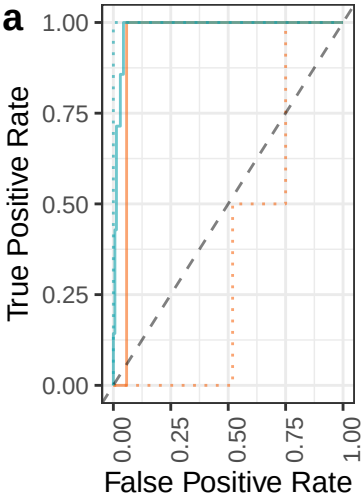
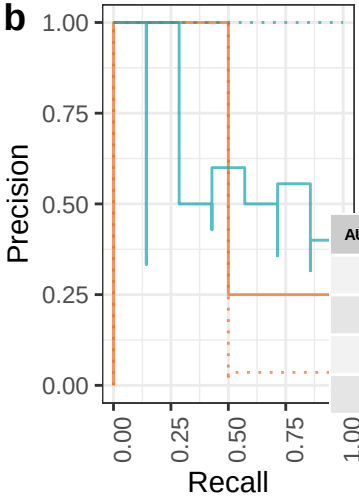
Performance: cc_all_n_objects

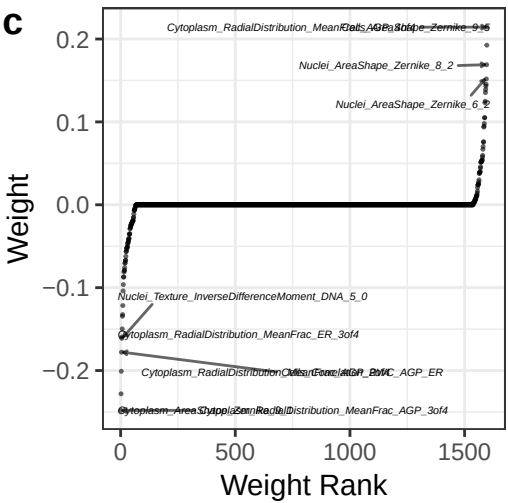


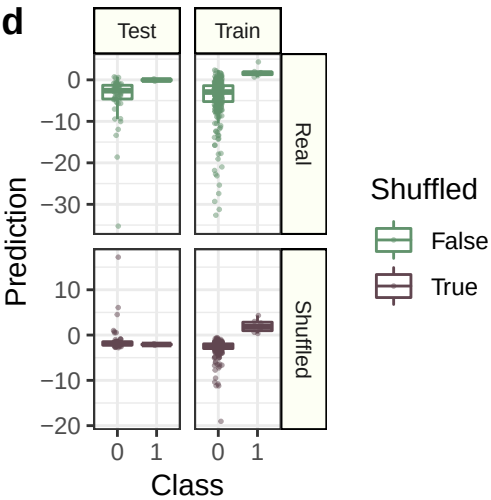


Data: Real Shuffled

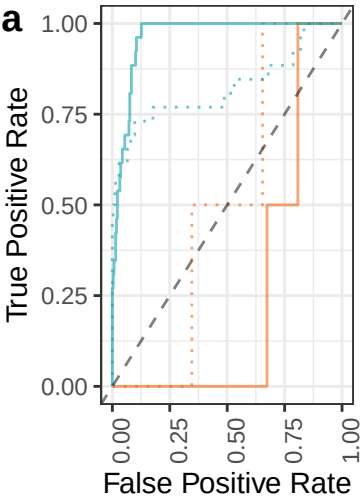
Fit: Test Train

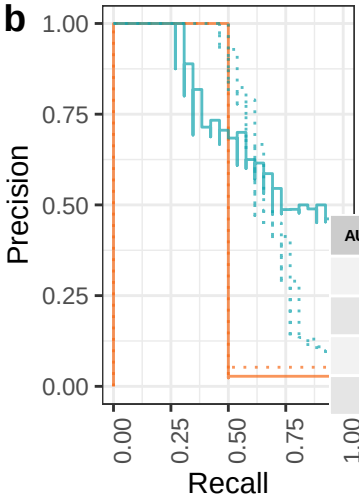
AUROC	AUPR	fit	shuffle	pos
0.98	0.56	Train	False	1
0.94	0.32	Test	False	1
1.00	1.00	Train	True	1
0.37	0.04	Test	True	1





