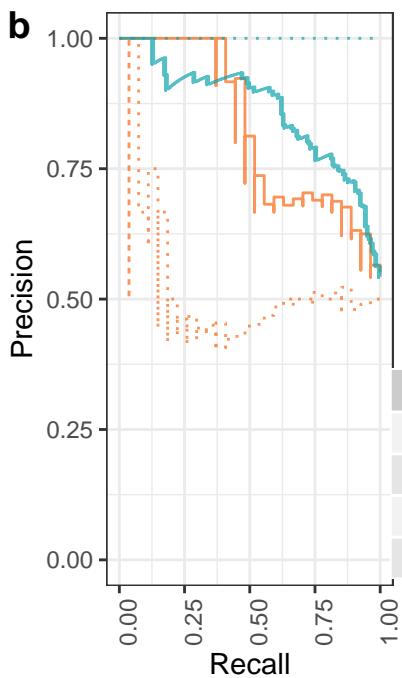
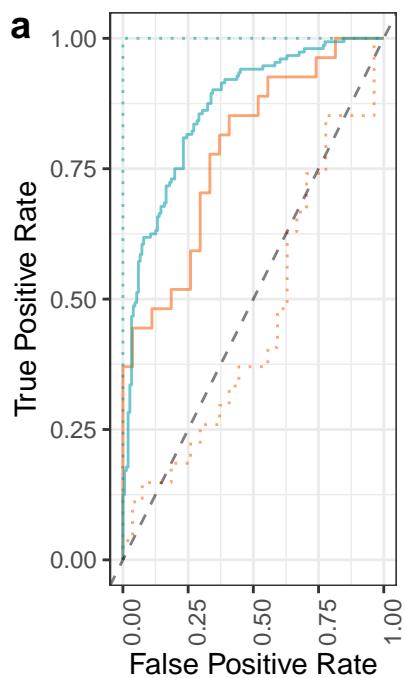


Performance: cc_all_high_n_spots_h2ax_mean



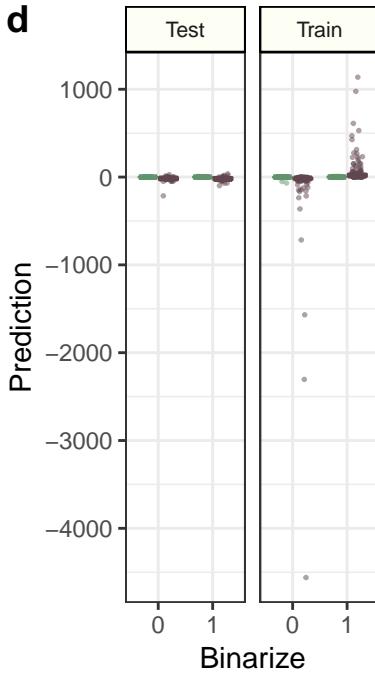
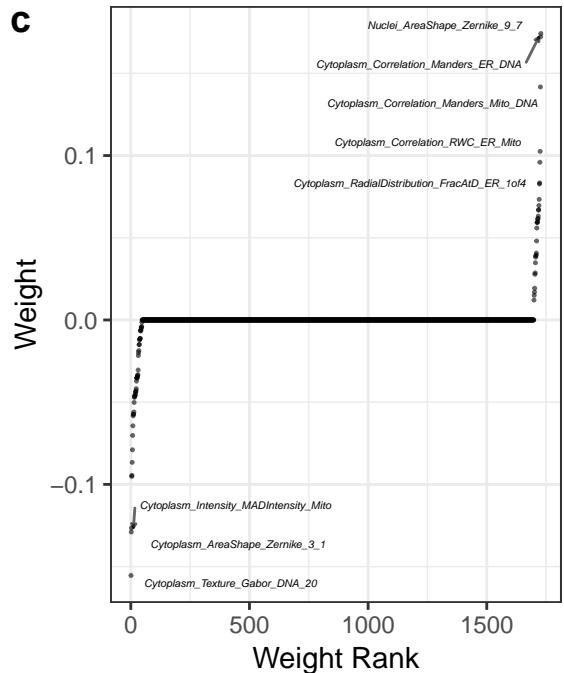
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.86	0.86	True	False	151
Test	0.78	0.81	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.46	0.52	Test	True	151

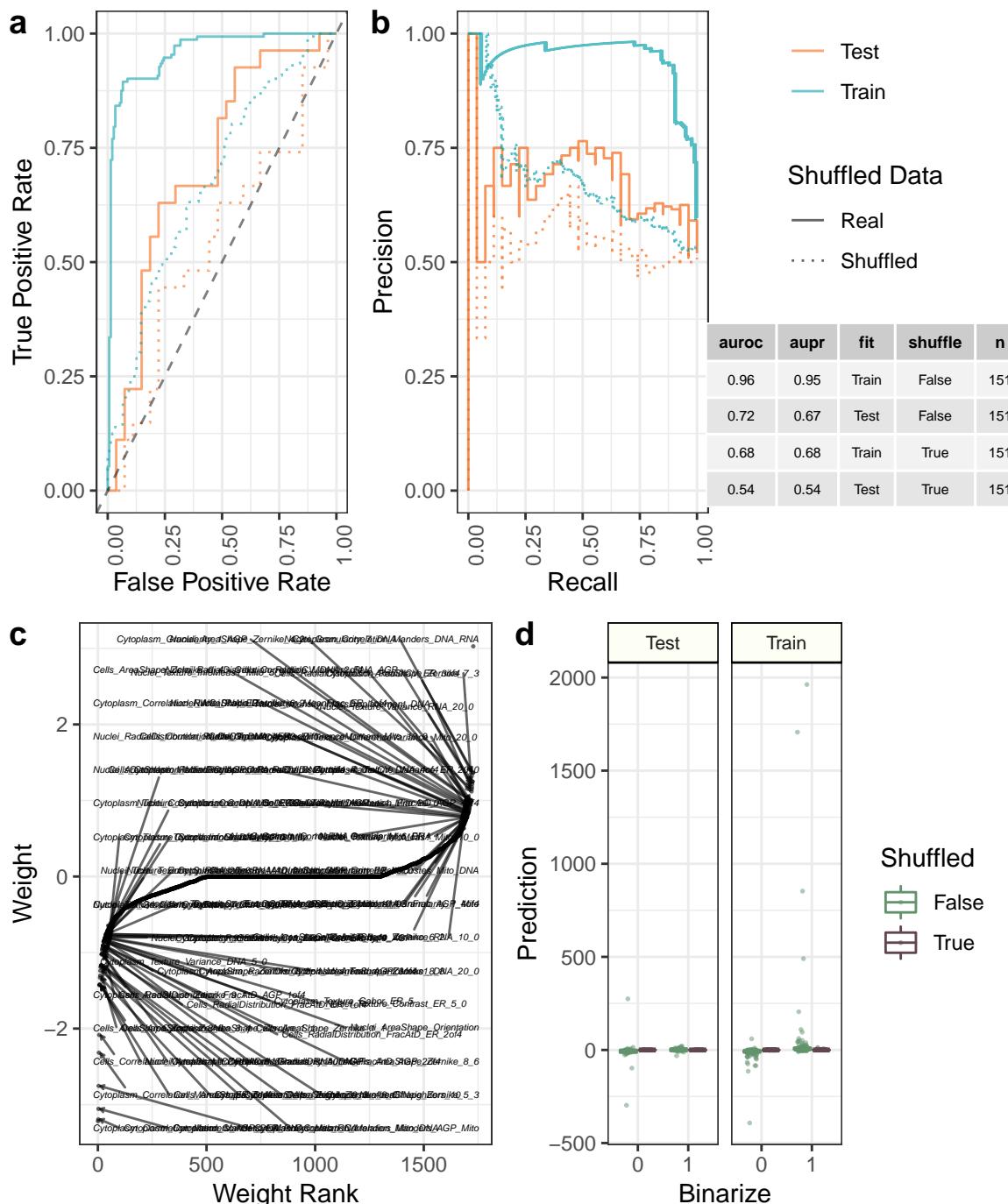


Shuffled

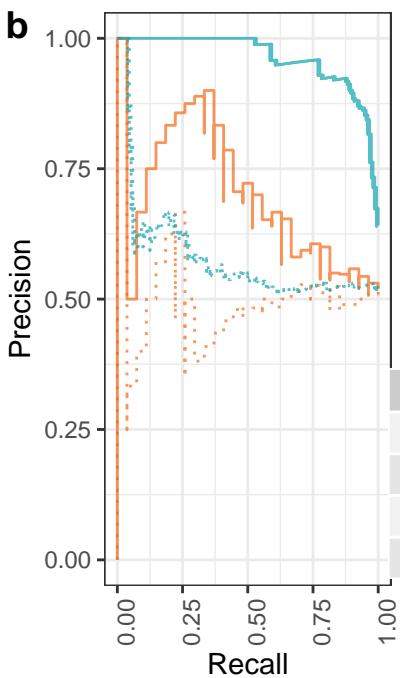
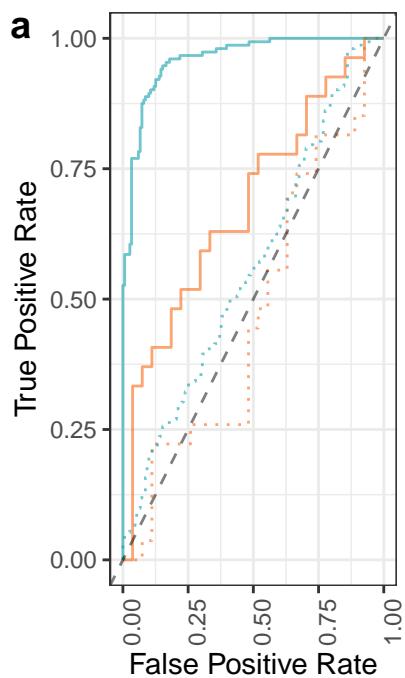
False

True

Performance: cc_all_large_notround_polymeric_mean



Performance: cc_all_large_round_polyplloid_mean



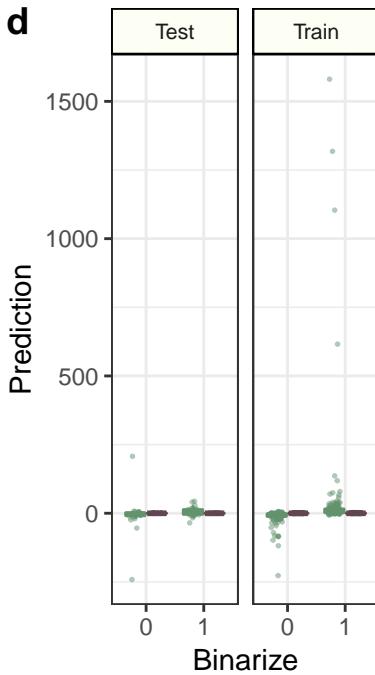
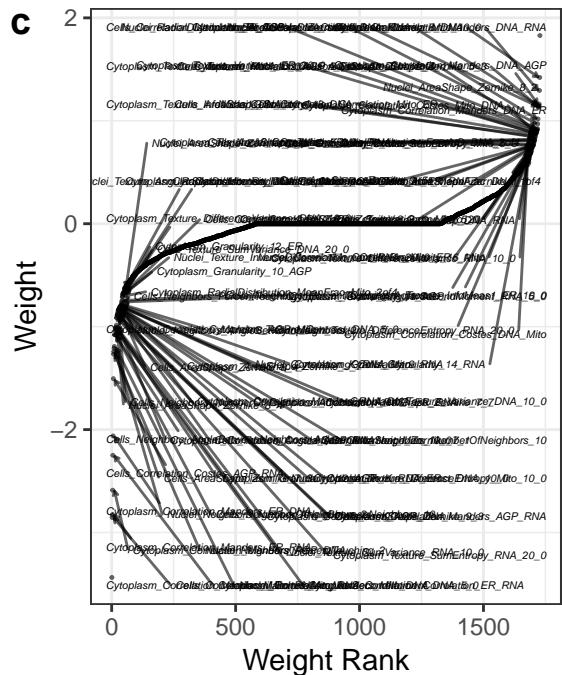
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.96	0.96	True	False	151
Test	0.68	0.68	Test	False	151
Train	0.56	0.58	Train	True	151
Test	0.47	0.49	Test	True	151

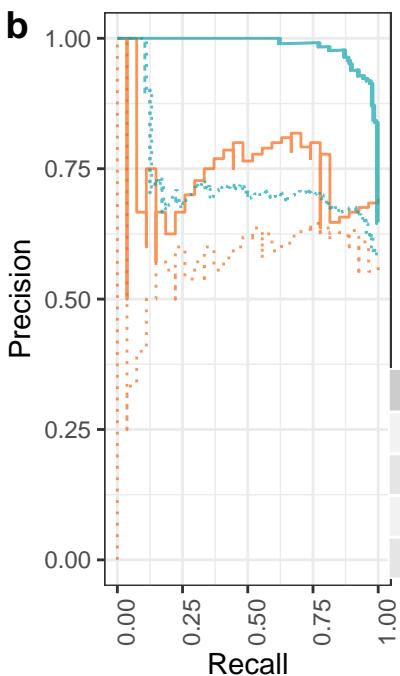
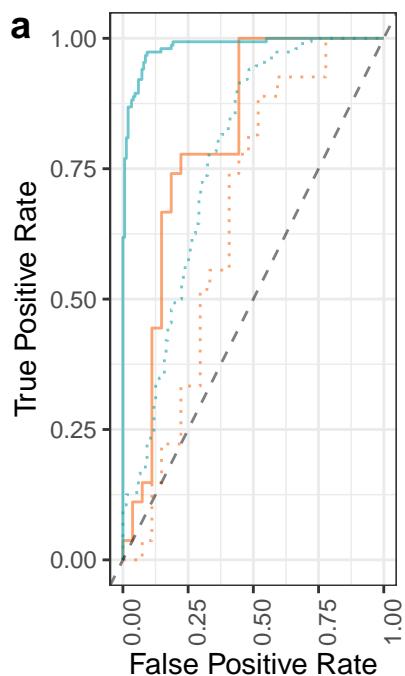


Shuffled

False

True

Performance: cc_all_n_objects



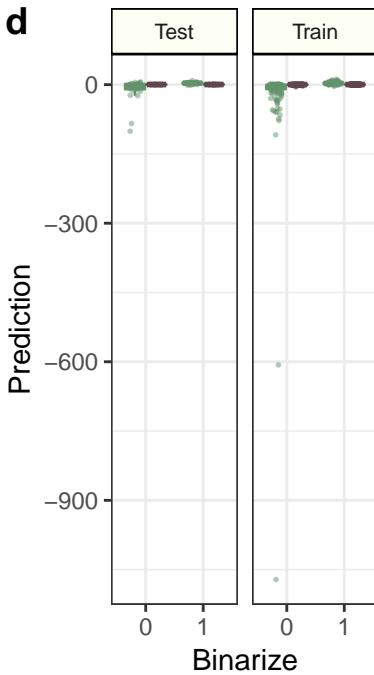
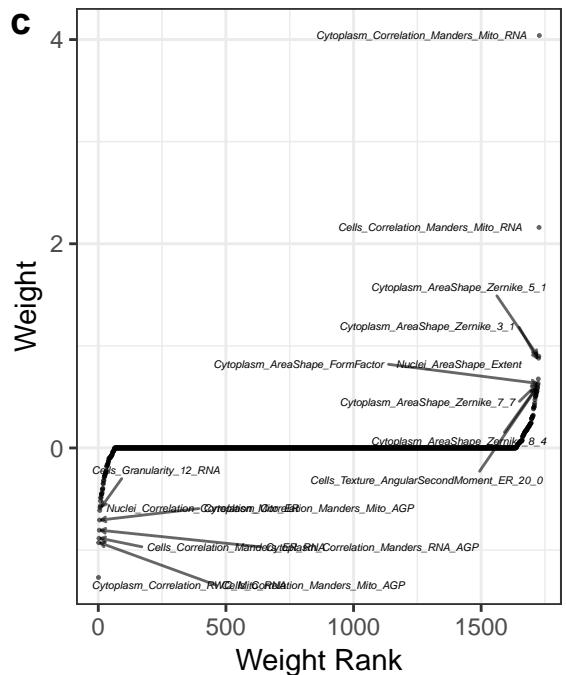
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.98	0.98	Train	False	151
Shuffled	0.81	0.74	Test	False	151
Real	0.77	0.73	Train	True	151
False	0.65	0.58	Test	True	151

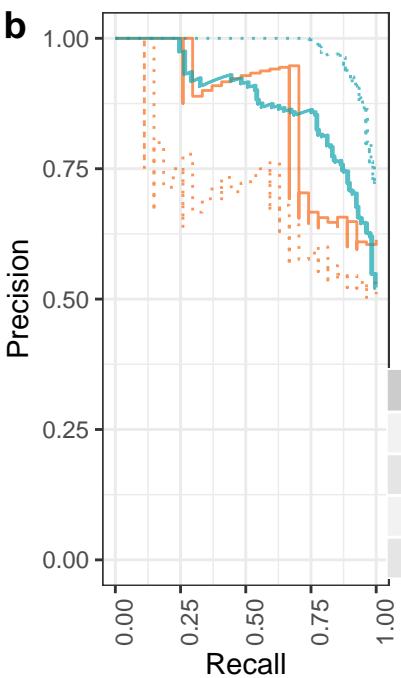
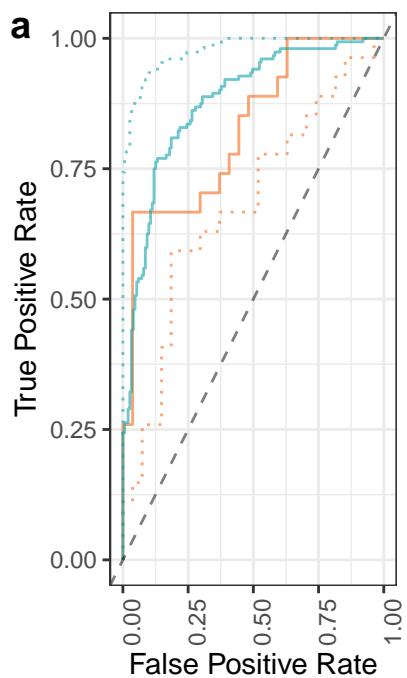


Shuffled

False

True

Performance: cc_all_n_spots_mean



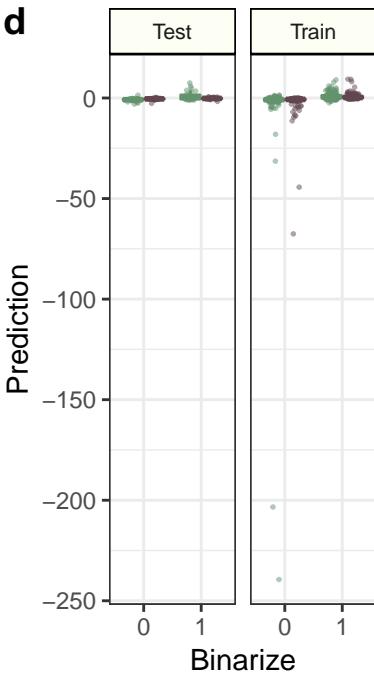
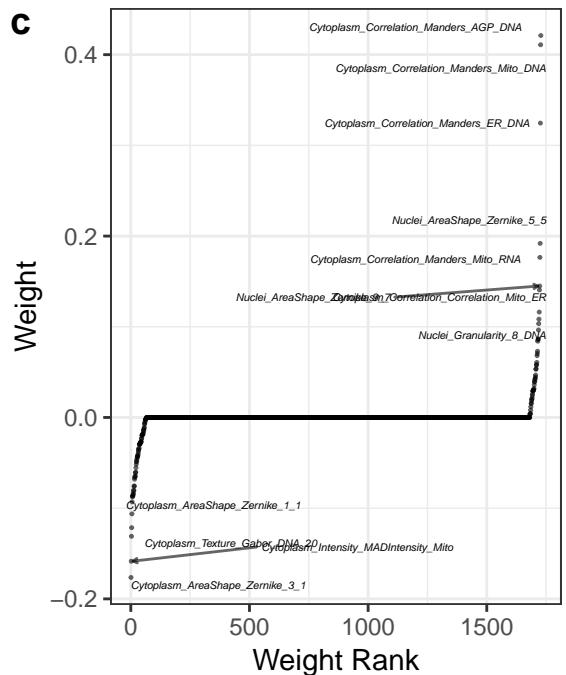
Test
Train

Shuffled Data

Real

Shuffled

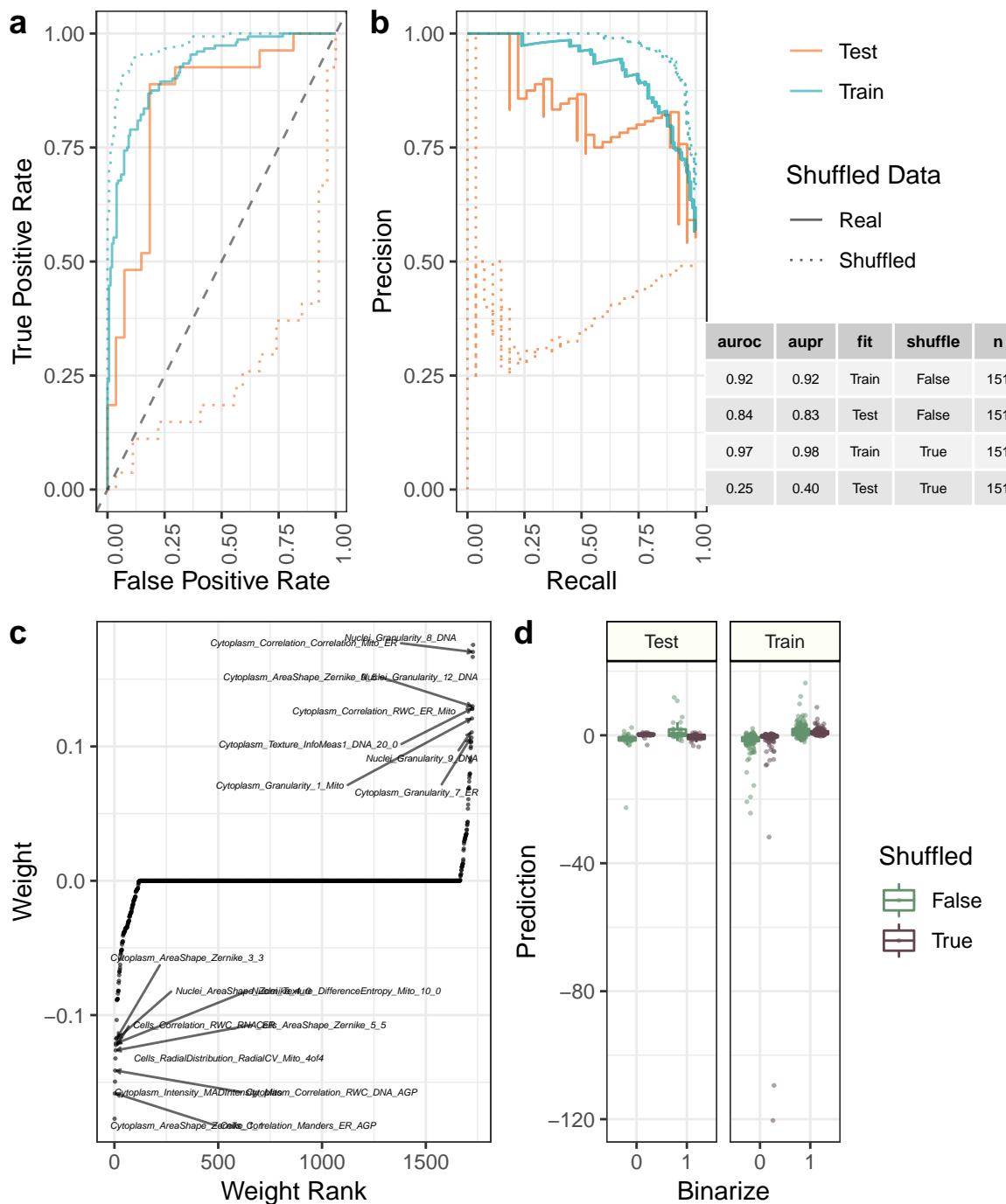
	auroc	aupr	fit	shuffle	n
Train	0.88	0.88	True	False	151
Test	0.83	0.85	Test	False	151
Train	0.98	0.98	Train	True	151
Test	0.68	0.70	Test	True	151



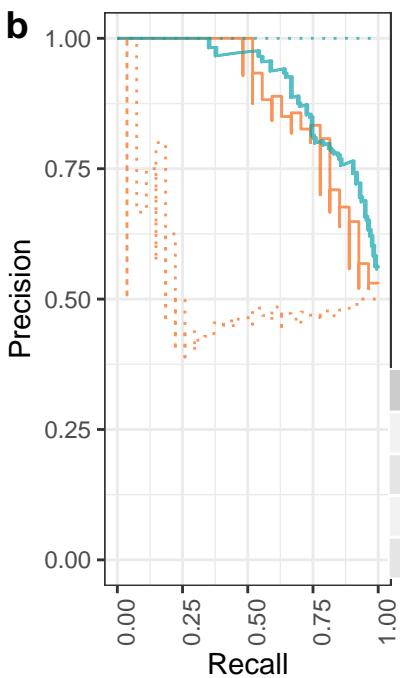
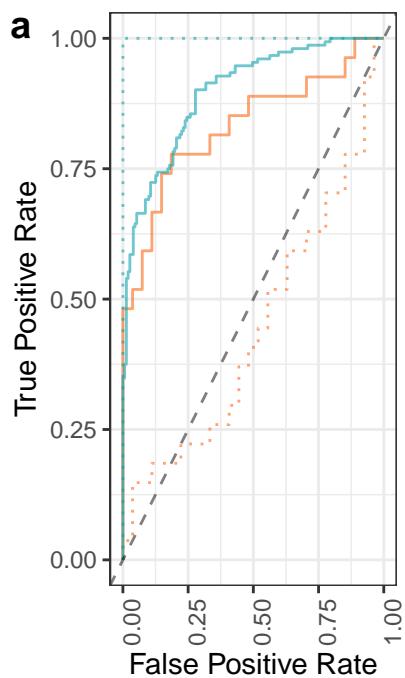
Shuffled

- False
- True

Performance: cc_all_n_spots_per_nucleus_area_mean



Performance: cc_all_nucleus_area_mean



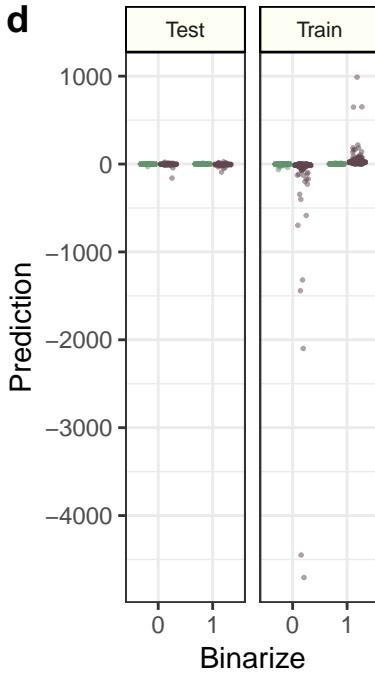
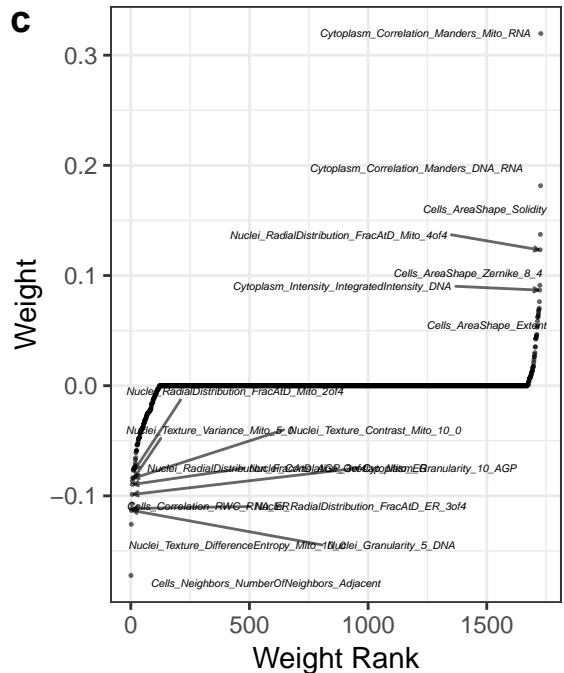
Test
Train

Shuffled Data

Real

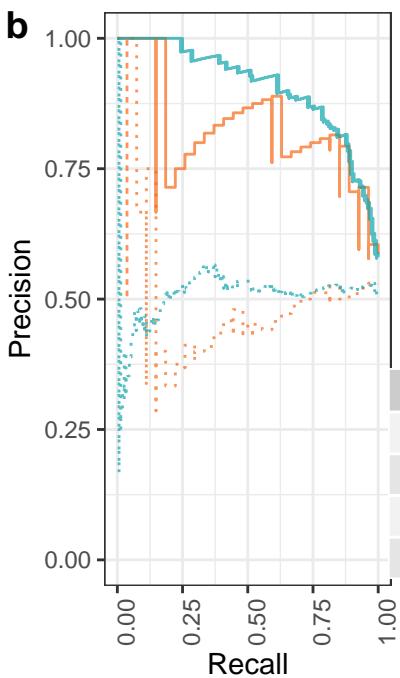
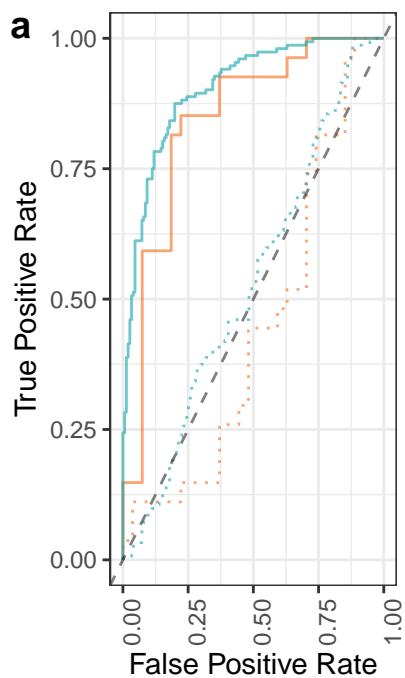
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.90	0.91	True	False	151
Test	0.83	0.87	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.44	0.53	Test	True	151



Shuffled
False
True

Performance: cc_all_nucleus_roundness_mean



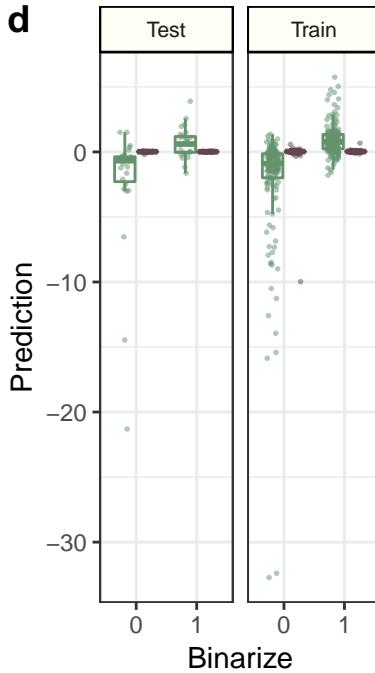
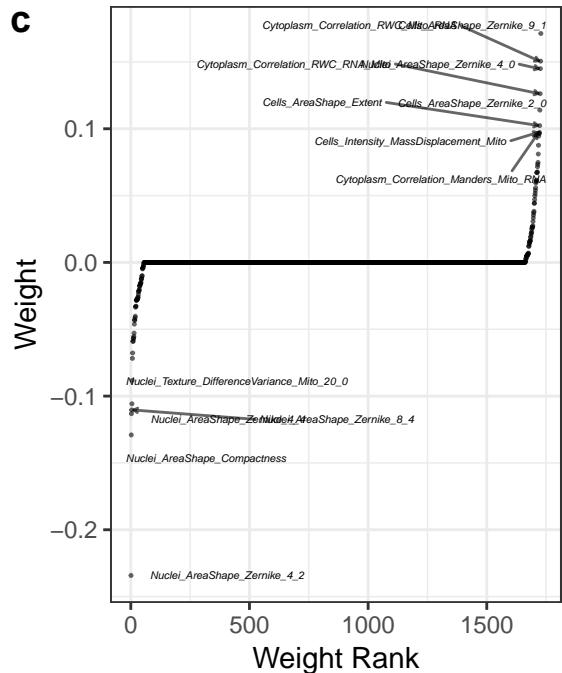
Test
Train

Shuffled Data

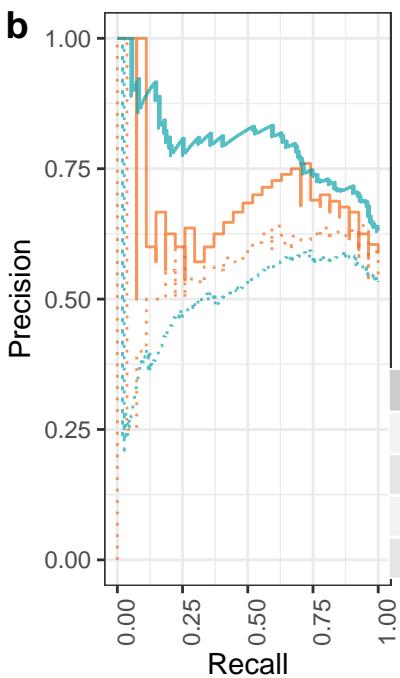
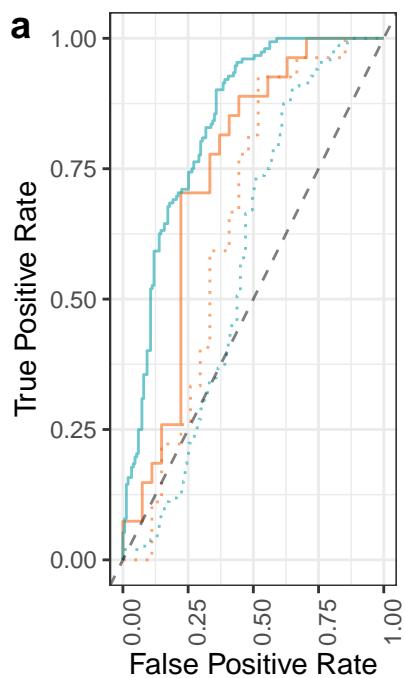
Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.90	0.91	True	False	151
Test	0.84	0.82	Test	False	151
Train	0.53	0.51	Train	True	151
Test	0.44	0.50	Test	True	151



