Train

Shuffled Data

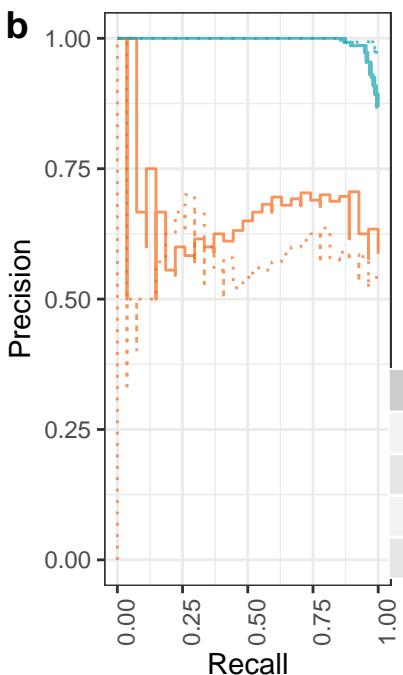
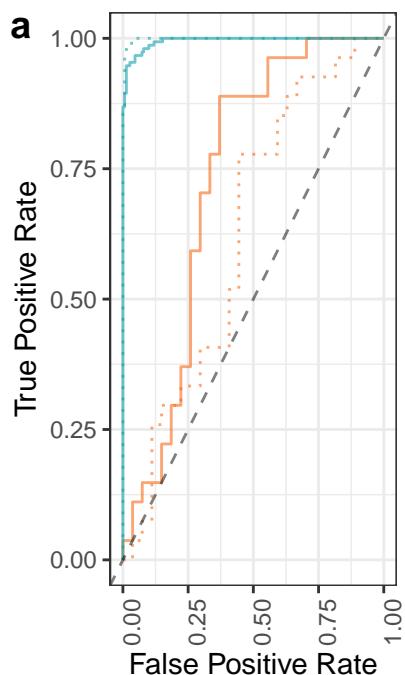
Real
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.95	0.96	True	False	151
Test	0.49	0.50	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.43	0.49	Test	True	151



Shuffled
False
True

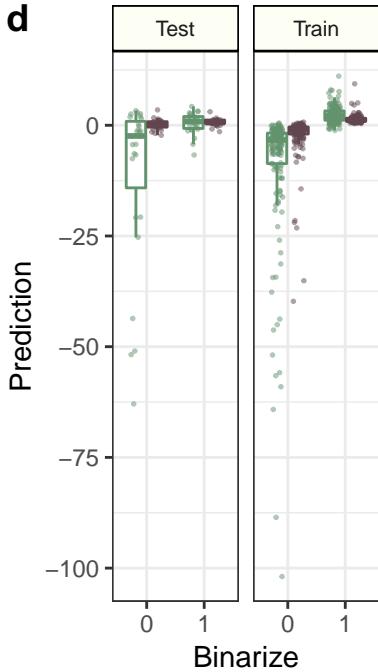
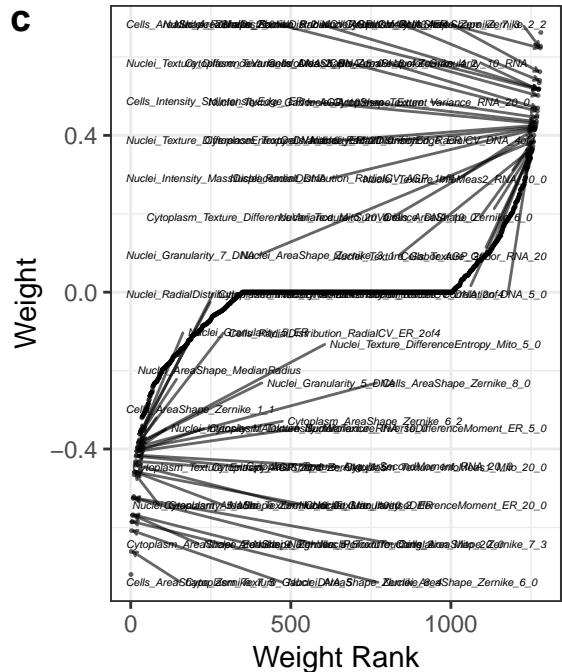
Performance: cc_mitosis_ph3_neg_n_objects



Shuffled Data

- Real
- Shuffled

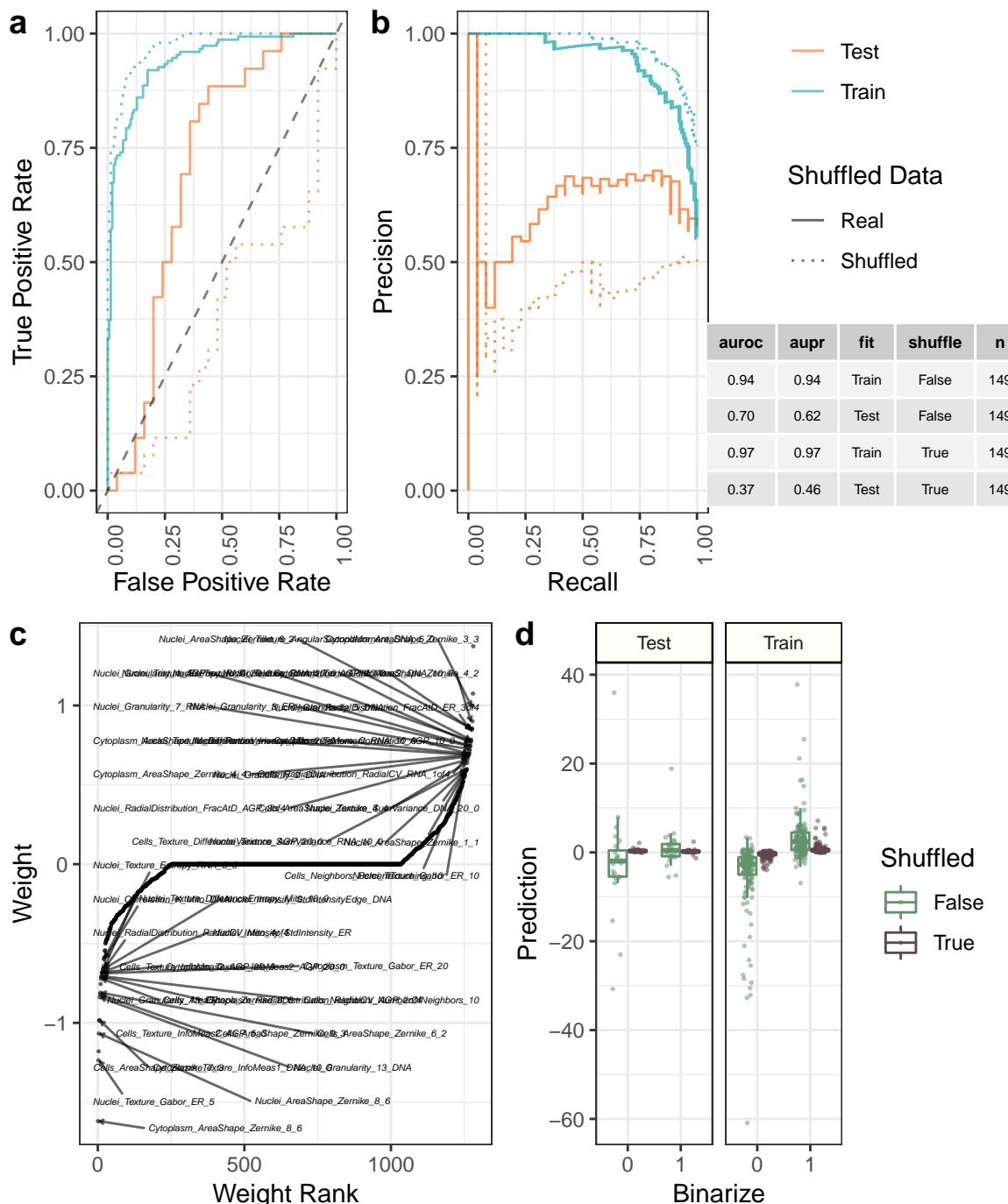
auroc	aupr	fit	shuffle	n
0.99	1.00	Train	False	151
0.73	0.67	Test	False	151
1.00	1.00	Train	True	151
0.62	0.58	Test	True	151



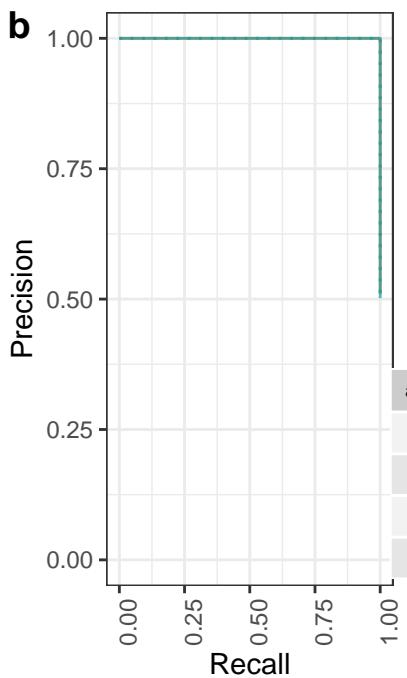
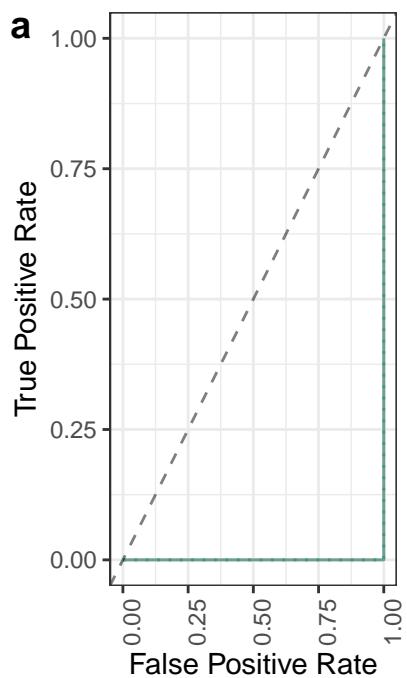
Shuffled

- False
- True

Performance: cc_mitosis_ph3_neg_n_spots_mean



Performance: cc_mitosis_ph3_neg_n_spots_per_nucleus_area_



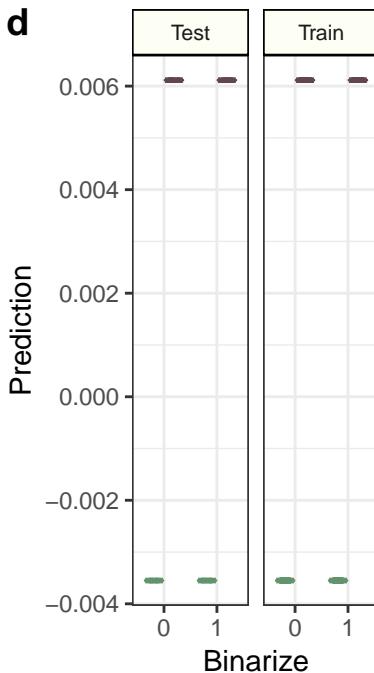
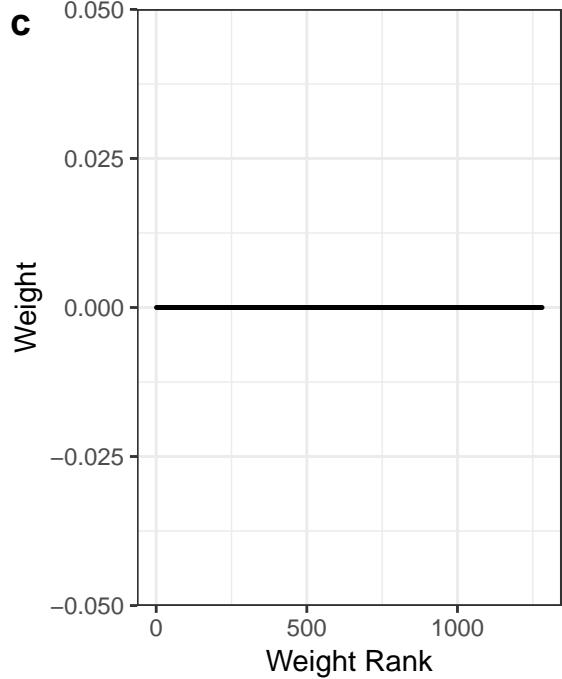
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.5	0.50	Train	False	149
Train	0.5	0.51	Test	False	149
Real	0.5	0.50	Train	True	149
Shuffled	0.5	0.51	Test	True	149

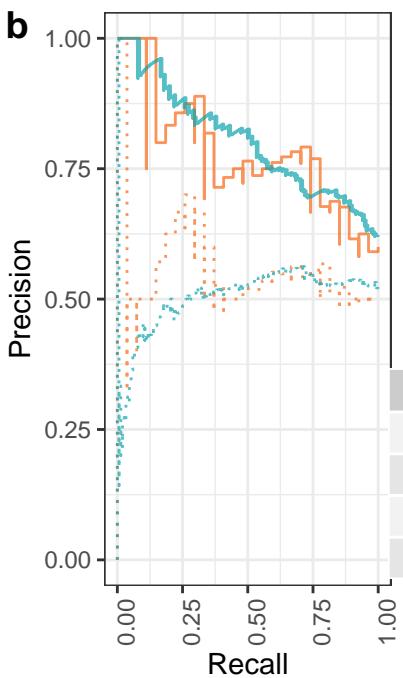
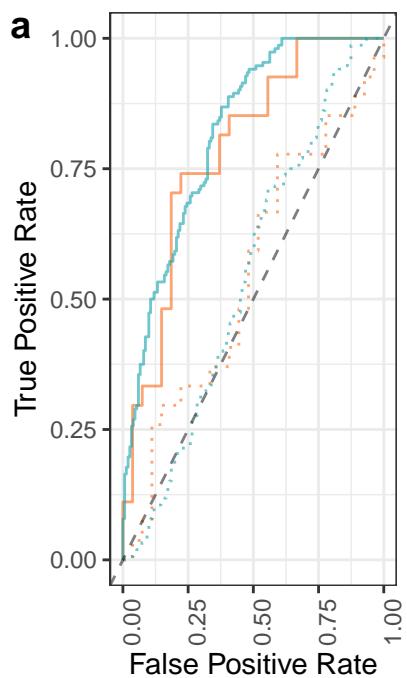