Performance: cc_g2_ph3_neg_n_spots_mean

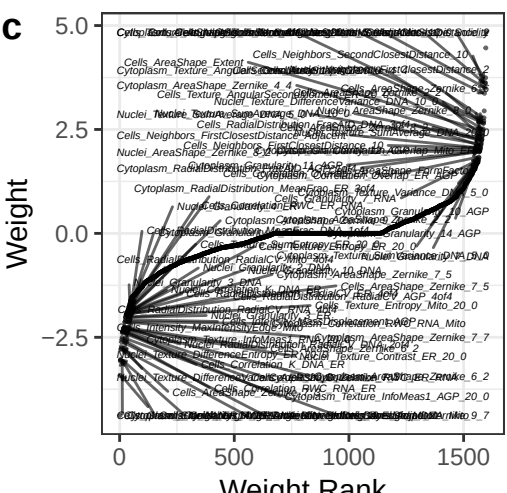


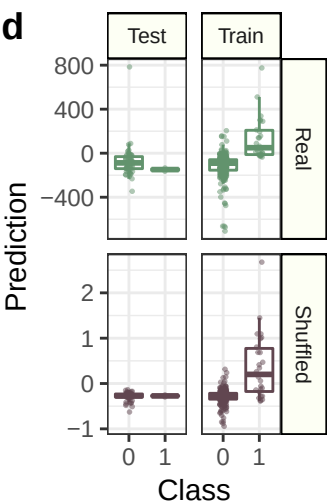


Data: Real Shuffled

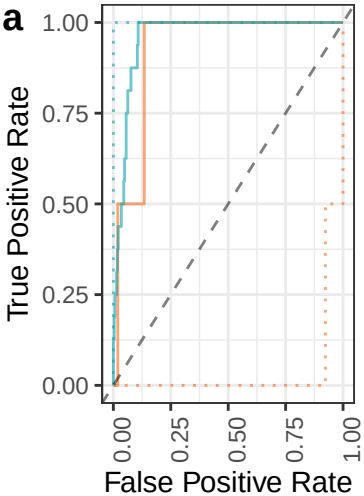
Fit: Test Train

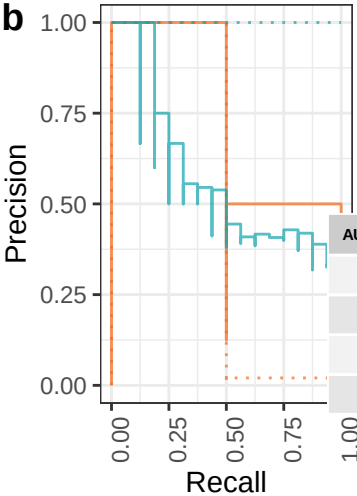
AUROC	AUPR	fit	shuffle	pos
0.96	0.71	Train	False	2
0.26	0.04	Test	False	2
0.82	0.67	Train	True	2
0.50	0.05	Test	True	2





Performance: cc_g2_plus_all_m

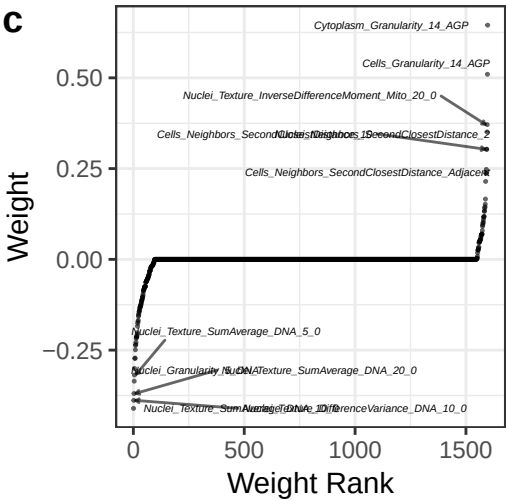


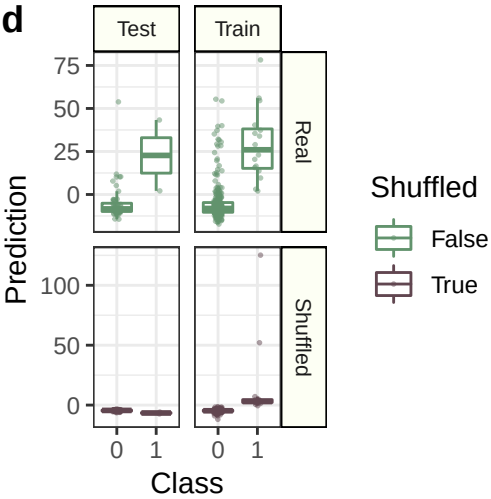


Data: Real Shuffled

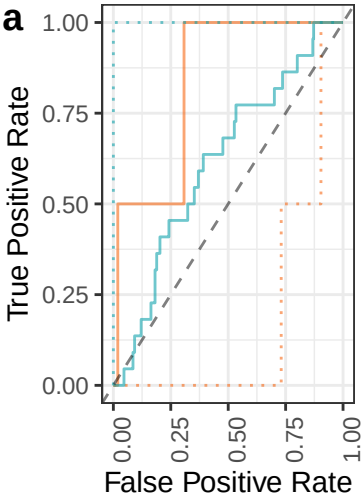
Fit: Test Train

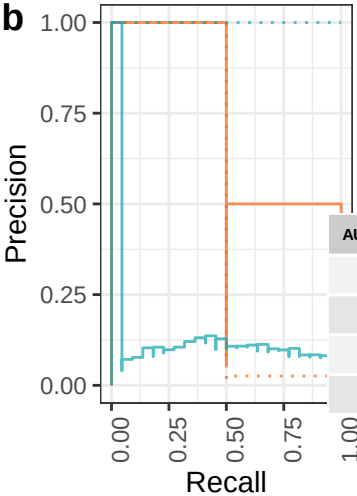
AUROC	AUPR	fit	shuffle	pos
0.96	0.54	Train	False	1
0.92	0.36	Test	False	1
1.00	1.00	Train	True	1
0.04	0.03	Test	True	1