Performance: cc_cc_edu_pos_mean



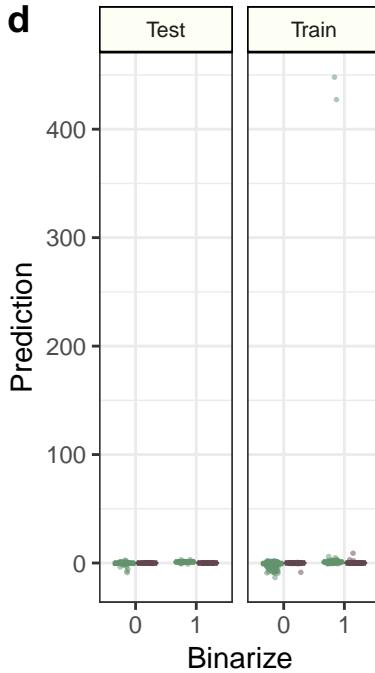
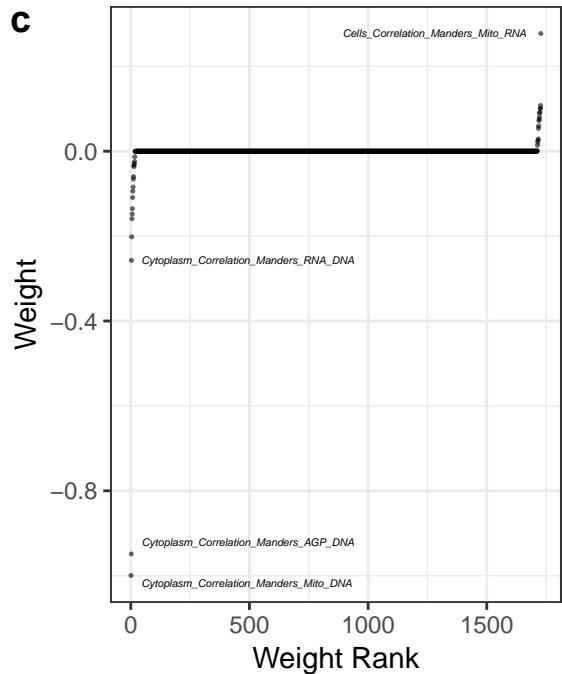
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.84	0.80	Train	False	151
Train	0.74	0.69	Test	False	151
Real	0.58	0.52	Train	True	151
Shuffled	0.65	0.57	Test	True	151

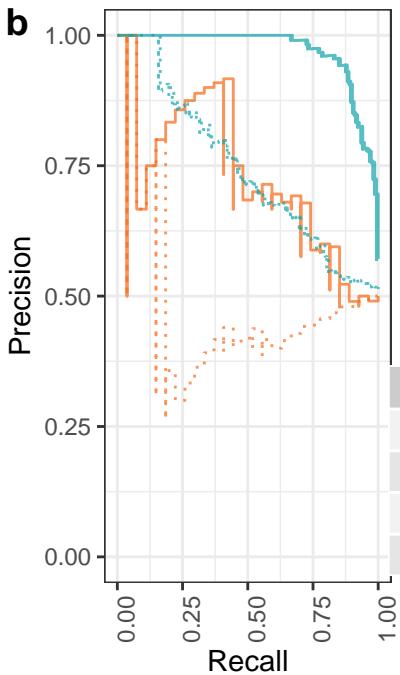
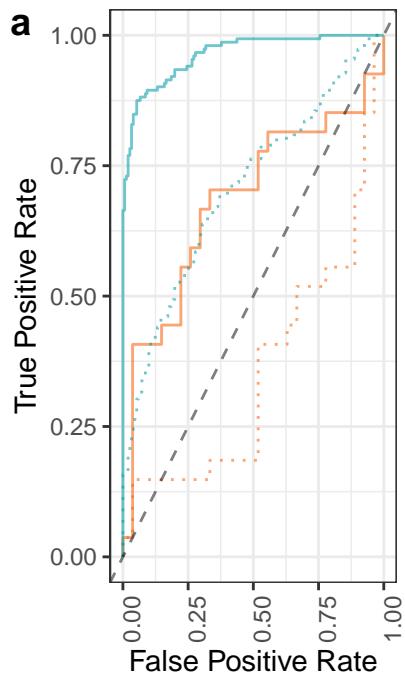


Shuffled

False

True

Performance: cc_cc_g1_mean

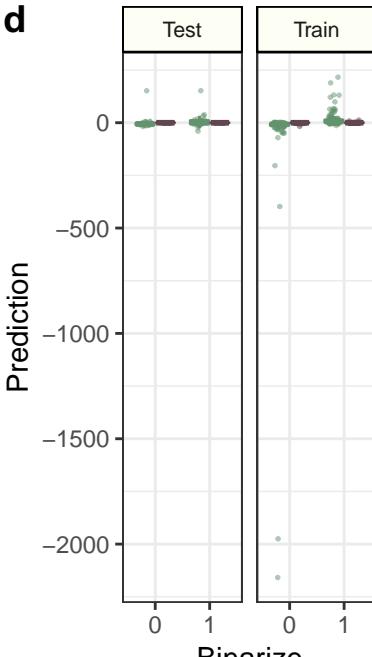
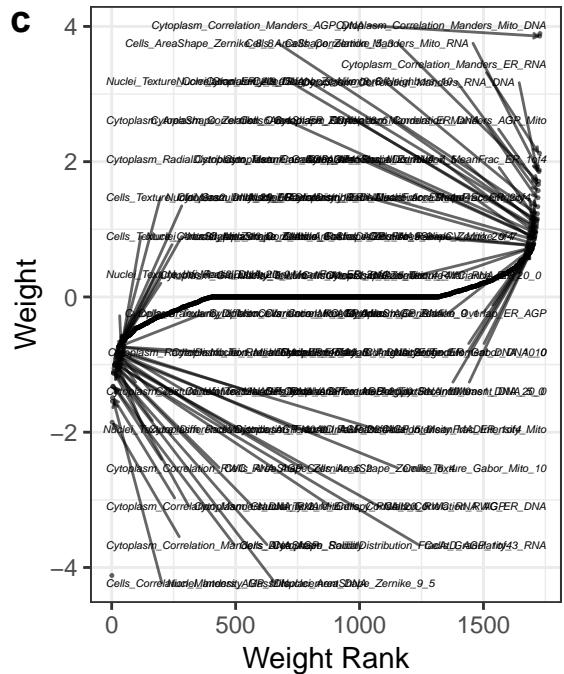


Shuffled Data

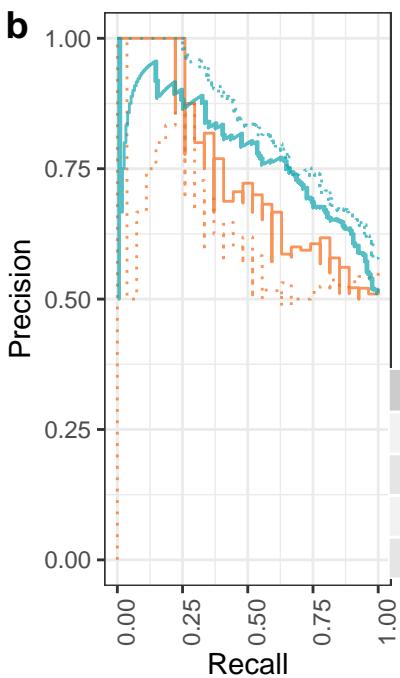
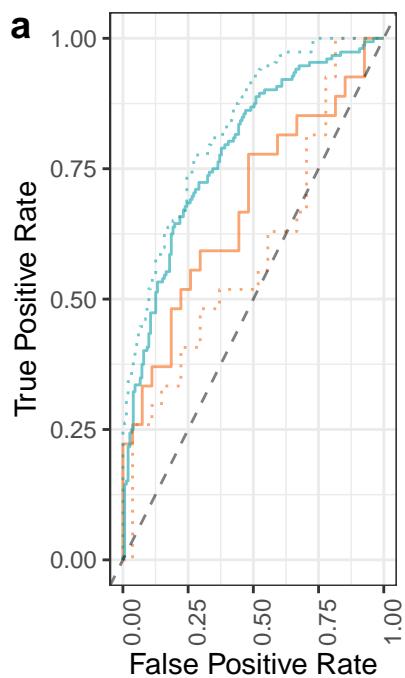
— Real

..... Shuffled

auroc	aupr	fit	shuffle	n
0.96	0.97	Train	False	15
0.68	0.71	Test	False	15
0.71	0.74	Train	True	15
0.69	0.70	Test	True	15



Performance: cc_cc_g2_ph3_neg_mean



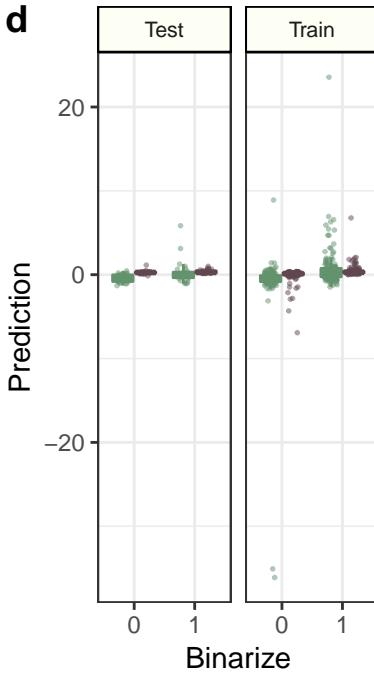
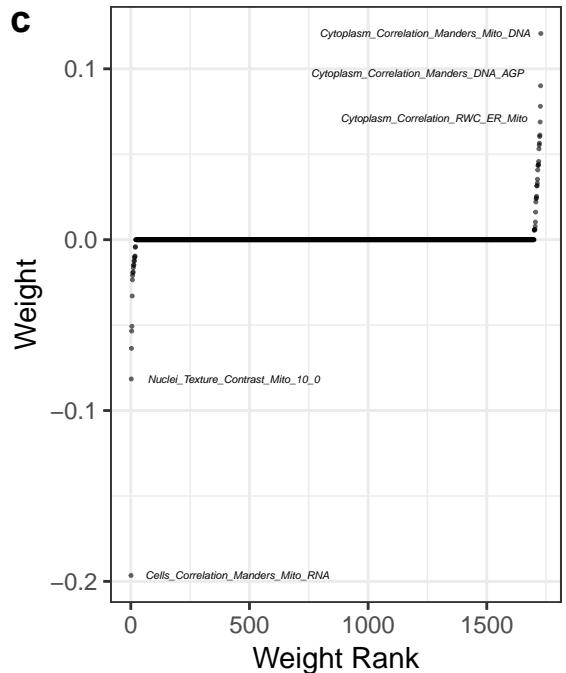
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.78	0.78	Train	False	151
Train	0.68	0.73	Test	False	151
Shuffled	0.83	0.84	Train	True	151
Real	0.59	0.62	Test	True	151

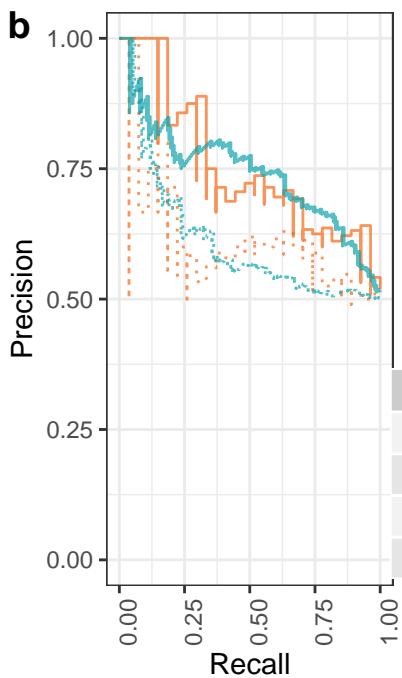
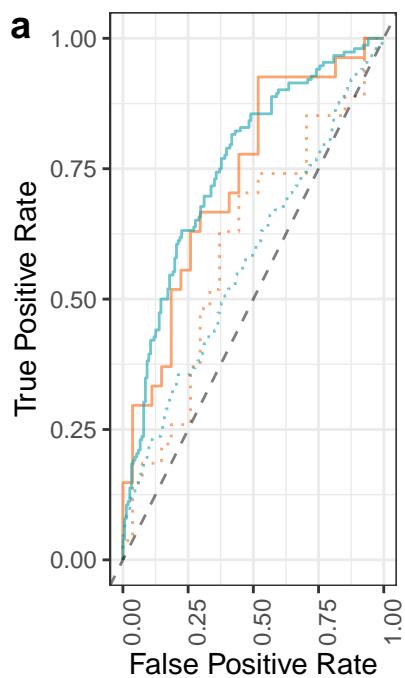


Shuffled

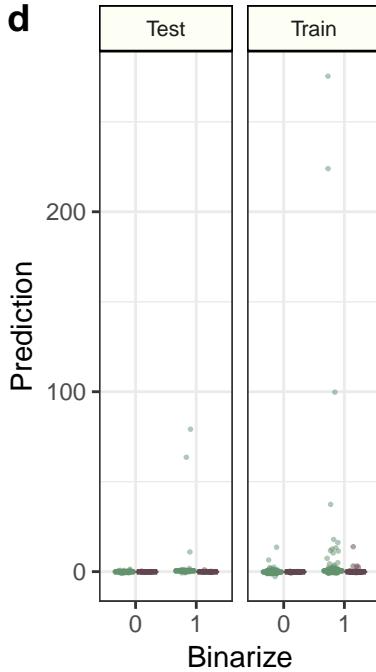
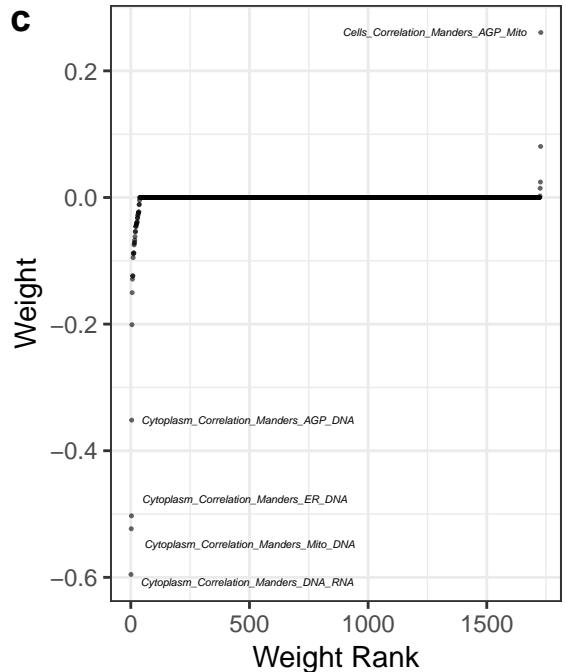
False

True

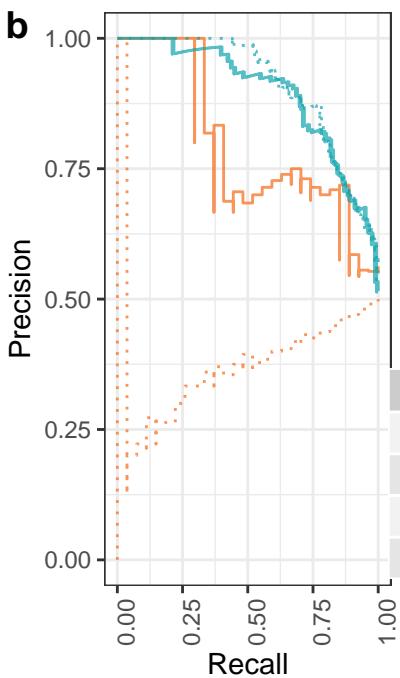
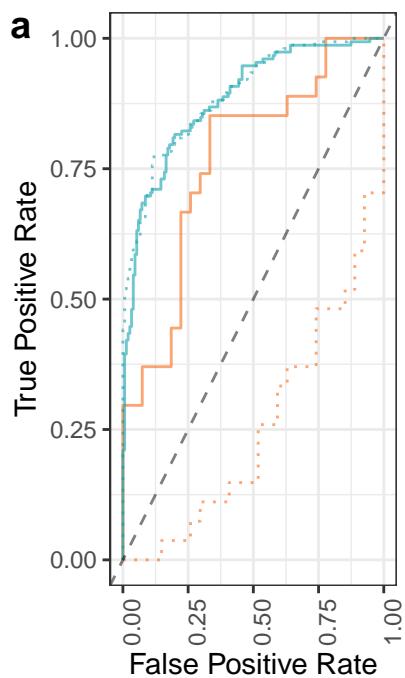
Performance: cc_cc_g2_ph3_pos_early_mitosis_mean



	auroc	aupr	fit	shuffle	n
Train	0.75	0.74	Train	False	151
Test	0.73	0.74	Test	False	151
Train	0.57	0.61	Train	True	151
Test	0.60	0.61	Test	True	151



Performance: cc_cc_high_n_spots_h2ax_mean



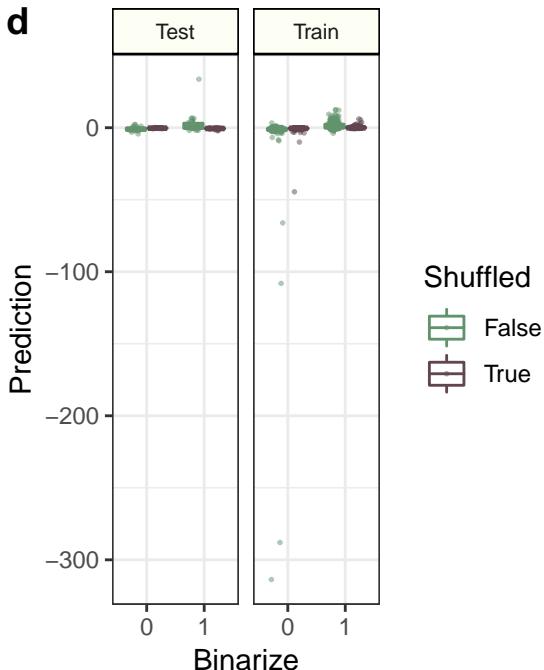
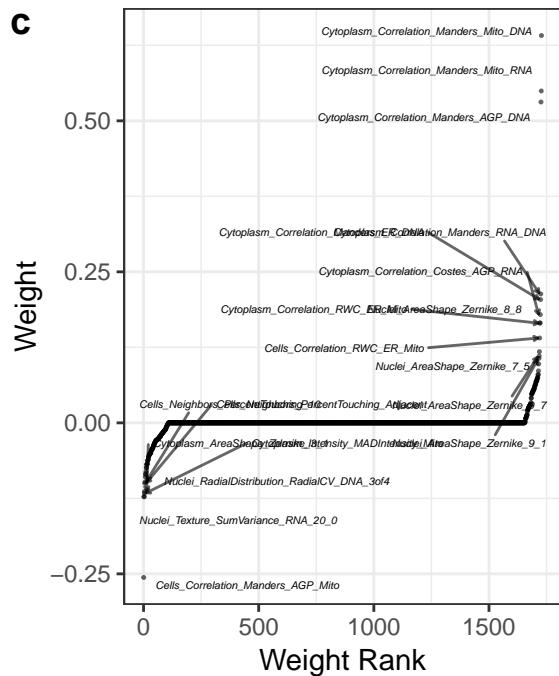
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.88	0.89	True	False	151
Test	0.77	0.78	Test	False	151
Train	0.89	0.91	Train	True	151
Test	0.26	0.38	Test	True	151

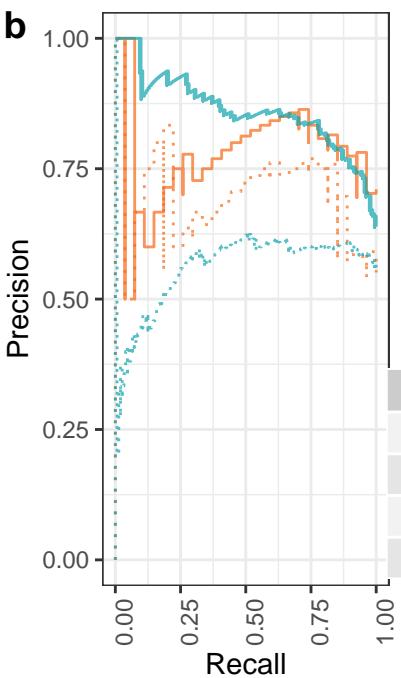
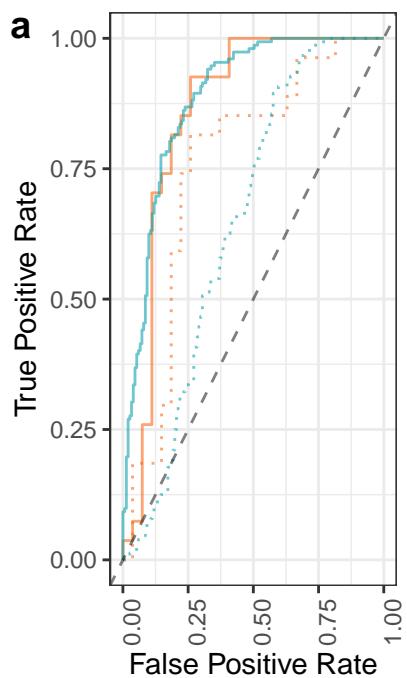


Shuffled

False

True

Performance: cc_cc_n_objects



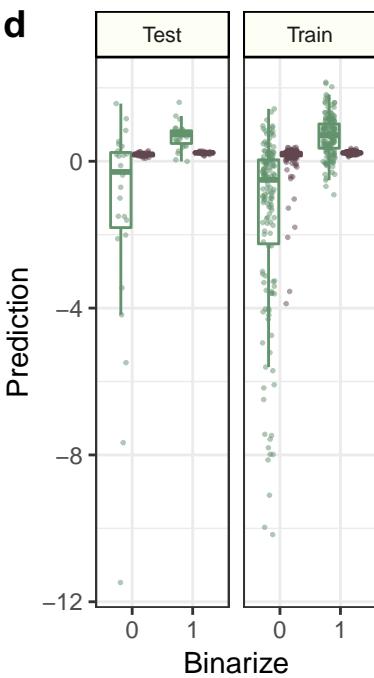
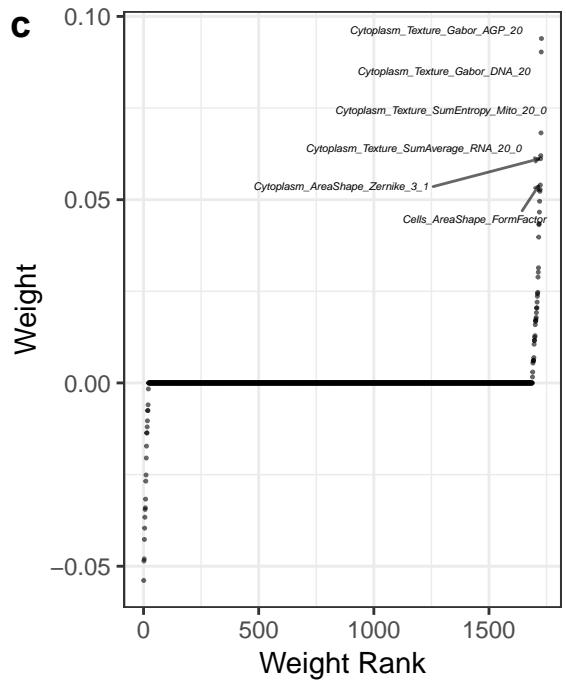
Test
Train

Shuffled Data

Real

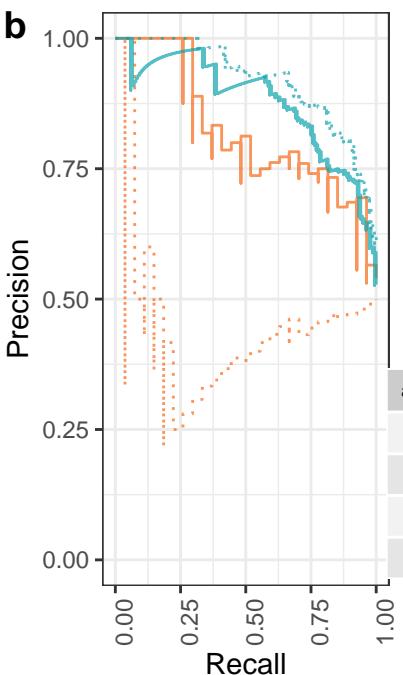
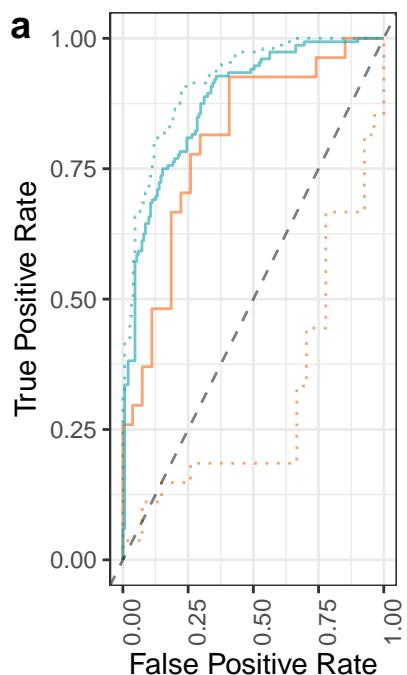
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.89	0.86	True	False	151
Test	0.86	0.78	Test	False	151
Train	0.65	0.56	Train	True	151
Test	0.75	0.69	Test	True	151



Shuffled
False
True

Performance: cc_cc_n_spots_mean

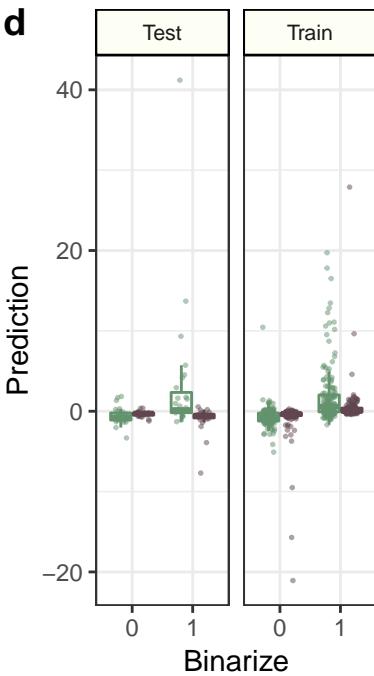
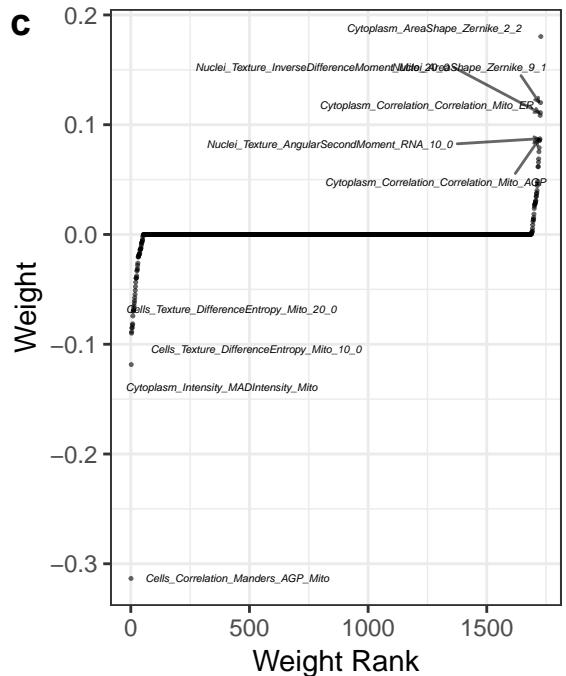


Shuffled Data

Real

Shuffled

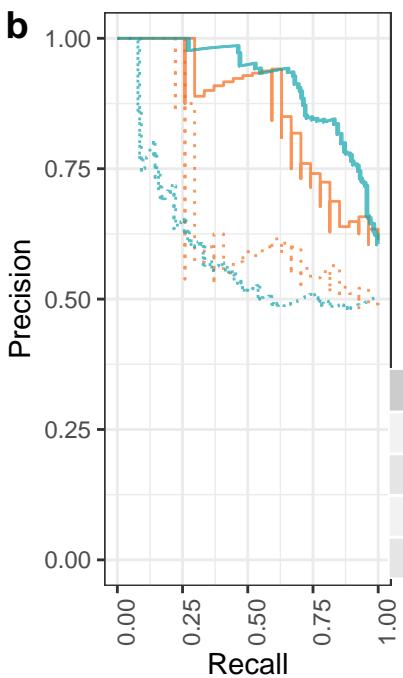
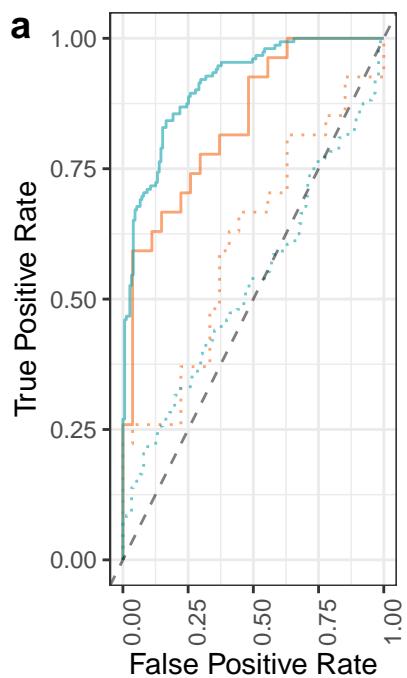
	auroc	aupr	fit	shuffle	n
Train	0.88	0.88	True	False	151
Test	0.80	0.81	Test	False	151
Train	0.92	0.92	Train	True	151
Test	0.31	0.45	Test	True	151



Shuffled

- False
- True

Performance: cc_cc_n_spots_per_nucleus_area_mean



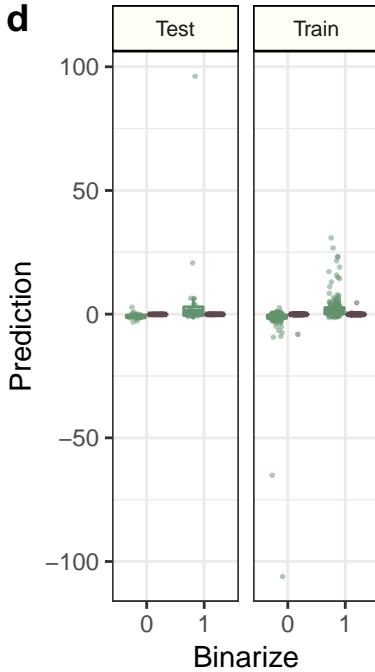
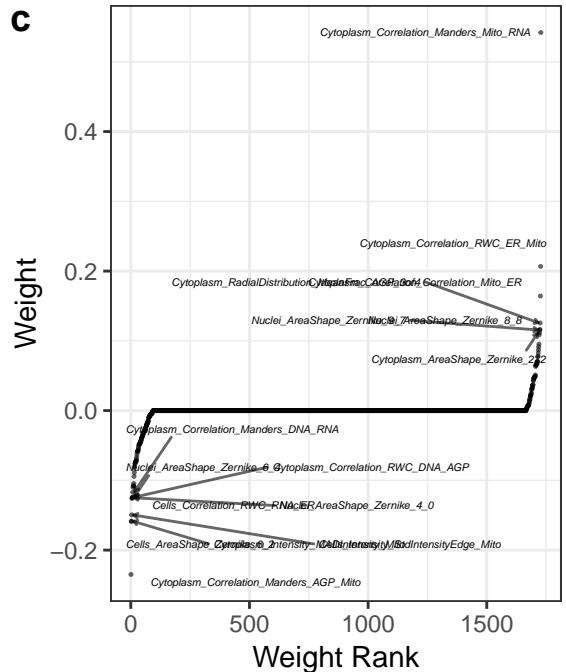
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.91	0.92	True	False	151
Test	0.84	0.85	Test	False	151
Train	0.53	0.60	Train	True	151
Test	0.61	0.67	Test	True	151

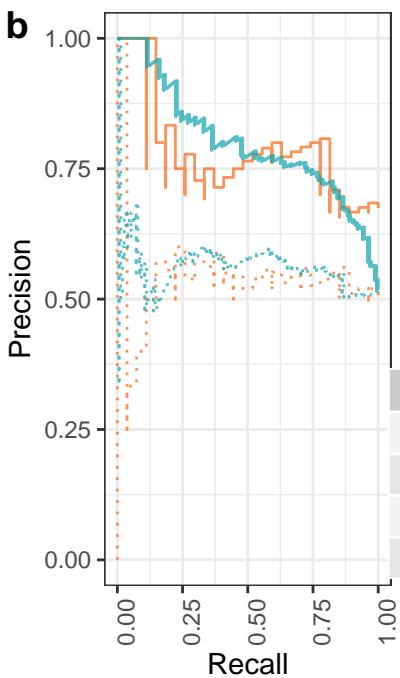
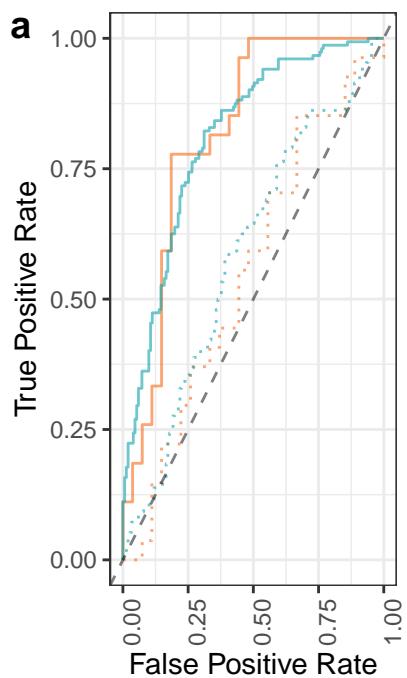