Shuffled

False

True

Performance: cc_mitosis_ph3_pos_n_objects



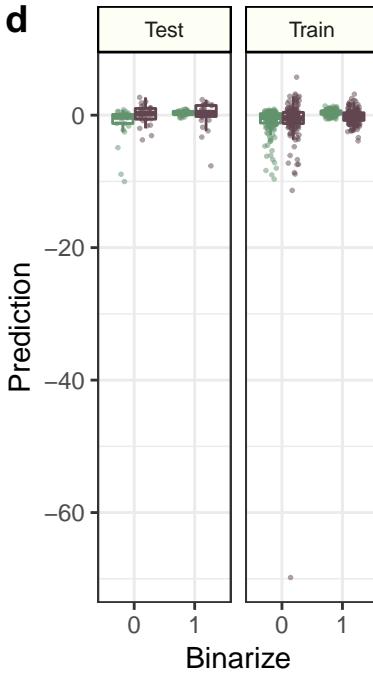
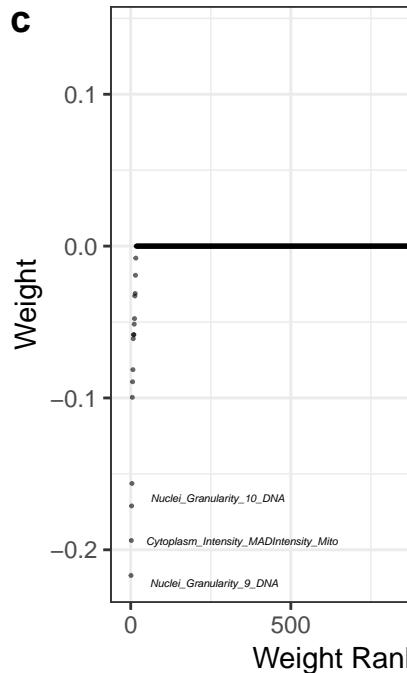
Test
Train

Shuffled Data

Real

Shuffled

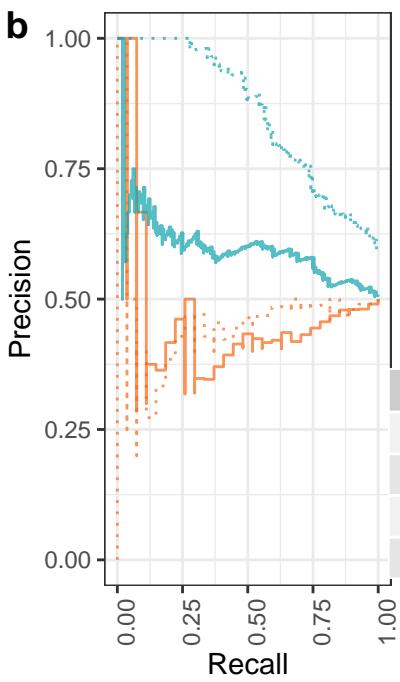
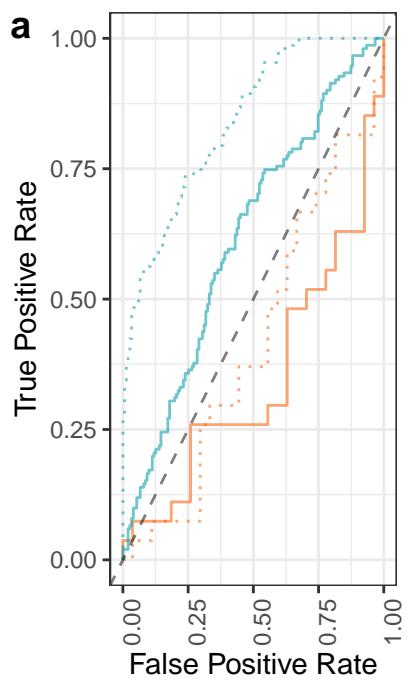
	auroc	aupr	fit	shuffle	n
Train	0.82	0.80	True	False	151
Test	0.79	0.77	Test	False	151
Train	0.55	0.50	Train	True	151
Test	0.55	0.55	Test	True	151



Shuffled

- False
- True

Performance: cc_mitosis_ph3_pos_n_spots_mean



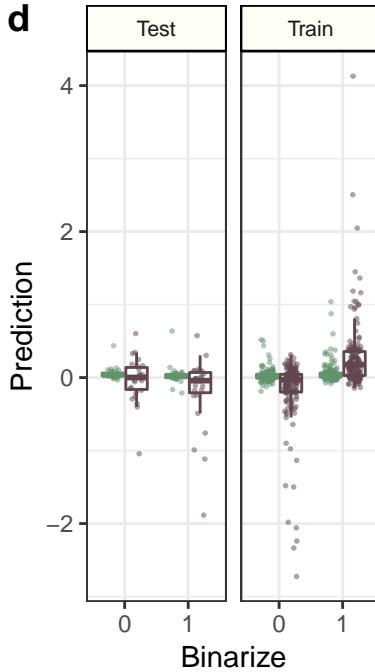
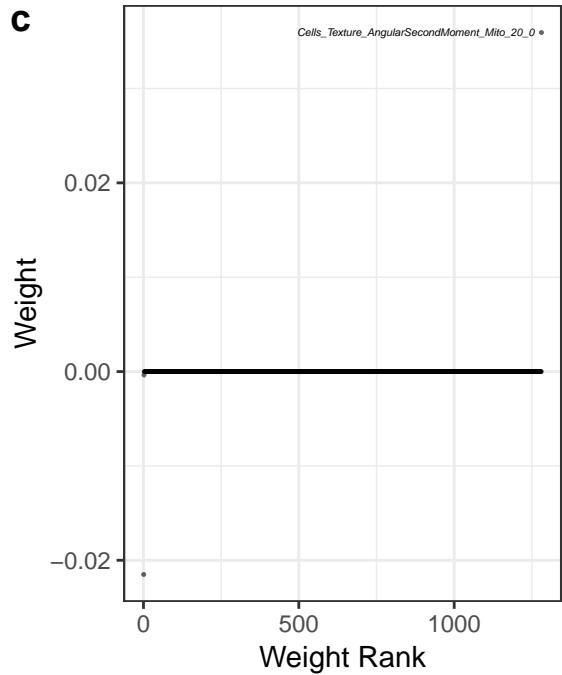
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.61	0.60	True	False	151
Test	0.35	0.46	Test	False	151
Train	0.84	0.85	Train	True	151
Test	0.42	0.45	Test	True	151

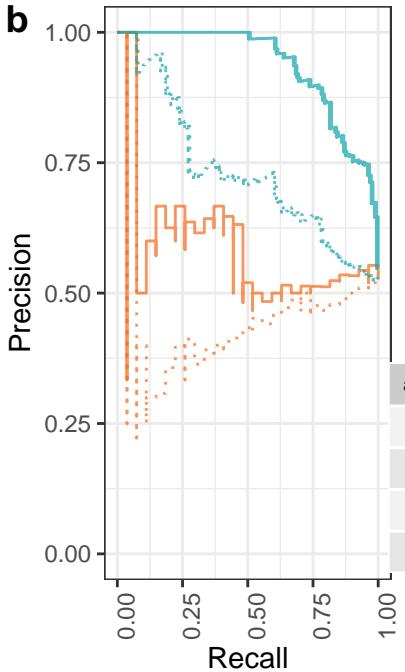
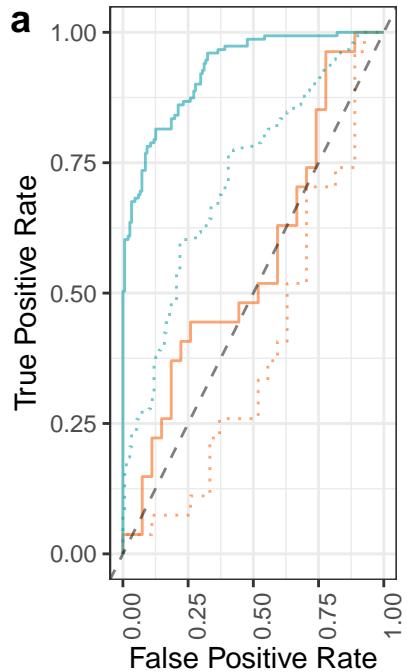


Shuffled

False

True

Performance: cc_mitosis_ph3_pos_n_spots_per_nucleus_area_

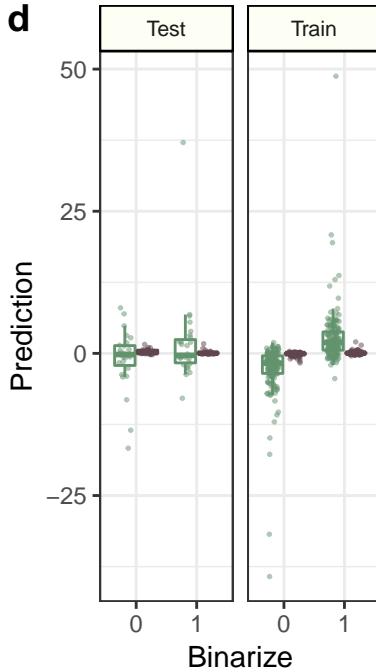
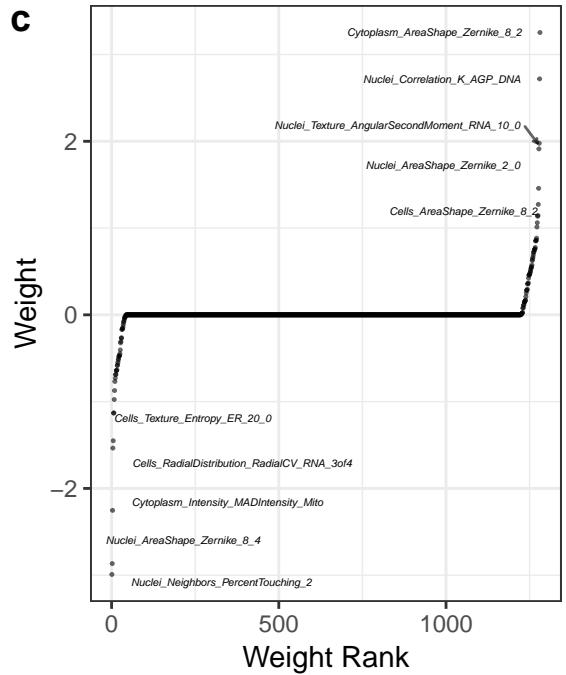


Shuffled Data

Real

Shuffled

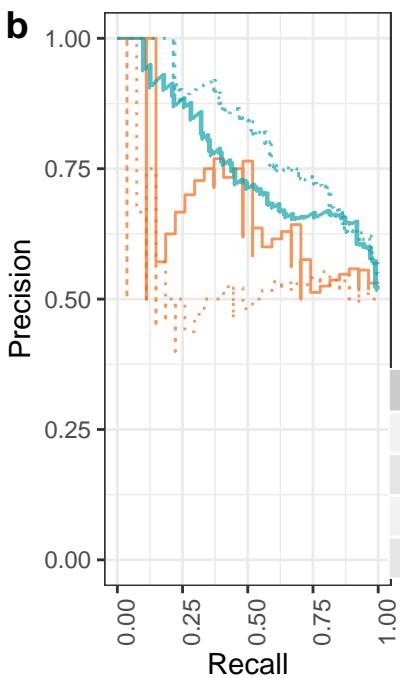
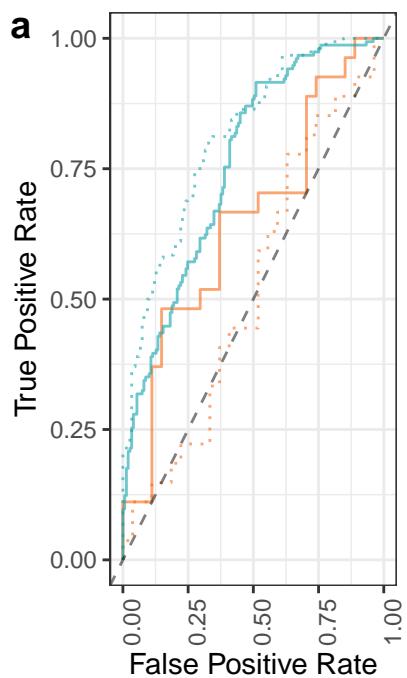
	auroc	aupr	fit	shuffle	n
Train	0.93	0.94	True	False	151
Test	0.56	0.58	Test	False	151
Train	0.72	0.73	Train	True	151
Test	0.39	0.46	Test	True	151



Shuffled

- False
- True

Performance: cc_polynuclear_high_n_spots_h2ax_mean



Shuffled Data

Real

Shuffled

auroc

aupr

fit

shuffle

n

0.76

0.76

Train

False

0.65

0.67

Test

False

0.81

0.82

Train

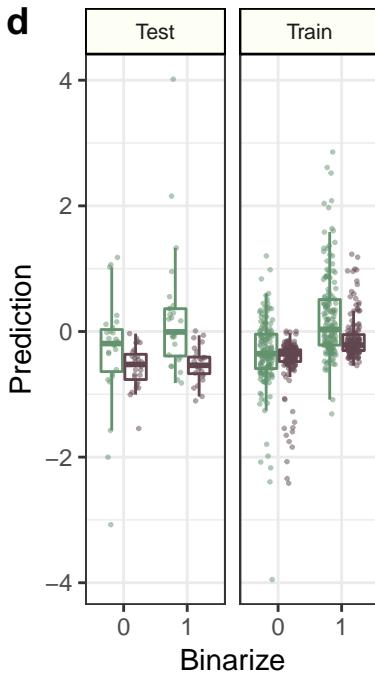
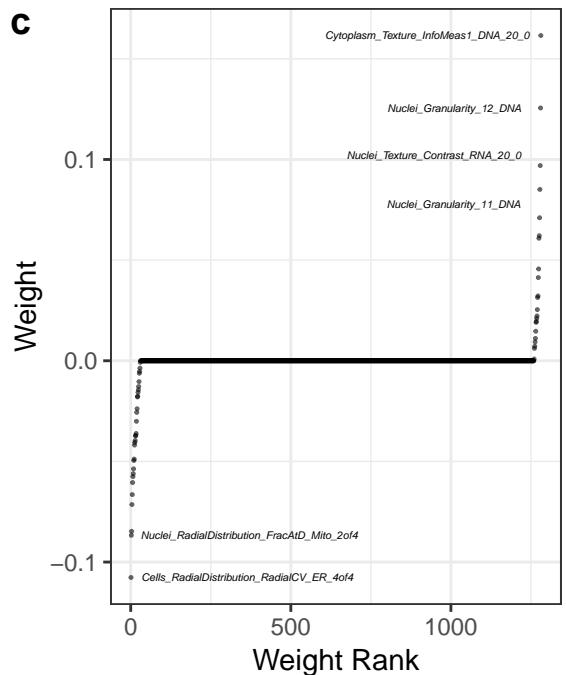
True