Performance: cc_mitosis_ph3_pos_high_n_spots_h2ax_m

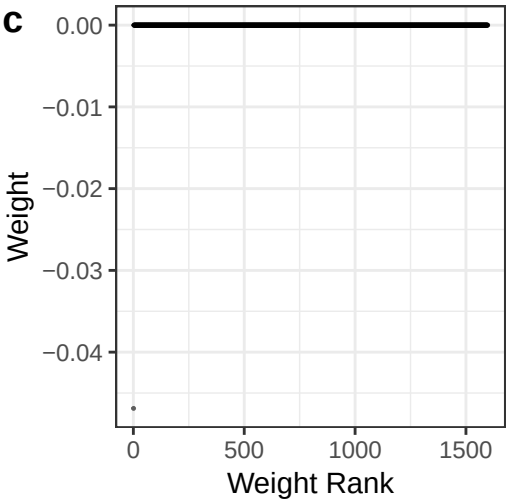


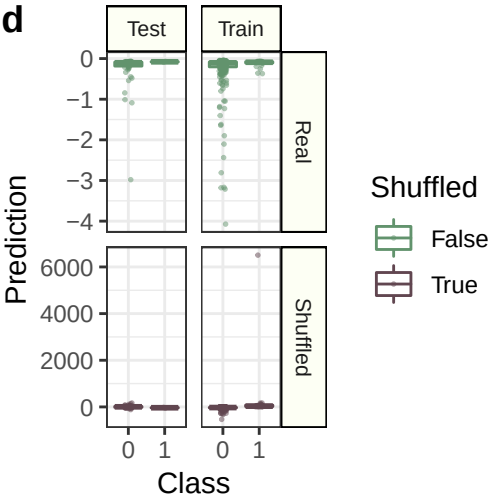


Data: Real Shuffled

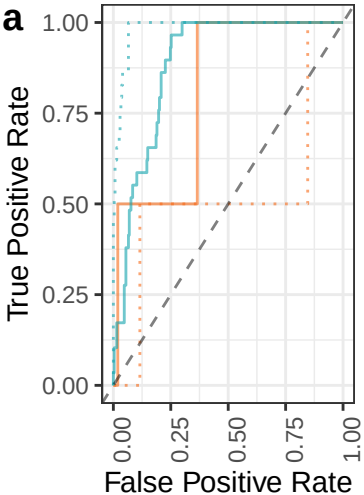
Fit: Test Train

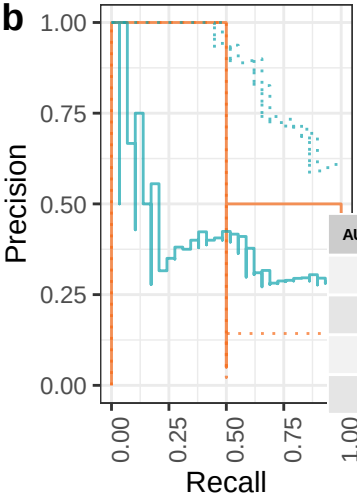
AUROC	AUPR	fit	shuffle	pos
0.62	0.10	Train	False	2
0.84	0.31	Test	False	2
1.00	1.00	Train	True	2
0.18	0.03	Test	True	2





Performance: cc_mitosis_ph3_pos_n_spots_per_nucleus_

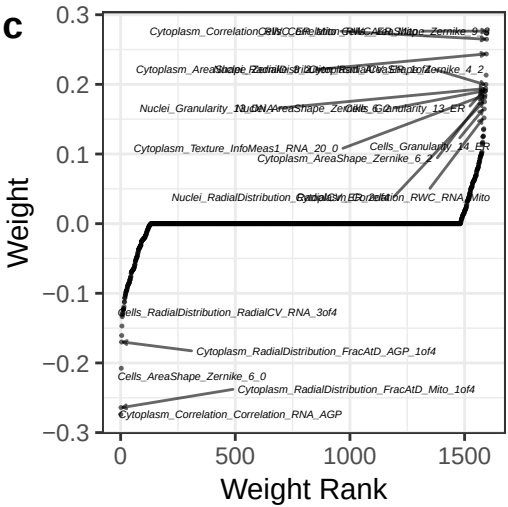


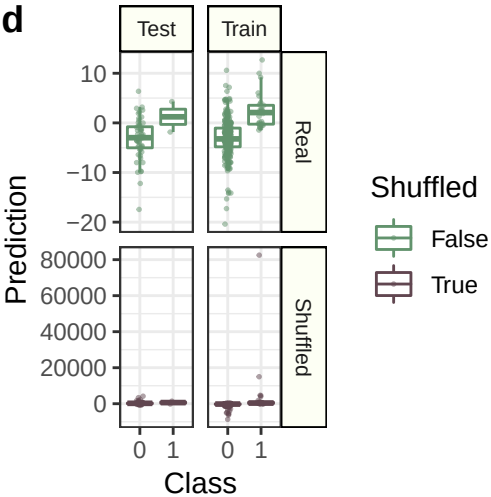


Data: Real Shuffled

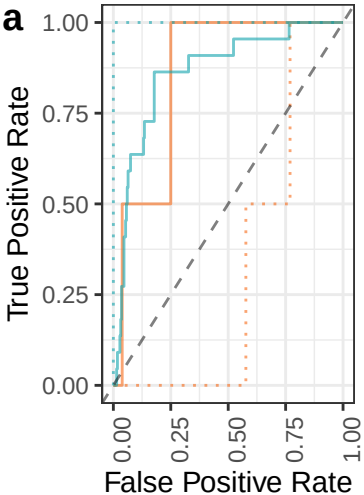
Fit: Test Train

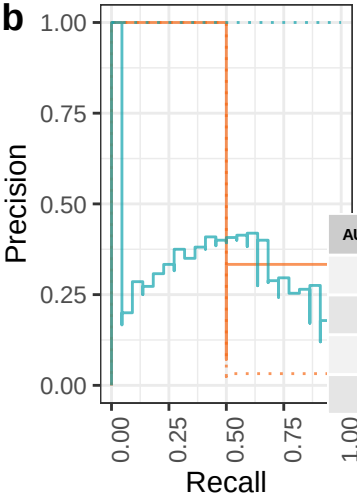
AUROC	AUPR	fit	shuffle	pos
0.89	0.40	Train	False	2
0.81	0.30	Test	False	2
0.98	0.87	Train	True	2
0.52	0.09	Test	True	2