Shuffled

False

True

Performance: cc_cc_ph3_neg_hoechst_late_mitosis_mean



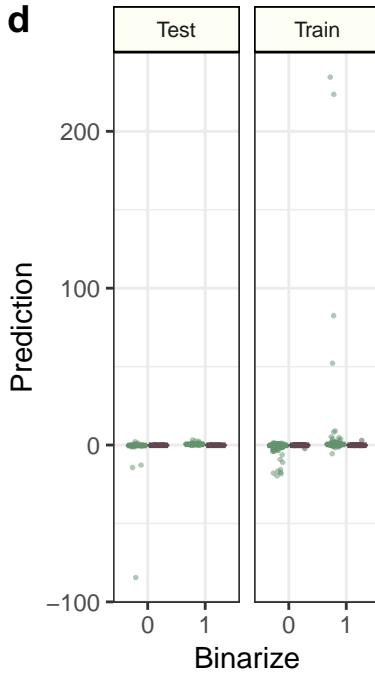
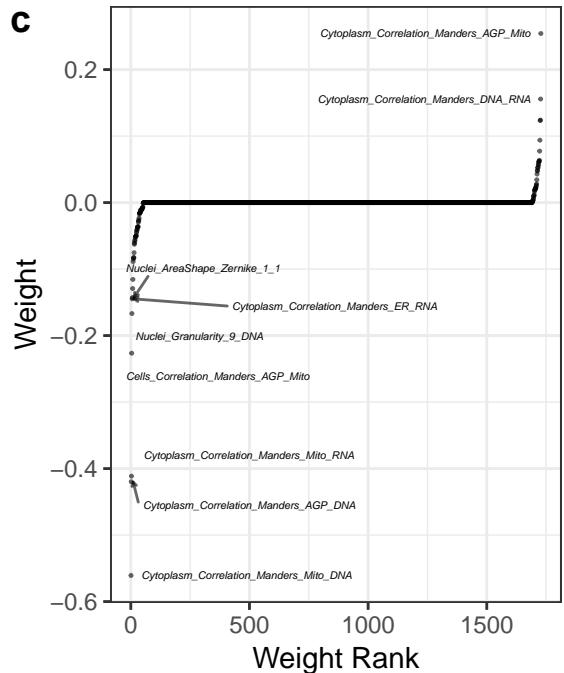
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.81	0.80	Train	False	151
Test	0.82	0.78	Test	False	151
Train	0.59	0.56	Train	True	151
Test	0.55	0.53	Test	True	151

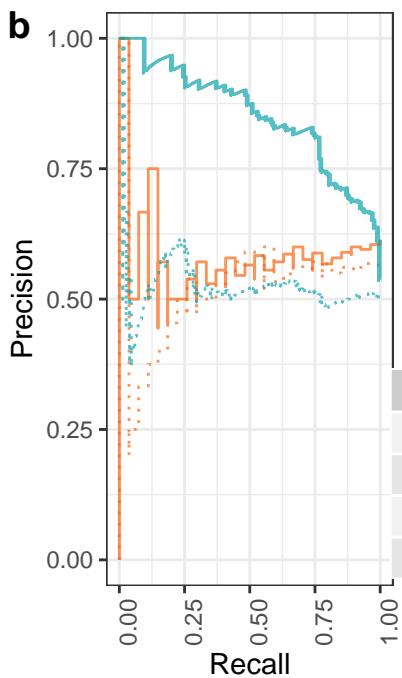
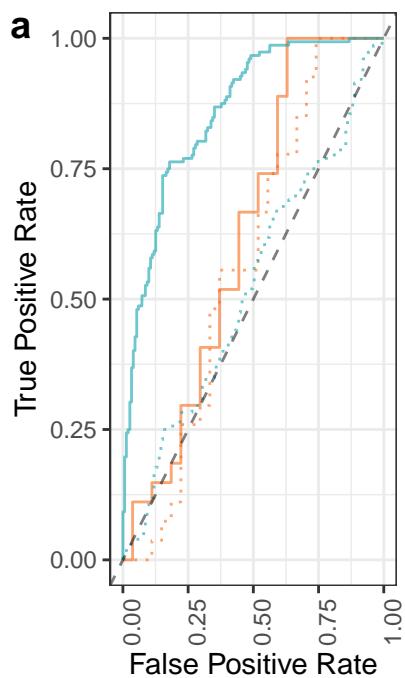


Shuffled

False

True

Performance: cc_cc_ph3_pos_hoechst_mitosis_mean



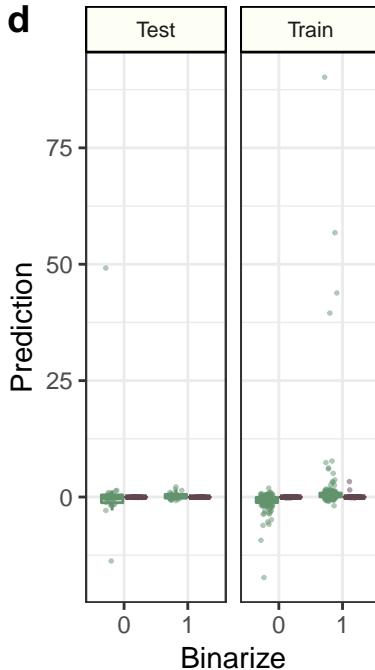
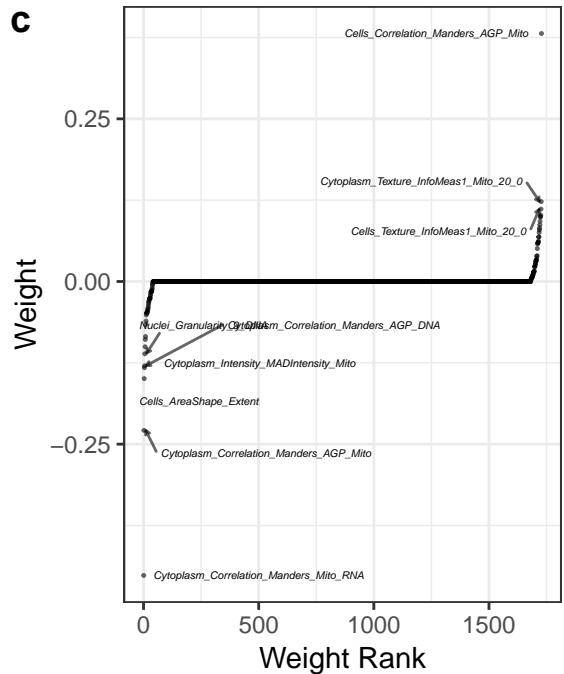
Test
Train

Shuffled Data

Real

Shuffled

auroc	aupr	fit	shuffle	n
0.86	0.85	Train	False	151
0.62	0.58	Test	False	151
0.52	0.53	Train	True	151
0.57	0.52	Test	True	151

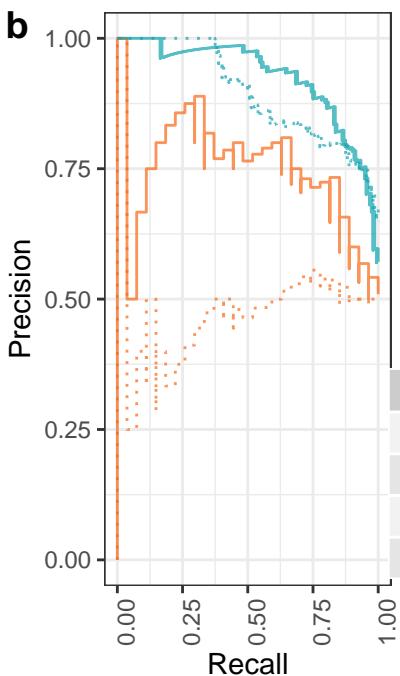
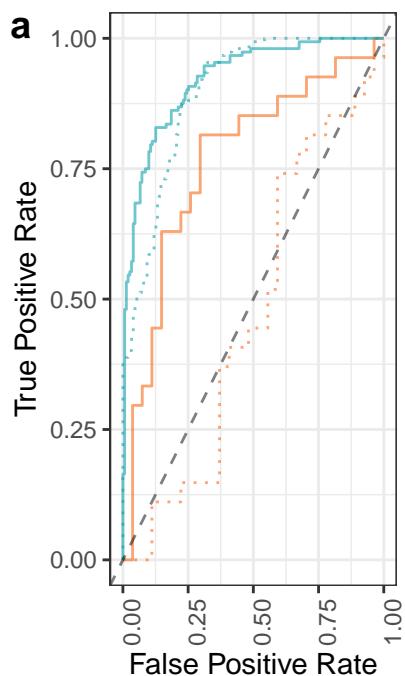


Shuffled

False

True

Performance: cc_edu_pos_alexa647_intensity_nucleus_area_mean

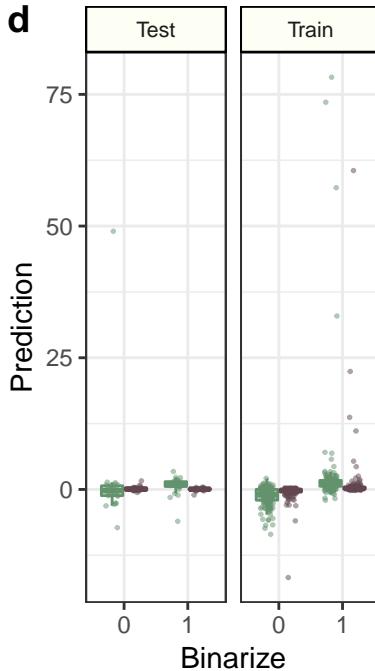
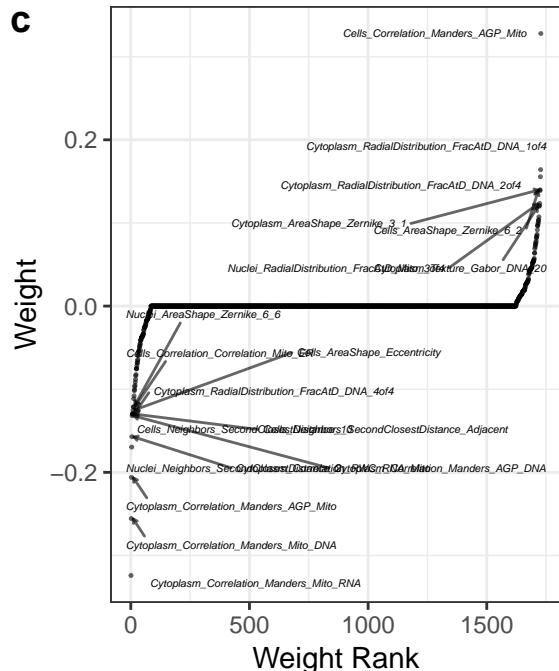


Shuffled Data

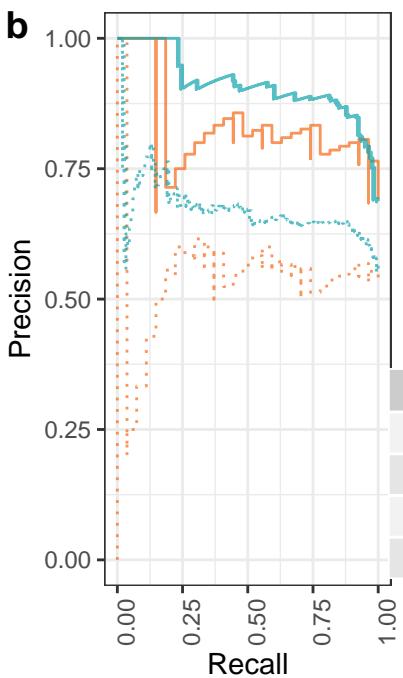
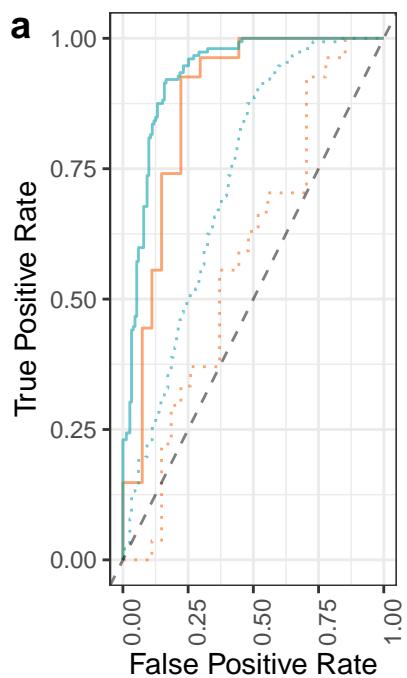
Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.92	0.92	True	False	151
Test	0.77	0.73	Test	False	151
Train	0.90	0.89	Train	True	151
Test	0.47	0.47	Test	True	151



Performance: cc_edu_pos_alexa647_intensity_nucleus_area_su



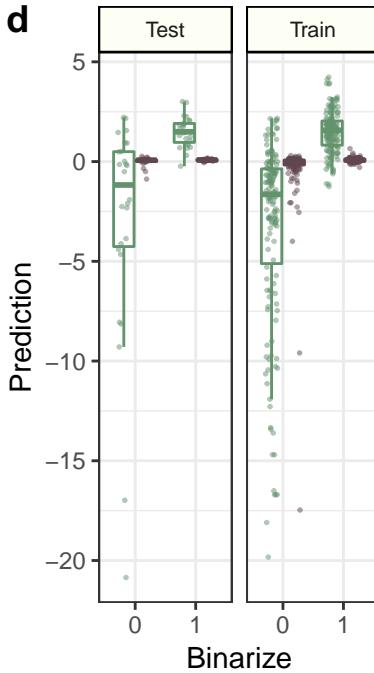
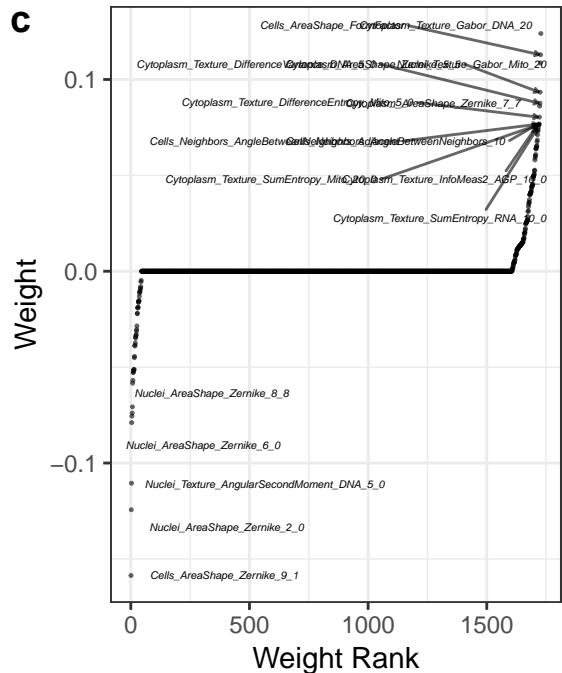
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.93	0.91	True	False	151
Test	0.87	0.83	Test	False	151
Train	0.73	0.68	Train	True	151
Test	0.58	0.54	Test	True	151

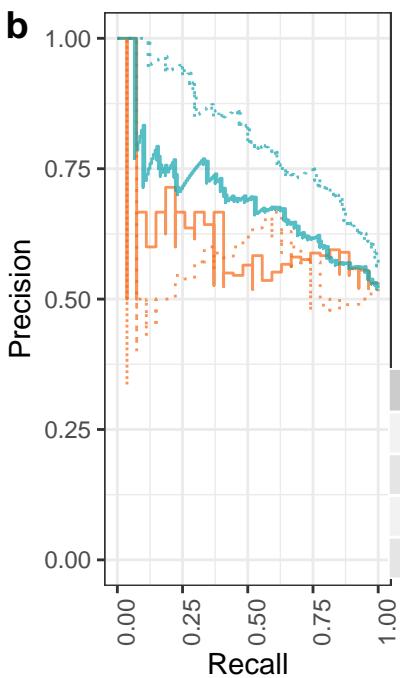
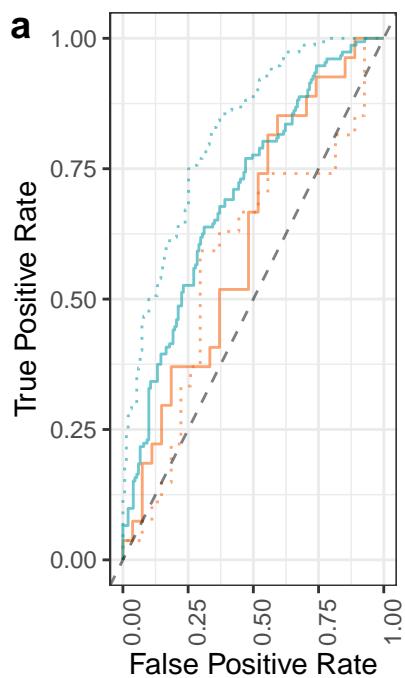


Shuffled

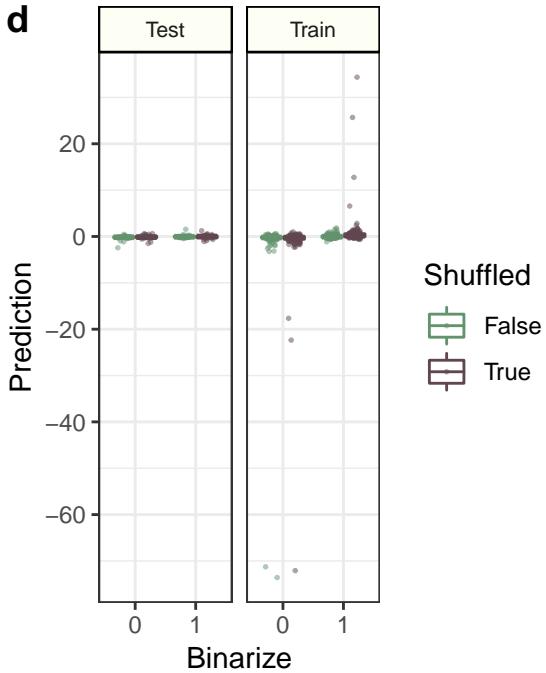
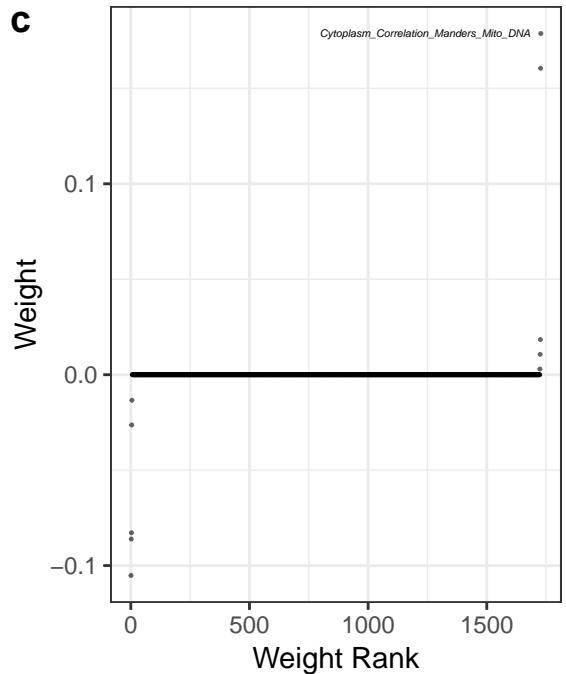
False

True

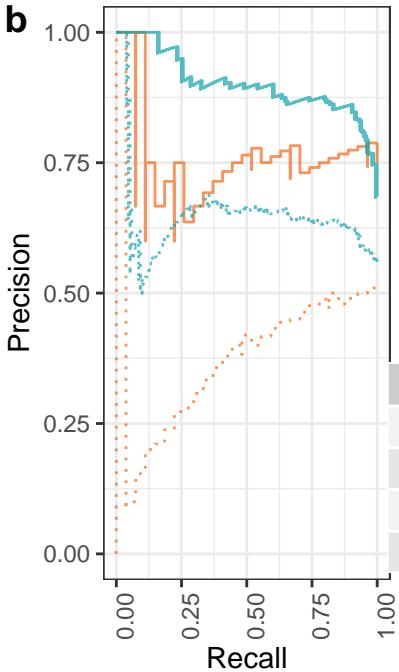
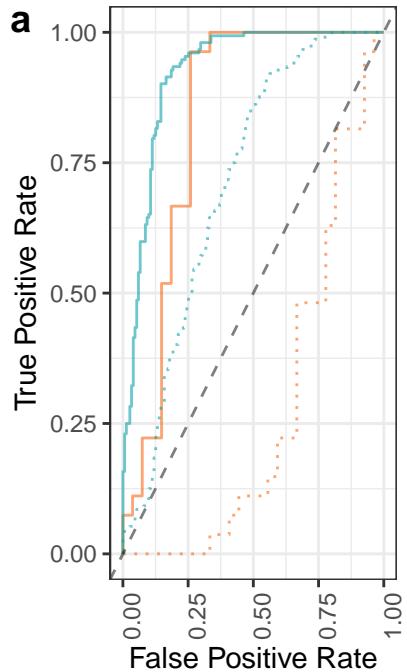
Performance: cc_edu_pos_high_n_spots_h2ax_mean



	auroc	aupr	fit	shuffle	n
Train	0.70	0.69	True	False	151
Test	0.62	0.61	Test	False	151
Train	0.82	0.82	Train	True	151
Test	0.57	0.57	Test	True	151



Performance: cc_edu_pos_n_objects



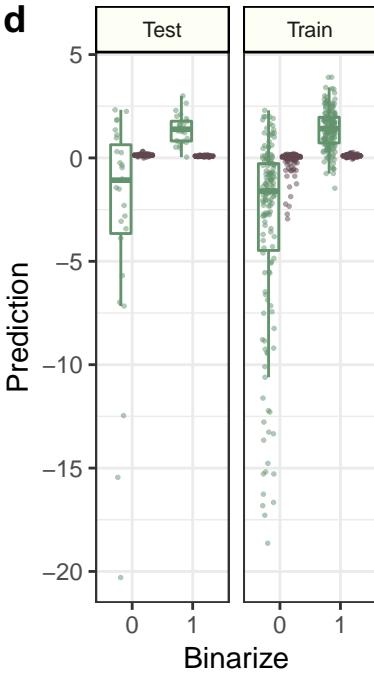
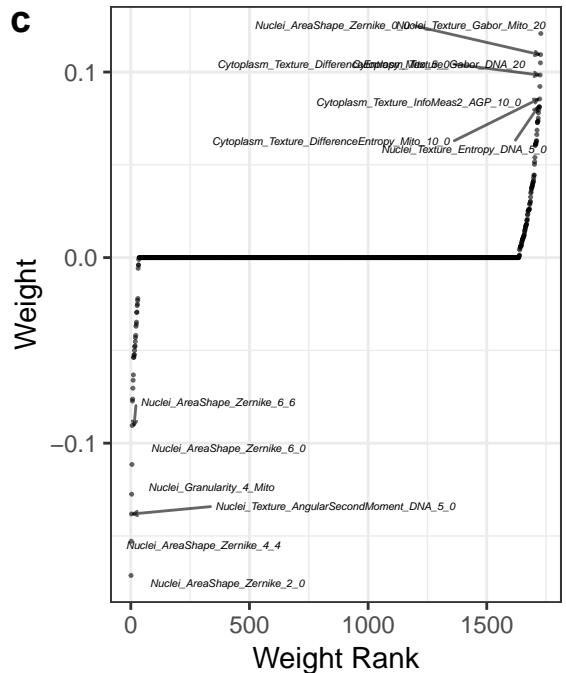
Test
Train

Shuffled Data

Real

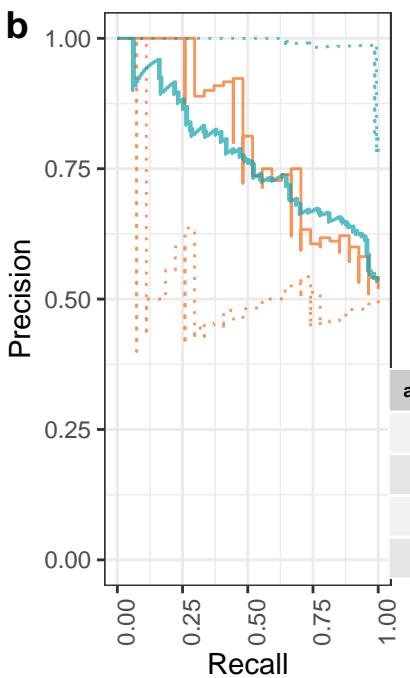
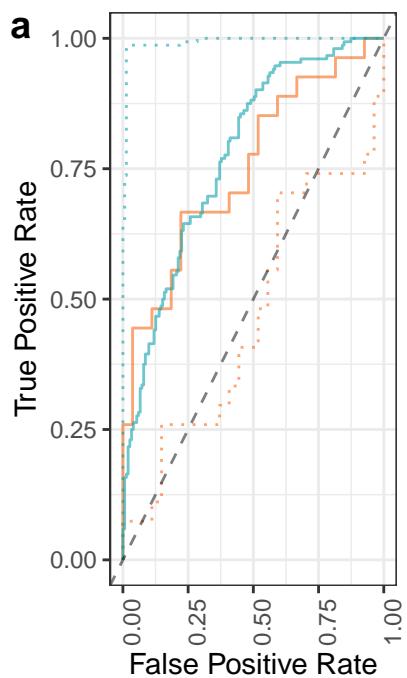
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.92	0.90	True	False	151
Test	0.83	0.76	Test	False	151
Train	0.71	0.65	Train	True	151
Test	0.28	0.38	Test	True	151



Shuffled
False
True

Performance: cc_edu_pos_n_spots_mean



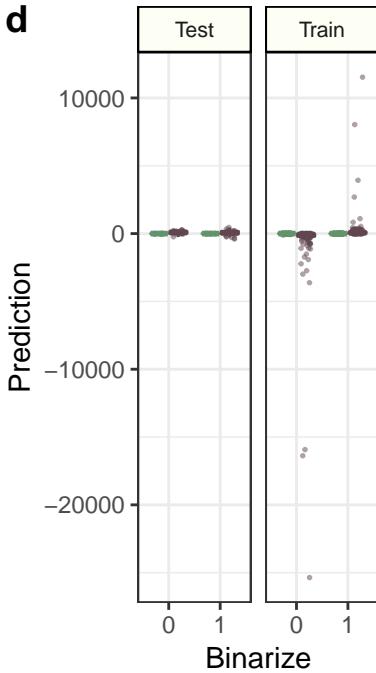
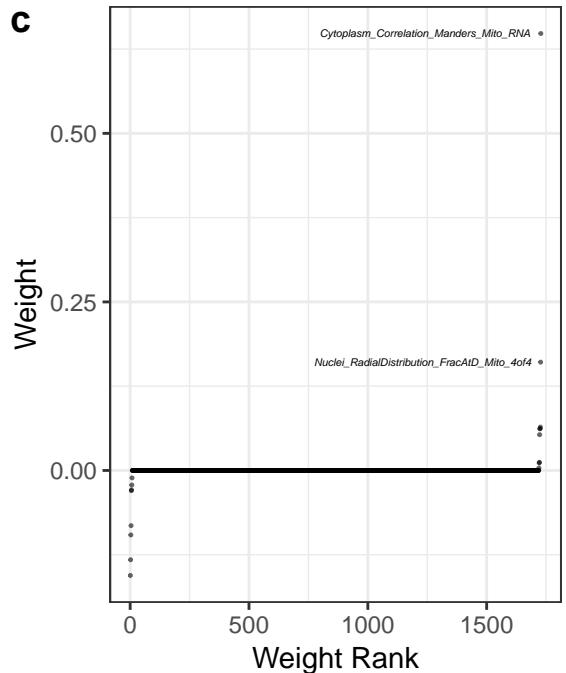
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.78	0.77	True	False	151
Test	0.75	0.79	Test	False	151
Train	0.99	0.99	Train	True	151
Test	0.47	0.54	Test	True	151

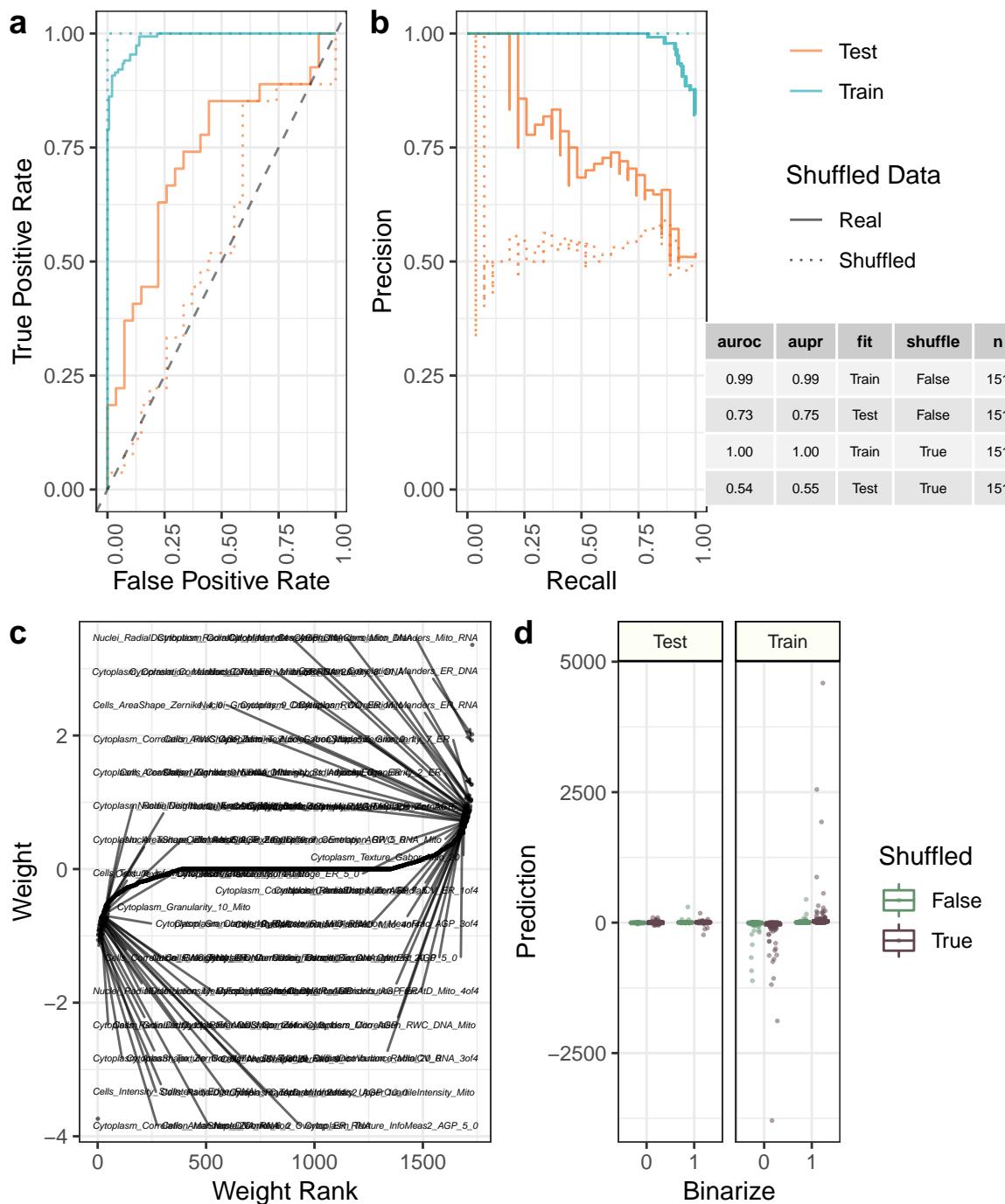


Shuffled

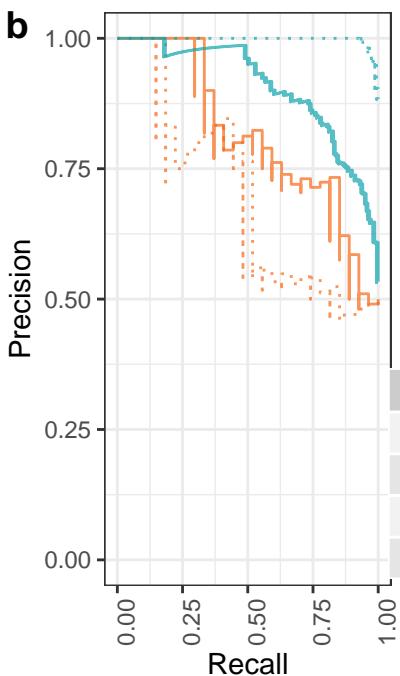
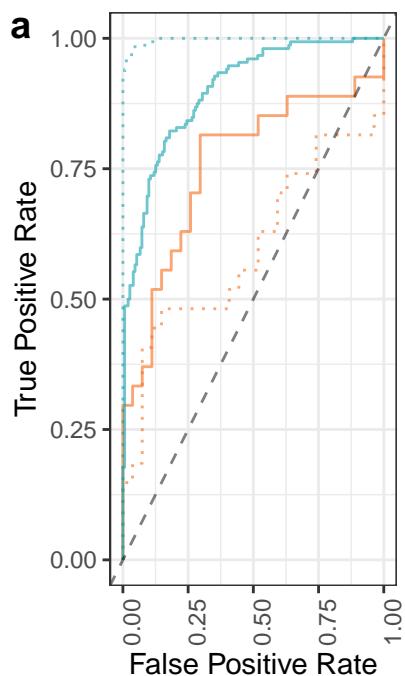
False

True

Performance: cc_edu_pos_n_spots_per_nucleus_area_mean



Performance: cc_g1_high_n_spots_h2ax_mean



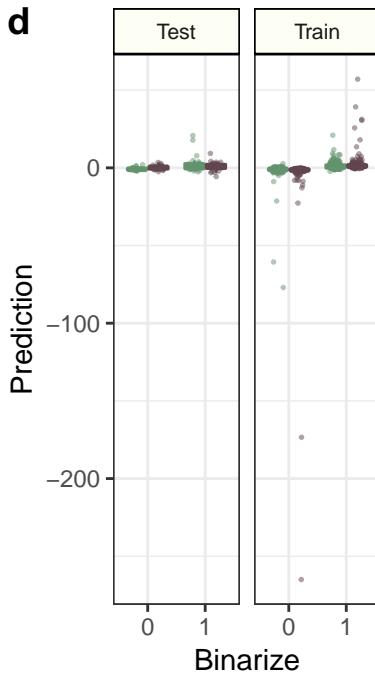
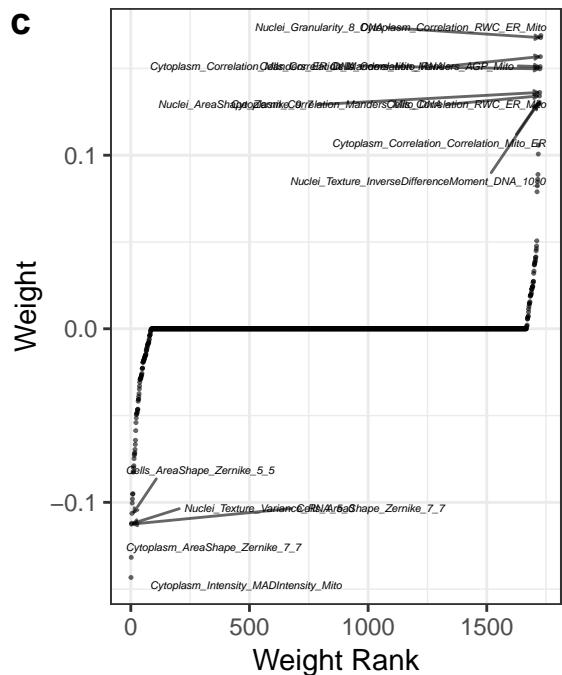
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.90	0.91	Train	False	151
Test	0.76	0.80	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.60	0.68	Test	True	151