0.52

0.55

Test

True

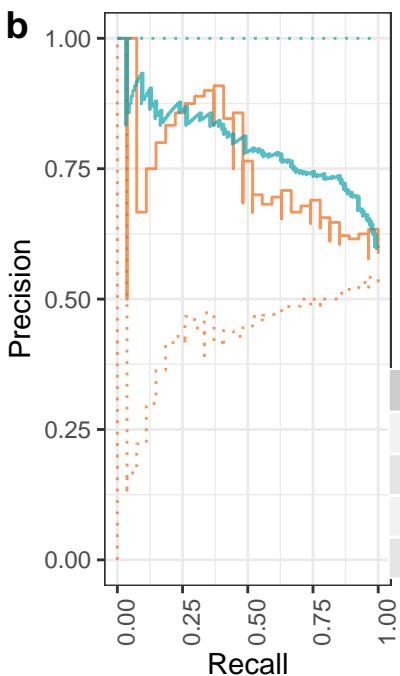
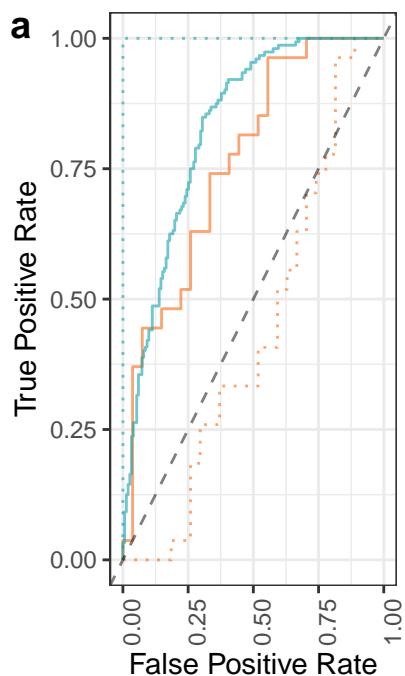


Shuffled

False

True

Performance: cc_polynuclear_n_objects



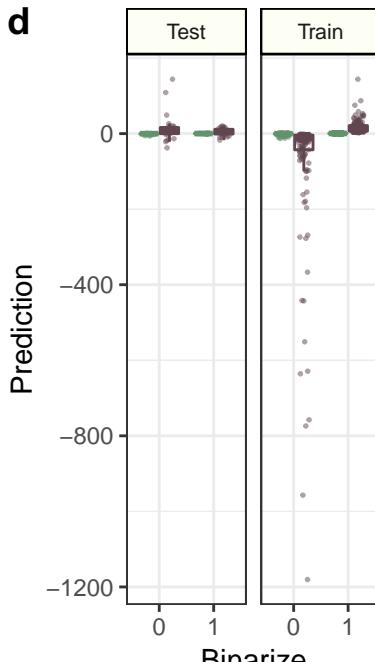
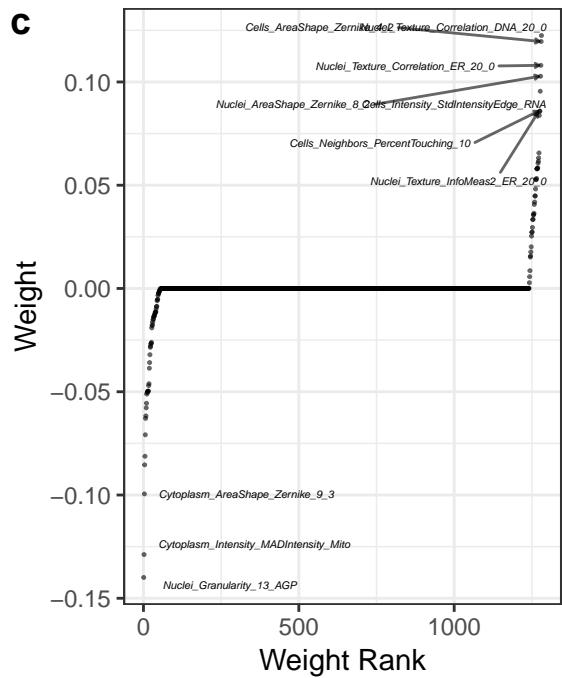
Test
Train

Shuffled Data

Real

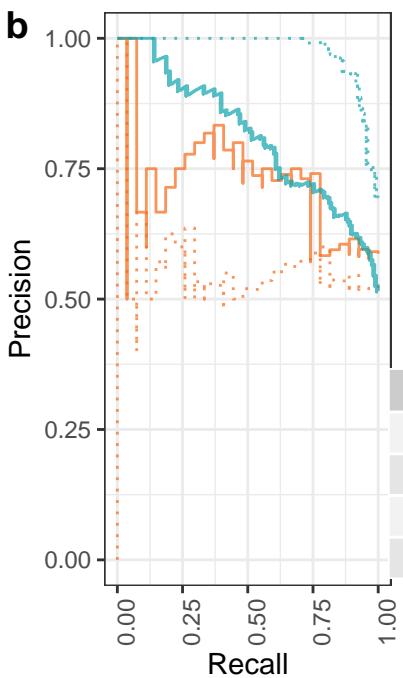
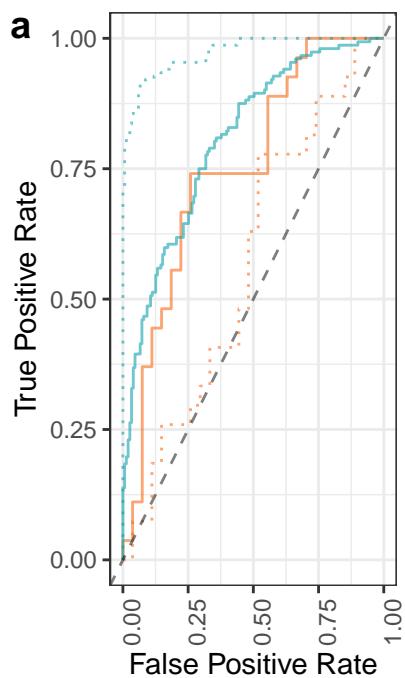
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.83	0.80	Train	False	151
Test	0.76	0.75	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.44	0.45	Test	True	151



Shuffled
False
True

Performance: cc_polynuclear_n_spots_mean



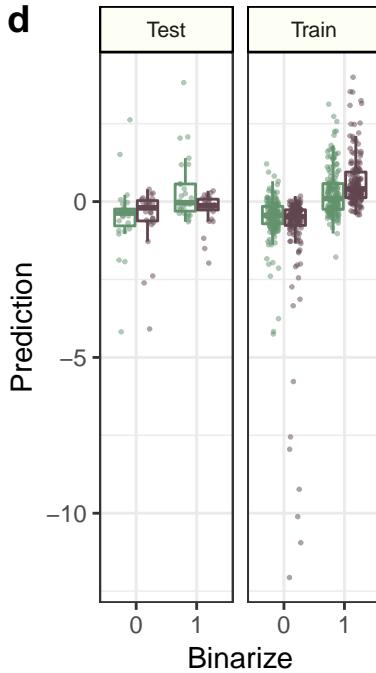
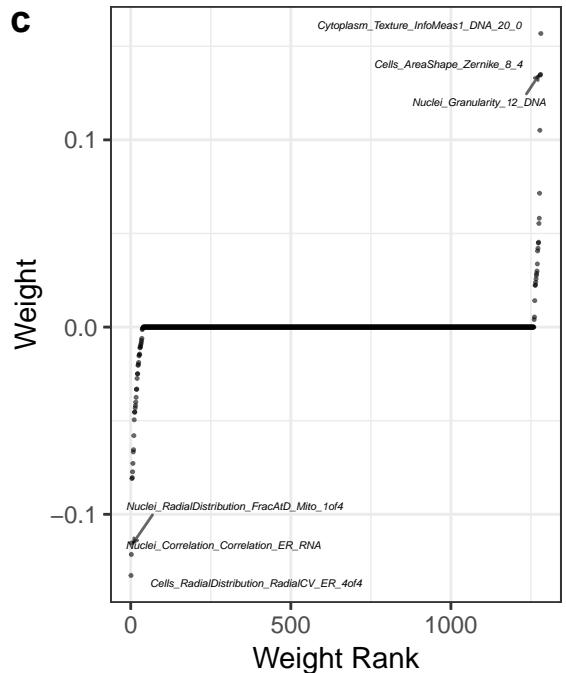
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.80	0.81	True	False	151
Test	0.75	0.72	Test	False	151
Train	0.97	0.98	Train	True	151
Test	0.57	0.55	Test	True	151

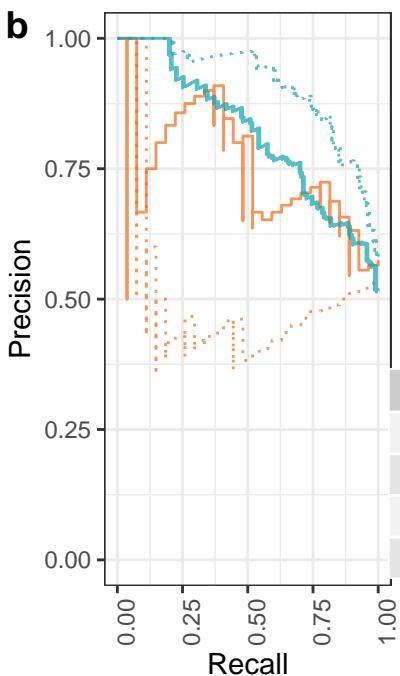
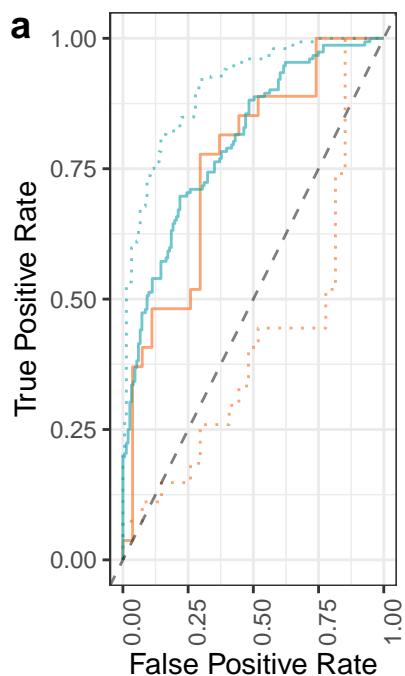


Shuffled

False

True

Performance: cc_polynuclear_n_spots_per_nucleus_area_mean



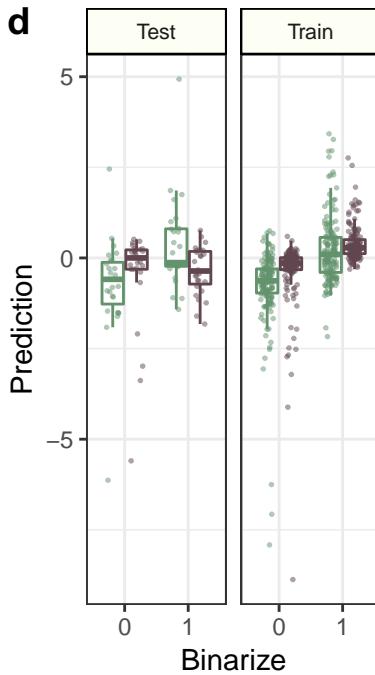
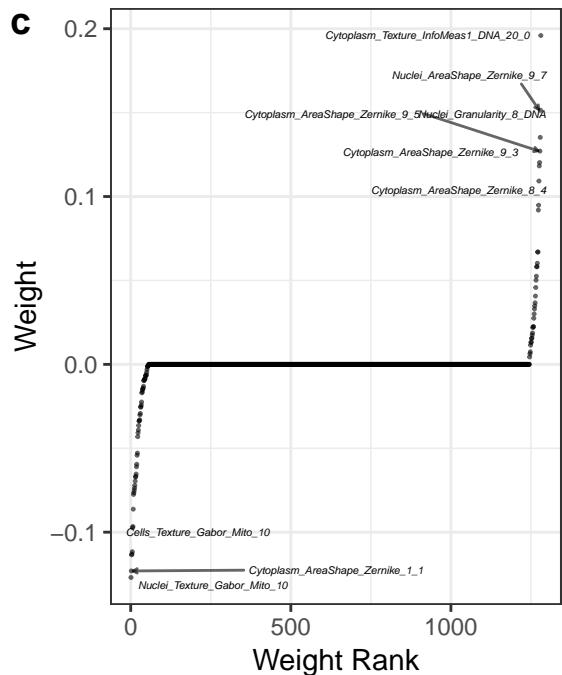
Test
Train

Shuffled Data

Real

Shuffled

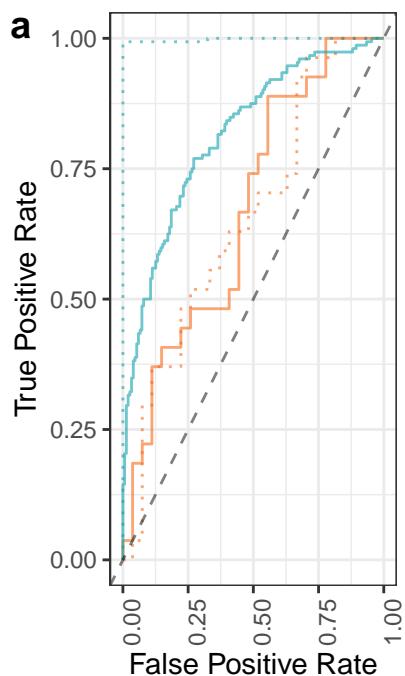
	auroc	aupr	fit	shuffle	n
Train	0.80	0.82	True	False	151
Test	0.76	0.74	Test	False	151
Train	0.91	0.91	Train	True	151
Test	0.41	0.50	Test	True	151