Performance: cc_polynuclear_high_n_spots_h2ax_mean

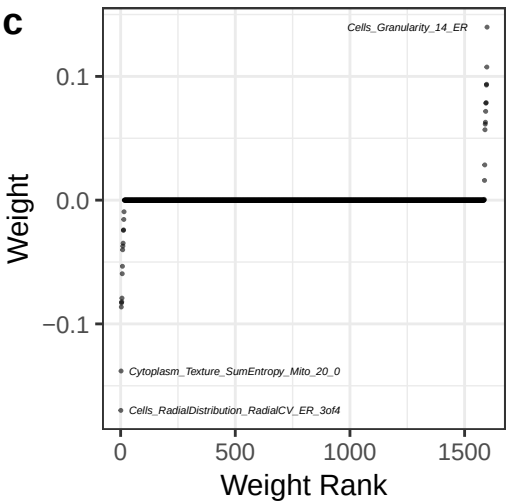


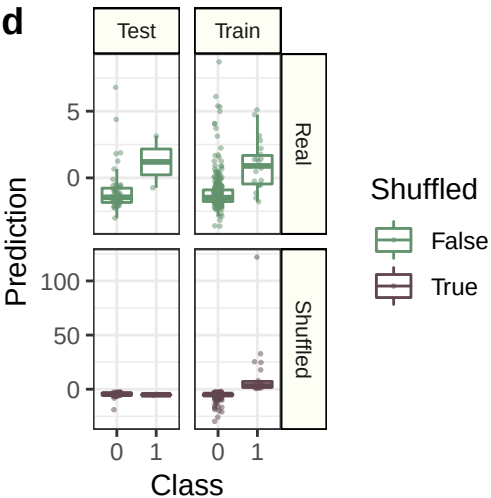


Data: Real Shuffled

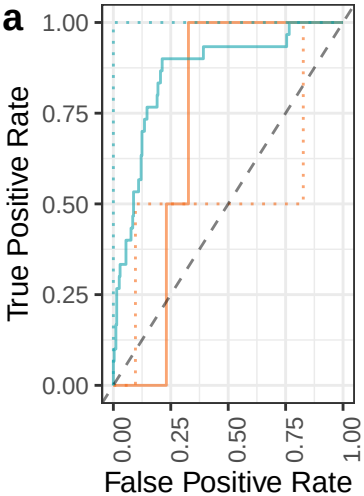
Fit: Test Train

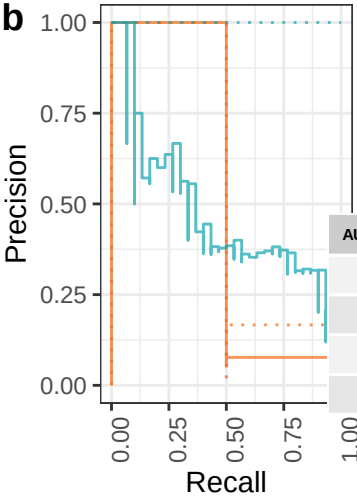
AUROC	AUPR	fit	shuffle	pos
0.86	0.31	Train	False	2
0.86	0.23	Test	False	2
1.00	1.00	Train	True	2
0.33	0.04	Test	True	2





Performance: cc_polyploid_high_n_spots_h2ax_mean

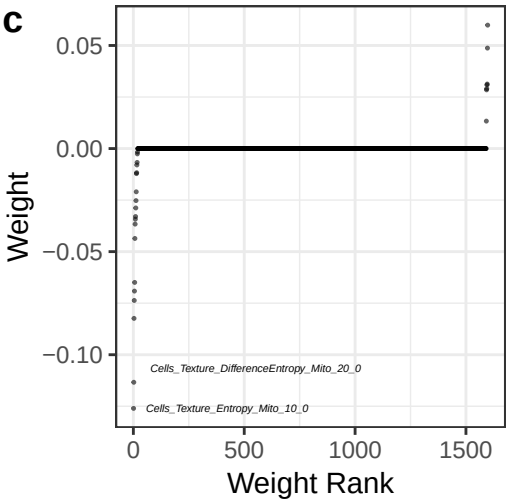


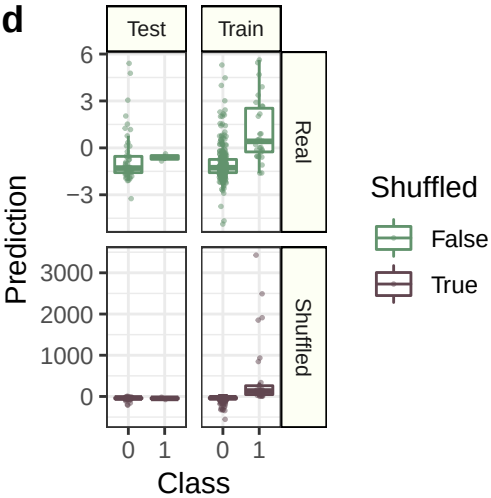


Data: Real Shuffled

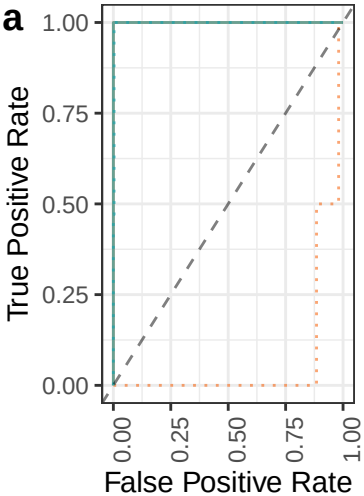
Fit: Test Train

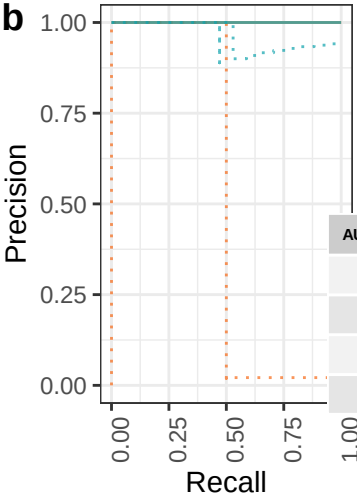
AUROC	AUPR	fit	shuffle	pos
0.86	0.46	Train	False	3
0.72	0.09	Test	False	3
1.00	1.00	Train	True	3
0.54	0.11	Test	True	3