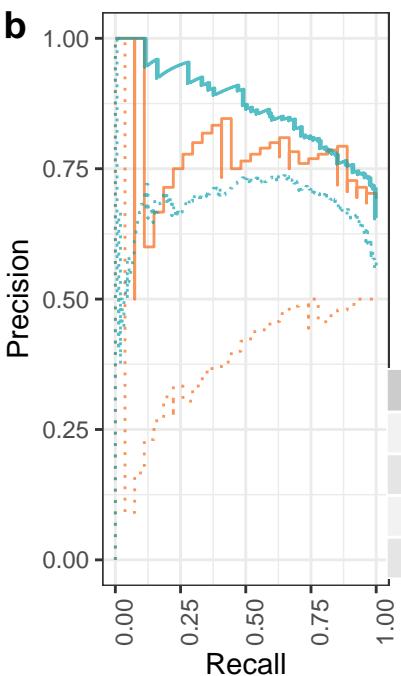
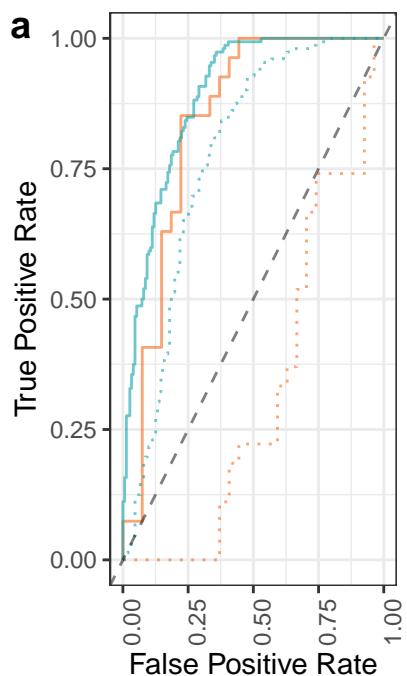


Shuffled

False

True

Performance: cc_g1_n_objects



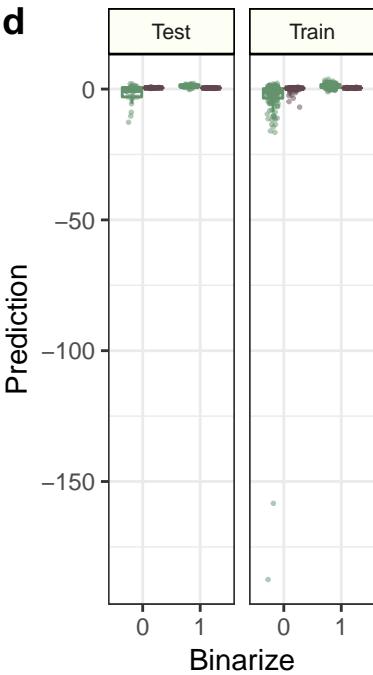
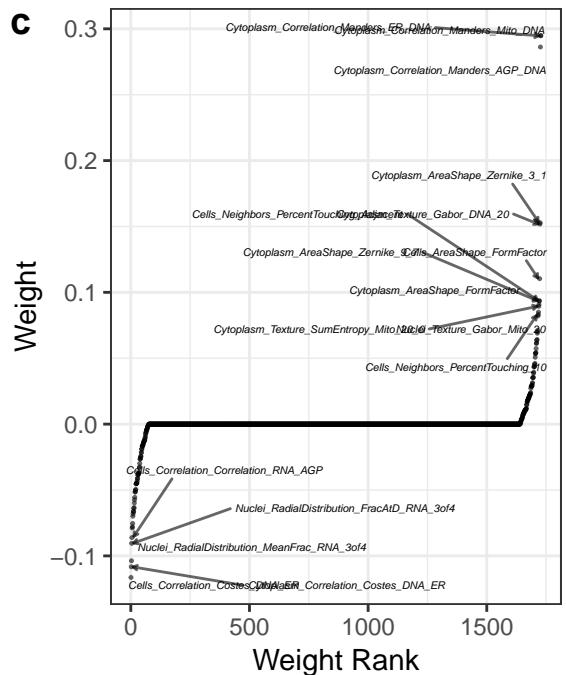
Test
Train

Shuffled Data

Real

Shuffled

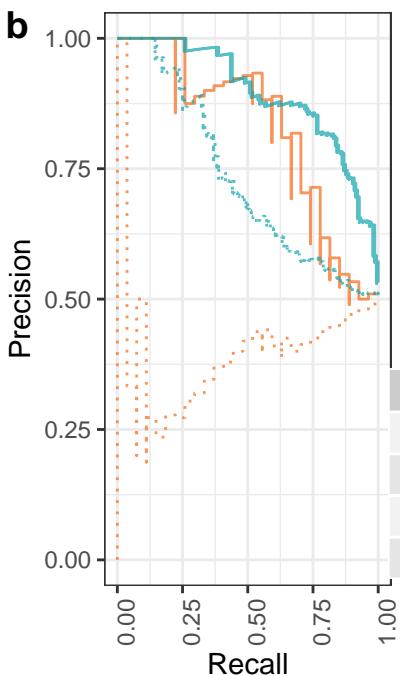
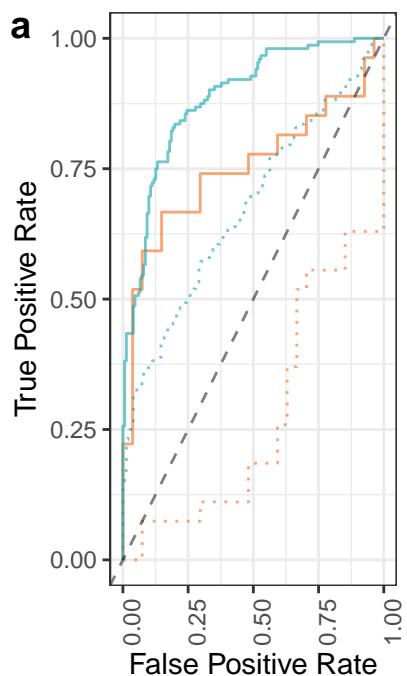
	auroc	aupr	fit	shuffle	n
Train	0.89	0.87	True	False	151
Test	0.84	0.78	Test	False	151
Train	0.77	0.68	Train	True	151
Test	0.32	0.39	Test	True	151



Shuffled

- False
- True

Performance: cc_g1_n_spots_mean



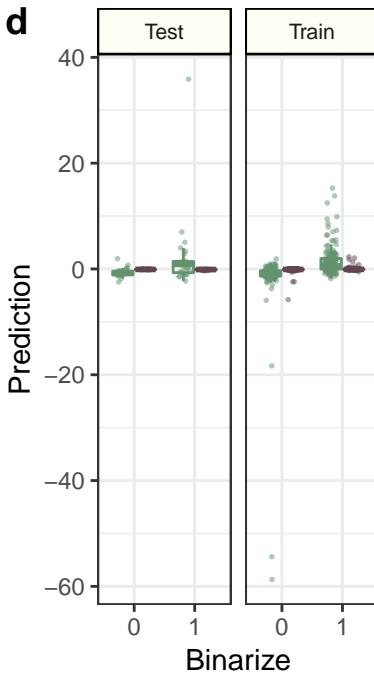
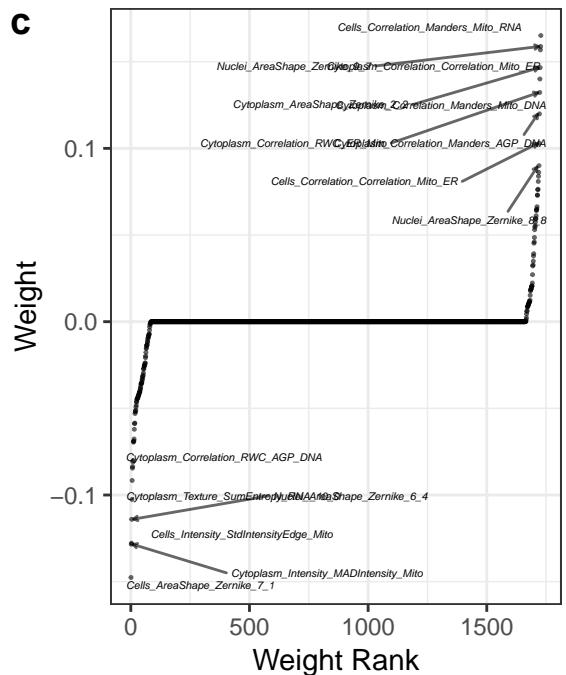
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.89	0.89	Train	False	151
Shuffled	0.75	0.81	Test	False	151
Train	0.68	0.73	Train	True	151
Real	0.28	0.40	Test	True	151

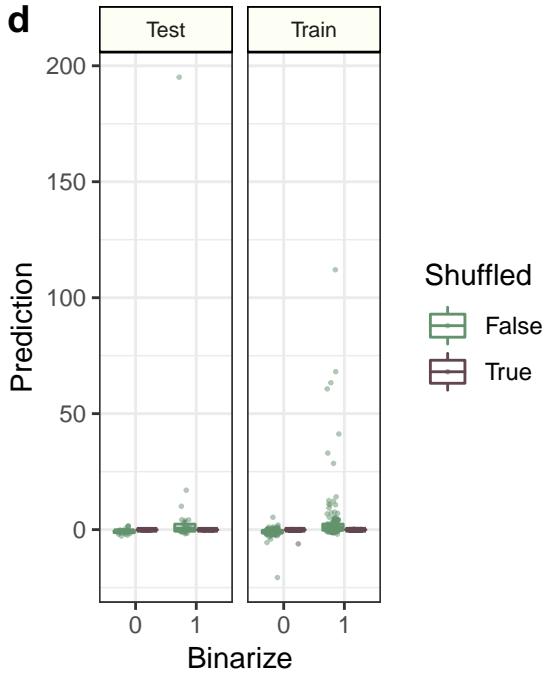
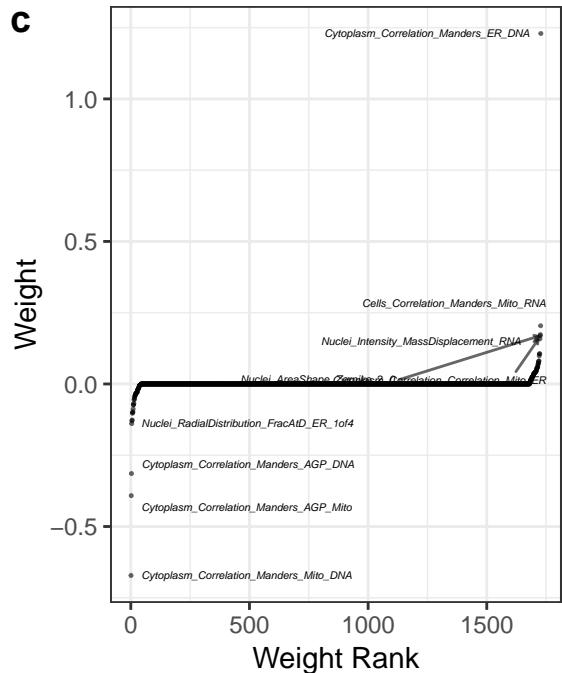
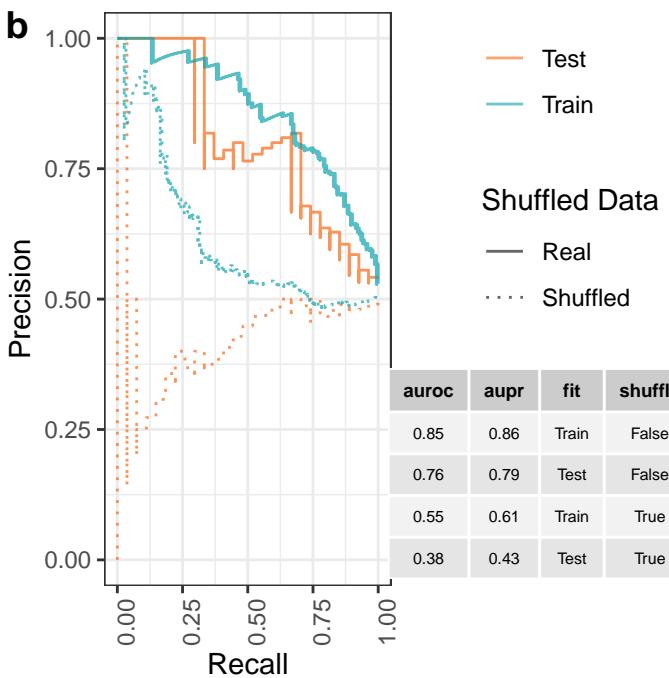
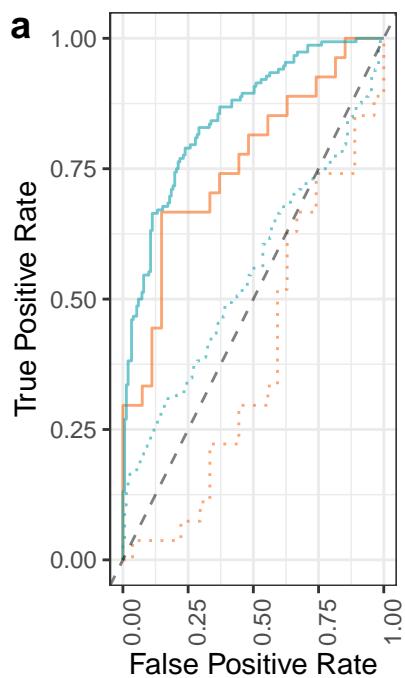


Shuffled

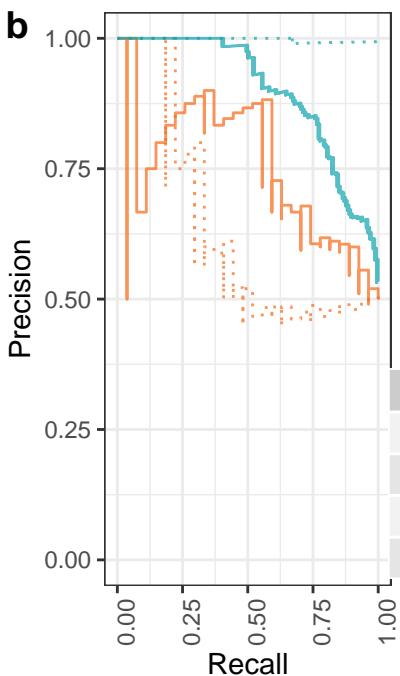
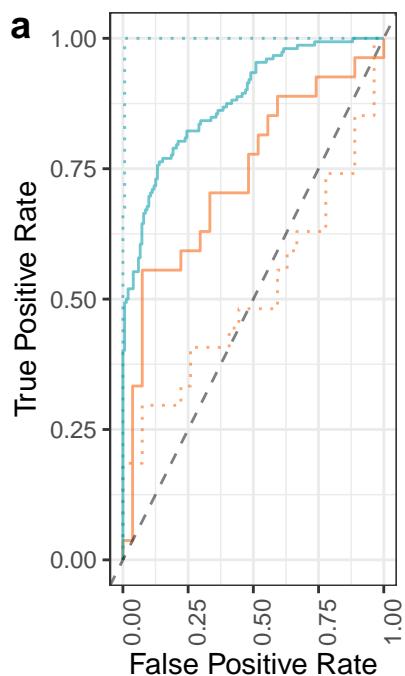
False

True

Performance: cc_g1_n_spots_per_nucleus_area_mean



Performance: cc_g1_plus_g2

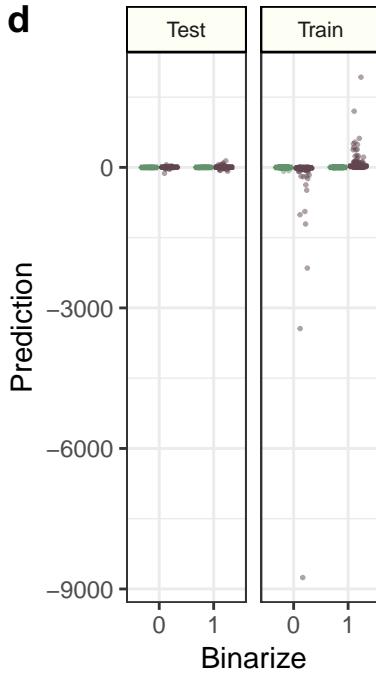
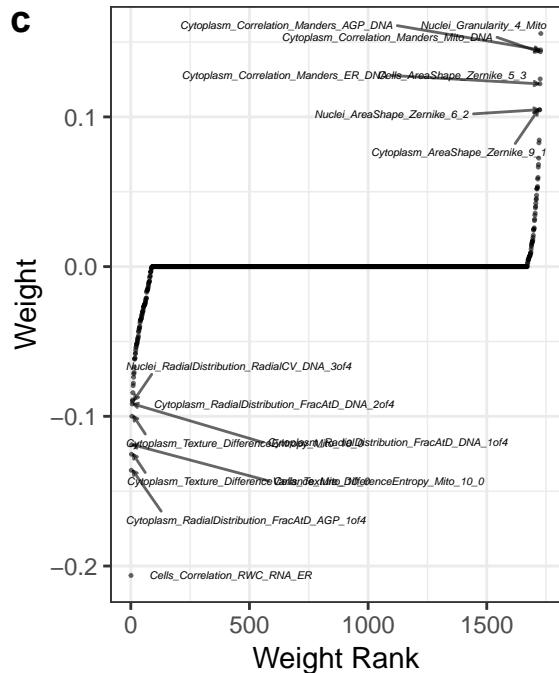


Test
Train

Shuffled Data

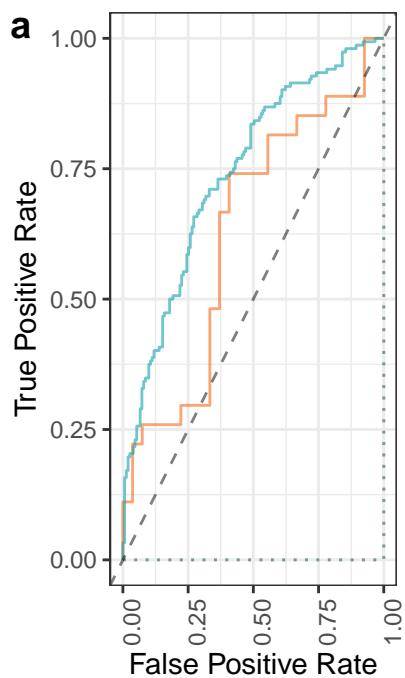
Real
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.88	0.90	True	False	151
Test	0.73	0.74	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.51	0.63	Test	True	151



Shuffled
False
True

Performance: cc_g2_g1



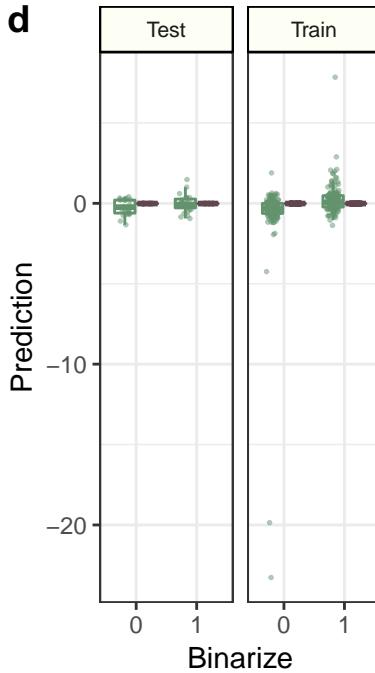
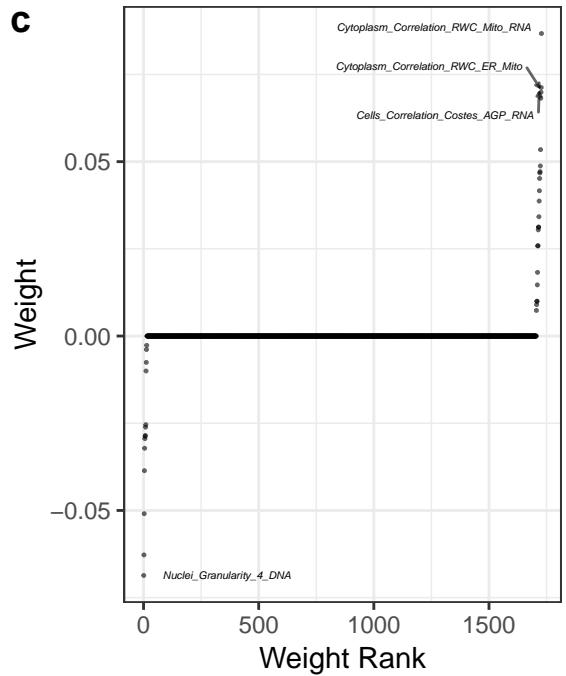
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.74	0.75	Train	False	151
Train	0.63	0.66	Test	False	151
True	0.50	0.50	Train	True	151
False	0.50	0.50	Test	True	151

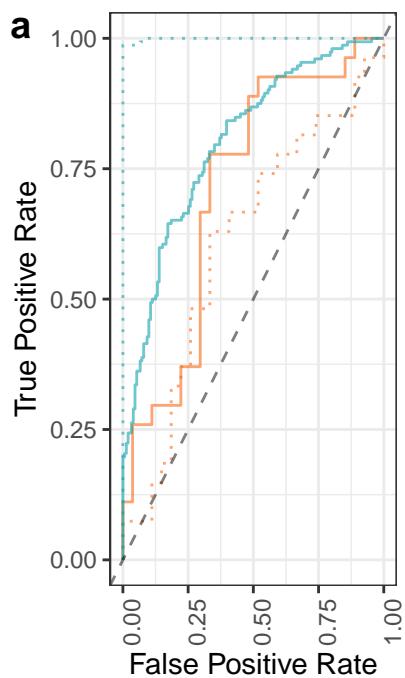


Shuffled

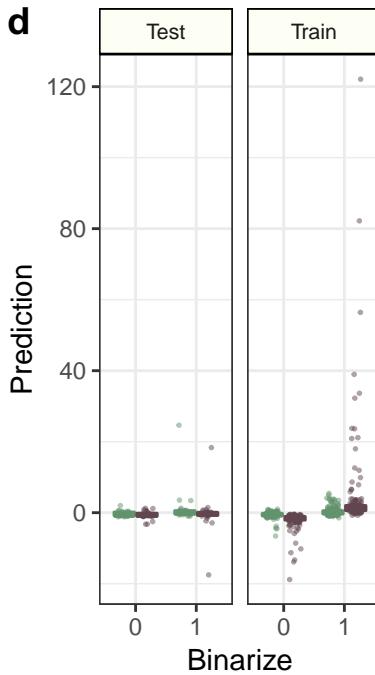
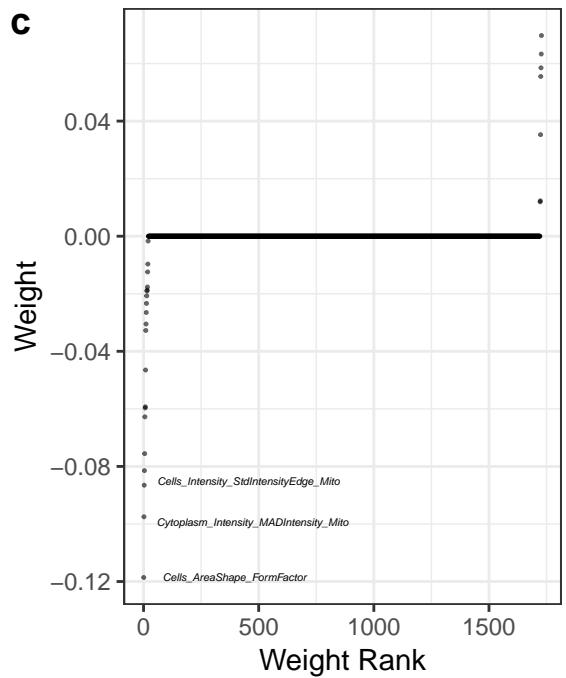
False

True

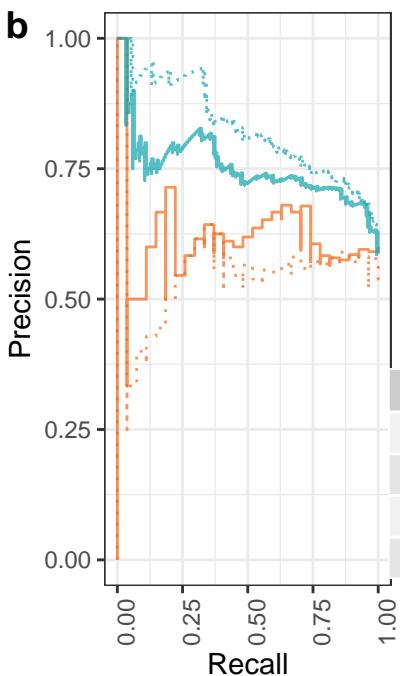
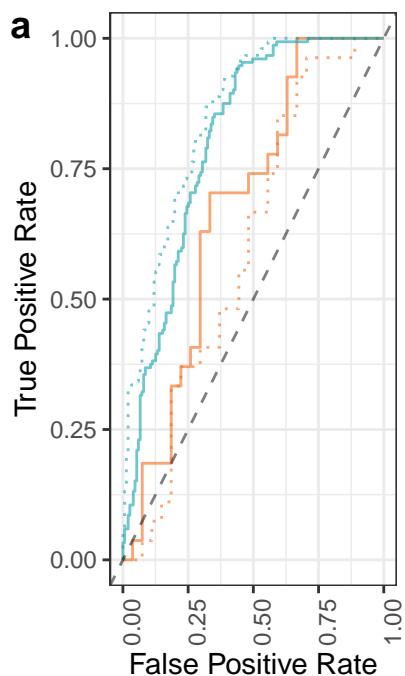
Performance: cc_g2_ph3_neg_high_n_spots_h2ax_mean



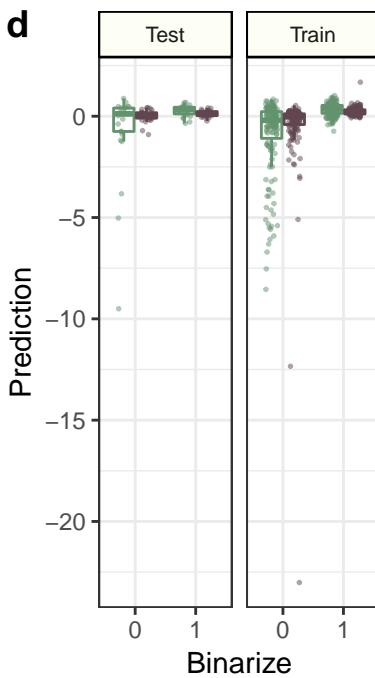
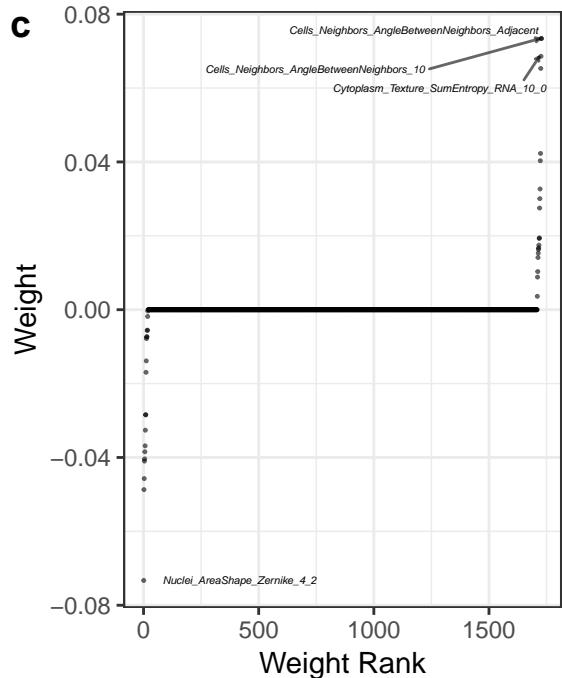
	auroc	aupr	fit	shuffle	n
Train	0.80	0.81	True	False	151
Test	0.71	0.71	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.61	0.61	Test	True	151



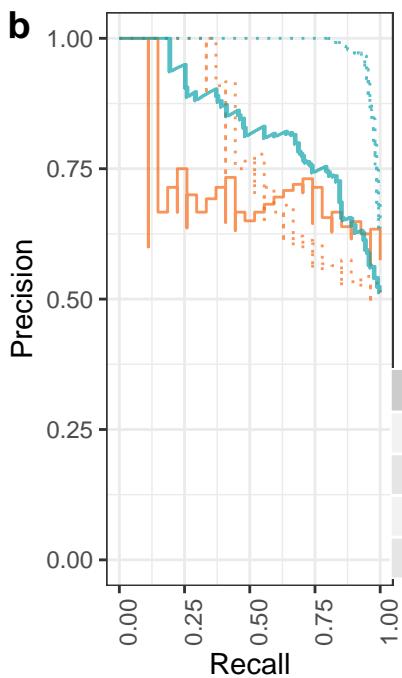
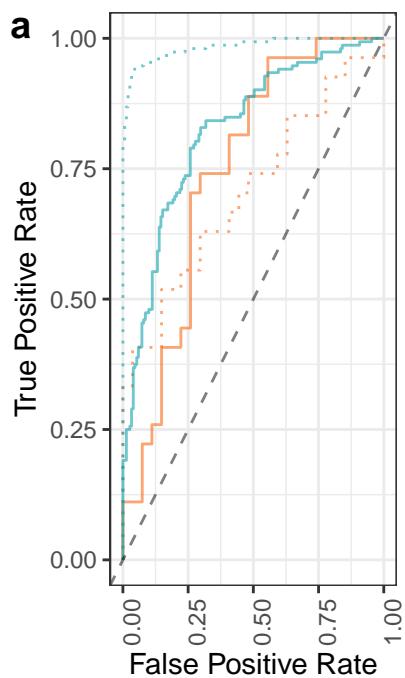
Performance: cc_g2_ph3_neg_n_objects



	auroc	aupr	fit	shuffle	n
Train	0.80	0.75	True	False	151
Test	0.67	0.61	Test	False	151
Train	0.85	0.83	Train	True	151
Test	0.60	0.55	Test	True	151



Performance: cc_g2_ph3_neg_n_spots_mean



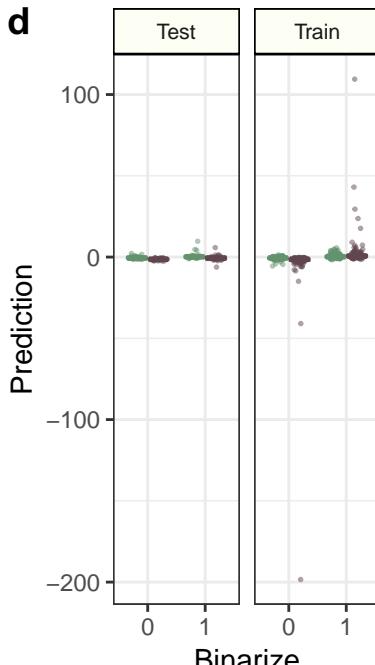
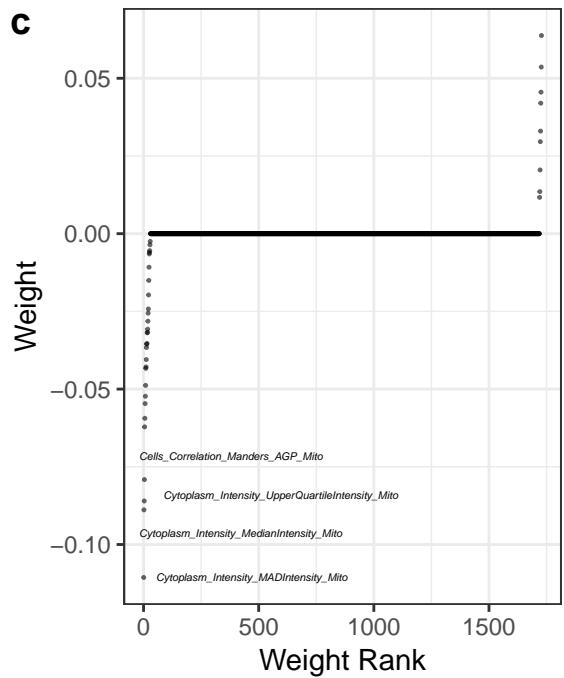
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.82	0.83	True	False	151
Test	0.74	0.72	Test	False	151
Train	0.98	0.99	Train	True	151
Test	0.71	0.77	Test	True	151

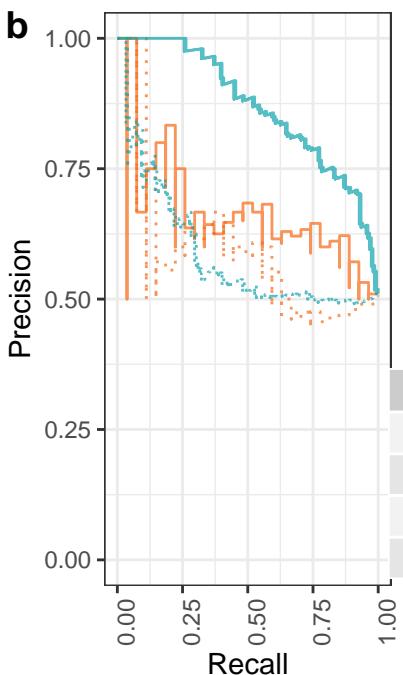
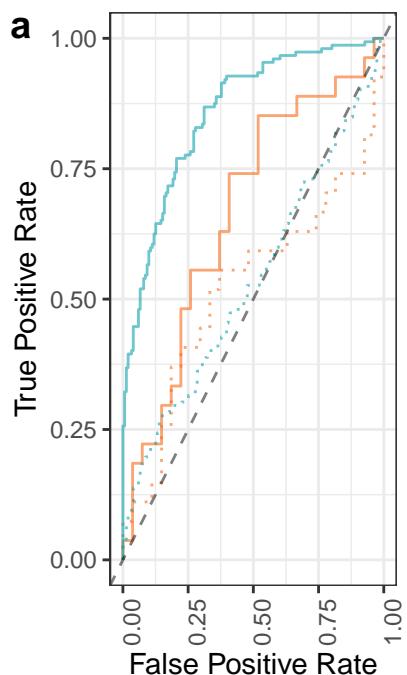