Shuffled

False	True
-------	------

Performance: cc_polyplloid_high_n_spots_h2ax_mean

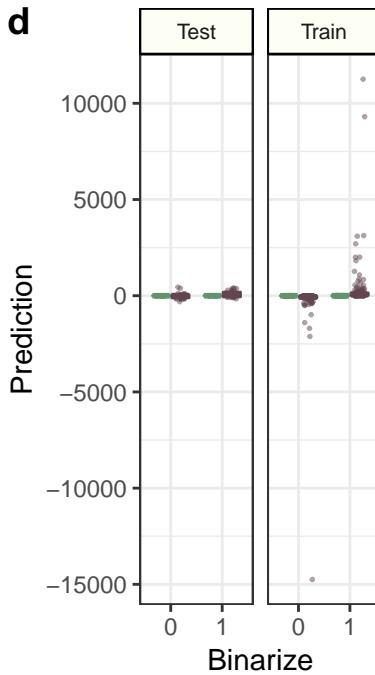
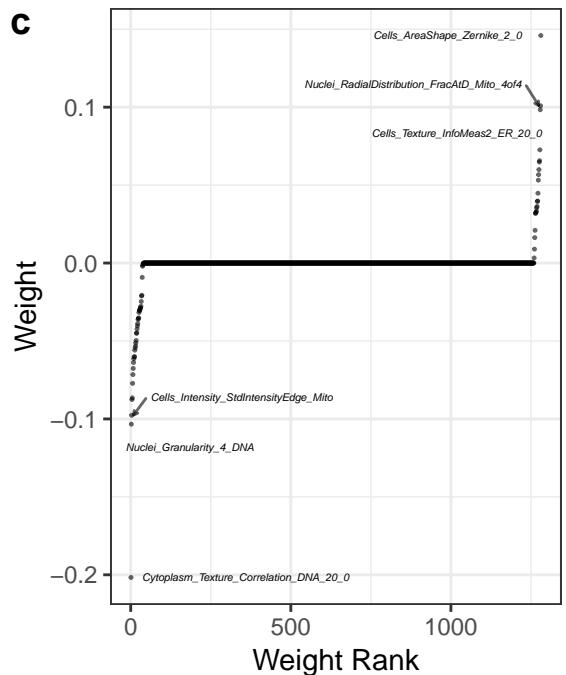


Shuffled Data

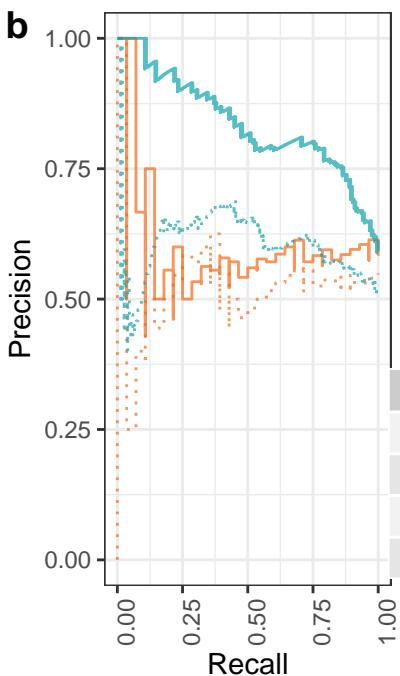
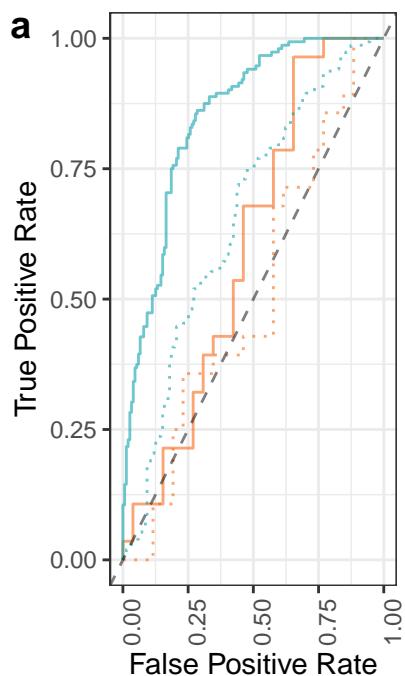
Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.82	0.83	Train	False	151
Test	0.67	0.67	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.66	0.63	Test	True	151



Performance: cc_polyplloid_n_objects



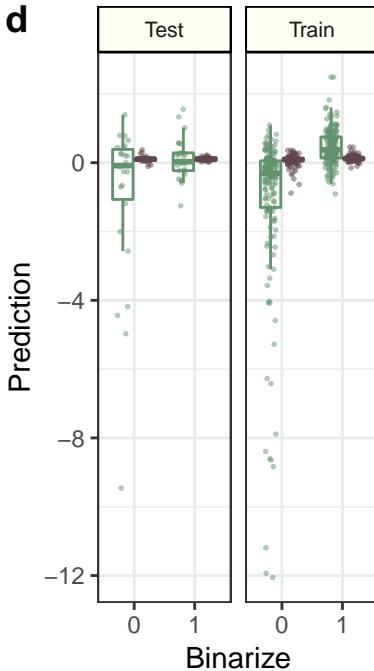
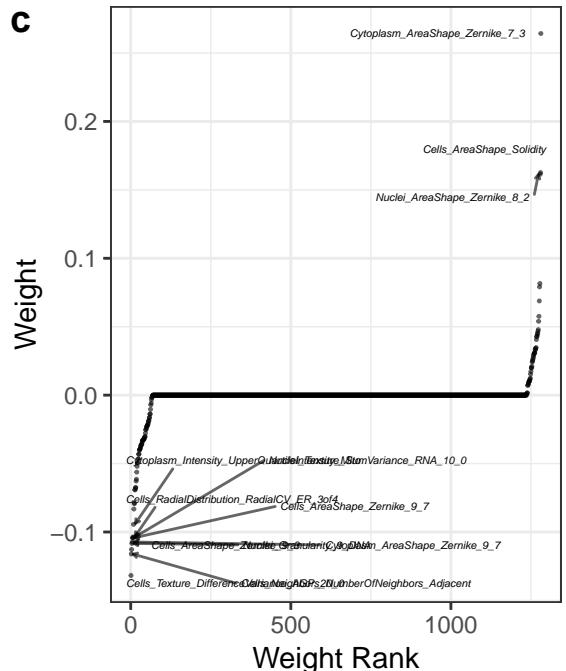
Test
Train

Shuffled Data

Real

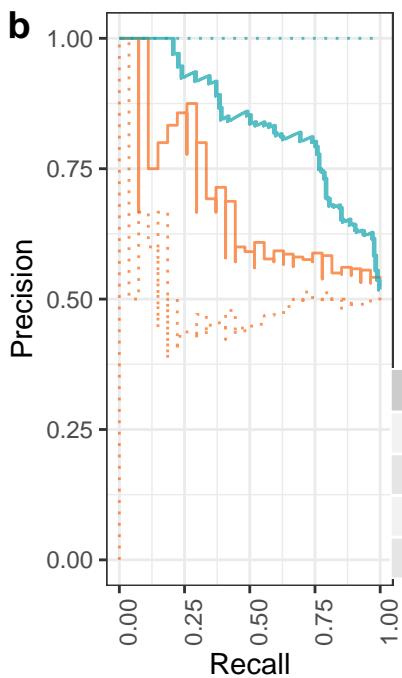
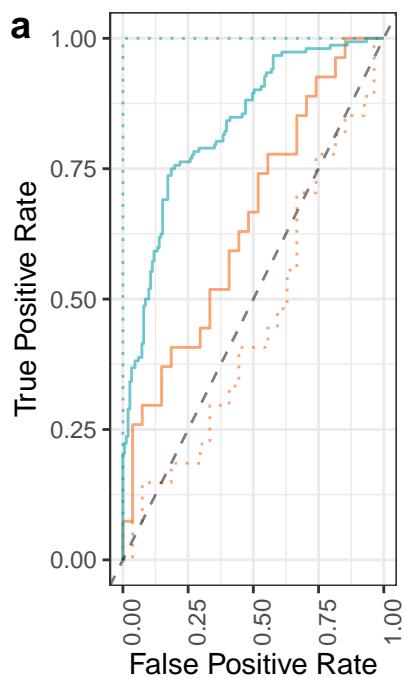
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.85	0.84	True	False	151
Test	0.60	0.60	Test	False	151
Train	0.65	0.61	Train	True	151
Test	0.51	0.52	Test	True	151



Shuffled
False
True

Performance: cc_polyplloid_n_spots_mean

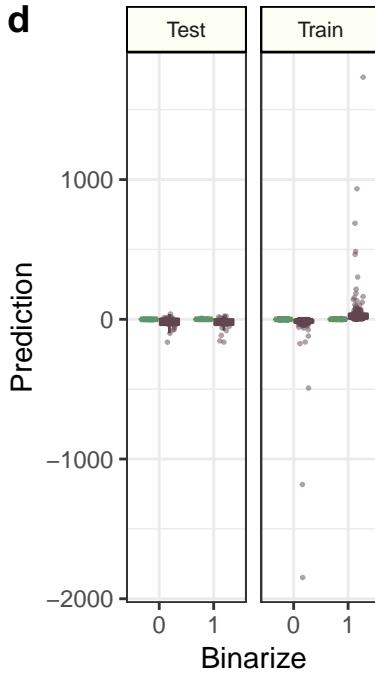
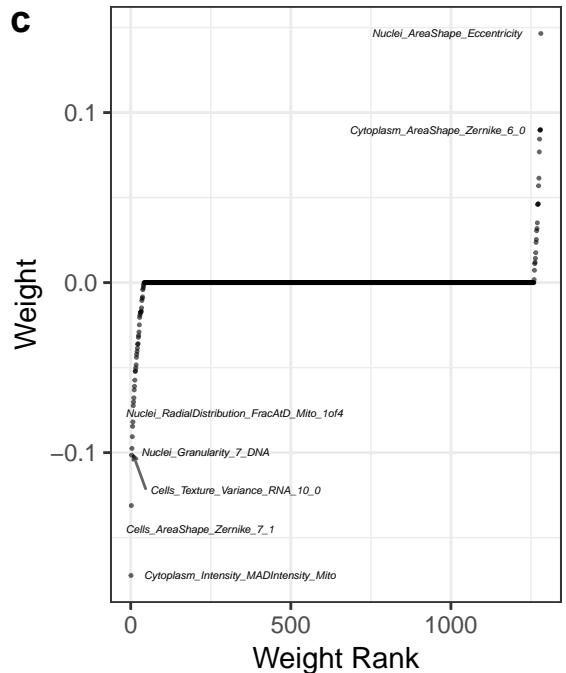


Test
Train

Shuffled Data

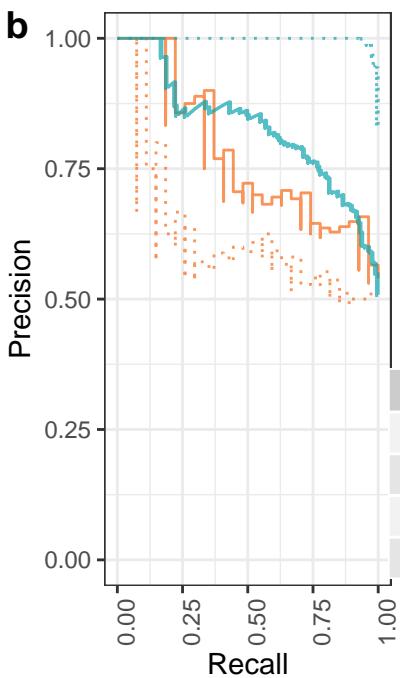
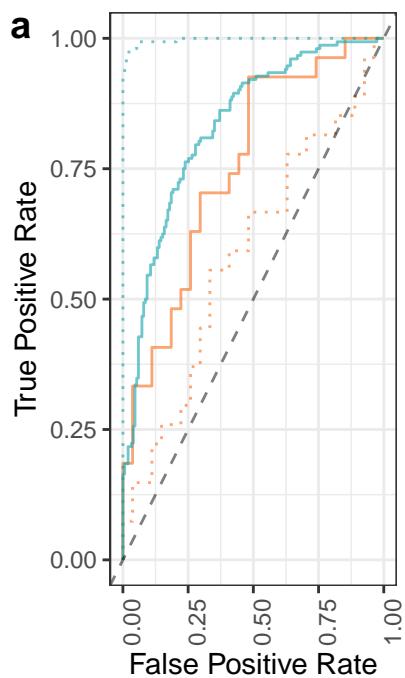
Real
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.83	0.84	True	False	151
Test	0.65	0.67	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.46	0.50	Test	True	151



Shuffled
False
True

Performance: cc_polyplloid_n_spots_per_nucleus_area_mean

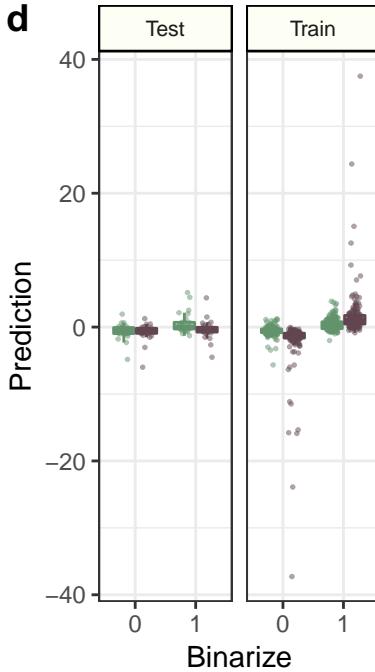
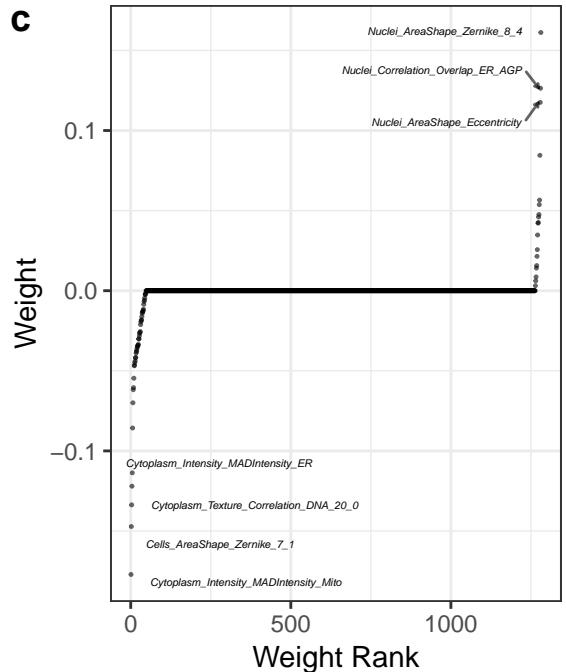