Performance: vb_live_cell_area

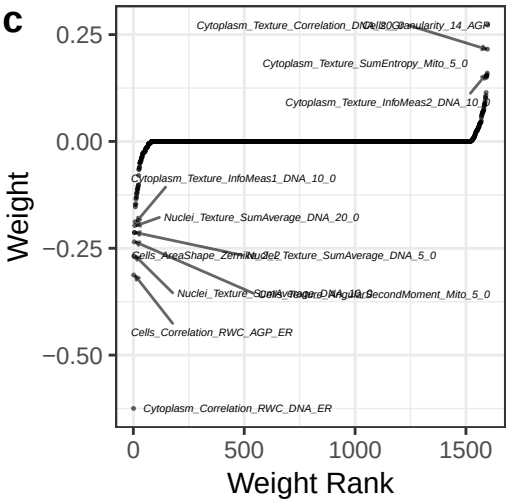


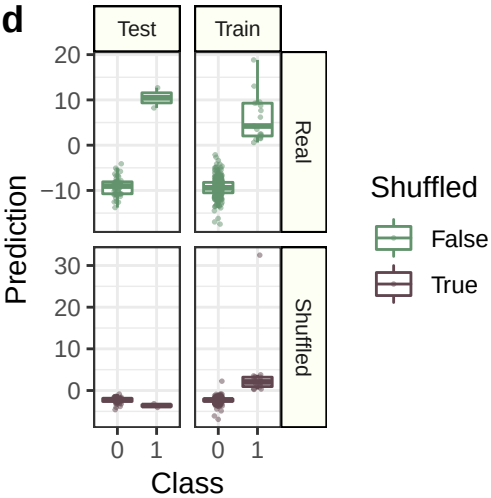


Data: Real Shuffled

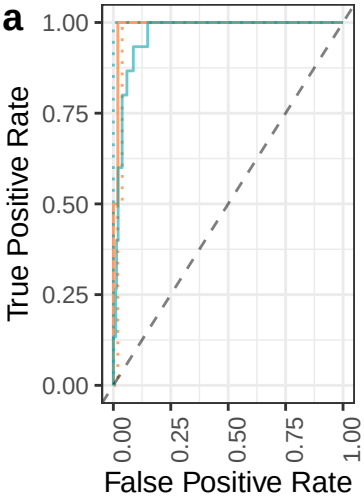
Fit: Test Train

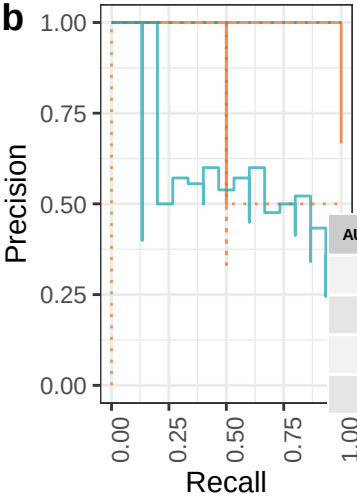
AUROC	AUPR	fit	shuffle	pos
1.00	1.00	Train	False	1
1.00	1.00	Test	False	1
1.00	0.96	Train	True	1
0.07	0.03	Test	True	1





Performance: vb_percent_all_apoptosis

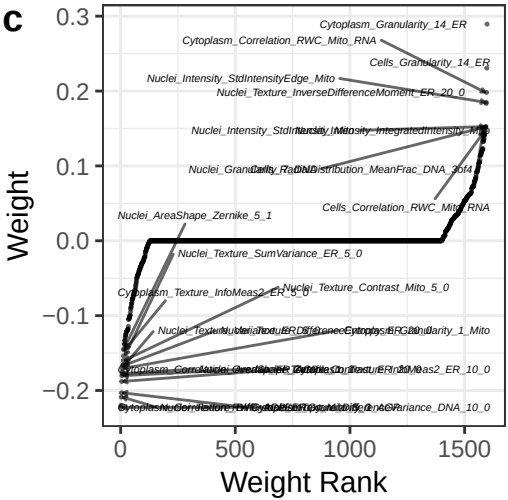


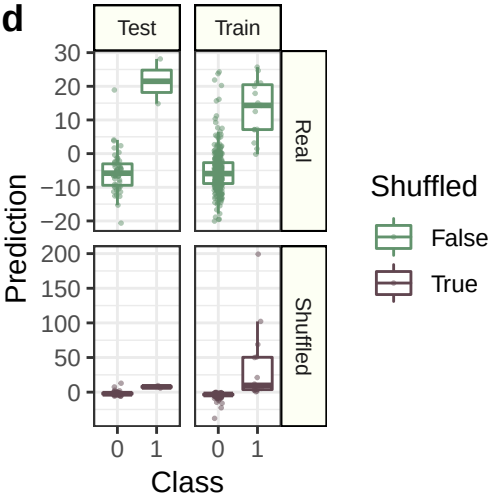


Data: Real Shuffled

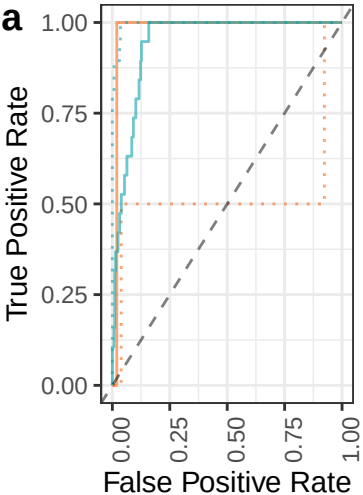
Fit: Test Train

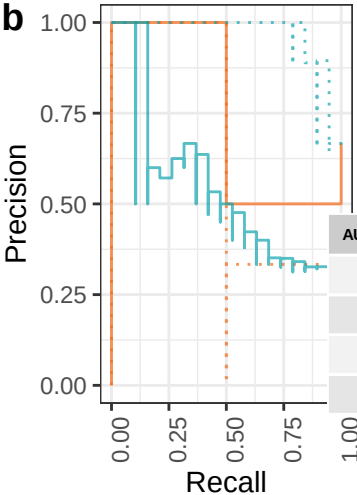
AUROC	AUPR	fit	shuffle	pos
0.97	0.57	Train	False	1
0.99	0.83	Test	False	1
1.00	1.00	Train	True	1
0.97	0.50	Test	True	1