Shuffled

False

True

Performance: cc_g2_ph3_neg_n_spots_per_nucleus_area_mean



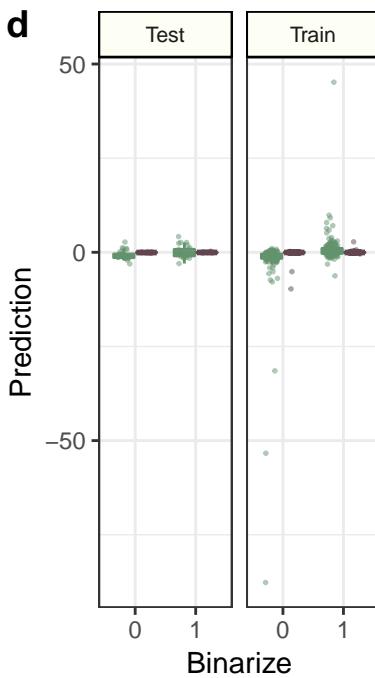
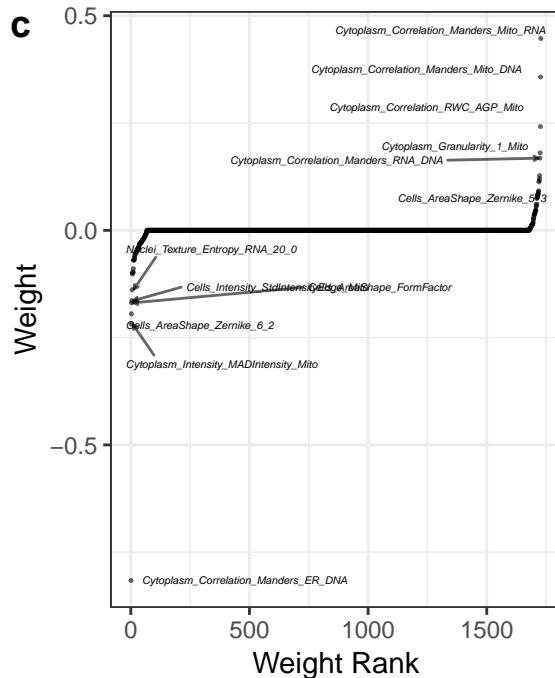
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.86	0.87	True	False	151
Test	0.67	0.66	Test	False	151
Train	0.53	0.59	Train	True	151
Test	0.52	0.59	Test	True	151

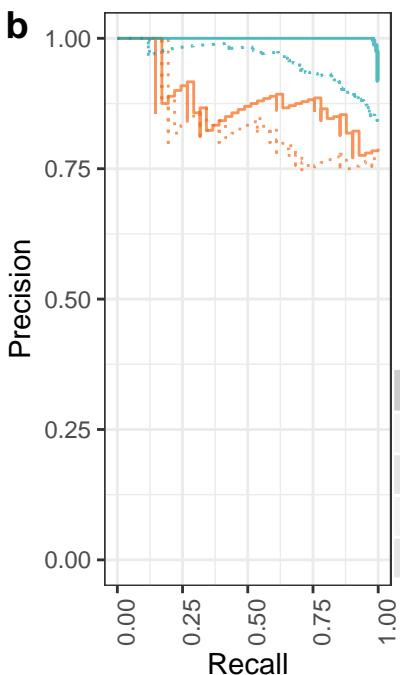
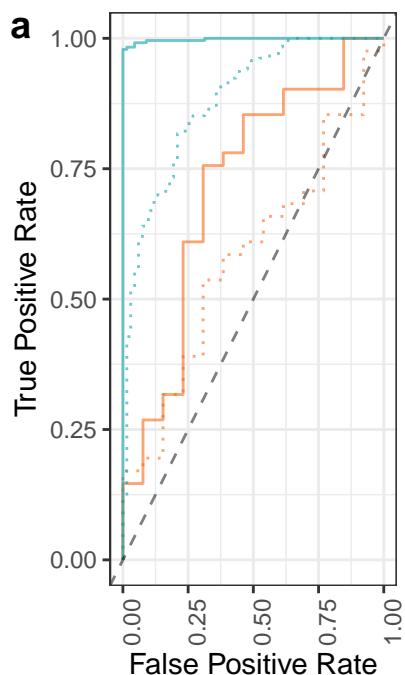


Shuffled

False

True

Performance: cc_g2_ph3_pos_high_n_spots_h2ax_mean



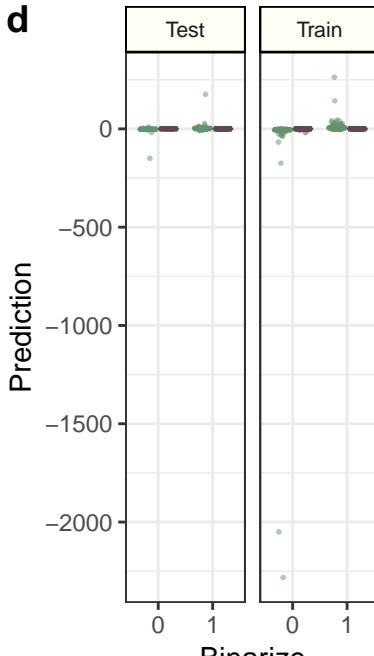
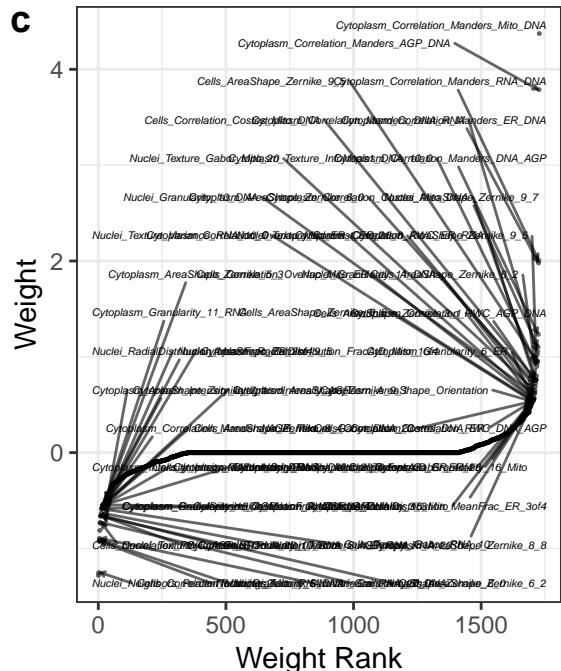
Test
Train

Shuffled Data

Real

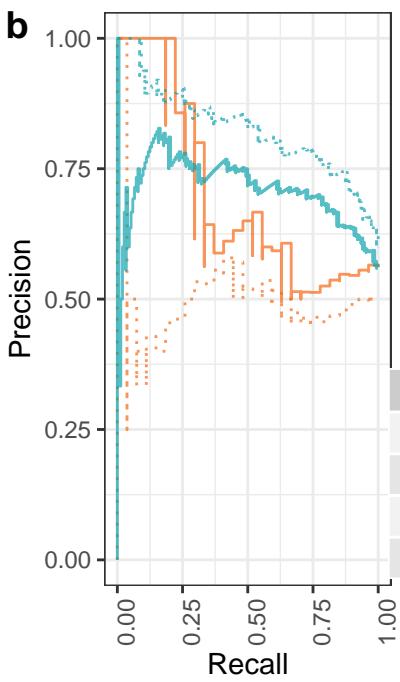
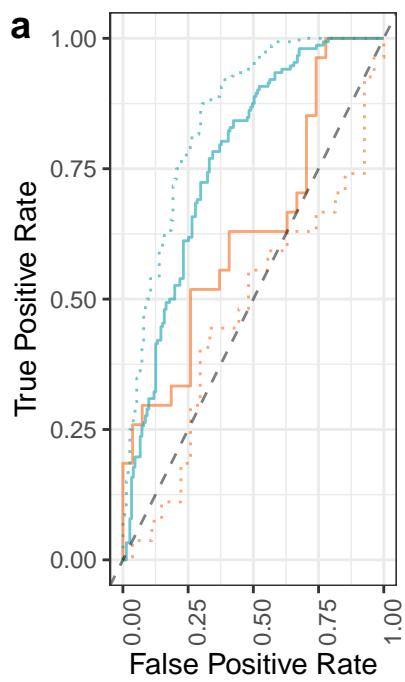
Shuffled

auroc	aupr	fit	shuffle	n
1.00	1.00	Train	False	67
0.71	0.88	Test	False	67
0.88	0.96	Train	True	67
0.58	0.84	Test	True	67



Shuffled
False
True

Performance: cc_g2_ph3_pos_n_objects



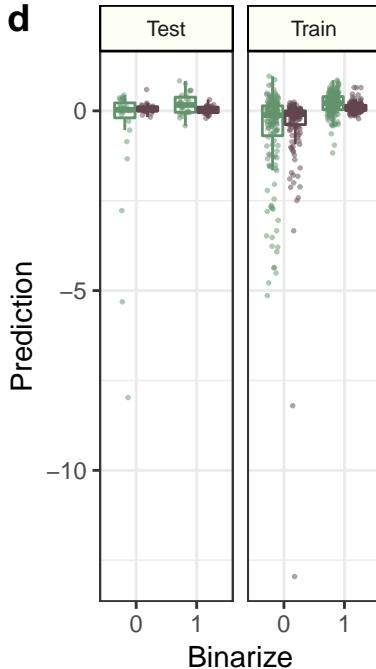
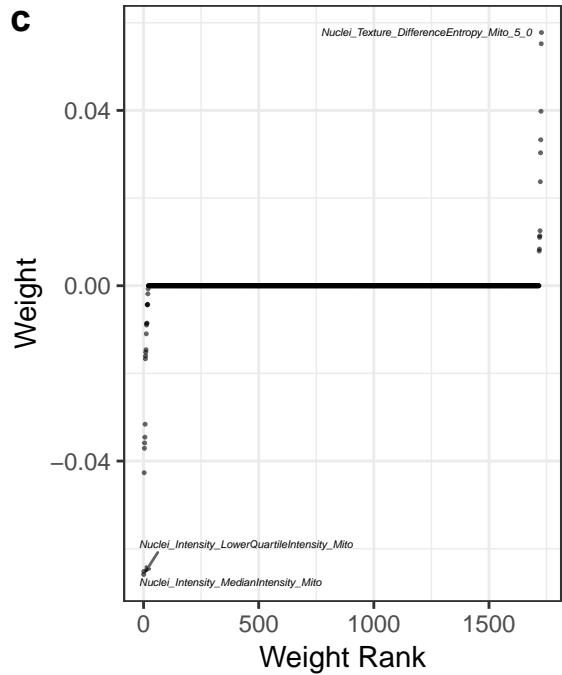
Test
Train

Shuffled Data

Real

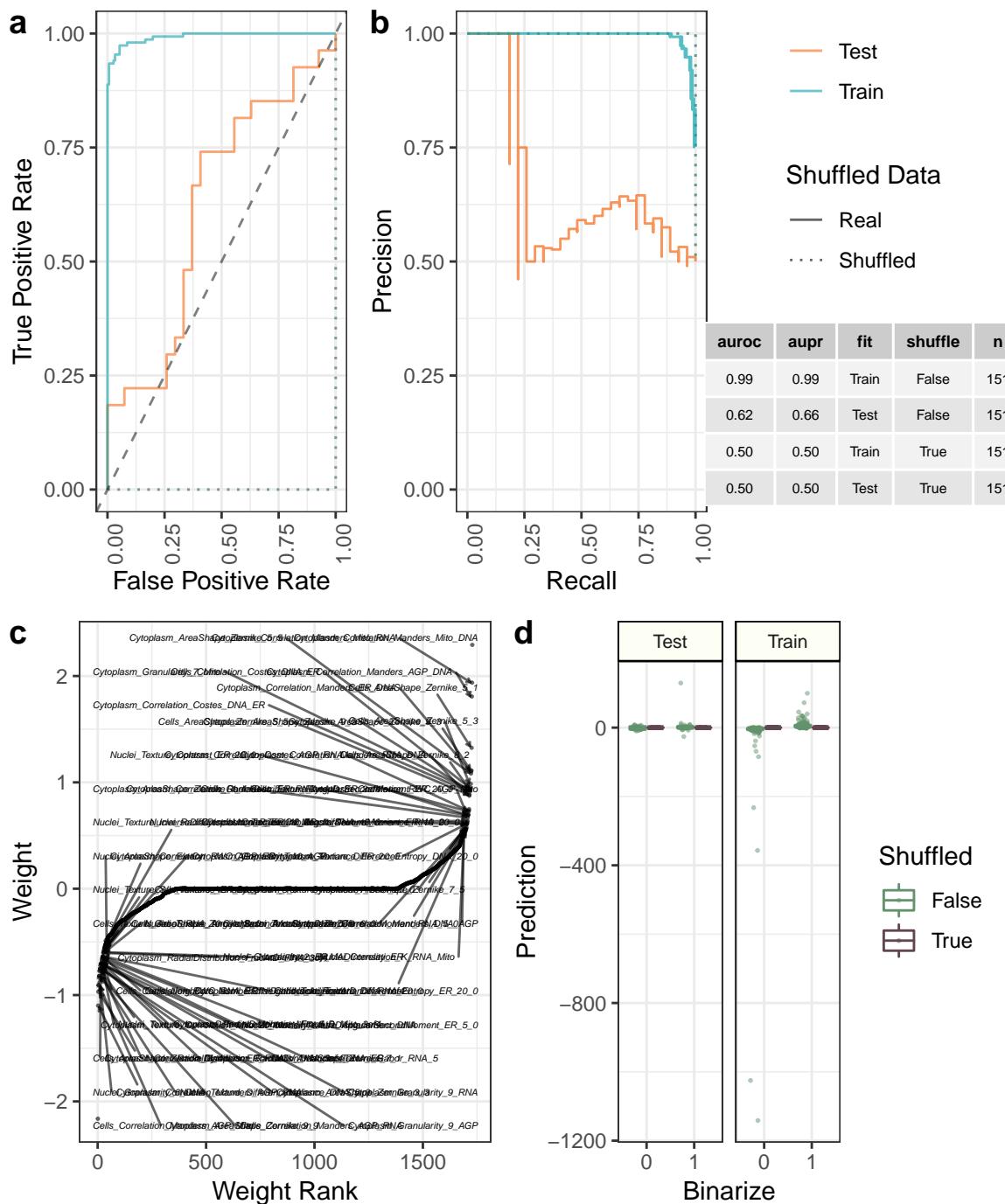
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.77	0.71	True	False	151
Test	0.63	0.69	Test	False	151
Train	0.85	0.83	Train	True	151
Test	0.47	0.49	Test	True	151

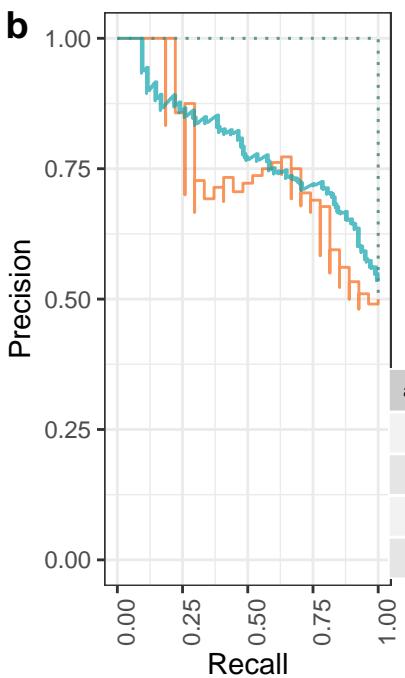
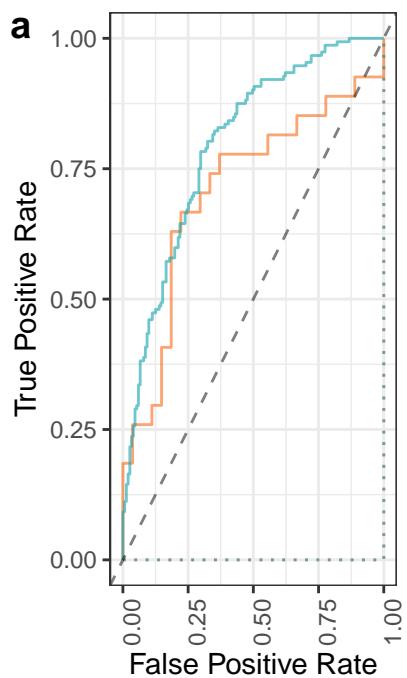


Shuffled
False
True

Performance: cc_g2_ph3_pos_n_spots_mean



Performance: cc_g2_ph3_pos_n_spots_per_nucleus_area_mean



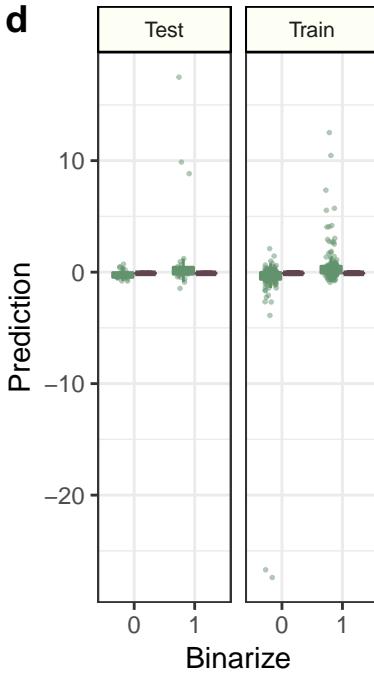
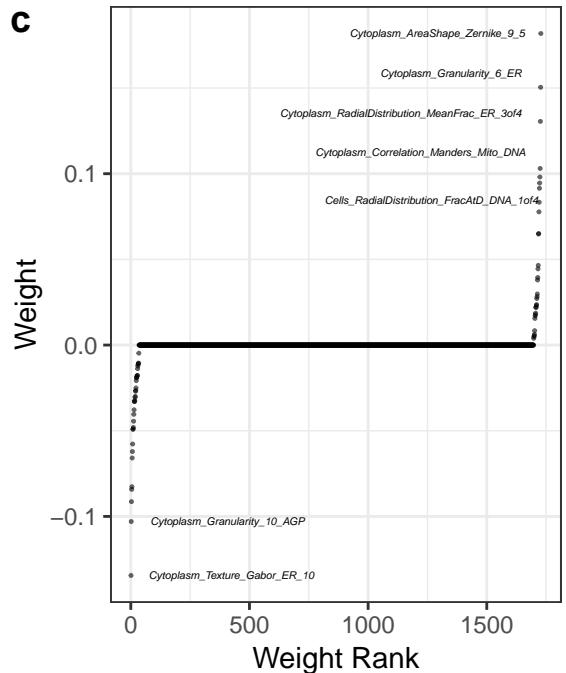
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.80	0.79	True	False	151
Test	0.71	0.74	Test	False	151
Train	0.50	0.50	Train	True	151
Test	0.50	0.50	Test	True	151

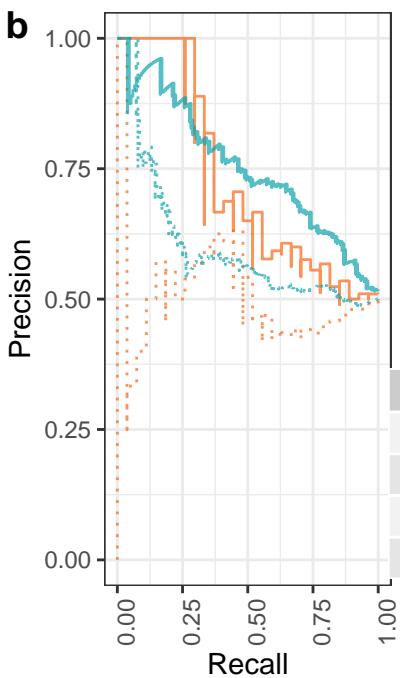
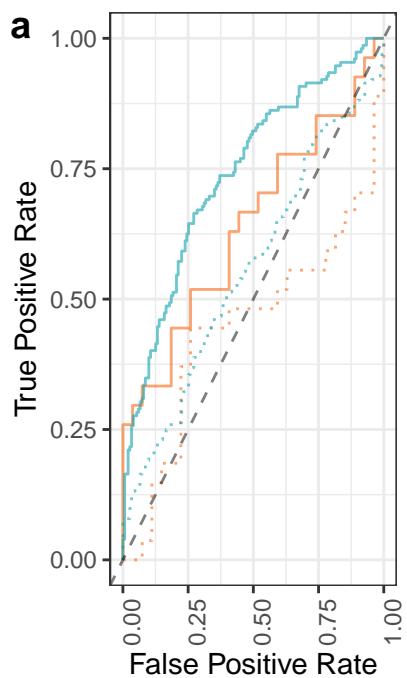


Shuffled

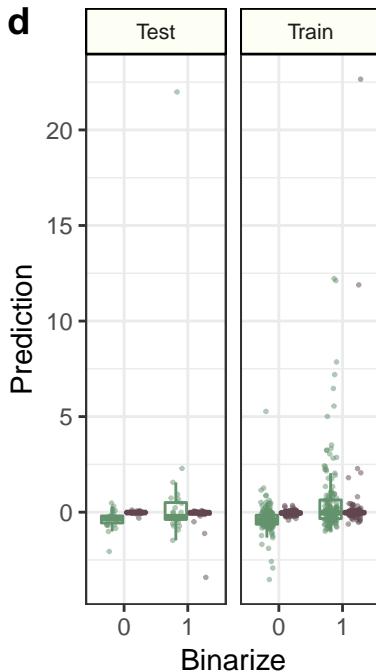
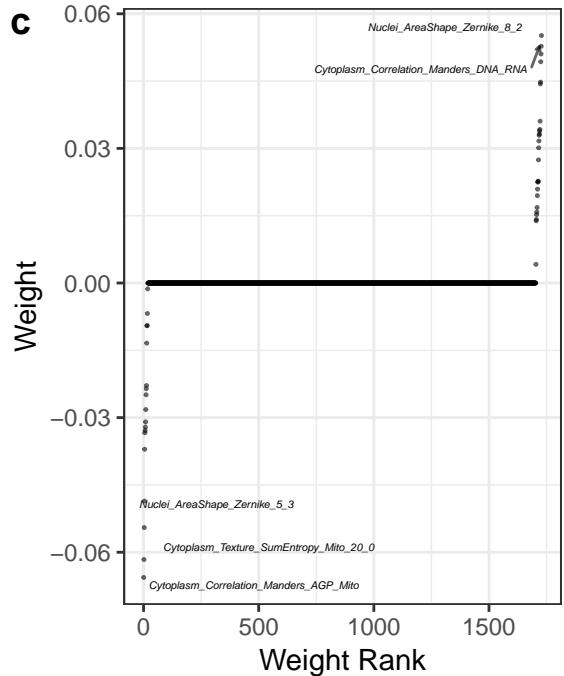
False

True

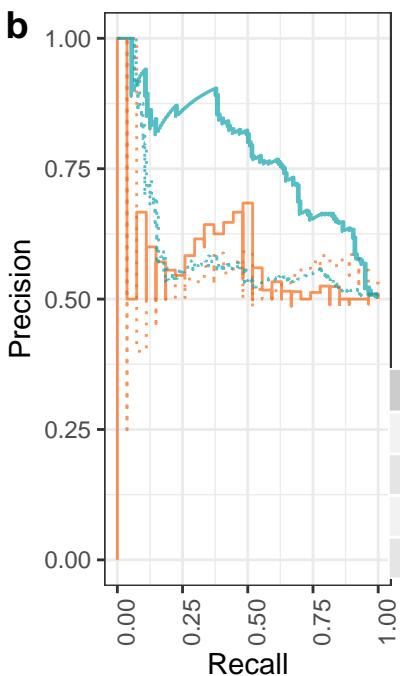
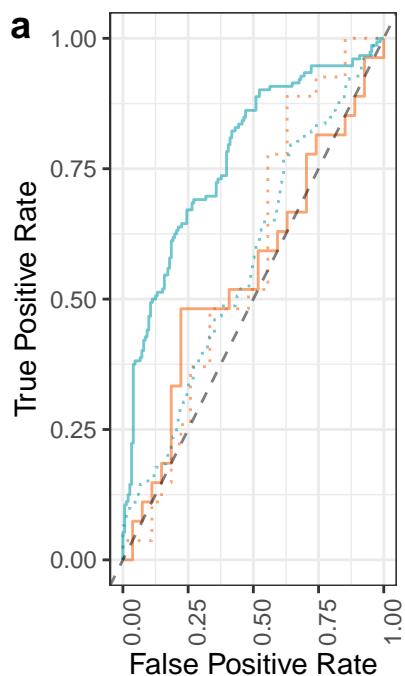
Performance: cc_g2_plus_all_m



auroc	aupr	fit	shuffle	n
0.74	0.75	Train	False	151
0.64	0.71	Test	False	151
0.56	0.60	Train	True	151
0.45	0.50	Test	True	151



Performance: cc_infection_percentage

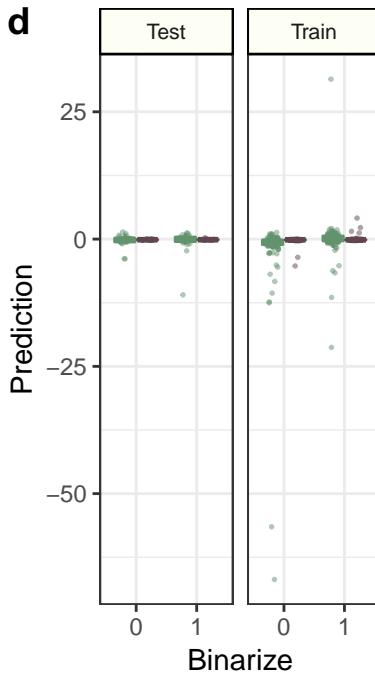
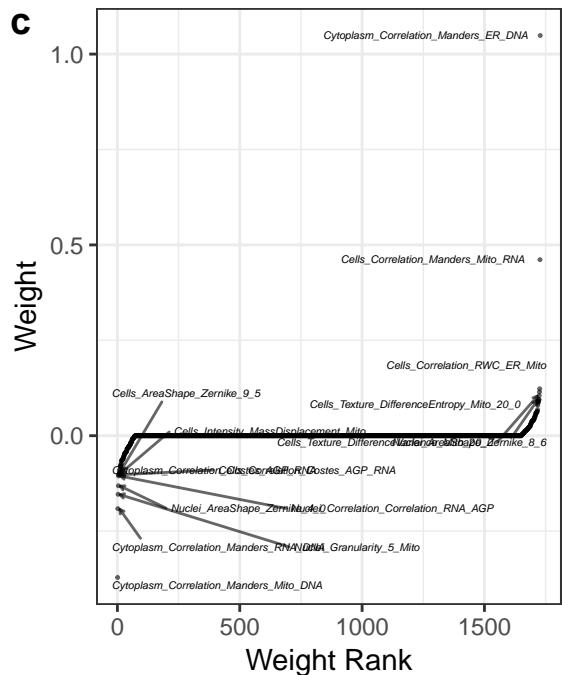


Shuffled Data

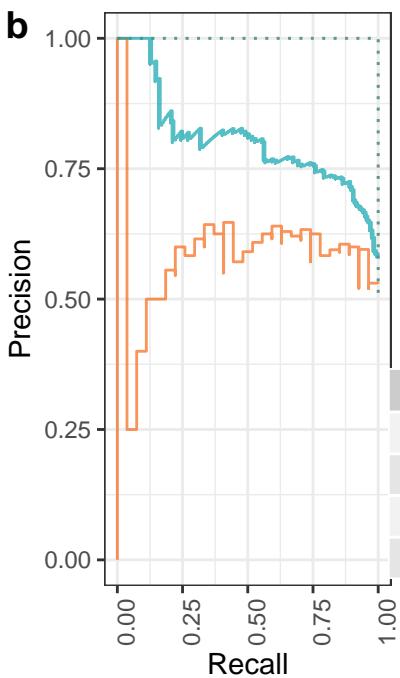
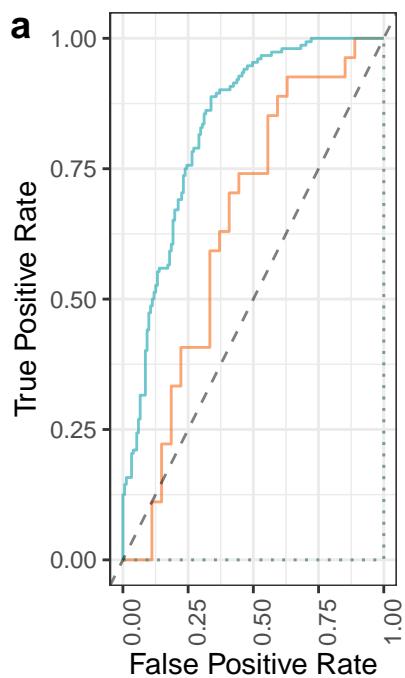
Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.77	0.78	Train	False	151
Train	0.55	0.56	Test	False	151
Real	0.57	0.59	Train	True	151
Shuffled	0.58	0.56	Test	True	151



Performance: cc_mitosis_ph3_neg_n_objects



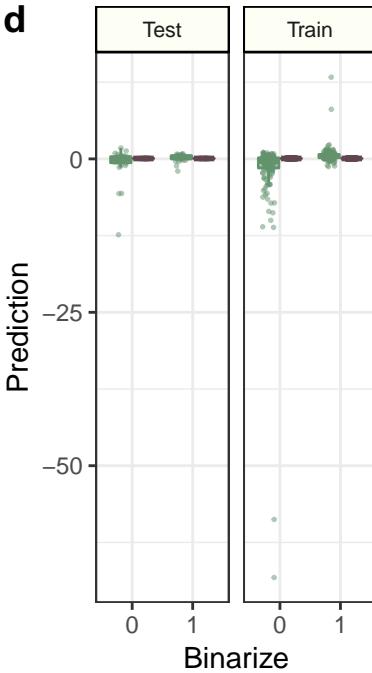
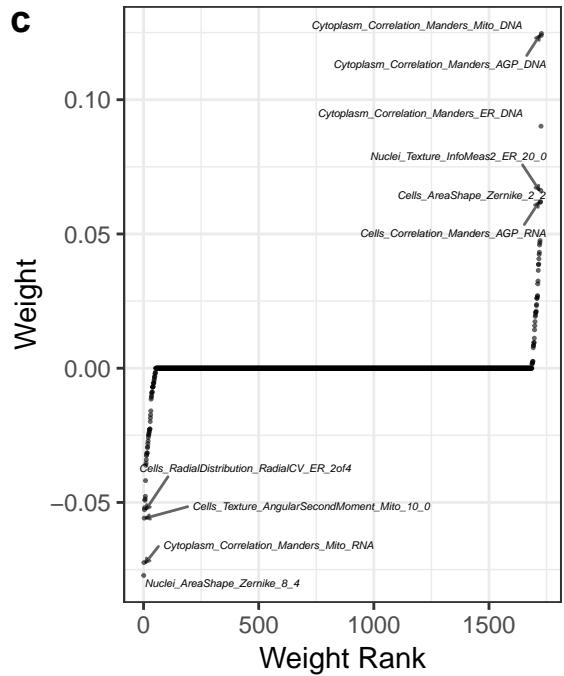
Test
Train

Shuffled Data

Real

Shuffled

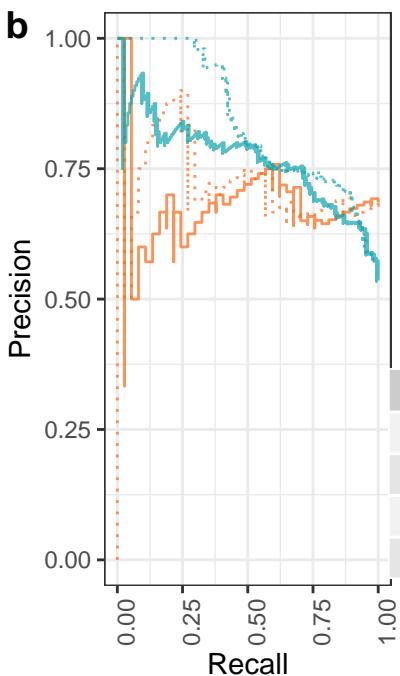
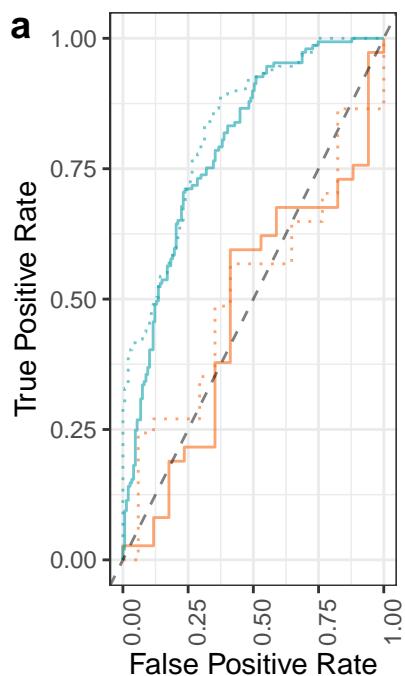
	auroc	aupr	fit	shuffle	n
0.83	0.81	Train	False	151	
0.64	0.57	Test	False	151	
0.50	0.50	Train	True	151	
0.50	0.50	Test	True	151	



Shuffled

False
True

Performance: cc_mitosis_ph3_neg_n_spots_mean



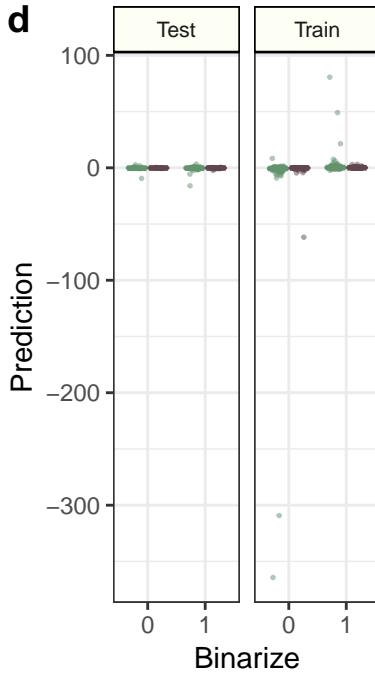
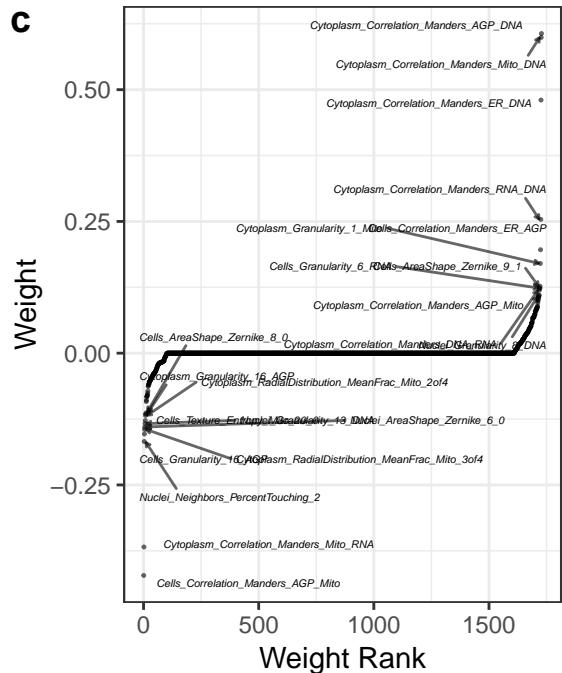
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.79	0.77	True	False	147
Test	0.48	0.68	Test	False	147
Train	0.83	0.84	Train	True	147
Test	0.52	0.72	Test	True	147