Shuffled Data

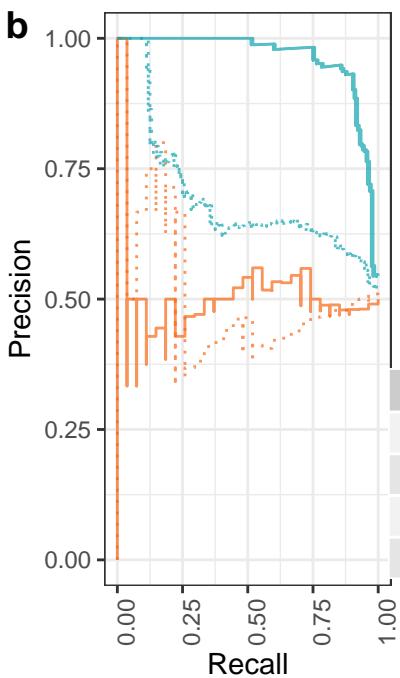
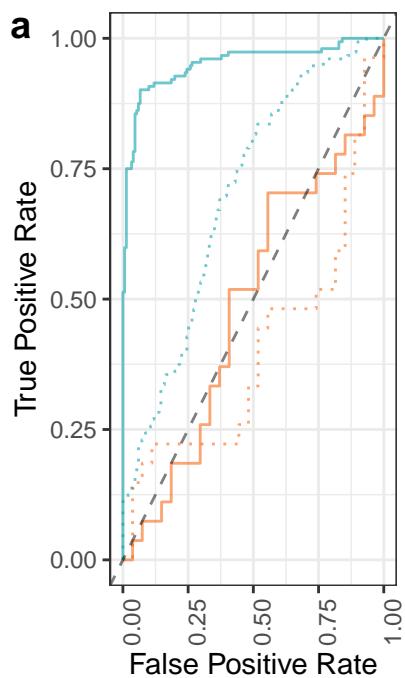
Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.83	0.83	True	False	151
Test	0.75	0.76	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.58	0.62	Test	True	151



Performance: vb_infection_percentage



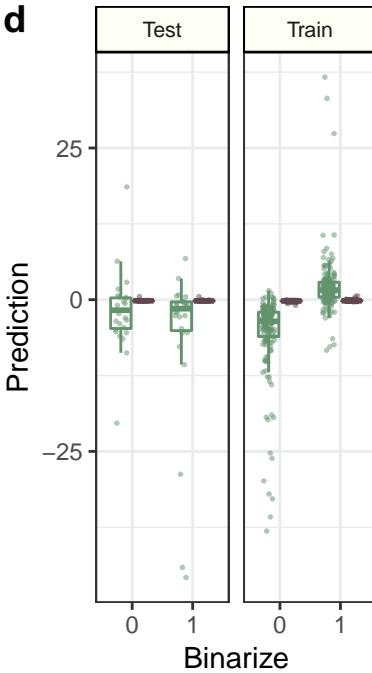
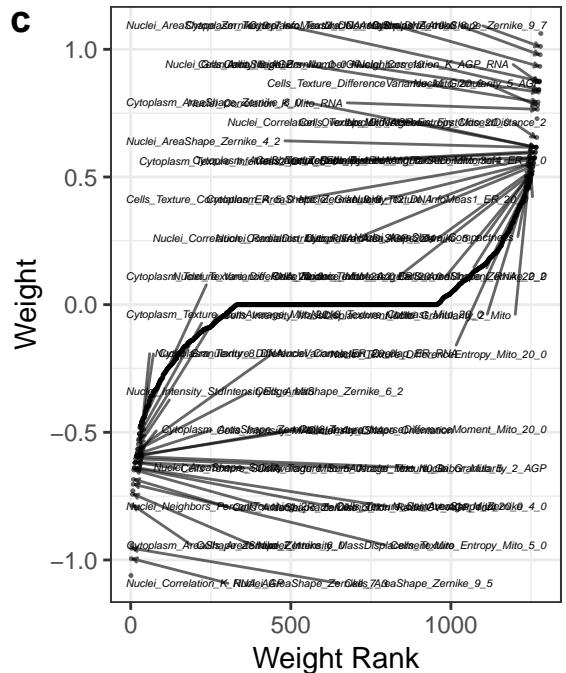
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.95	0.96	True	False	151
Test	0.49	0.50	Test	False	151
Train	0.70	0.69	Train	True	151
Test	0.40	0.50	Test	True	151

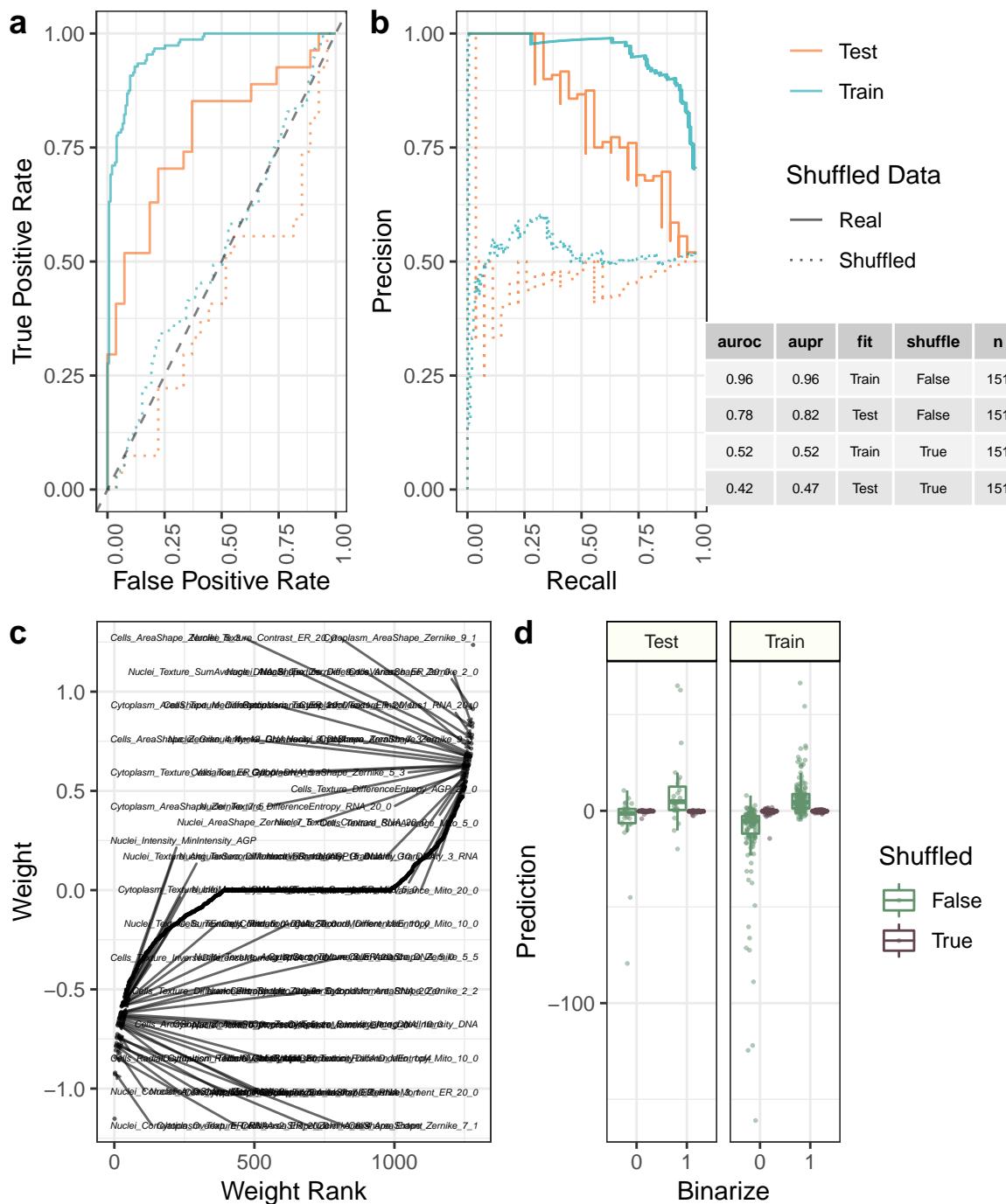


Shuffled

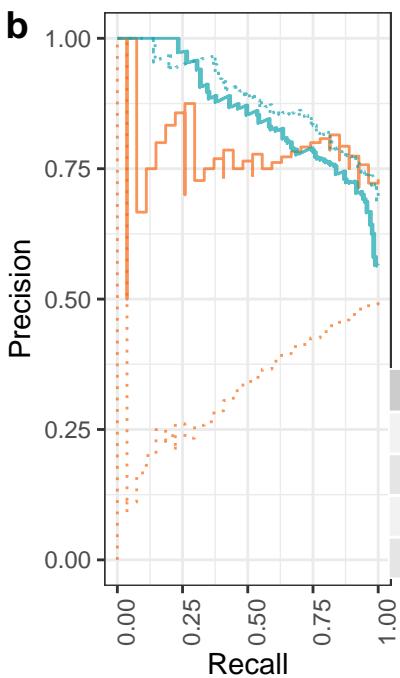
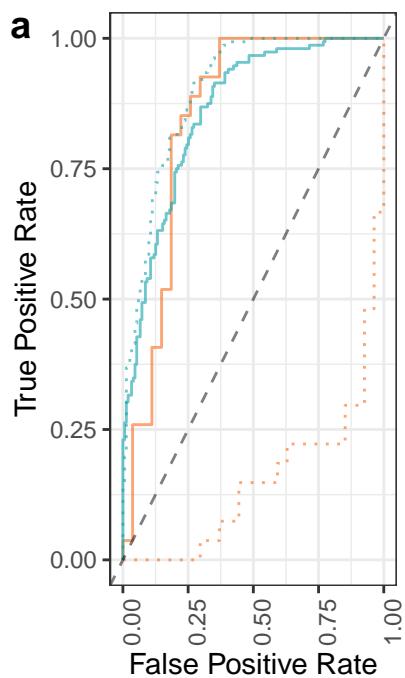
False

True

Performance: vb_live_cell_area



Performance: vb_live_cell_roundness



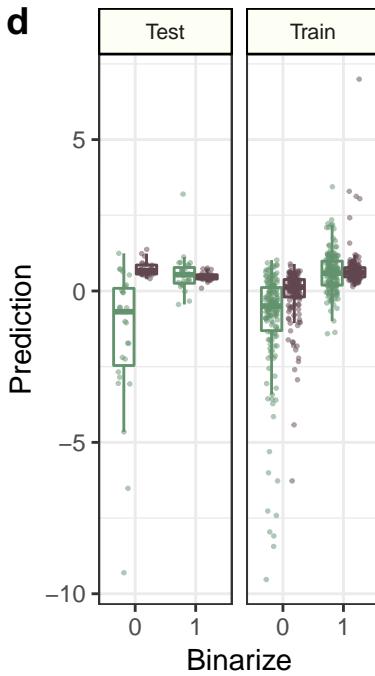
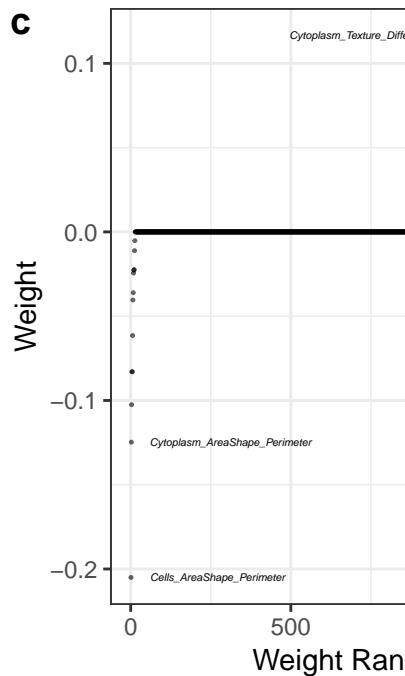
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.86	0.86	Train	False	151
Train	0.85	0.78	Test	False	151
Real	0.90	0.89	Train	True	151
Shuffled	0.15	0.34	Test	True	151

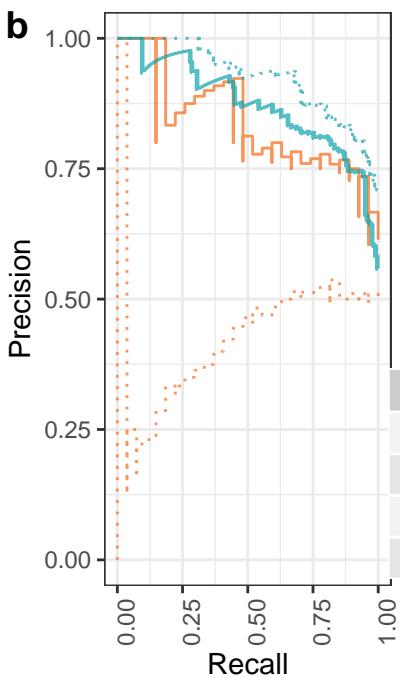
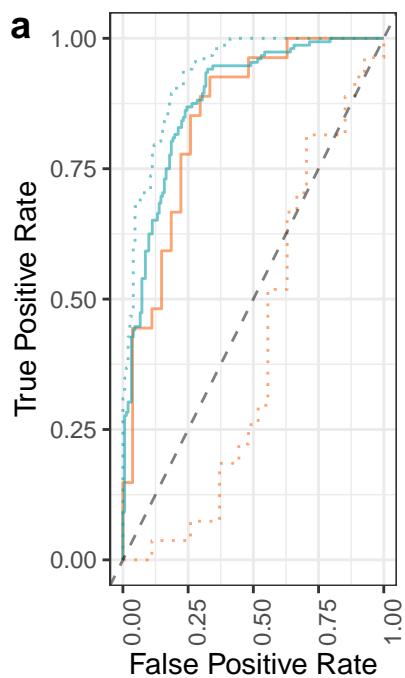