Performance: vb_percent_all_early_apoptosis

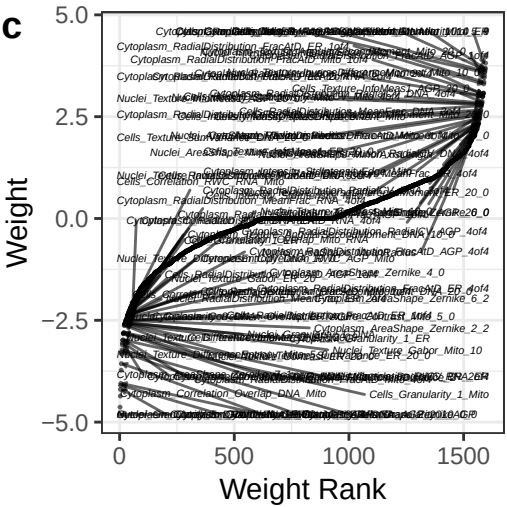


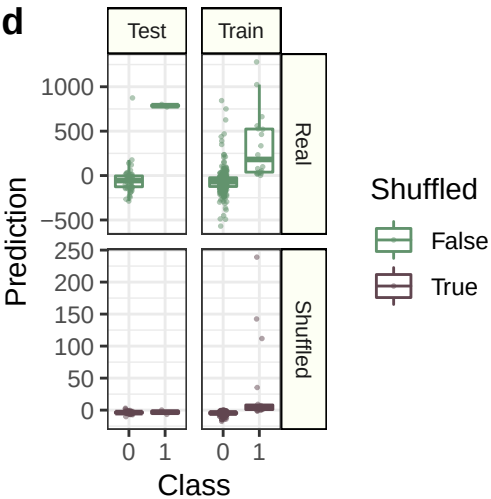


Data: Real Shuffled

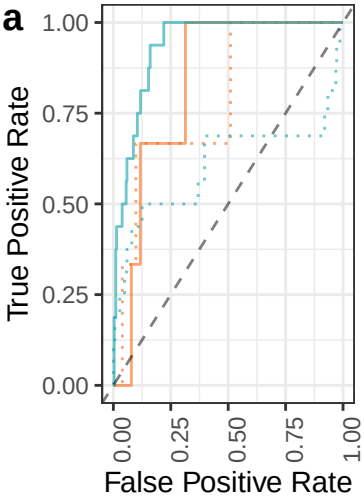
Fit: Test Train

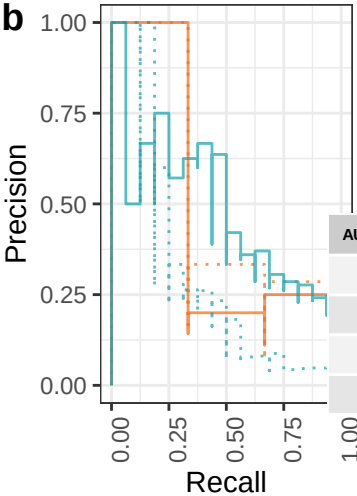
AUROC	AUPR	fit	shuffle	pos
0.94	0.51	Train	False	1
0.98	0.58	Test	False	1
1.00	0.95	Train	True	1
0.52	0.19	Test	True	1