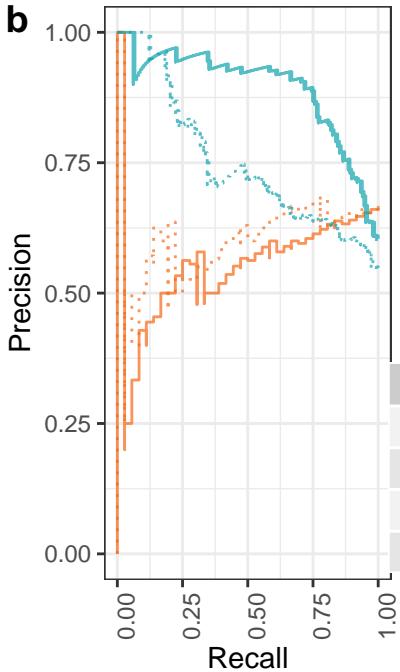
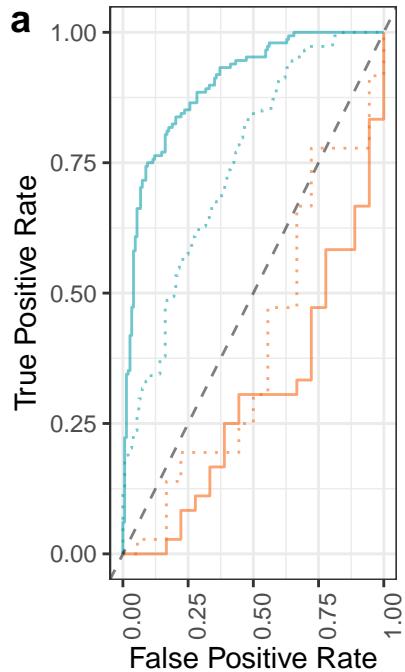


Shuffled

False

True

Performance: cc_mitosis_ph3_neg_n_spots_per_nucleus_area_



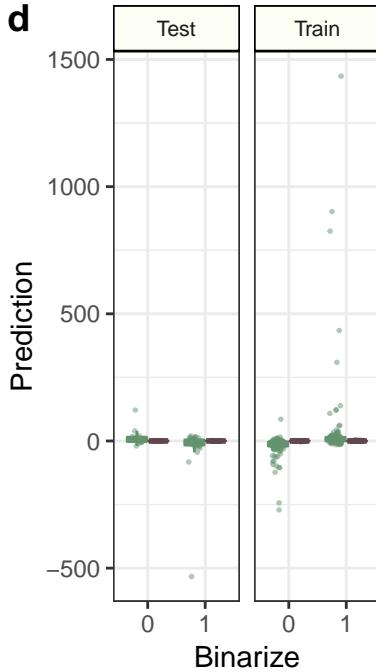
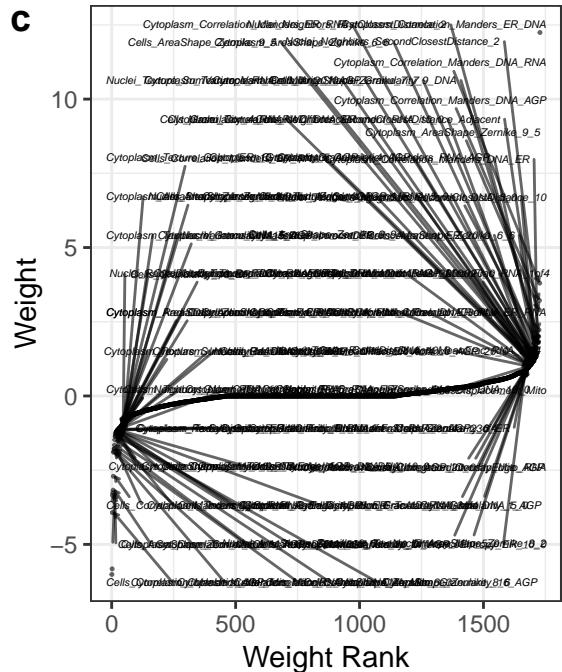
Test
Train

Shuffled Data

Real

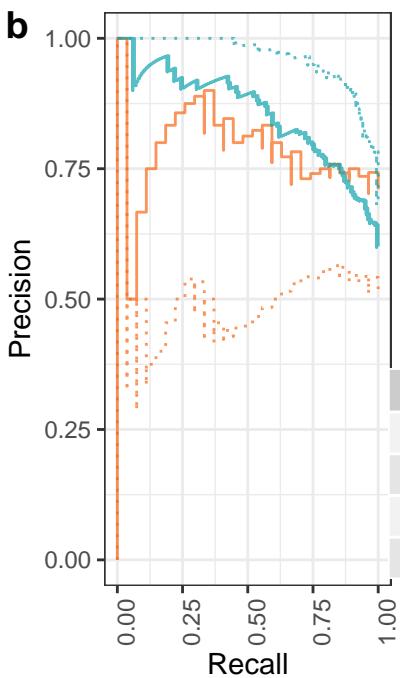
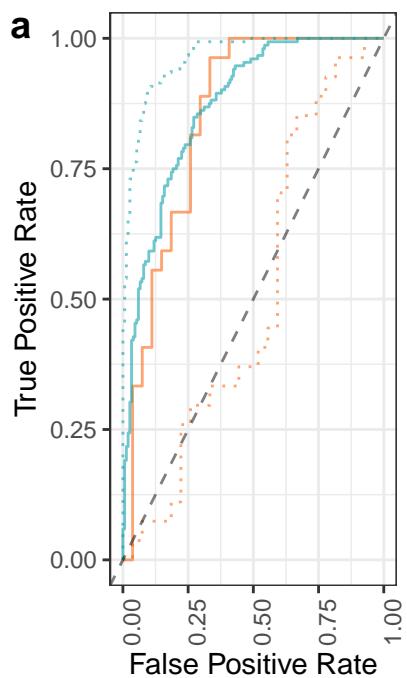
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.90	0.89	True	False	148
Test	0.30	0.56	Test	False	148
Train	0.75	0.75	Train	True	148
Test	0.40	0.61	Test	True	148



Shuffled
False
True

Performance: cc_mitosis_ph3_pos_n_objects



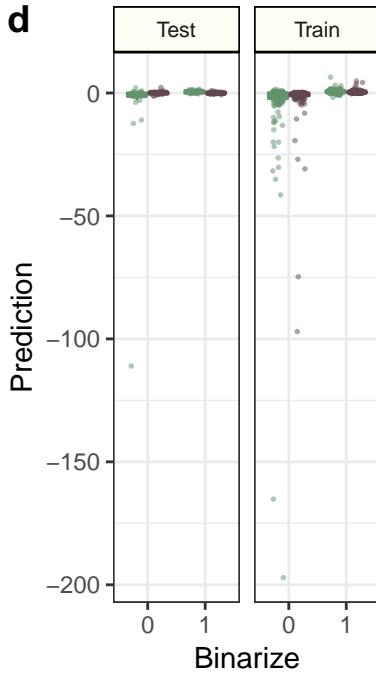
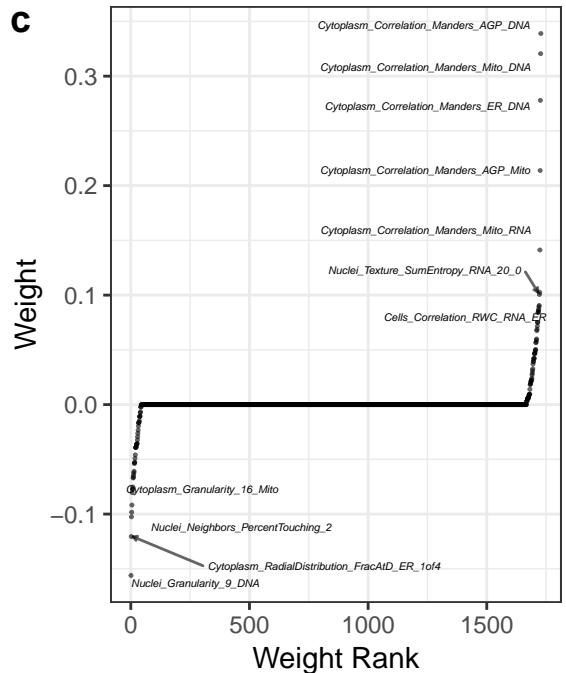
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.87	0.86	Train	False	151
Train	0.85	0.78	Test	False	151
Real	0.96	0.96	Train	True	151
Shuffled	0.51	0.50	Test	True	151

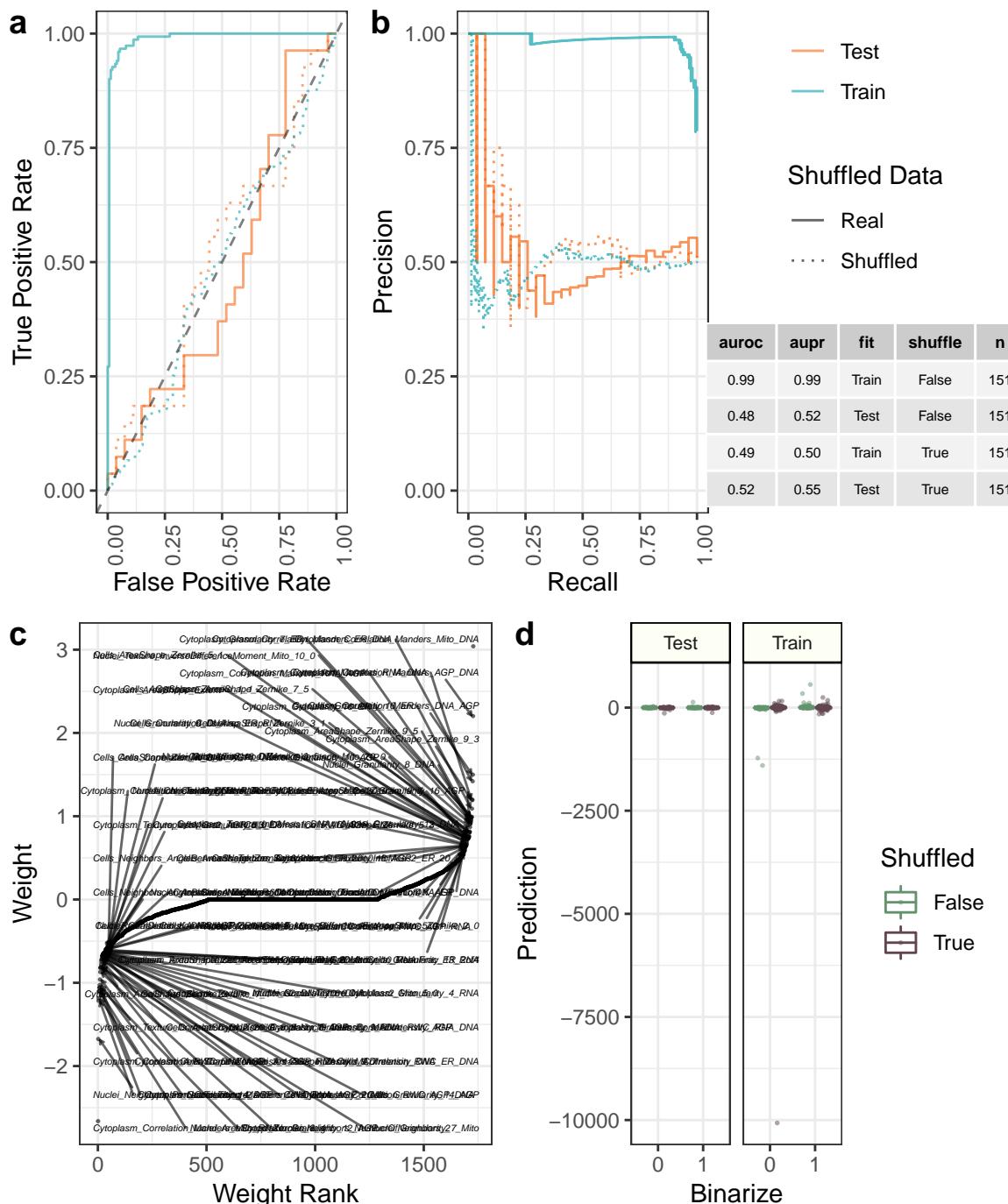


Shuffled

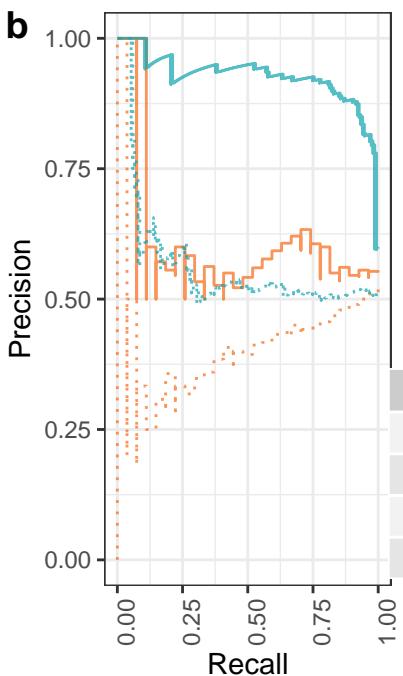
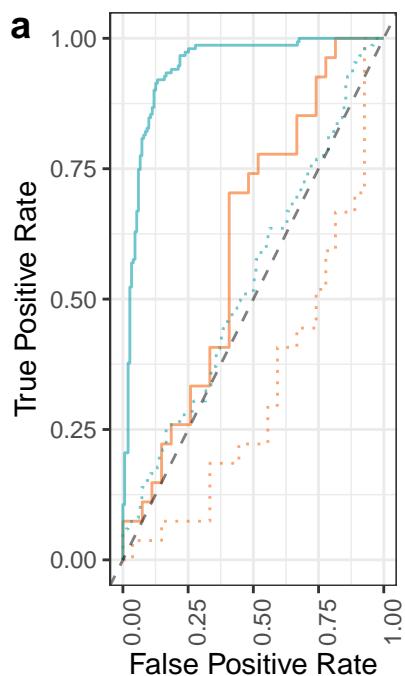
False

True

Performance: cc_mitosis_ph3_pos_n_spots_mean



Performance: cc_mitosis_ph3_pos_n_spots_per_nucleus_area_



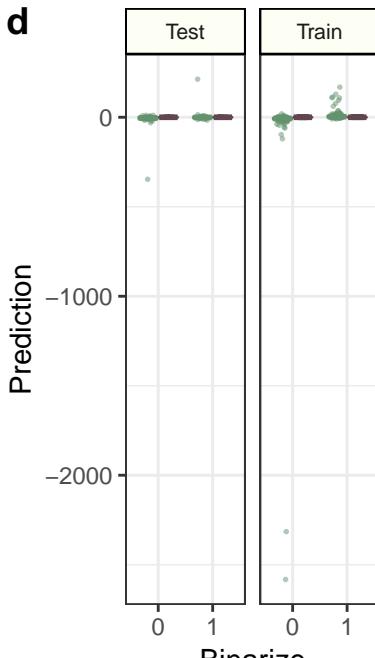
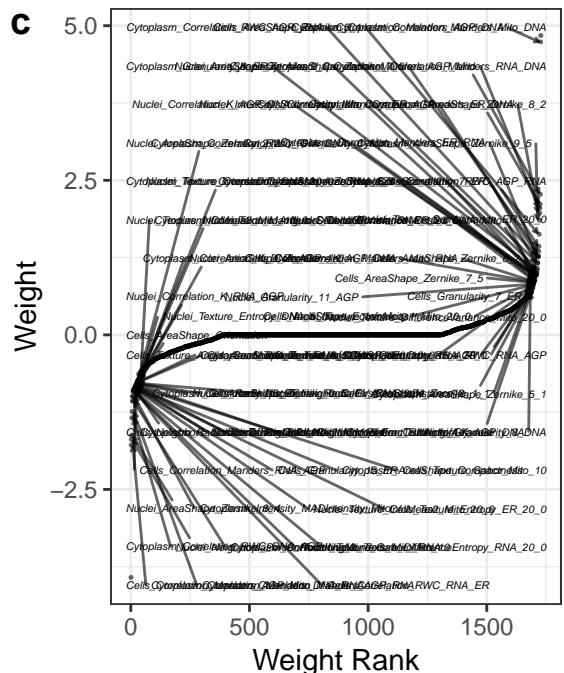
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.94	0.93	True	False	151
Test	0.61	0.60	Test	False	151
Train	0.54	0.56	Train	True	151
Test	0.33	0.41	Test	True	151

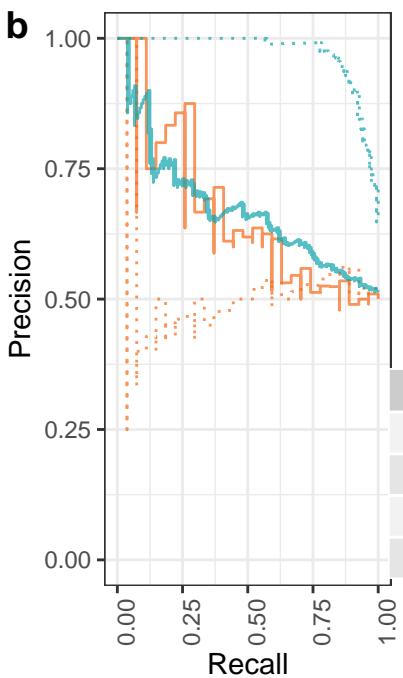
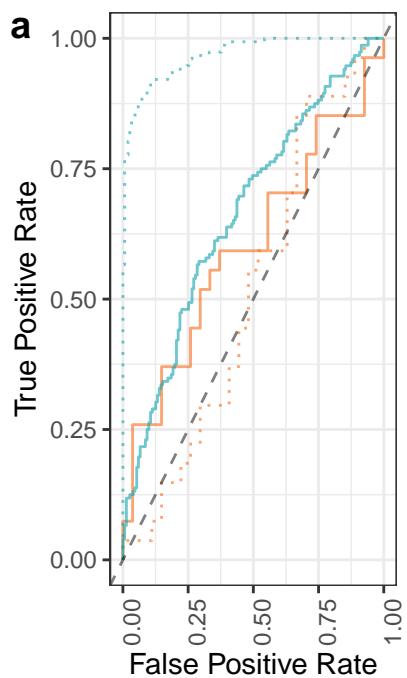


Shuffled

False

True

Performance: cc_polynuclear_high_n_spots_h2ax_mean

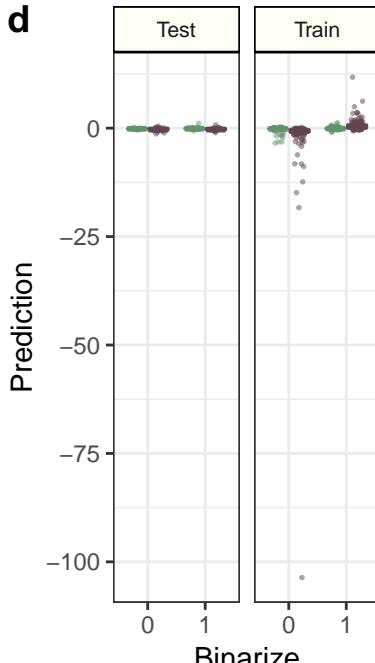
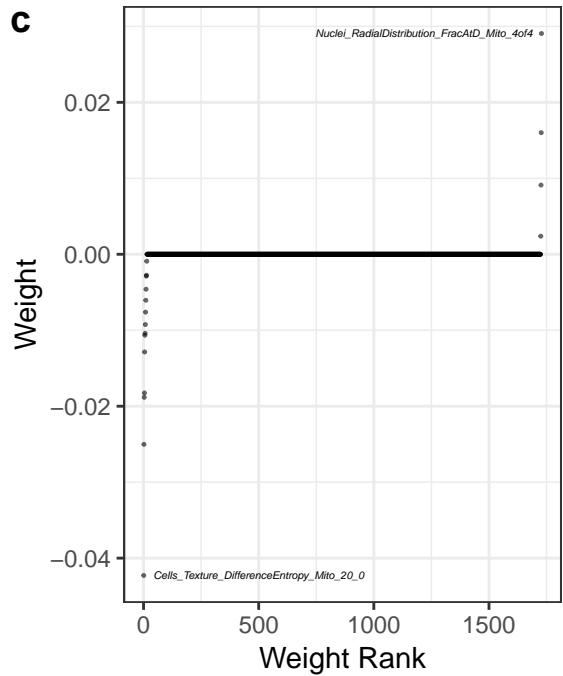


Shuffled Data

Real

Shuffled

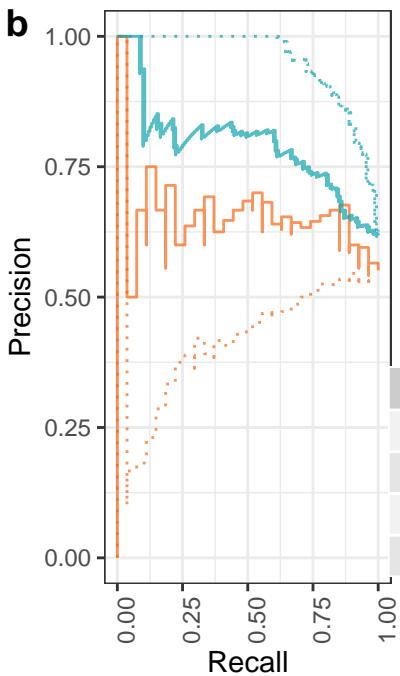
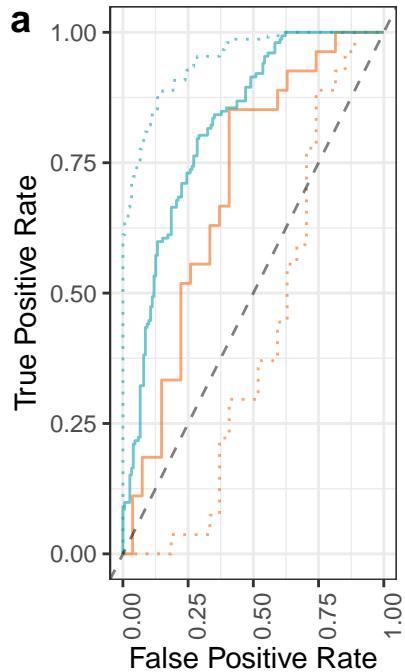
	auroc	aupr	fit	shuffle	n
Test	0.67	0.67	Train	False	151
Train	0.60	0.65	Test	False	151
True	0.97	0.97	Train	True	151
False	0.52	0.52	Test	True	151



Shuffled

- False
- True

Performance: cc_polynuclear_n_objects



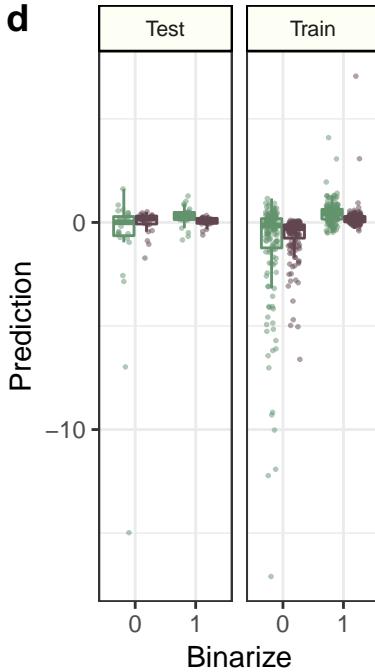
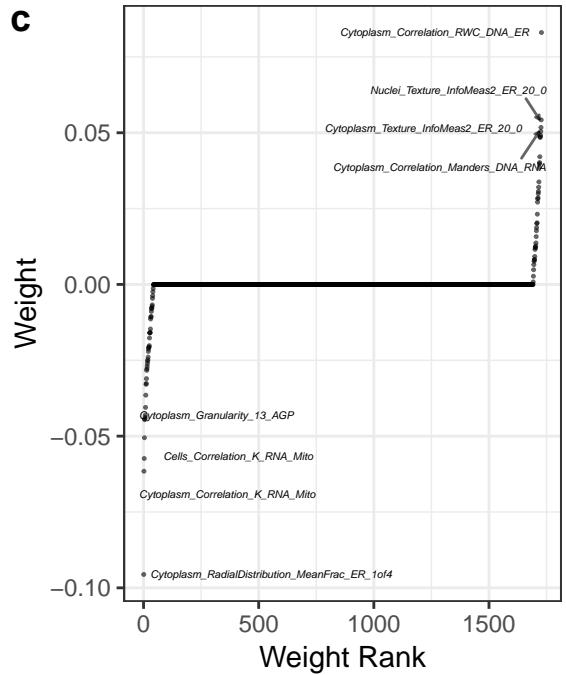
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.82	0.79	True	False	151
Test	0.70	0.65	Test	False	151
Train	0.95	0.95	Train	True	151
Test	0.41	0.43	Test	True	151

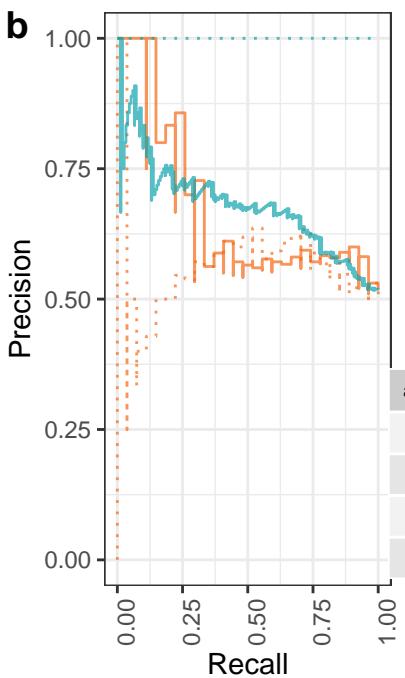
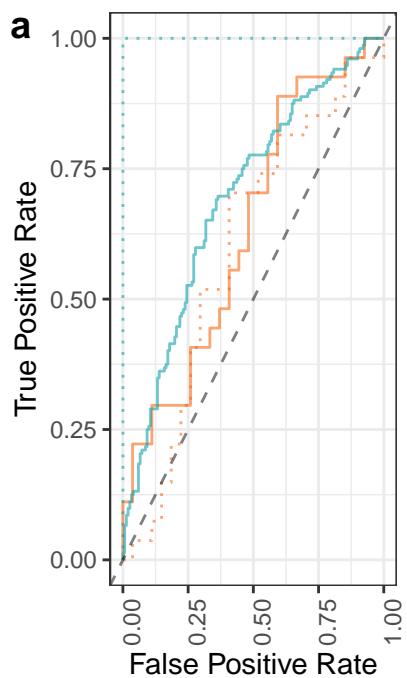


Shuffled

False

True

Performance: cc_polymeric_n_spots_mean



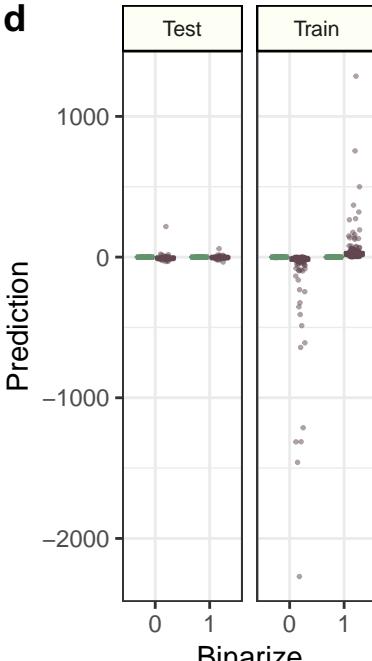
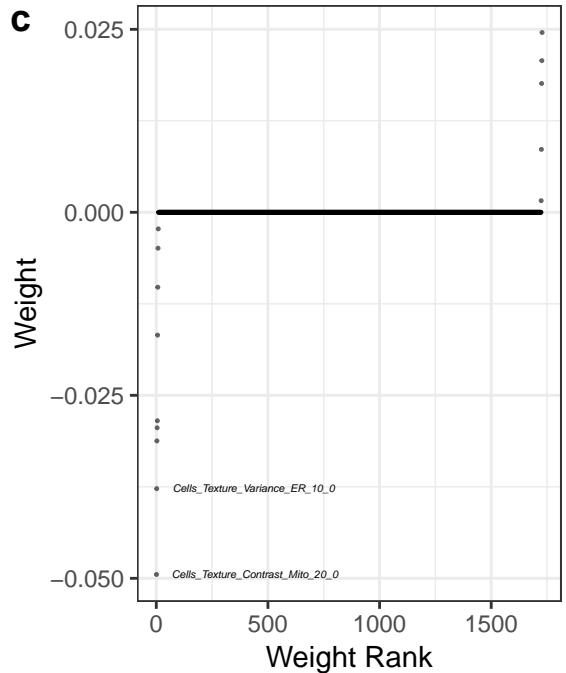
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.69	0.68	Train	False	151
Train	0.64	0.66	Test	False	151
True	1.00	1.00	Train	True	151
False	0.60	0.56	Test	True	151

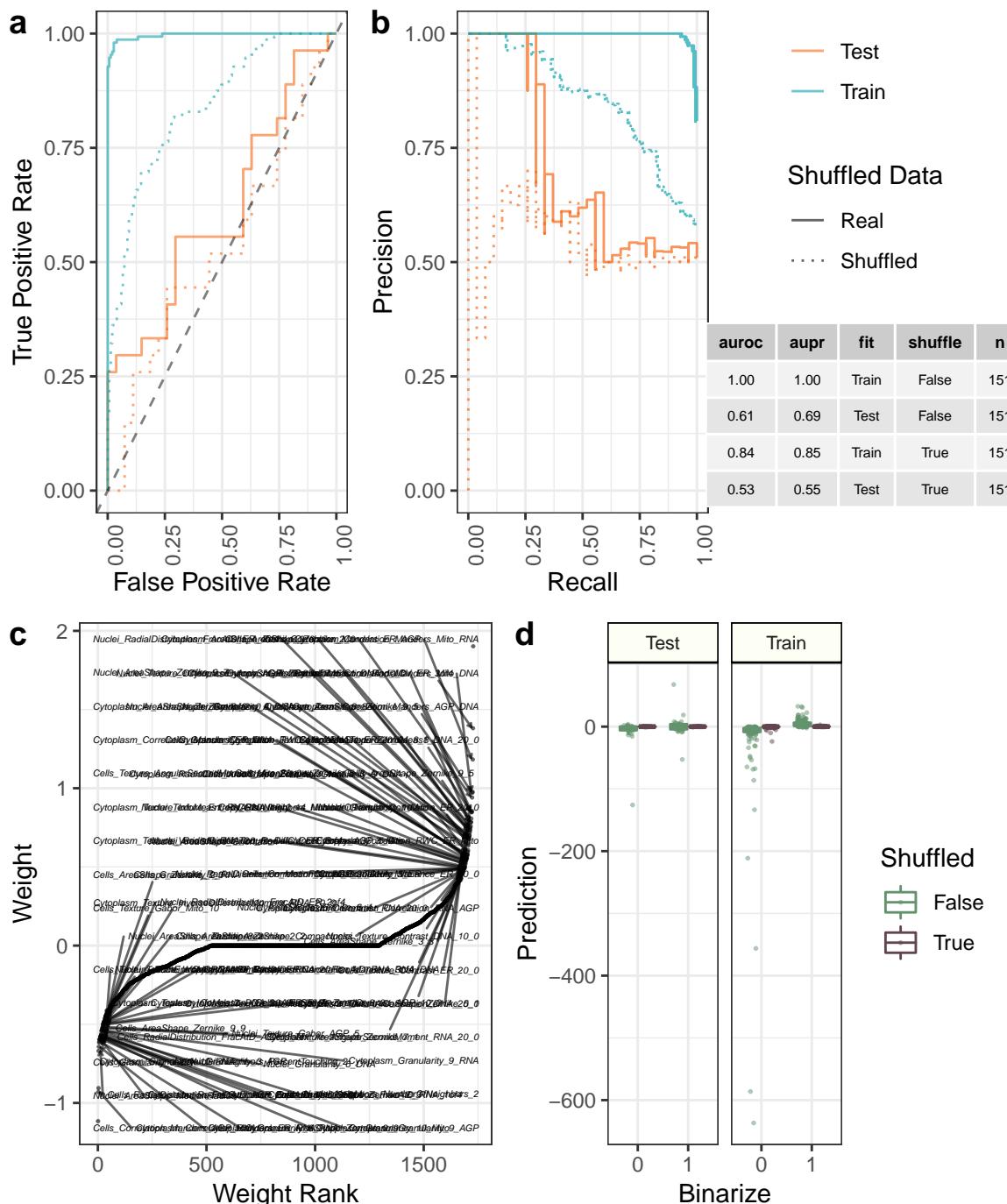


Shuffled

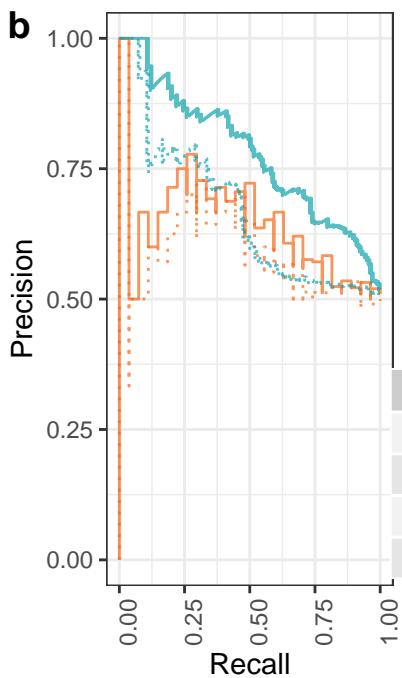
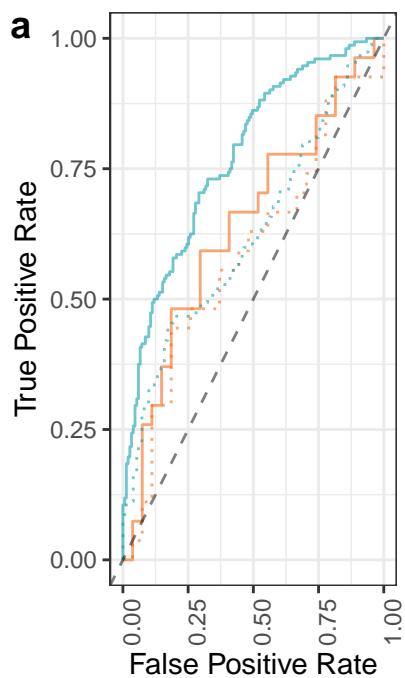
False