Shuffled

False

True

Performance: vb_live_cell_width_length



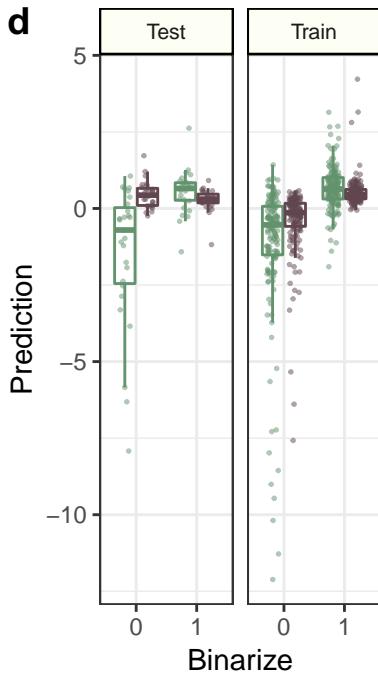
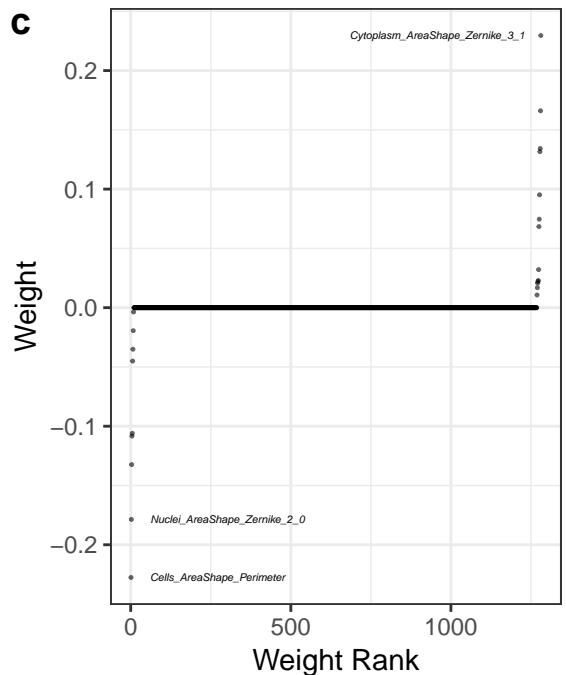
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.88	0.87	True	False	151
Test	0.85	0.83	Test	False	151
Train	0.93	0.93	Train	True	151
Test	0.40	0.43	Test	True	151

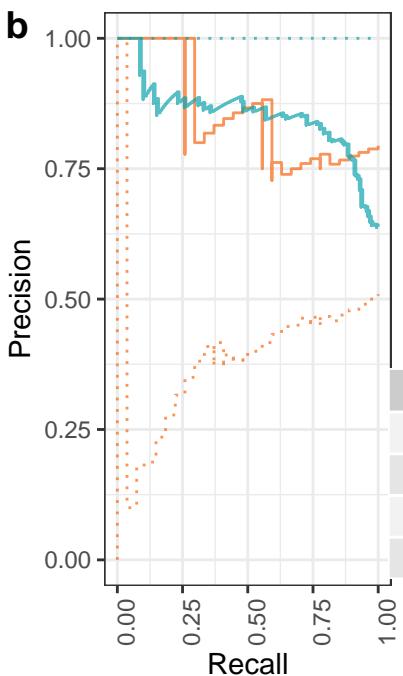
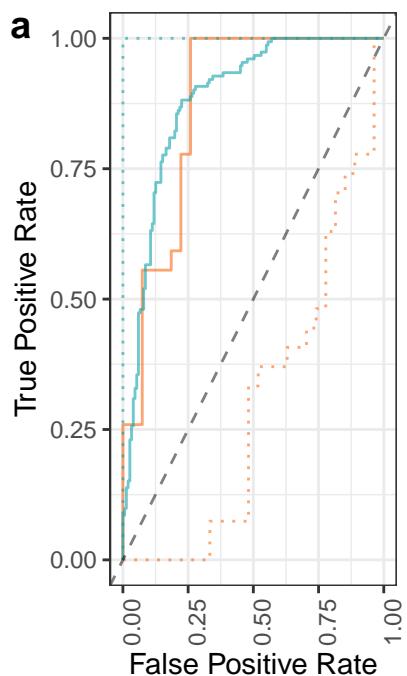


Shuffled

False

True

Performance: vb_num_live_cells



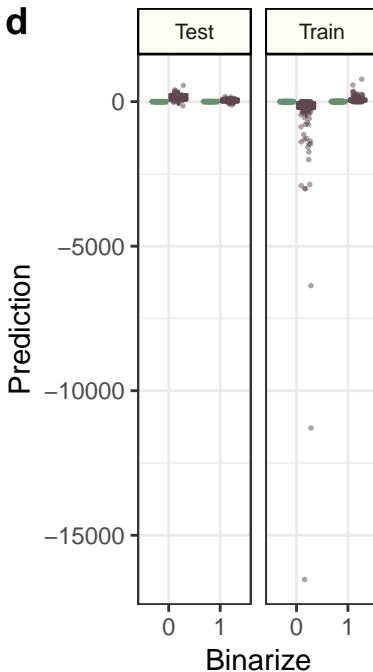
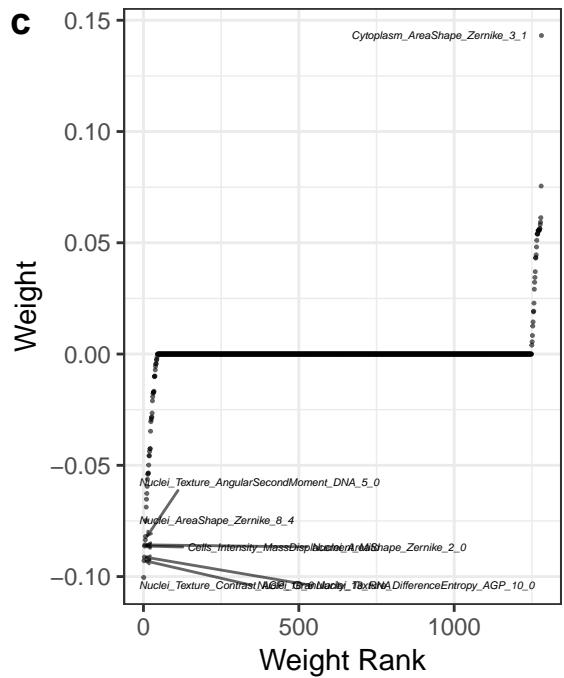
Test
Train

Shuffled Data

Real

Shuffled

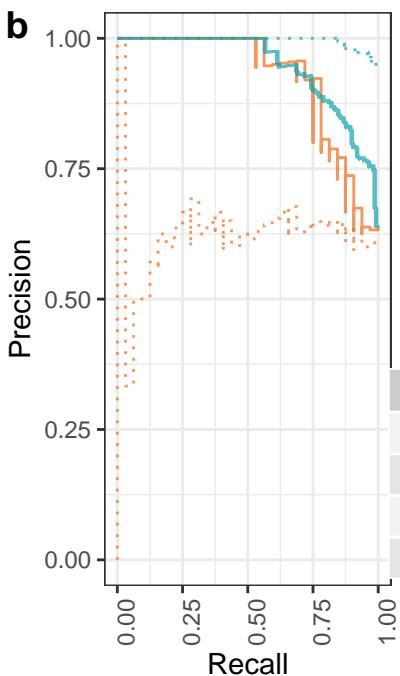
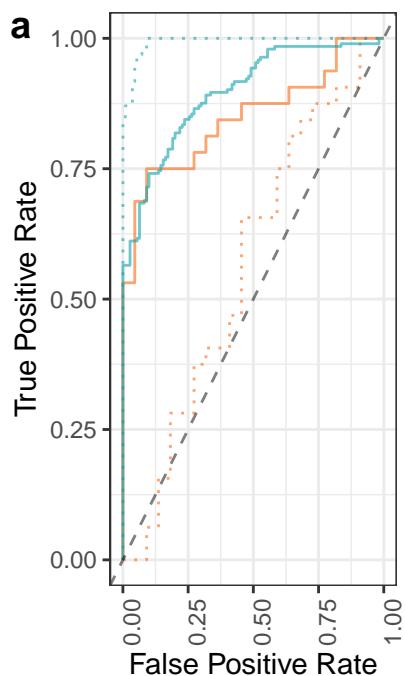
auroc	aupr	fit	shuffle	n
0.88	0.85	Train	False	151
0.87	0.85	Test	False	151
1.00	1.00	Train	True	151
0.30	0.39	Test	True	151



Shuffled

- False
- True

Performance: vb_percent_all_apoptosis



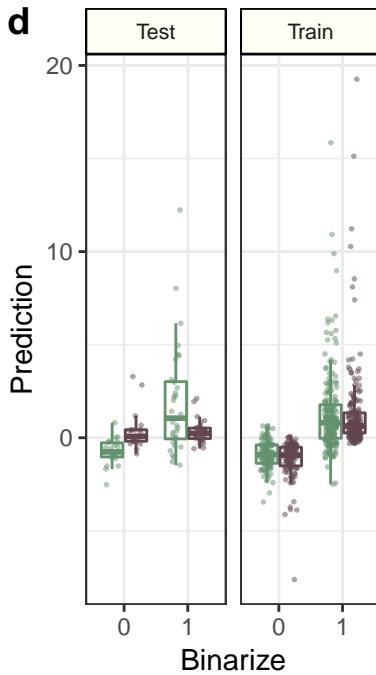
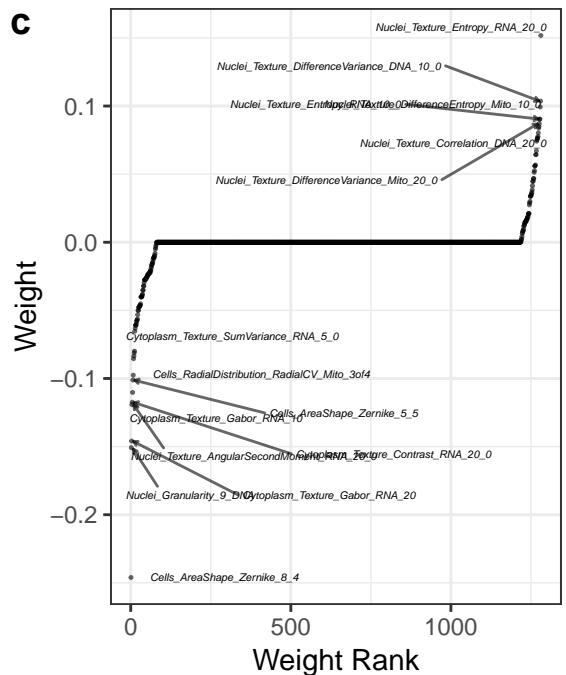
Test
Train

Shuffled Data

Real

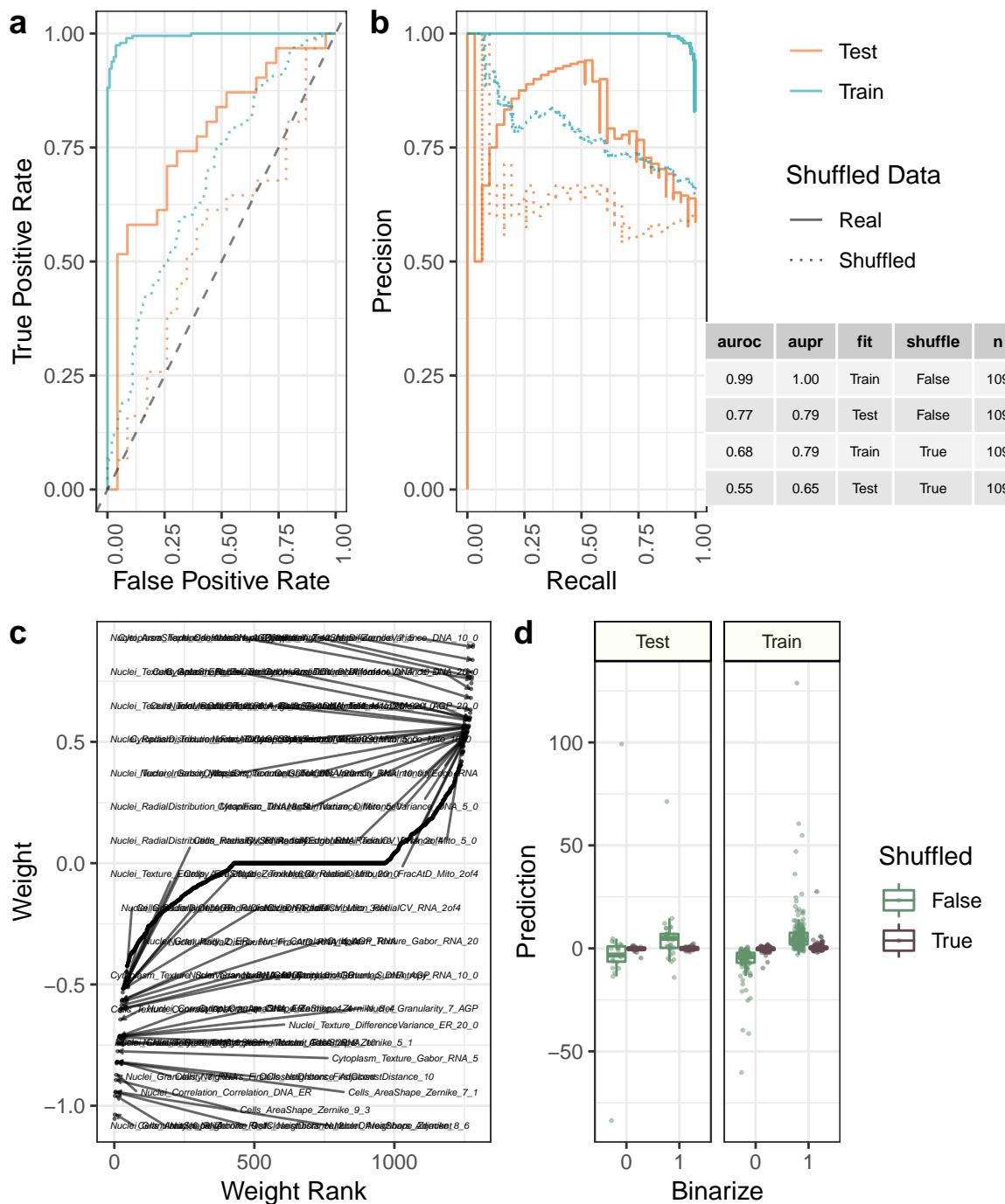
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.90	0.94	True	False	110
Test	0.85	0.92	Test	False	110
Train	0.99	1.00	Train	True	110
Test	0.56	0.62	Test	True	110