Performance: cc_cc_g2_ph3_neg_mean

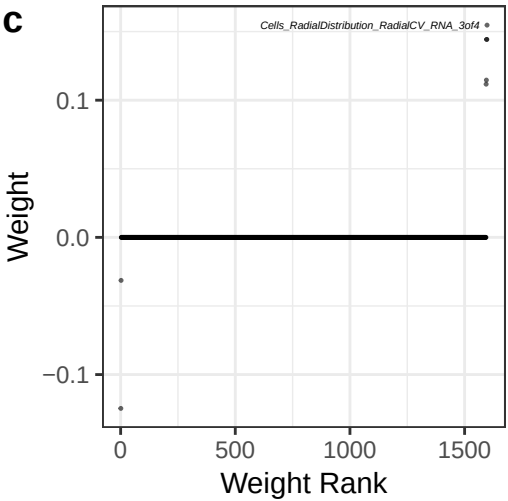


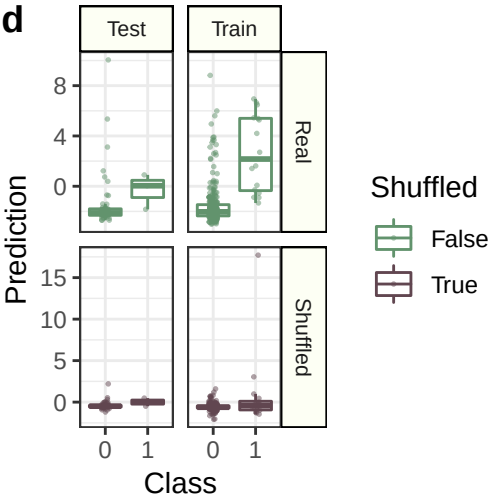


Data: Real Shuffled

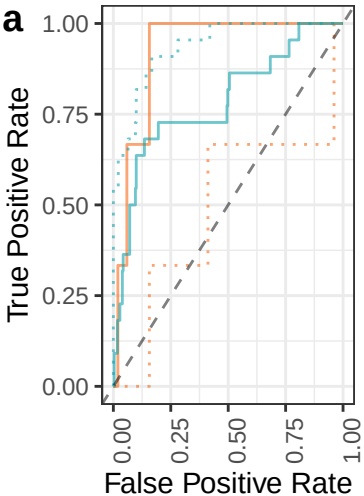
Fit: Test Train

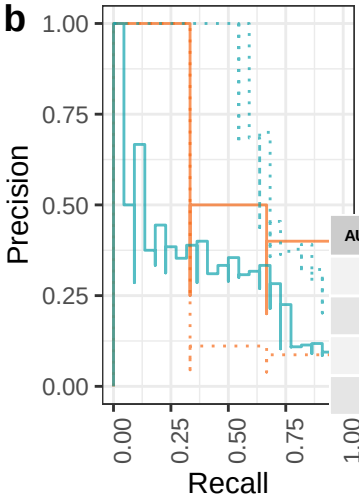
AUROC	AUPR	fit	shuffle	pos
0.93	0.45	Train	False	1
0.83	0.20	Test	False	1
0.61	0.27	Train	True	1
0.78	0.24	Test	True	1





Performance: cc_edu_pos_high_n_spots_h2ax_mean

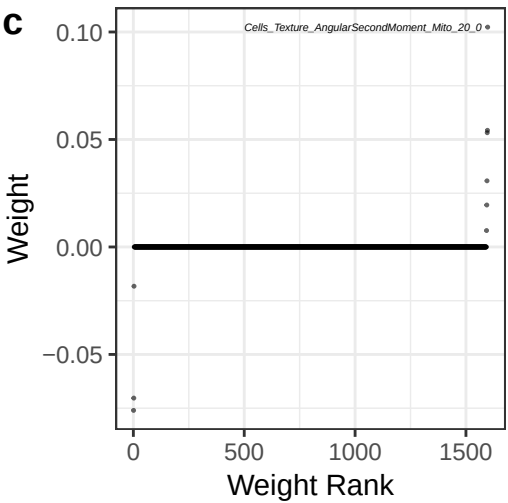


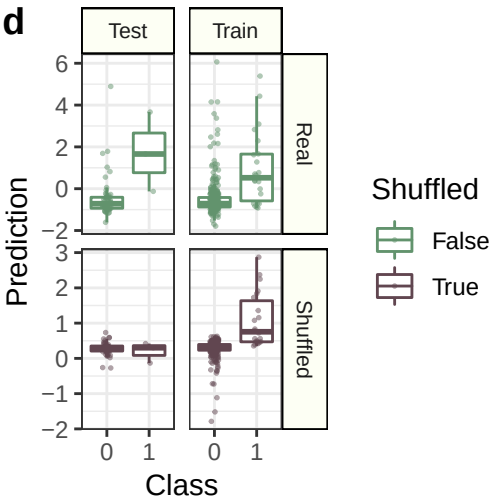


Data: Real Shuffled

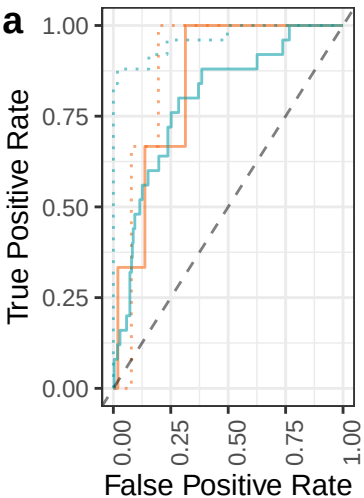
Fit: Test Train

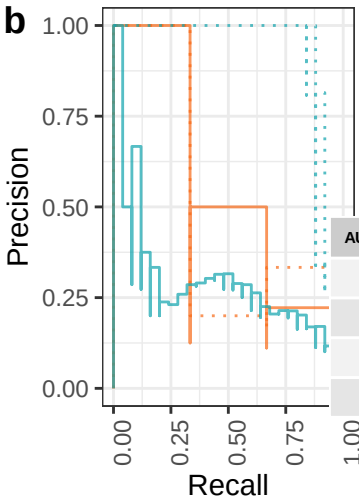
AUROC	AUPR	fit	shuffle	pos
0.78	0.30	Train	False	2
0.92	0.39	Test	False	2
0.94	0.73	Train	True	2
0.49	0.09	Test	True	2