True

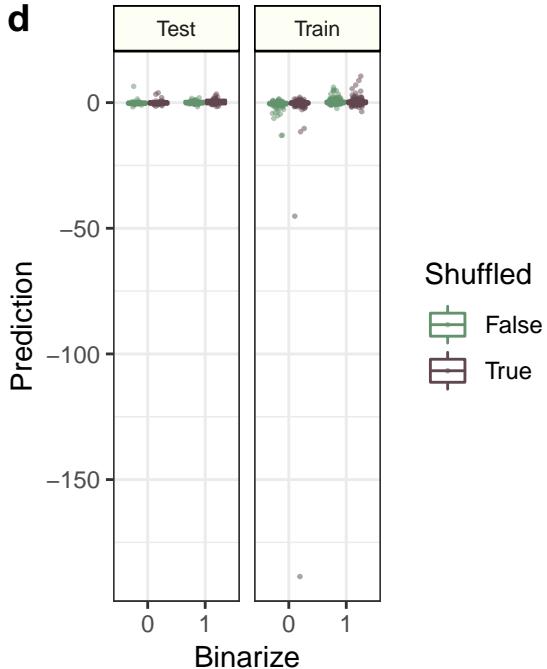
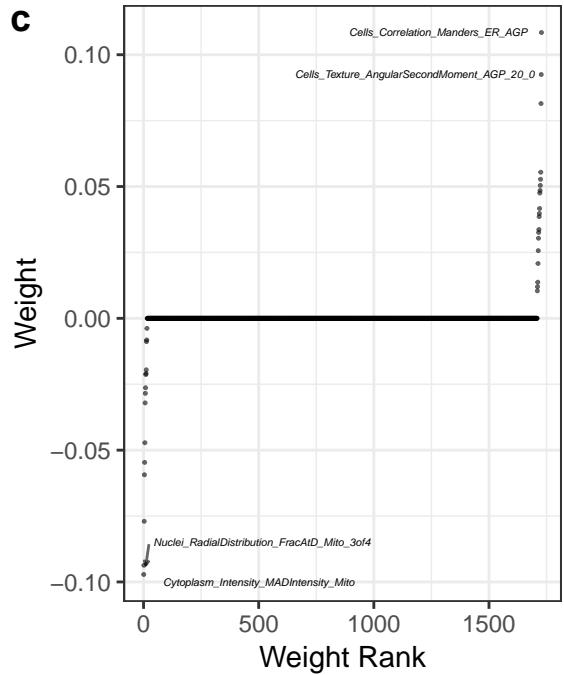
Performance: cc_polynuclear_n_spots_per_nucleus_area_mean



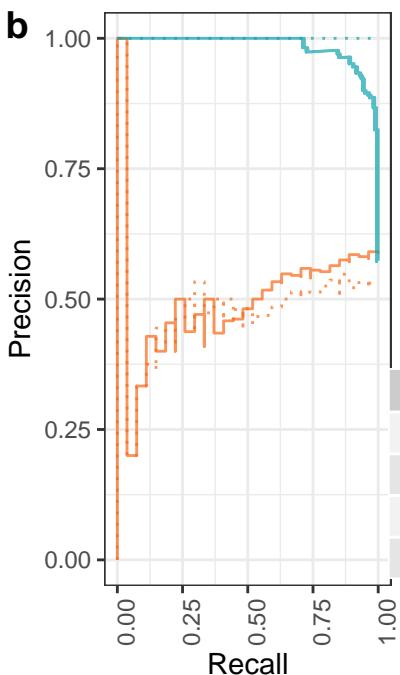
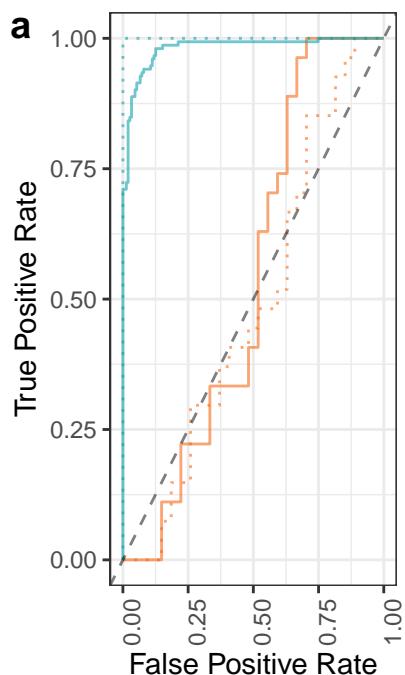
Performance: cc_polyplloid_high_n_spots_h2ax_mean



	auroc	aupr	fit	shuffle	n
Train	0.77	0.78	Train	False	151
Test	0.64	0.63	Test	False	151
Train	0.63	0.67	Train	True	151
Test	0.59	0.58	Test	True	151



Performance: cc_polyplloid_n_objects

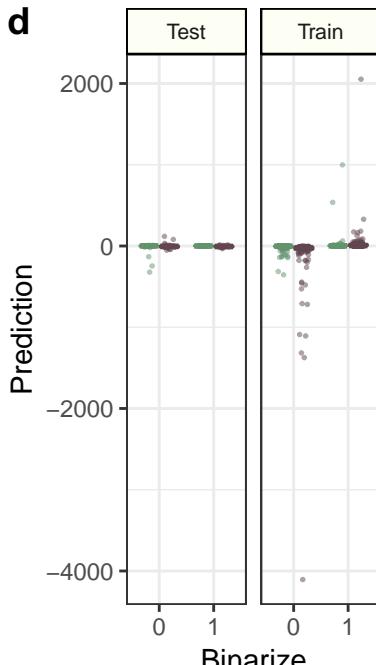
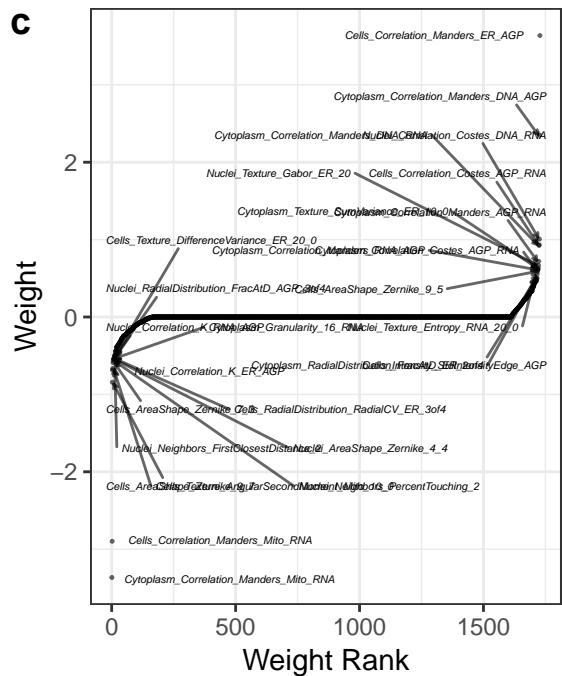


Test
Train

Shuffled Data

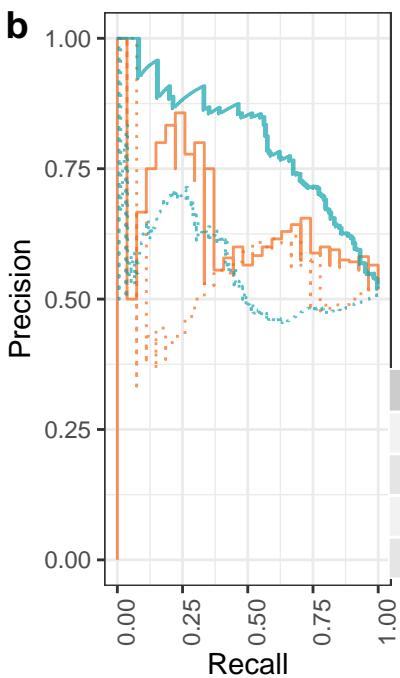
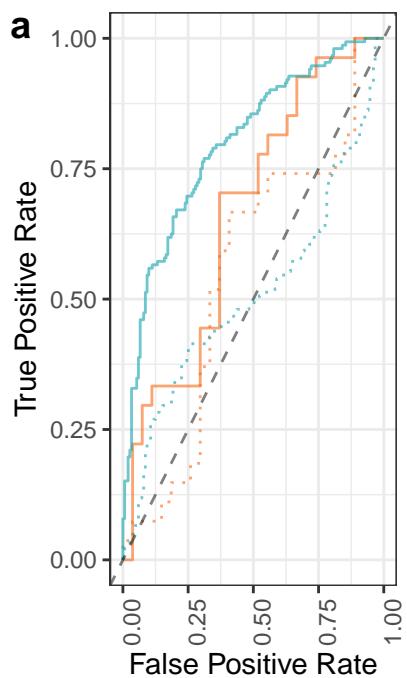
Real
Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.98	0.98	Train	False	151
Train	0.54	0.49	Test	False	151
True	1.00	1.00	Train	True	151
False	0.49	0.48	Test	True	151



Shuffled
False
True

Performance: cc_polyplloid_n_spots_mean

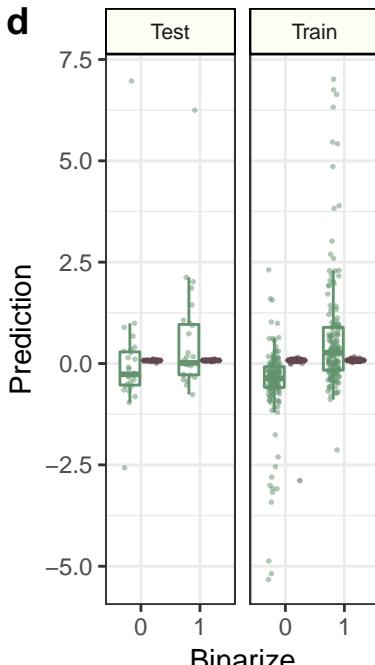
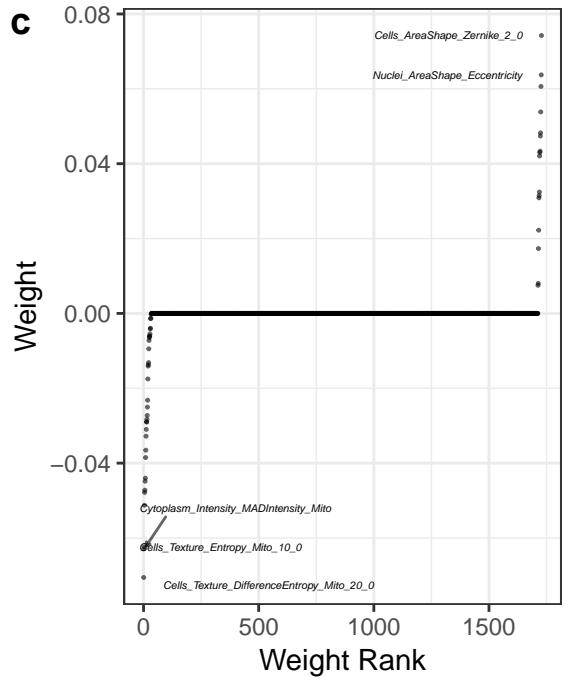


Test
Train

Shuffled Data

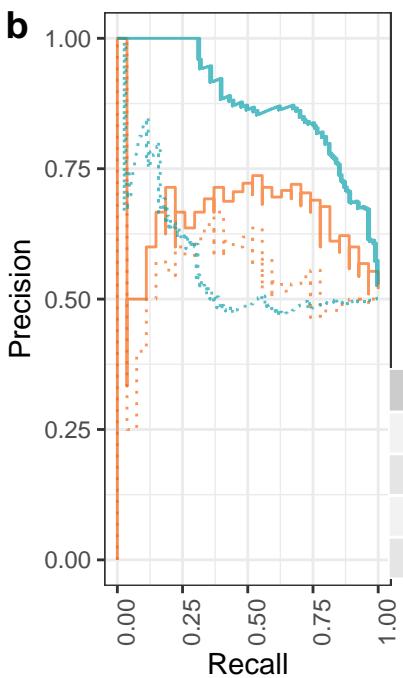
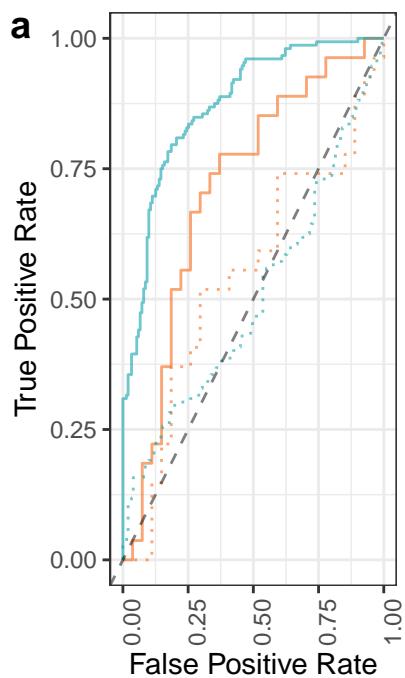
Real
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.80	0.80	True	False	151
Test	0.66	0.64	Test	False	151
Train	0.51	0.56	Train	True	151
Test	0.55	0.55	Test	True	151



Shuffled
False
True

Performance: cc_polyplloid_n_spots_per_nucleus_area_mean



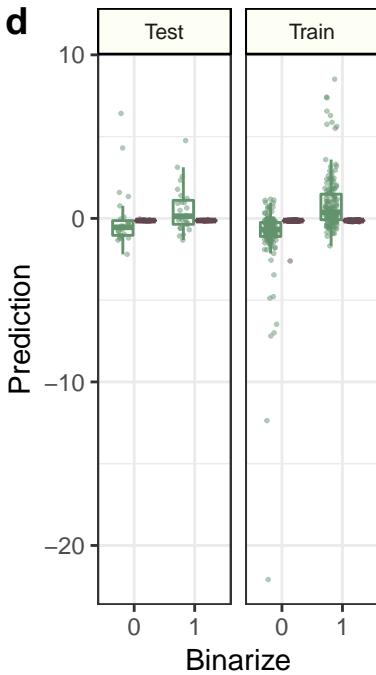
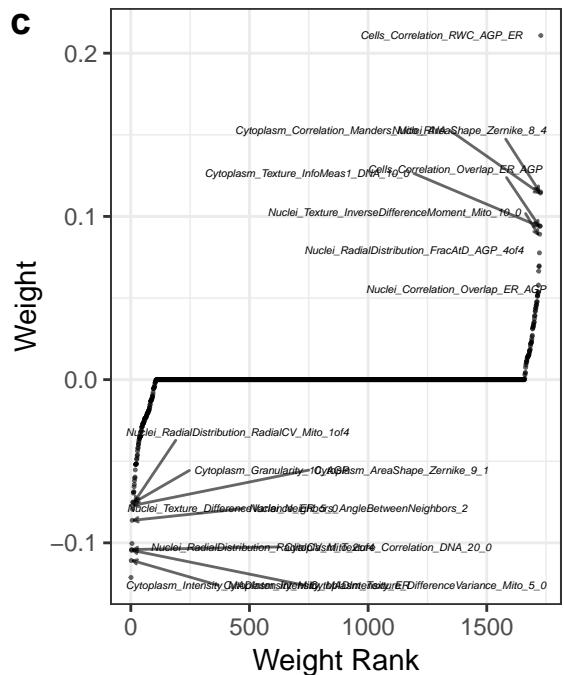
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.87	0.88	Train	False	151
Test	0.71	0.65	Test	False	151
Train	0.50	0.57	Train	True	151
Test	0.54	0.54	Test	True	151

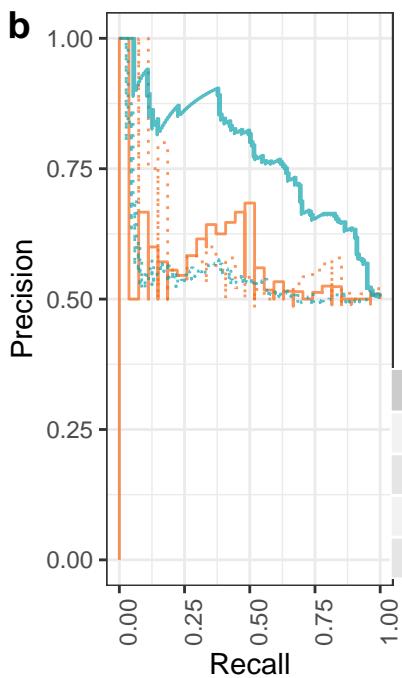
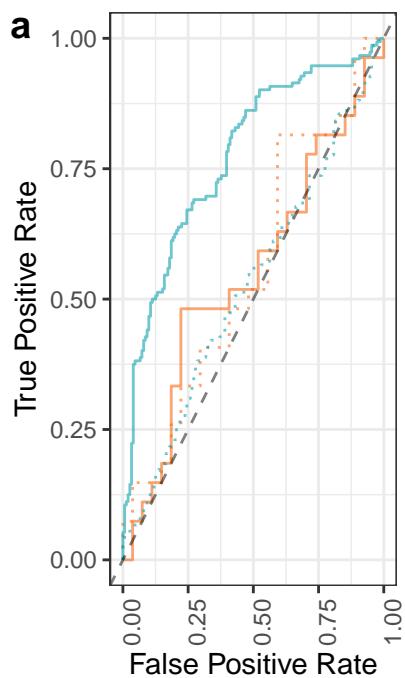


Shuffled

False

True

Performance: vb_infection_percentage

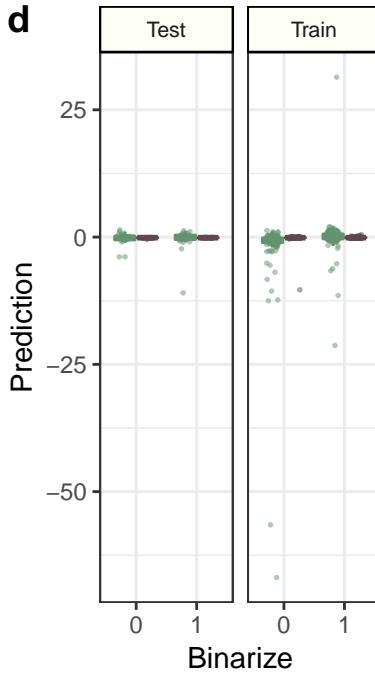
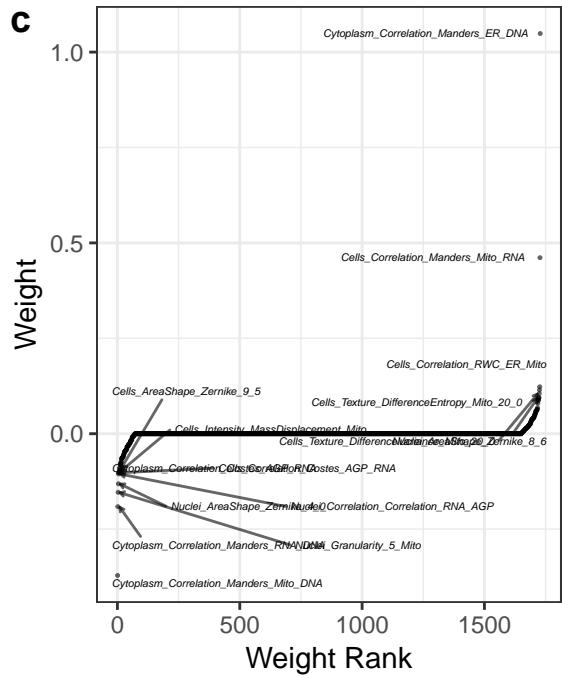


Test
Train

Shuffled Data

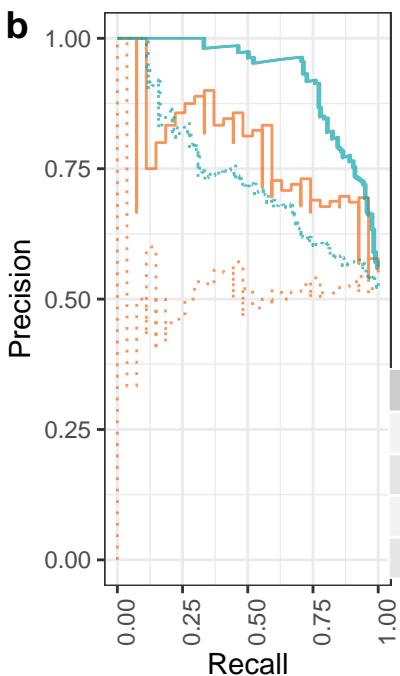
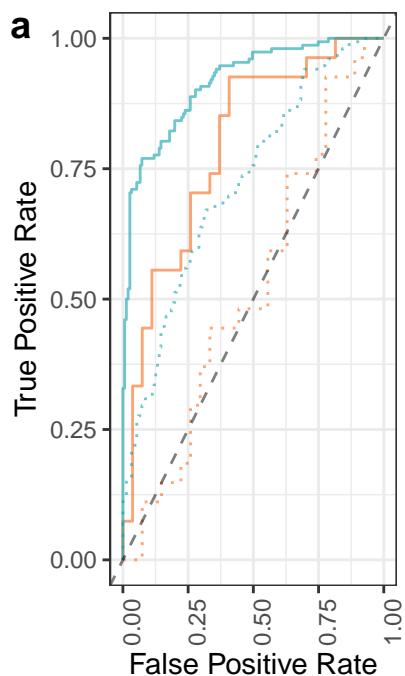
Real
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.77	0.78	True	False	151
Test	0.55	0.56	Test	False	151
Train	0.53	0.55	Train	True	151
Test	0.56	0.59	Test	True	151



Shuffled
False
True

Performance: vb_live_cell_area



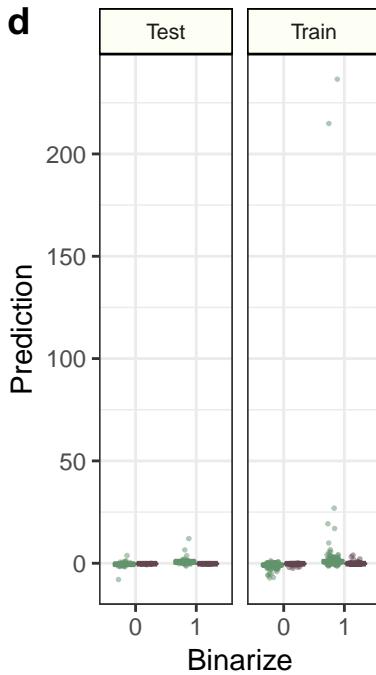
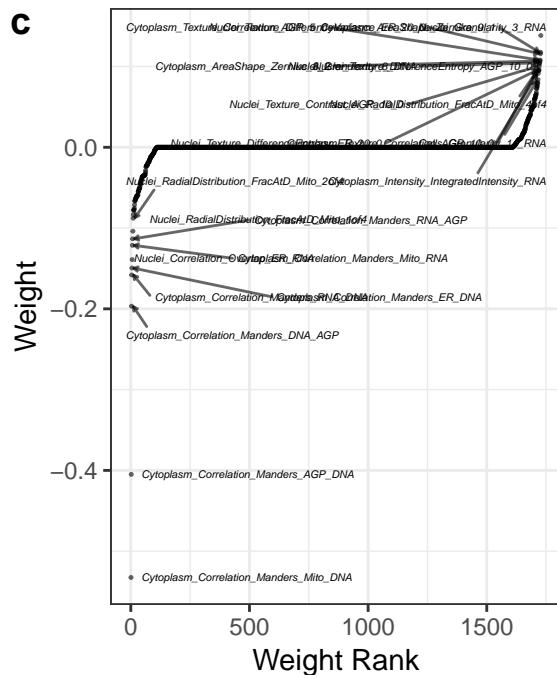
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.92	0.93	Train	False	151
Train	0.79	0.78	Test	False	151
True	0.72	0.73	Train	True	151
False	0.52	0.51	Test	True	151

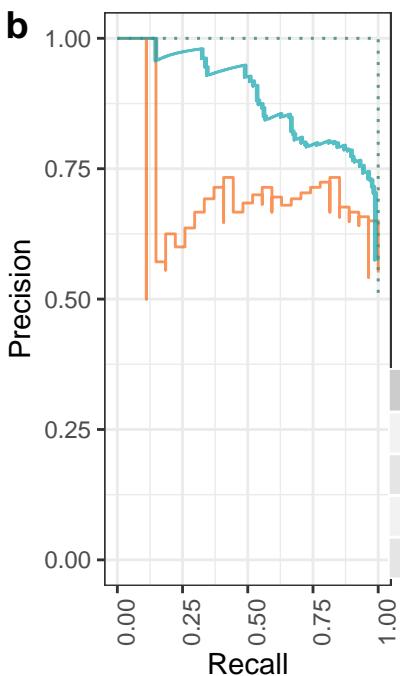
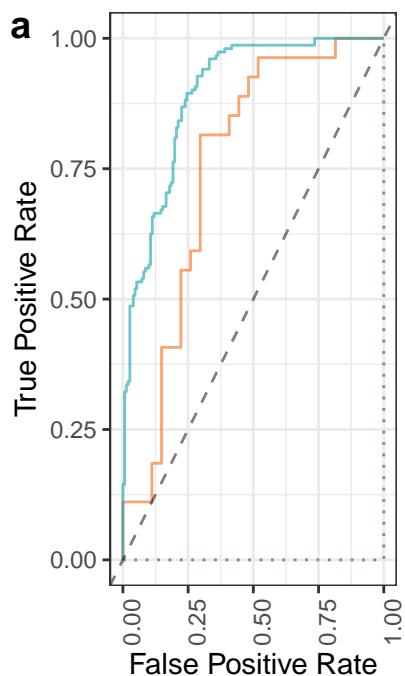


Shuffled

False

True

Performance: vb_live_cell_roundness



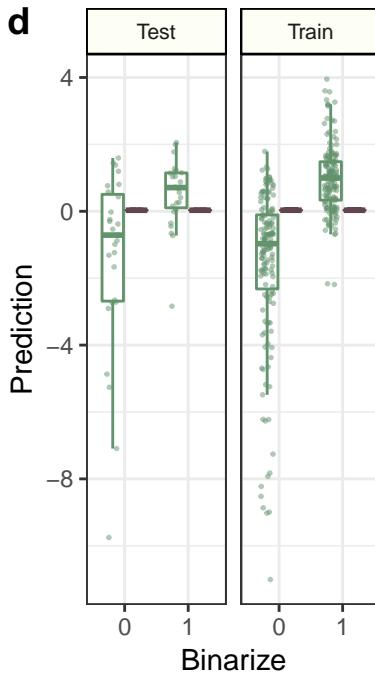
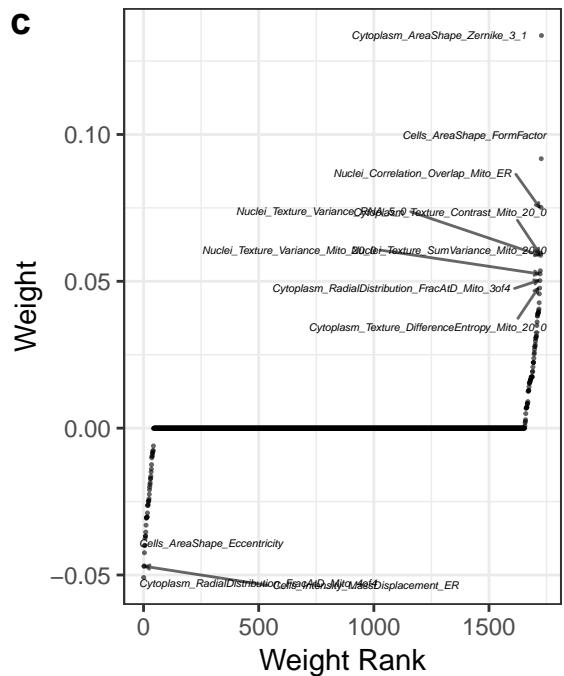
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Test	0.89	0.89	Train	False	151
Shuffled	0.75	0.71	Test	False	151
Real	0.50	0.50	Train	True	151
True	0.50	0.50	Test	True	151

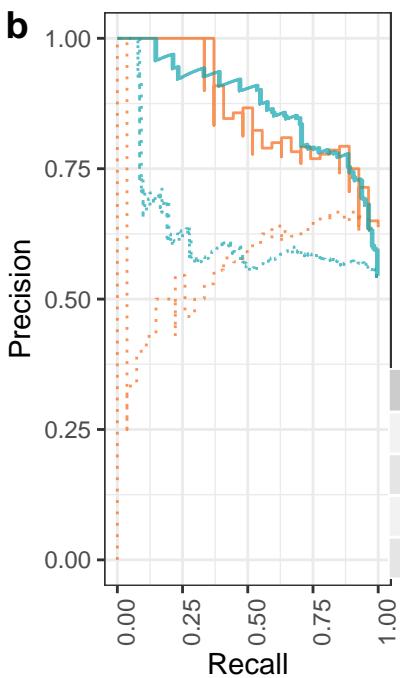
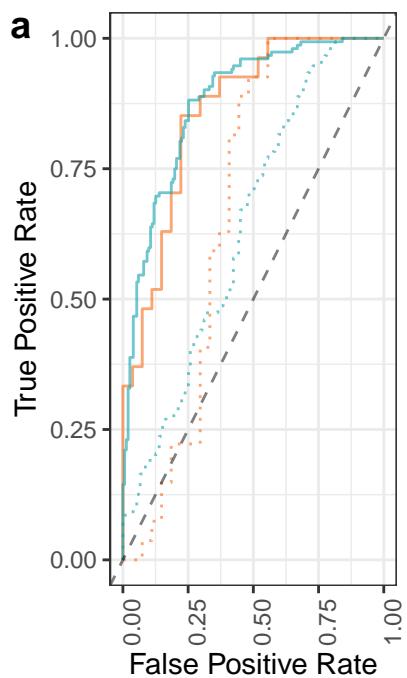


Shuffled

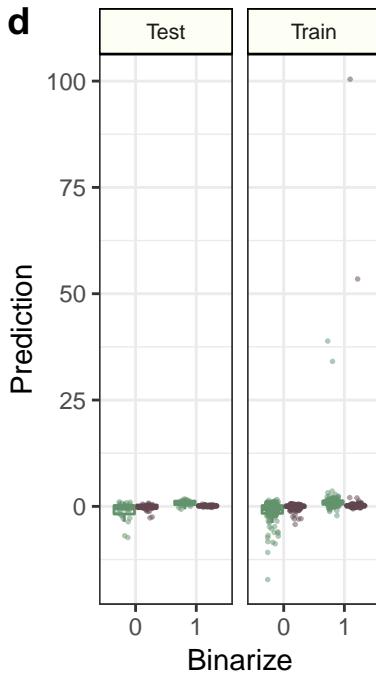
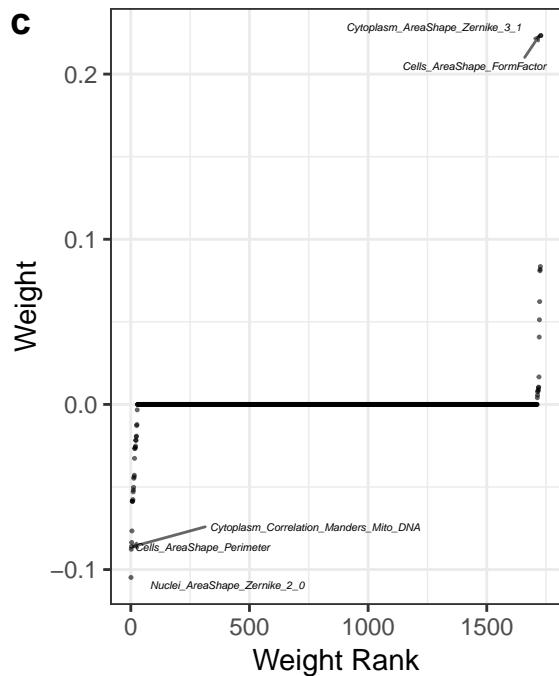
False

True

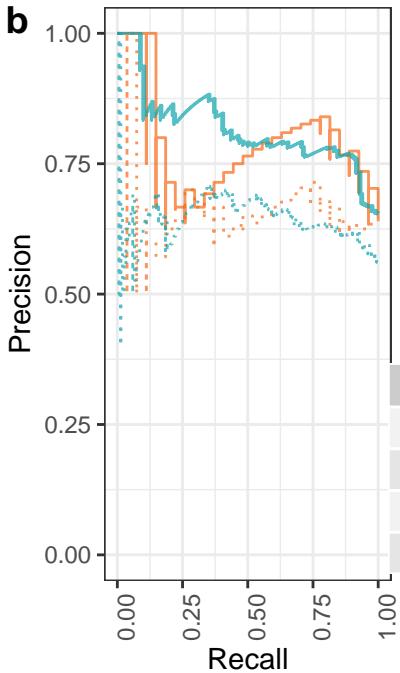
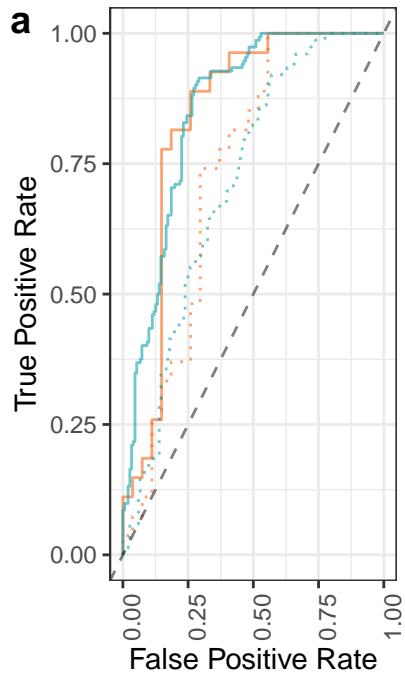
Performance: vb_live_cell_width_length



	auroc	aupr	fit	shuffle	n
Train	0.88	0.87	True	False	151
Test	0.86	0.86	Test	False	151
Train	0.64	0.63	Train	True	151
Test	0.67	0.57	Test	True	151