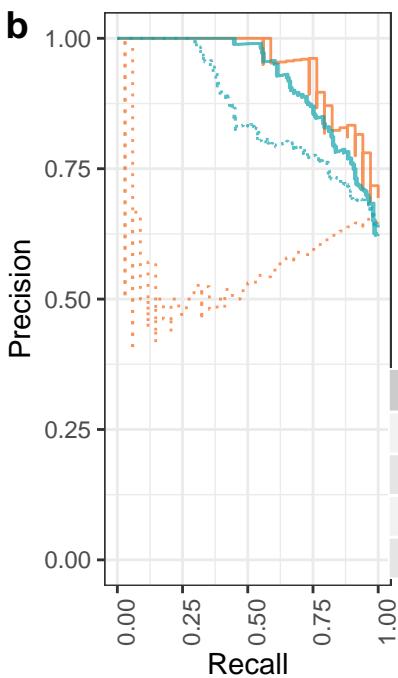
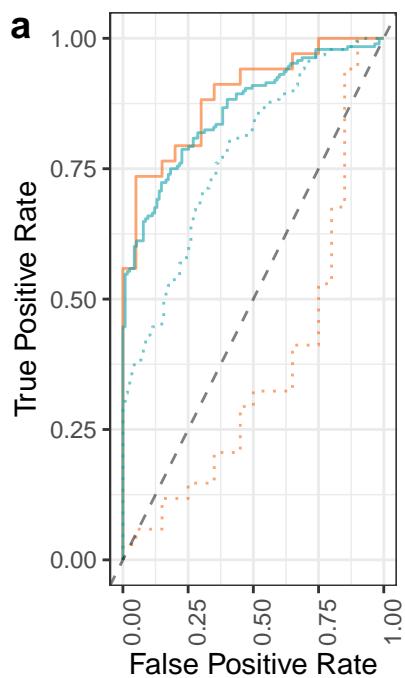


Shuffled
False
True

Performance: vb_percent_all_early_apoptosis



Performance: vb_percent_all_late_apoptosis



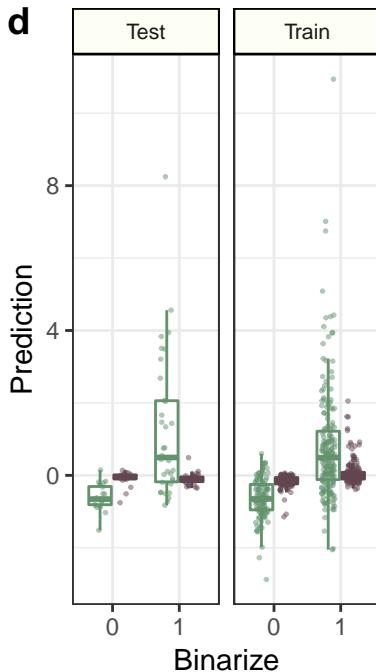
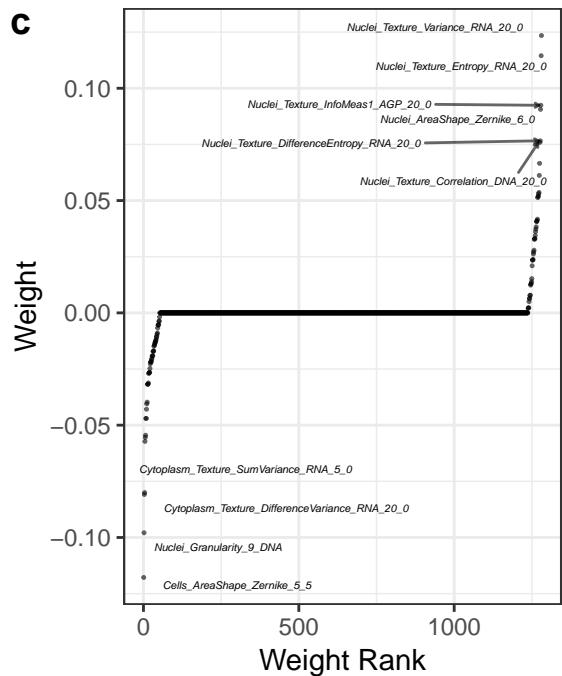
Test
Train

Shuffled Data

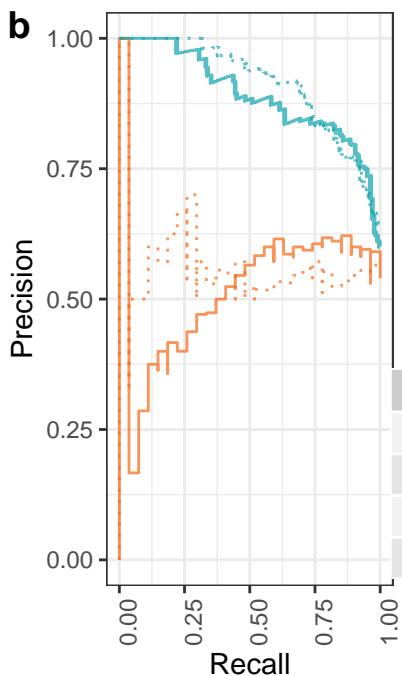
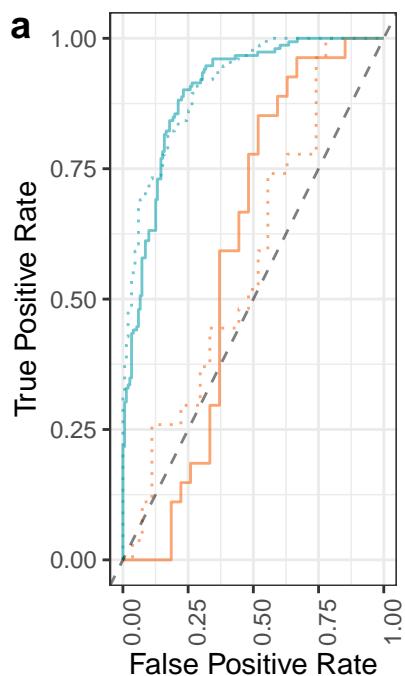
Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.86	0.92	True	False	115
Test	0.89	0.94	Test	False	115
Train	0.77	0.86	Train	True	115
Test	0.37	0.57	Test	True	115



Performance: vb_percent_caspase_dead_only



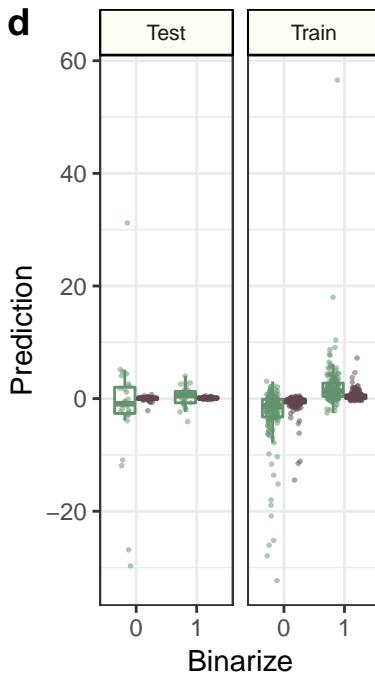
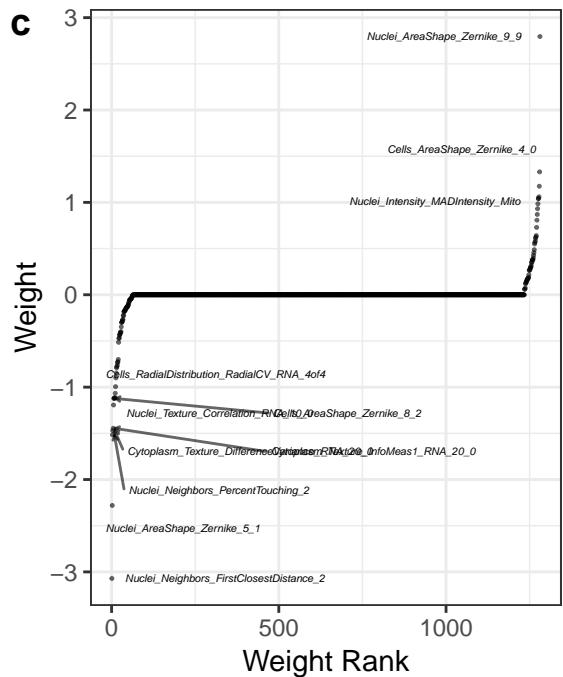
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.90	0.89	True	False	151
Test	0.59	0.52	Test	False	151
Train	0.91	0.91	Train	True	151
Test	0.58	0.56	Test	True	151

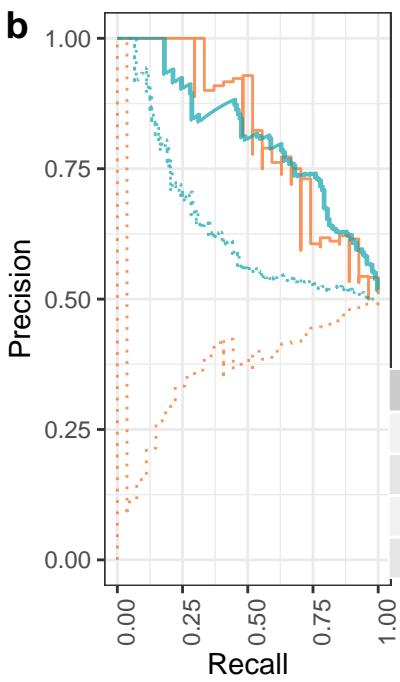
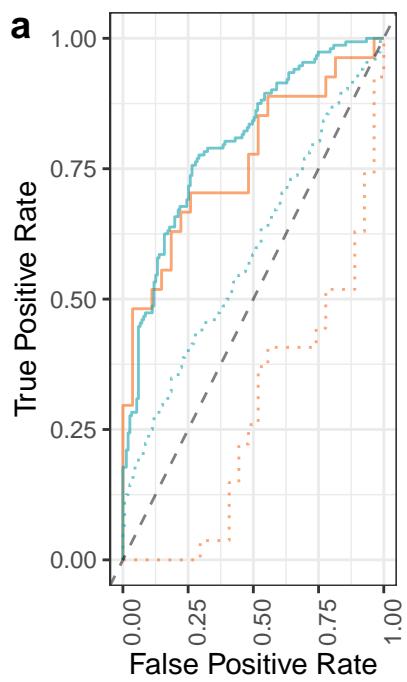


Shuffled

False

True

Performance: vb_percent_dead



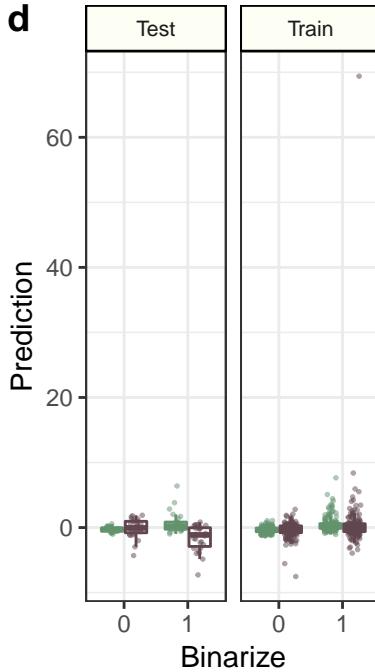
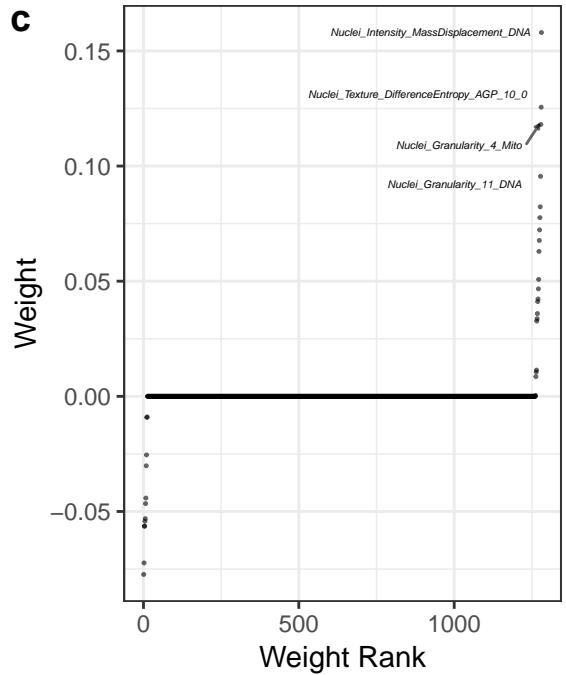
Test
Train

Shuffled Data

Real

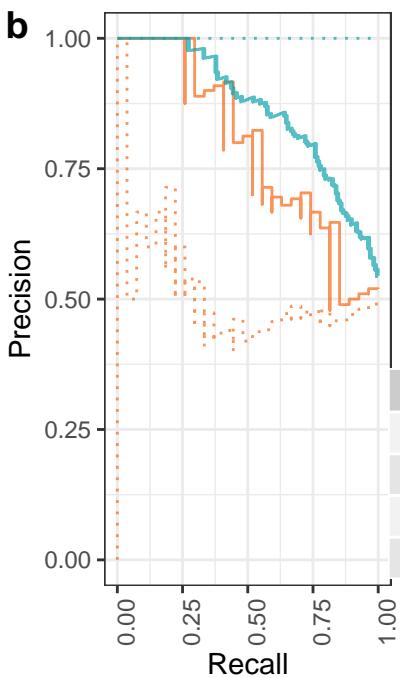
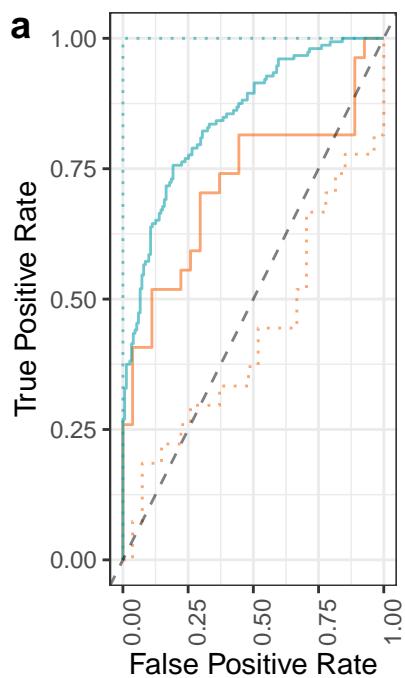
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.80	0.81	True	False	151
Test	0.76	0.81	Test	False	151
Train	0.59	0.64	Train	True	151
Test	0.28	0.38	Test	True	151