Performance: vb_num_live_cells



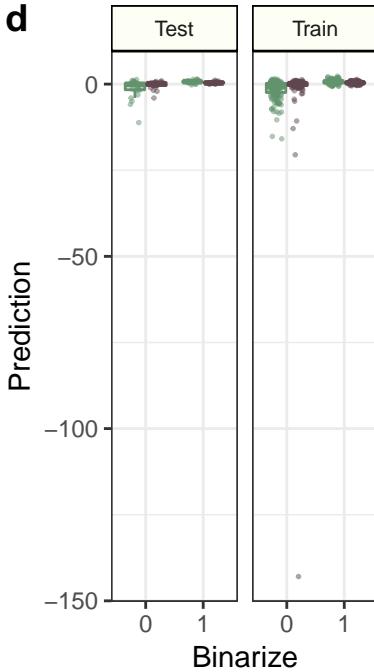
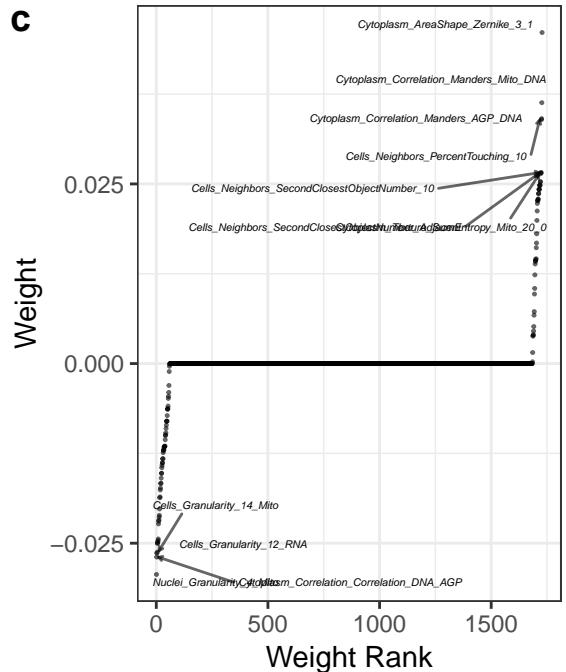
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.85	0.82	True	False	151
Test	0.84	0.78	Test	False	151
Train	0.71	0.65	Train	True	151
Test	0.73	0.67	Test	True	151

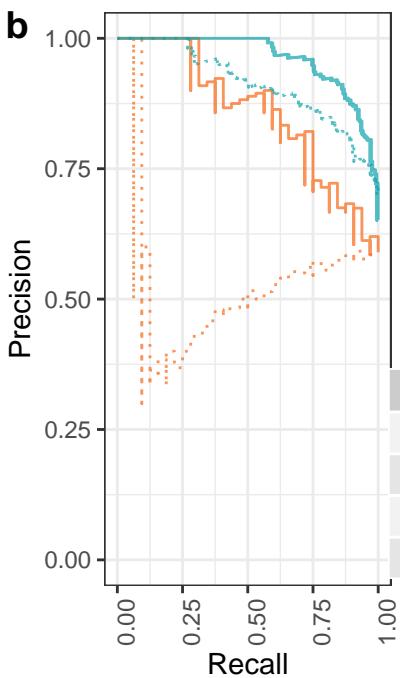
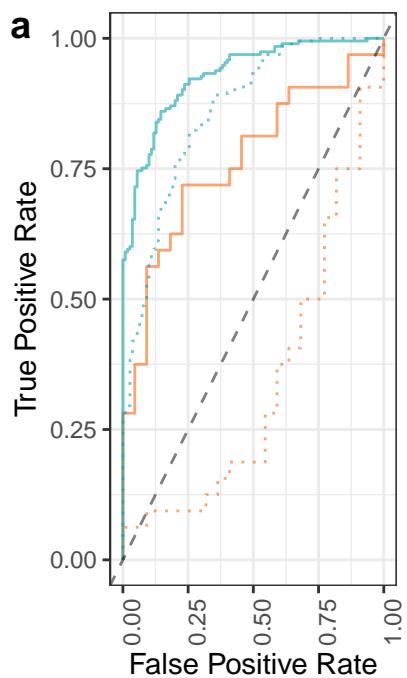


Shuffled

False

True

Performance: vb_percent_all_apoptosis



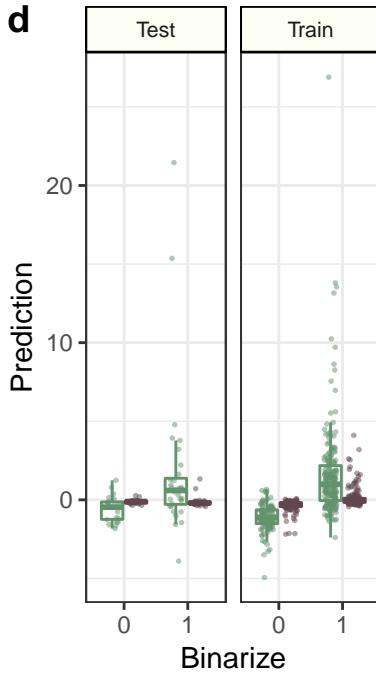
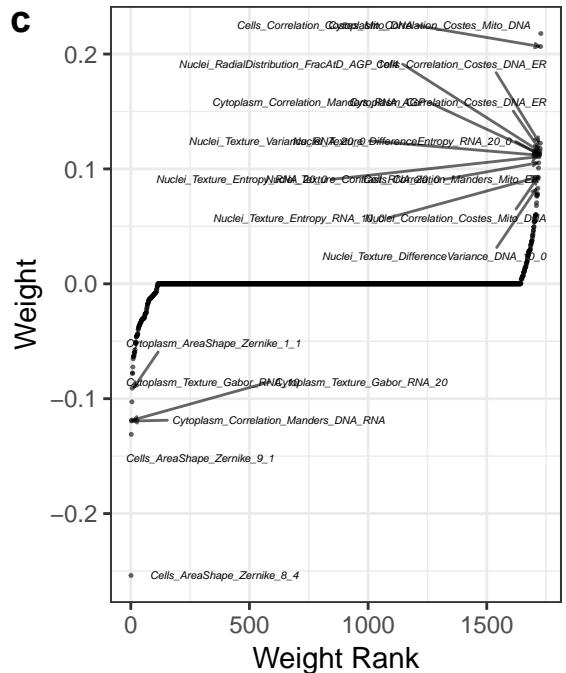
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Real	0.93	0.96	Train	False	110
Shuffled	0.76	0.85	Test	False	110
Real	0.86	0.91	Train	True	110
Shuffled	0.34	0.54	Test	True	110

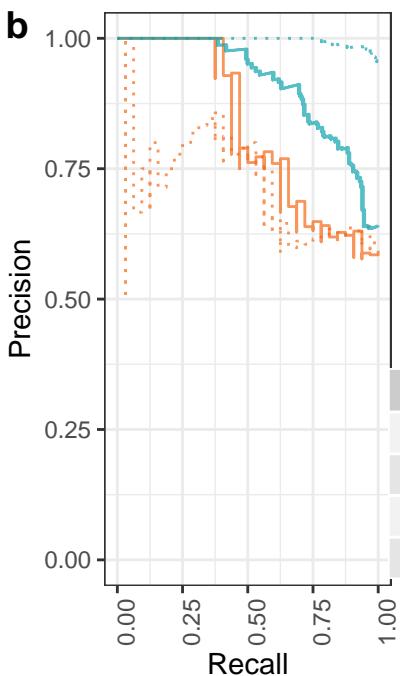
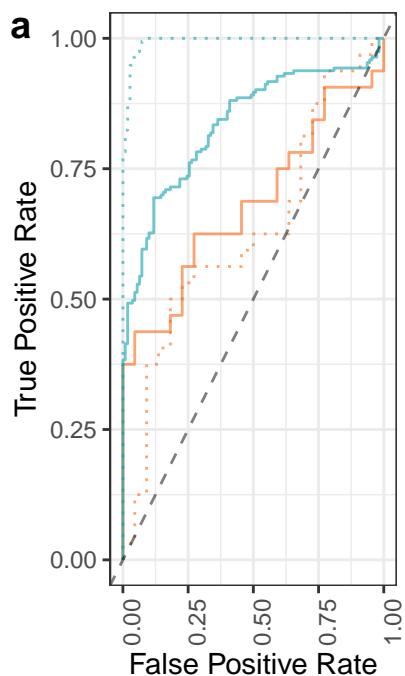


Shuffled

False

True

Performance: vb_percent_all_early_apoptosis



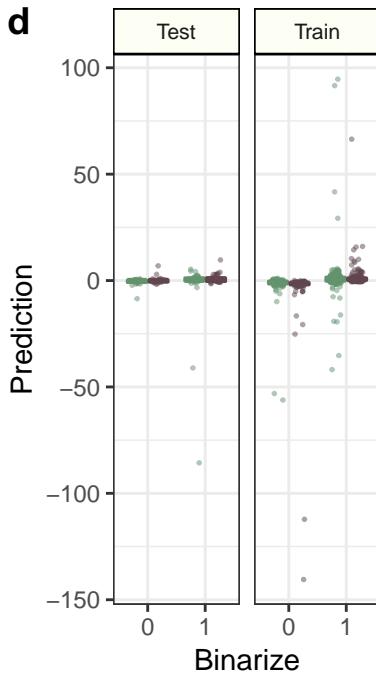
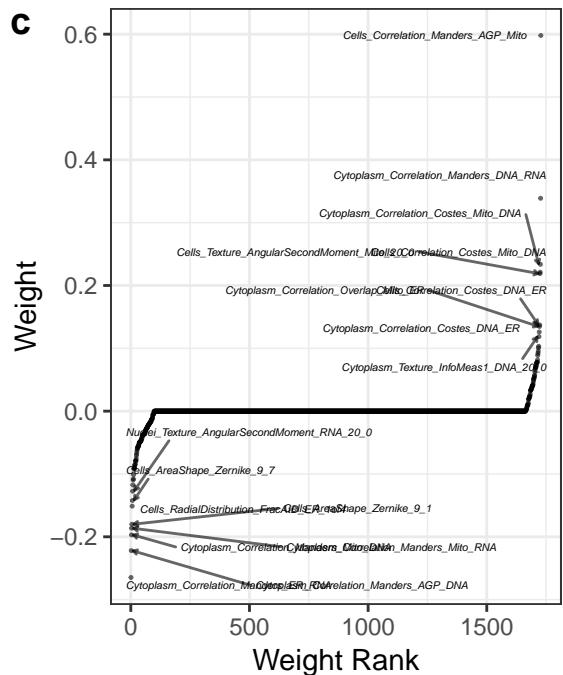
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.83	0.91	True	False	110
Test	0.68	0.81	Test	False	110
Train	0.99	1.00	Train	True	110
Test	0.63	0.72	Test	True	110

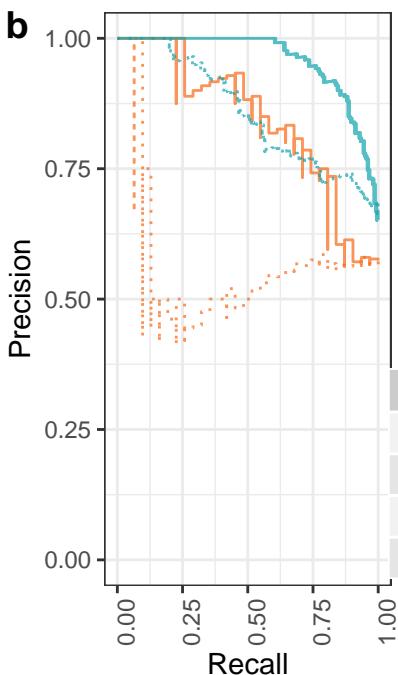
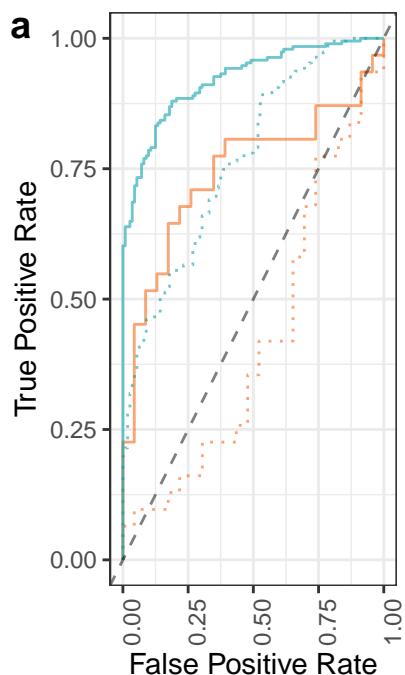


Shuffled

False

True

Performance: vb_percent_all_late_apoptosis



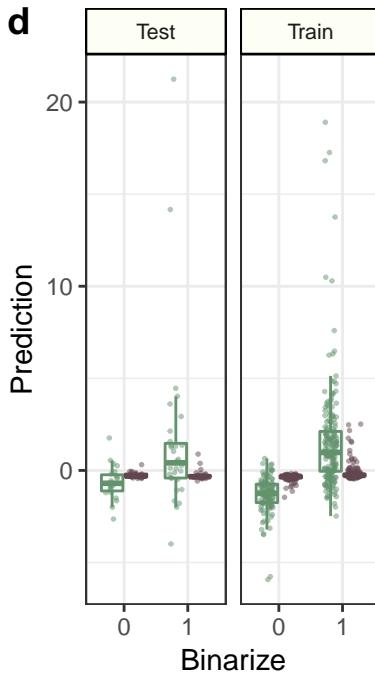
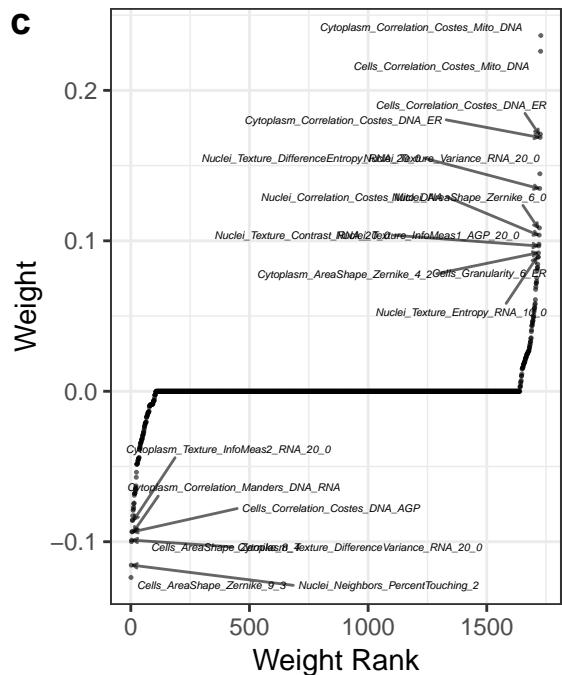
Test
Train

Shuffled Data

Real

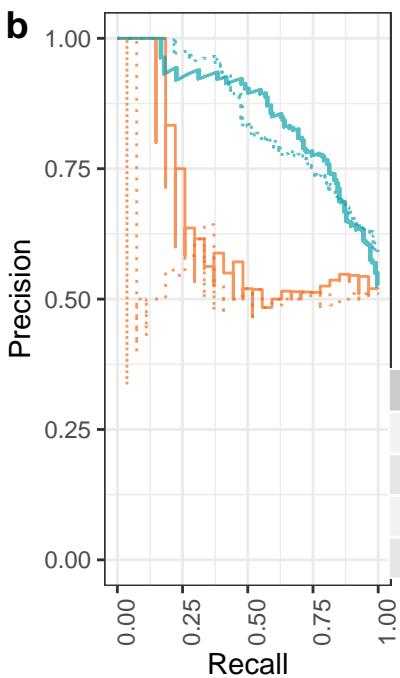
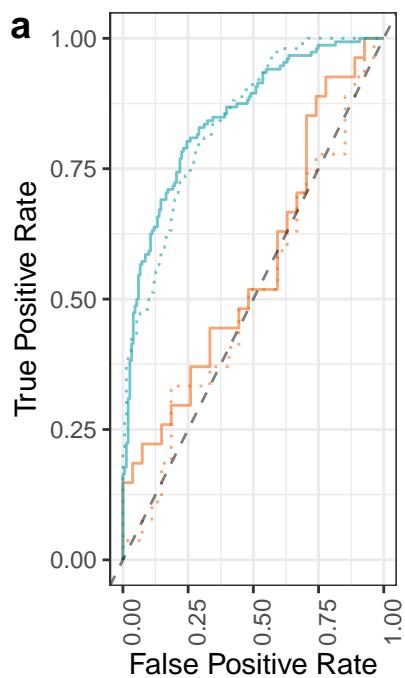
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.92	0.96	True	False	112
Test	0.74	0.83	Test	False	112
Train	0.77	0.86	Train	True	112
Test	0.42	0.57	Test	True	112



Shuffled
False
True

Performance: vb_percent_caspase_dead_only



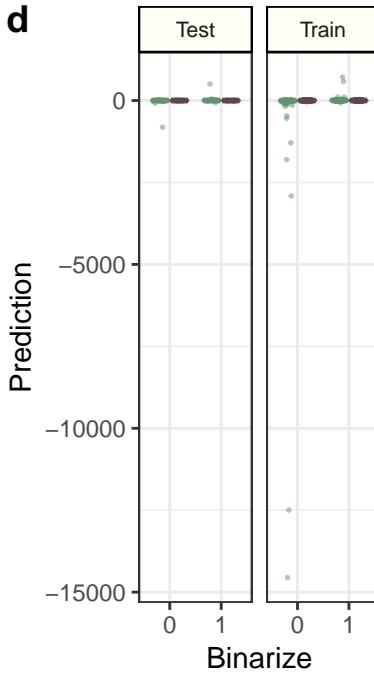
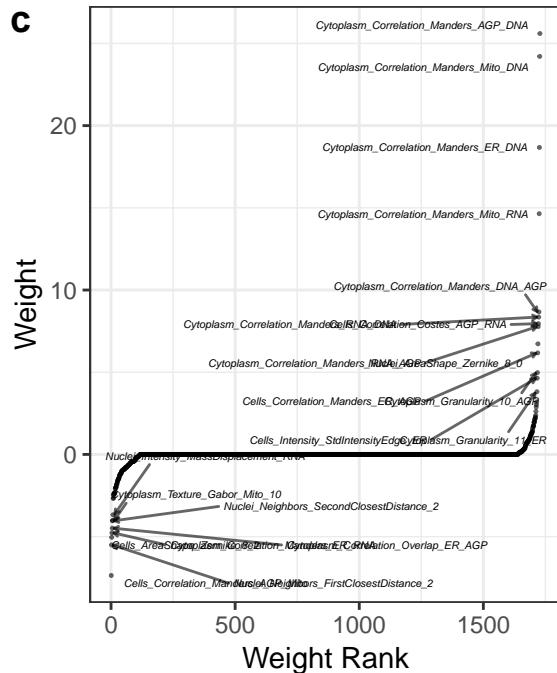
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.85	0.86	True	False	151
Test	0.56	0.63	Test	False	151
Train	0.84	0.85	Train	True	151
Test	0.51	0.54	Test	True	151

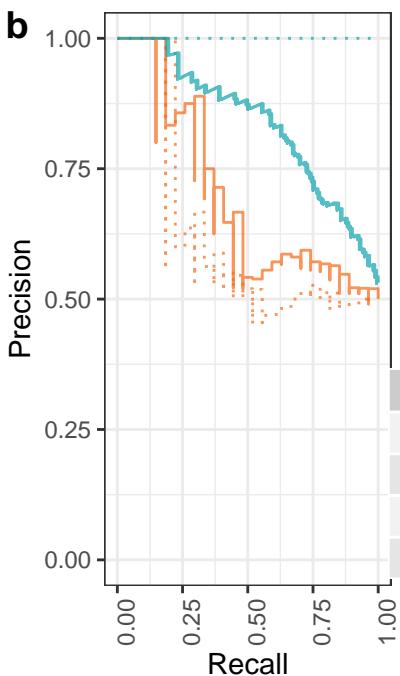
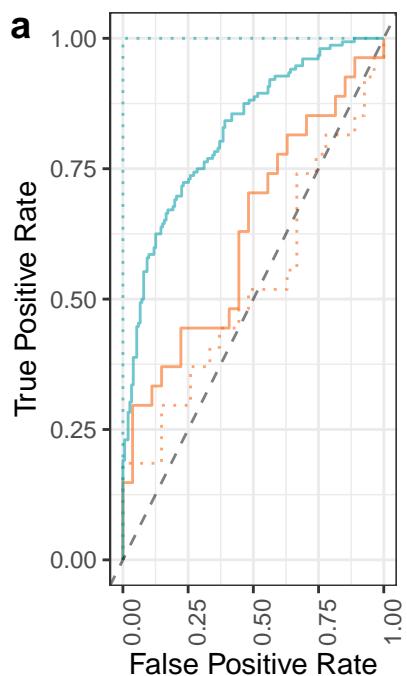


Shuffled

False

True

Performance: vb_percent_dead

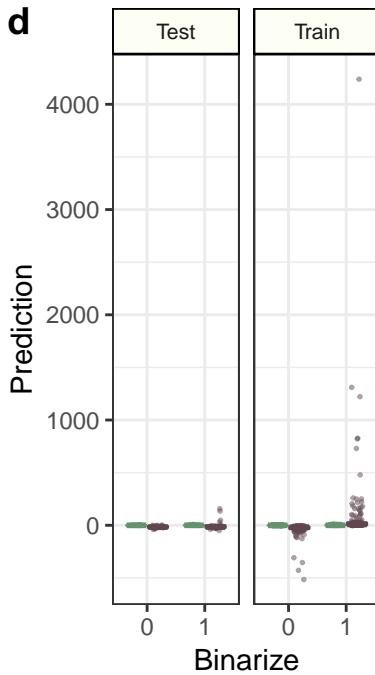
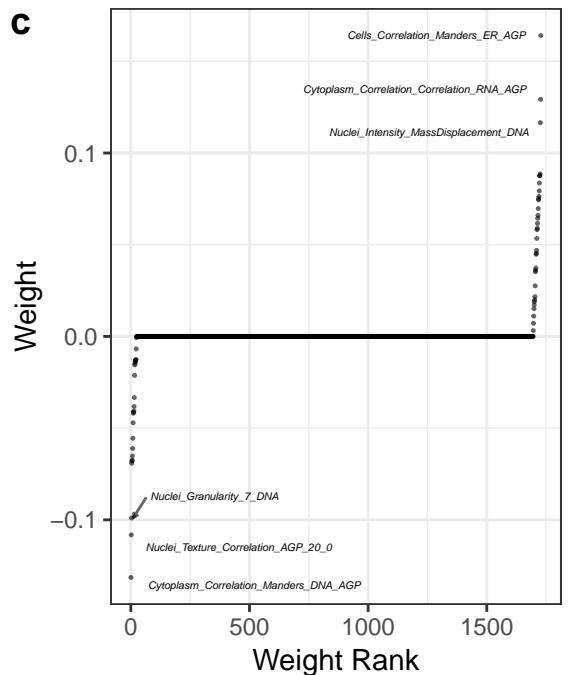


Test
Train

Shuffled Data

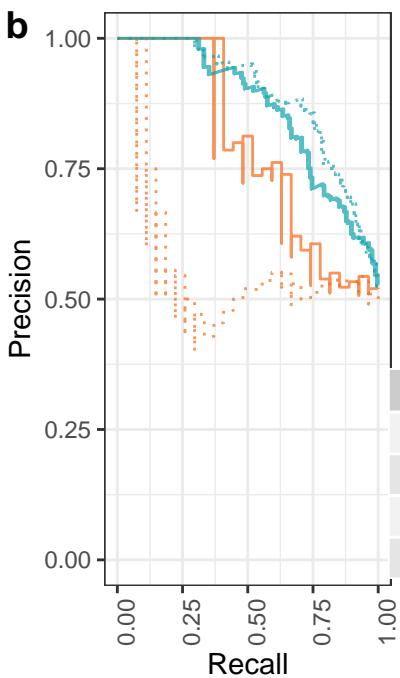
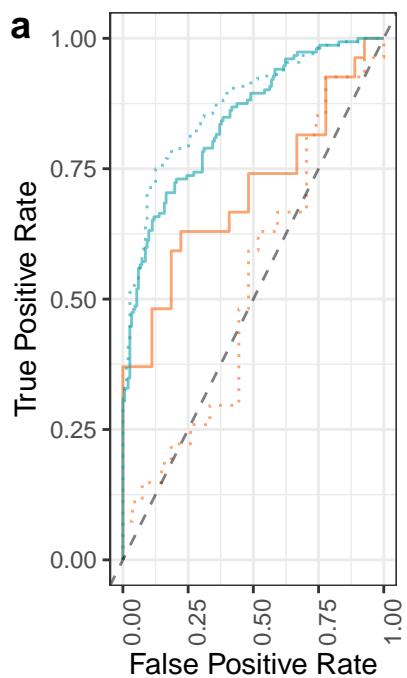
Real
Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.82	0.84	True	False	151
Test	0.63	0.69	Test	False	151
Train	1.00	1.00	Train	True	151
Test	0.53	0.62	Test	True	151



Shuffled
False
True

Performance: vb_percent_dead_only



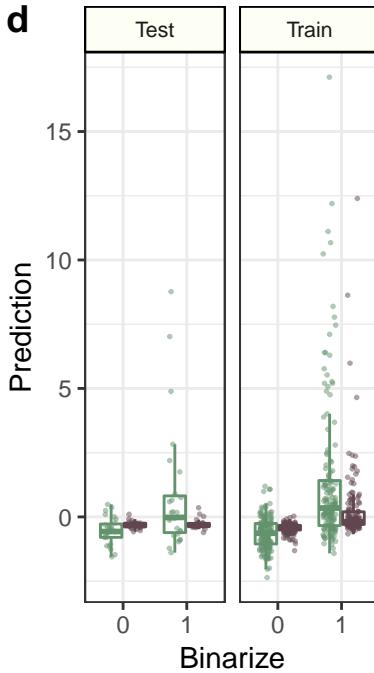
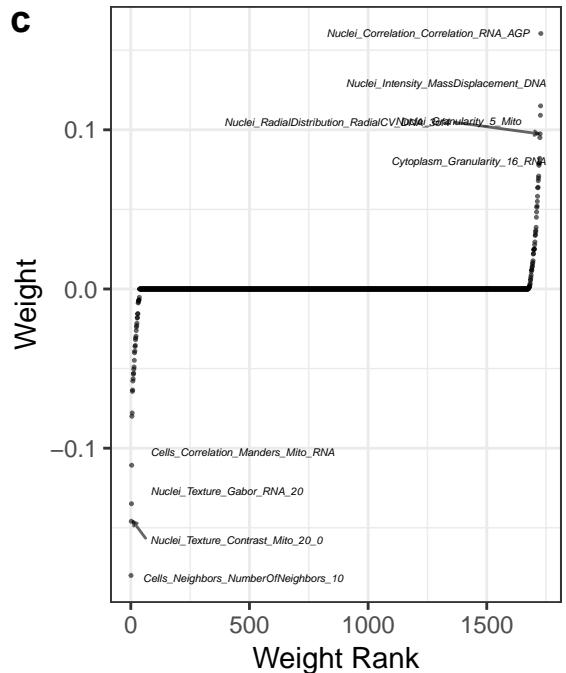
Test
Train

Shuffled Data

Real

Shuffled

	auroc	aupr	fit	shuffle	n
Train	0.84	0.86	True	False	151
Test	0.71	0.78	Test	False	151
Train	0.87	0.89	Train	True	151
Test	0.52	0.56	Test	True	151

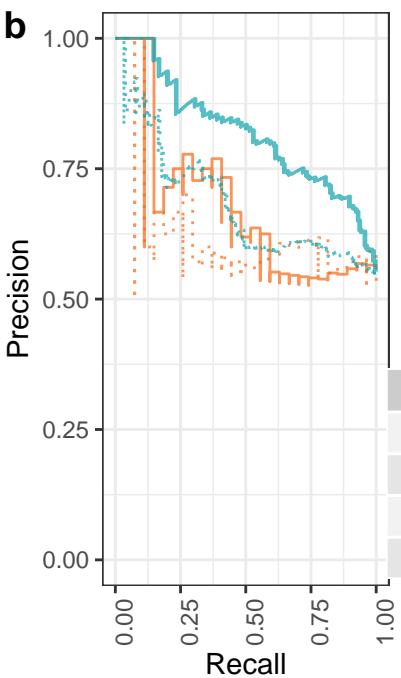
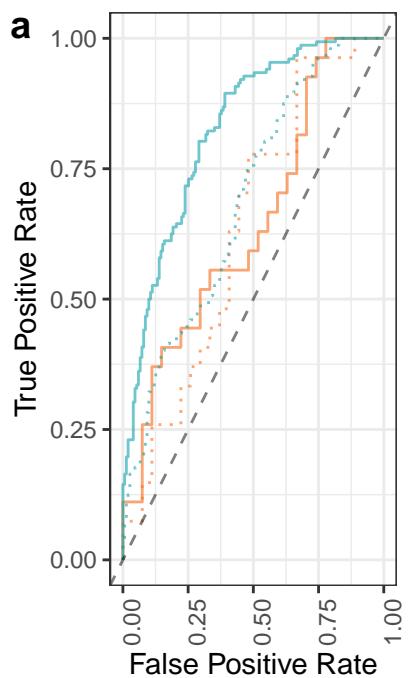


Shuffled

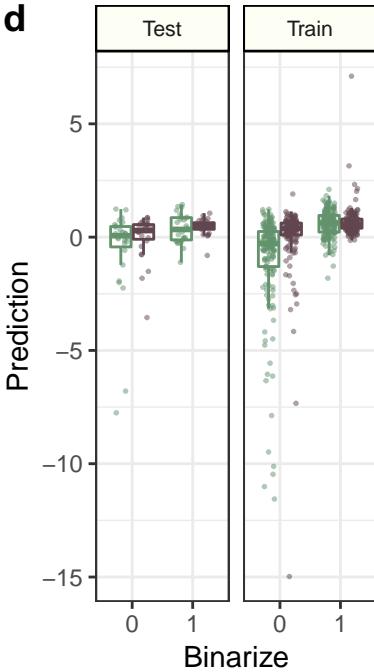
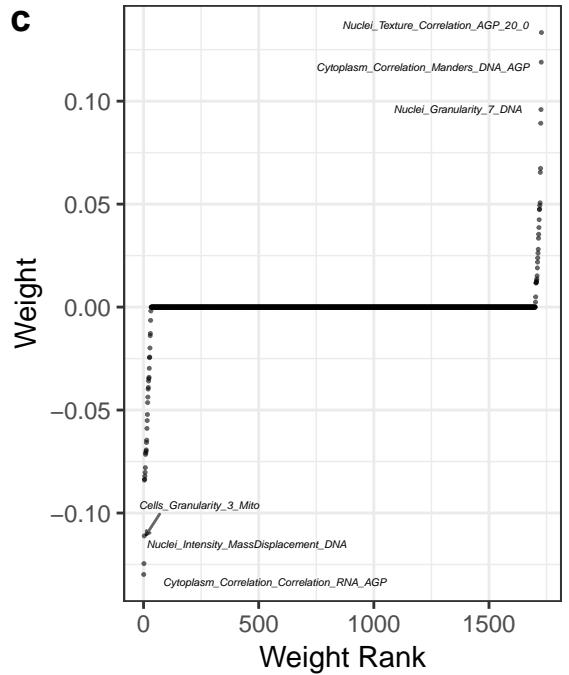
False

True

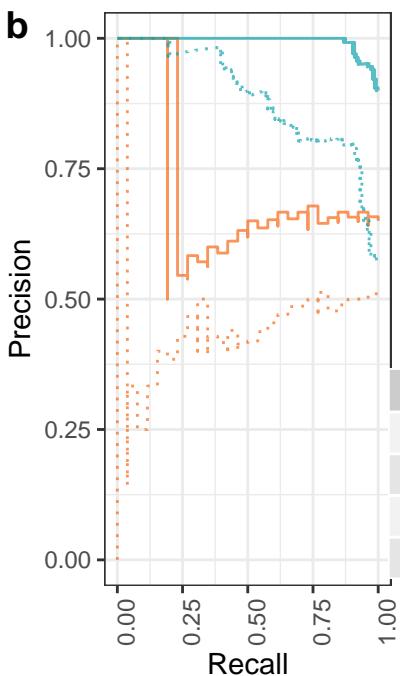
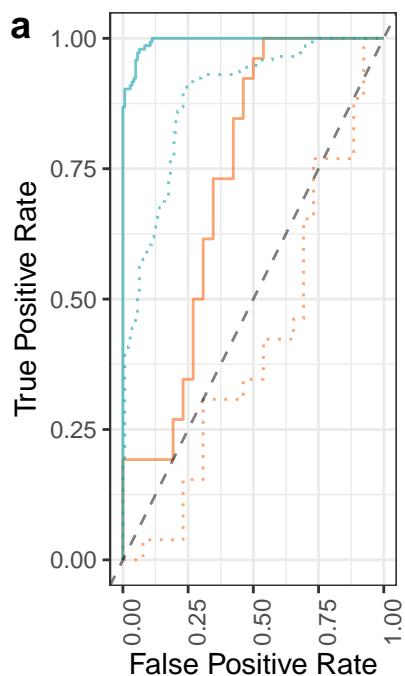
Performance: vb_percent_live



	auroc	aupr	fit	shuffle	n
Train	0.82	0.82	True	False	151
Test	0.64	0.67	Test	False	151
Train	0.69	0.68	Train	True	151
Test	0.63	0.63	Test	True	151



Performance: vb_ros_back_mean



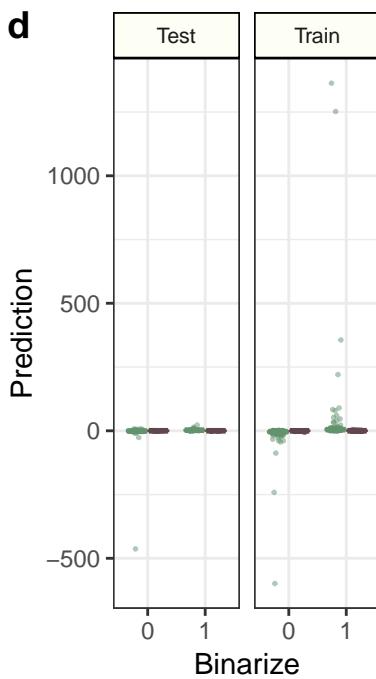
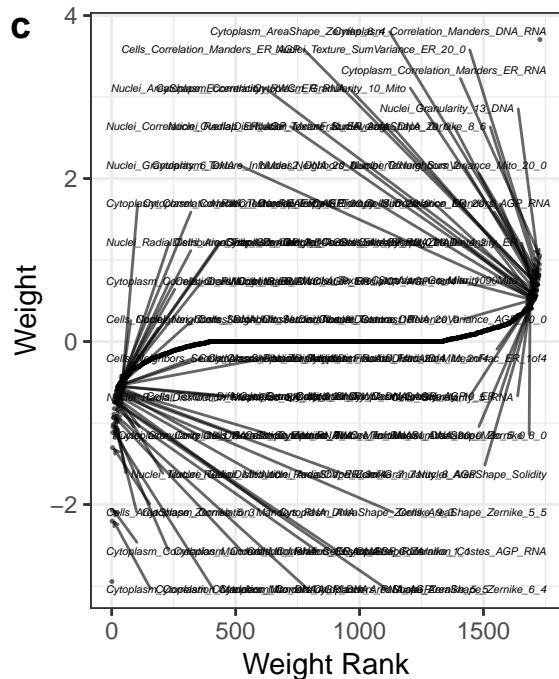
Test
Train

Shuffled Data

Real

Shuffled

auroc	aupr	fit	shuffle	n
0.99	0.99	Train	False	143
0.73	0.71	Test	False	143
0.88	0.89	Train	True	143
0.41	0.44	Test	True	143



Shuffled
False
True

Performance: vb_ros_mean