Shuffled
False
True

Performance: vb_percent_dead_only

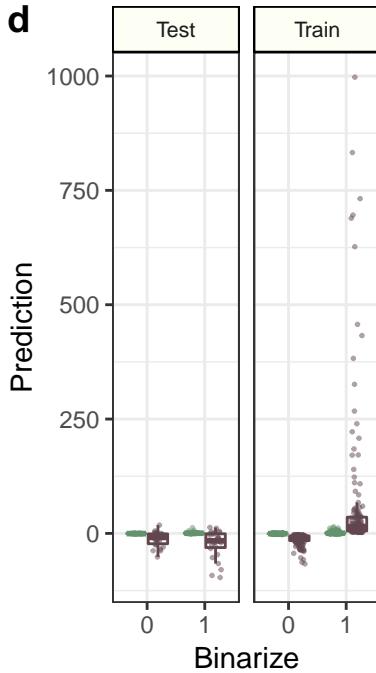
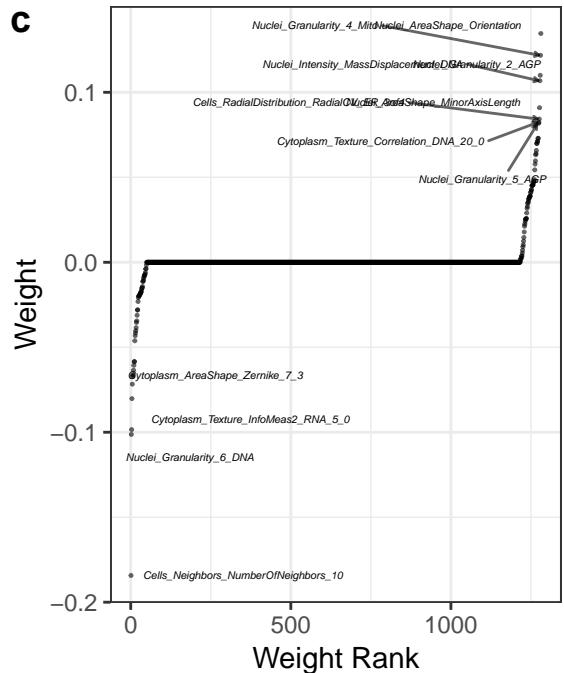


Test
Train

Shuffled Data

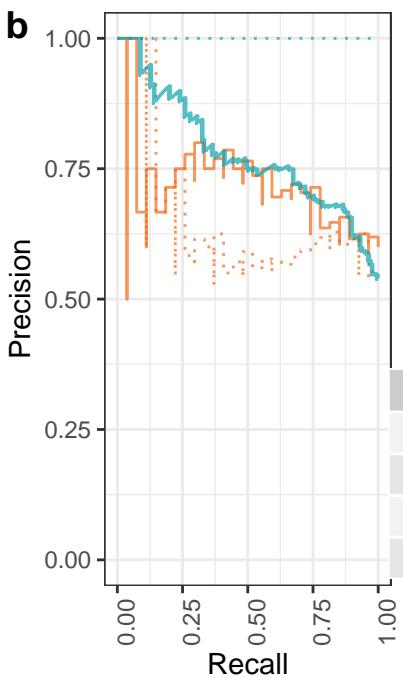
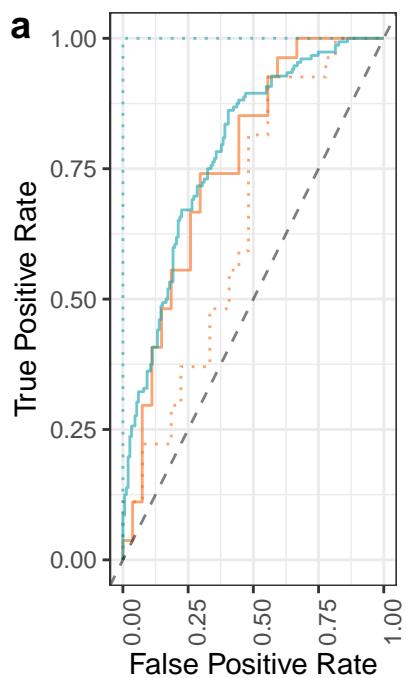
Real
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.85	0.86	True	False	151
Test	0.72	0.78	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.43	0.50	Test	True	151



Shuffled
False
True

Performance: vb_percent_live



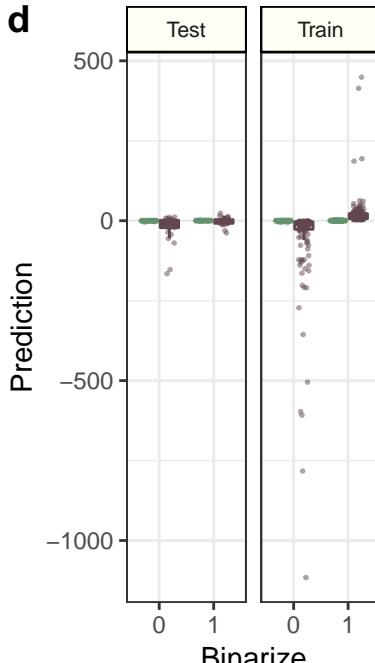
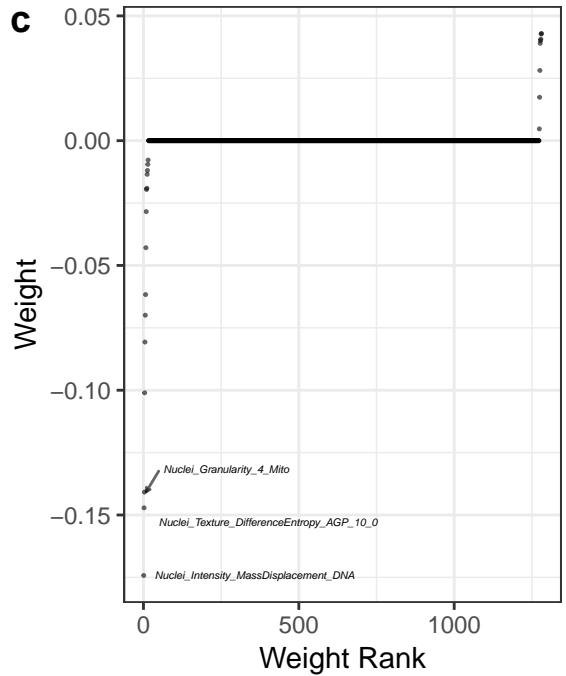
Test
Train

Shuffled Data

Real

Shuffled

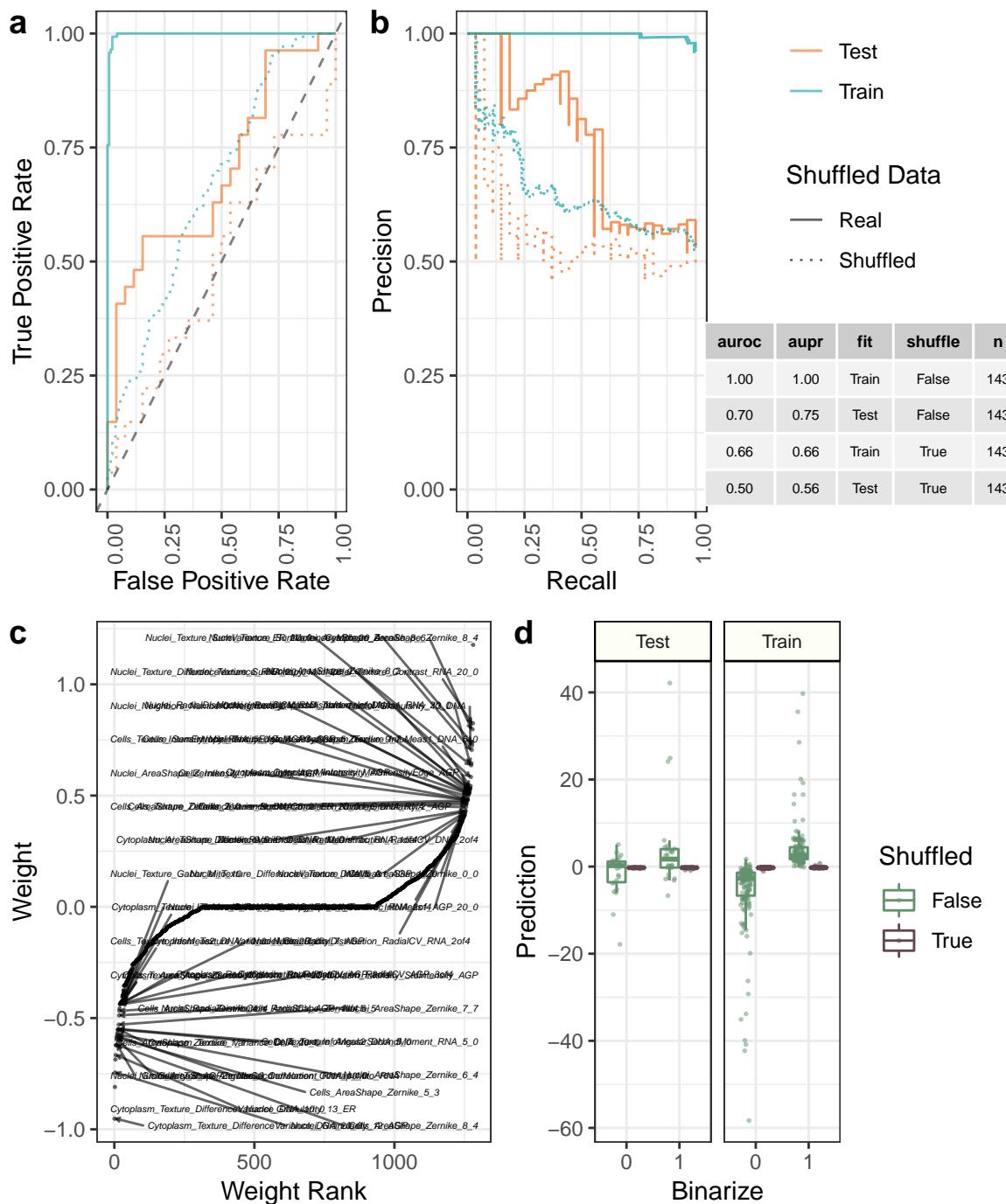
	auroc	aupr	fit	shuffle	n
Test	0.79	0.78	Train	False	151
Train	0.76	0.72	Test	False	151
True	1.00	1.00	Train	True	151
False	0.65	0.65	Test	True	151



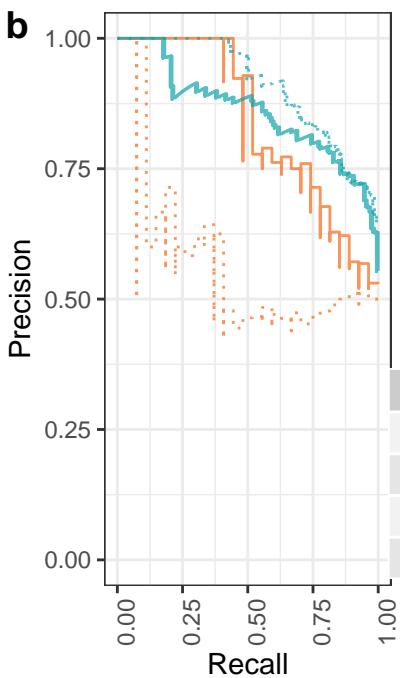
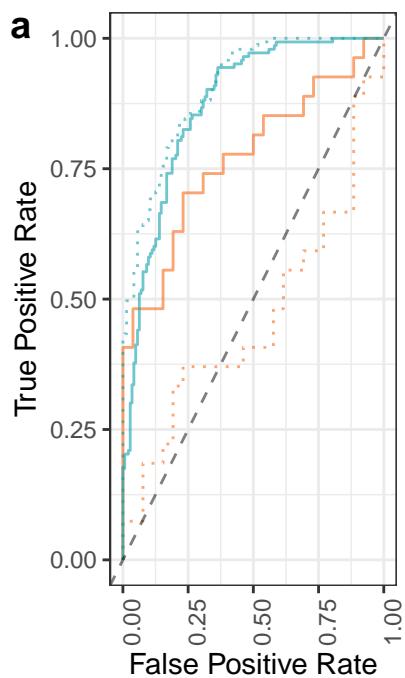
Shuffled

False
True

Performance: vb_ros_back_mean



Performance: vb_ros_mean



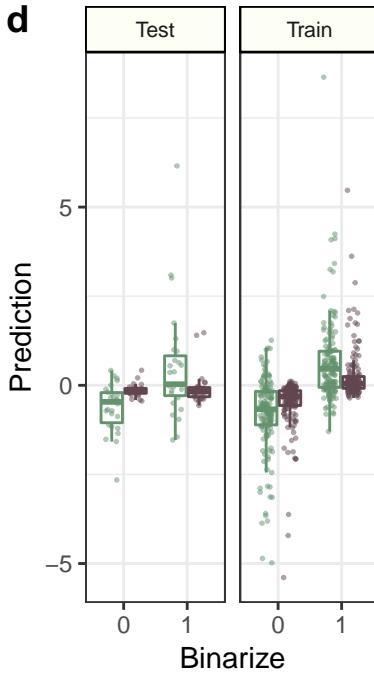
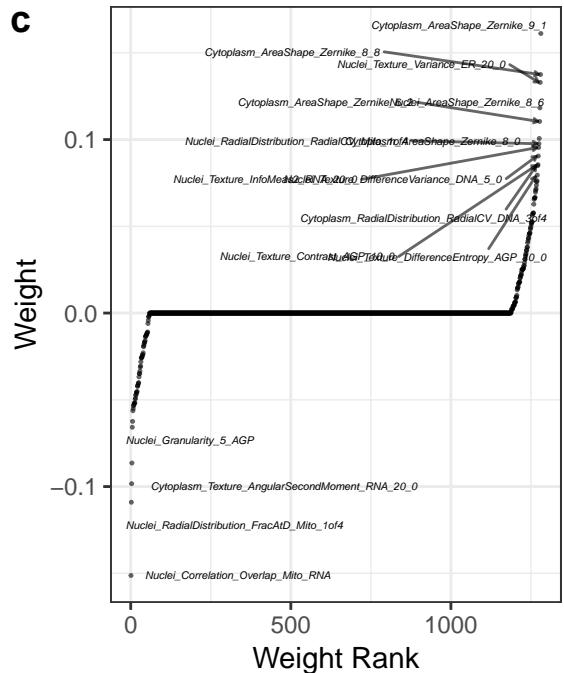
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.87	0.86	True	False	143
Test	0.77	0.83	Test	False	143
Train	0.90	0.91	Train	True	143
Test	0.46	0.56	Test	True	143



Shuffled

False

True