Performance: cc_edu_pos_n_spots_mean

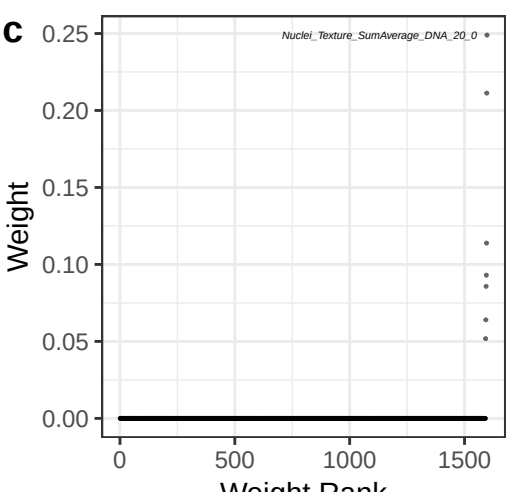


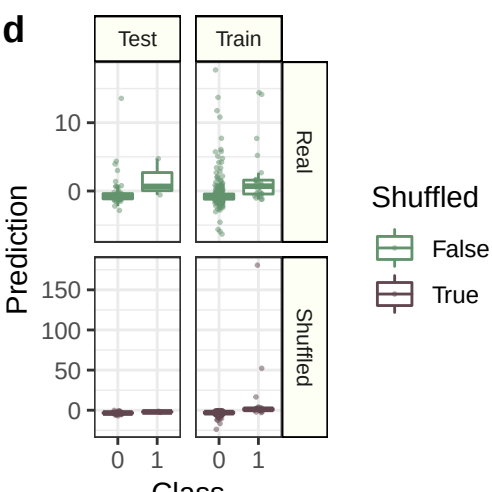


Data: Real Shuffled

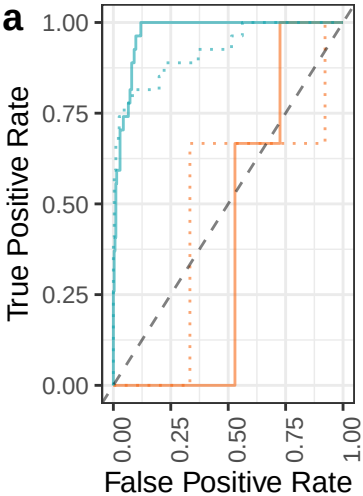
Fit: Test Train

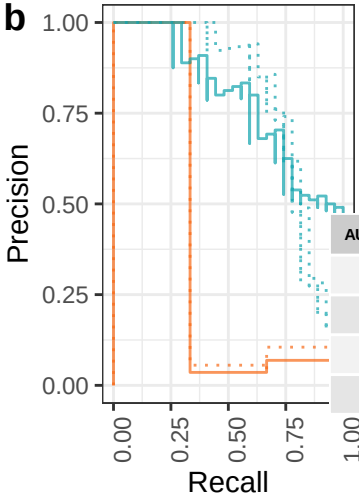
AUROC	AUPR	fit	shuffle	pos
0.79	0.27	Train	False	2
0.84	0.29	Test	False	2
0.96	0.90	Train	True	2
0.88	0.25	Test	True	2





Performance: cc_mitosis_ph3_pos_n_spots_mean

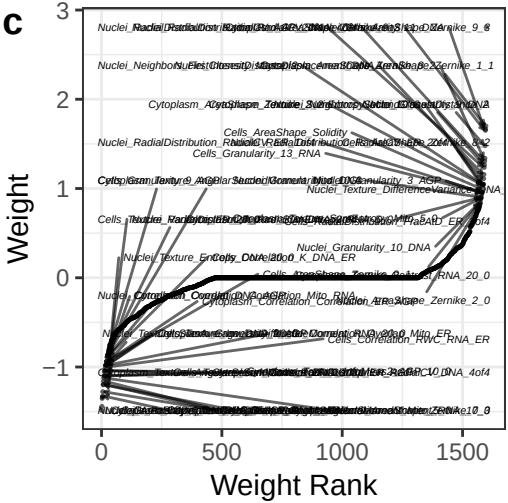


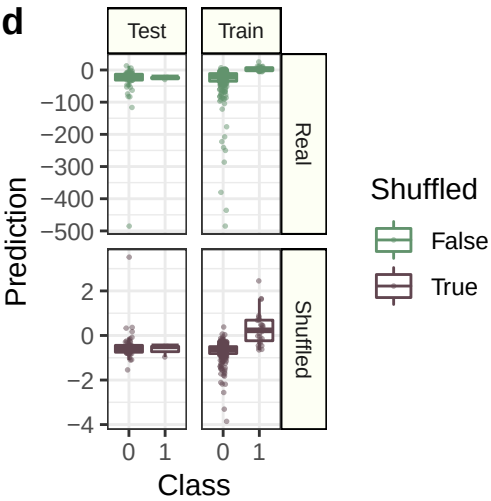


Data: Real Shuffled

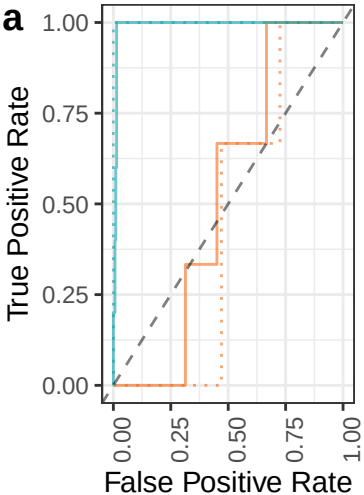
Fit: Test Train

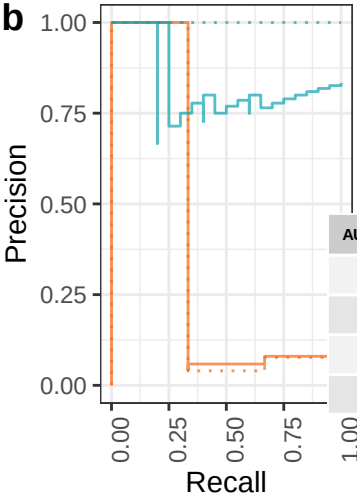
AUROC	AUPR	fit	shuffle	pos
0.97	0.77	Train	False	2
0.41	0.06	Test	False	2
0.92	0.78	Train	True	2
0.47	0.07	Test	True	2





Performance: cc_polynuclear_n_objects

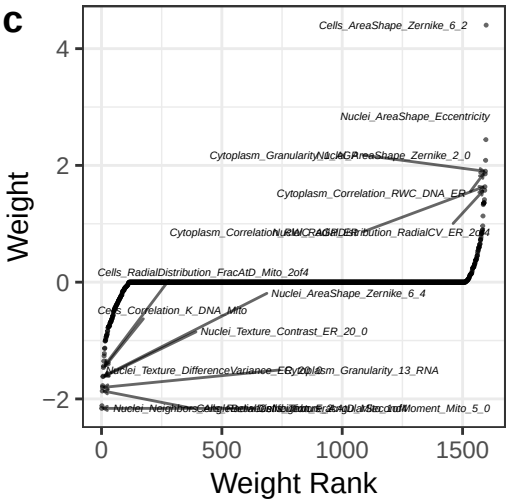


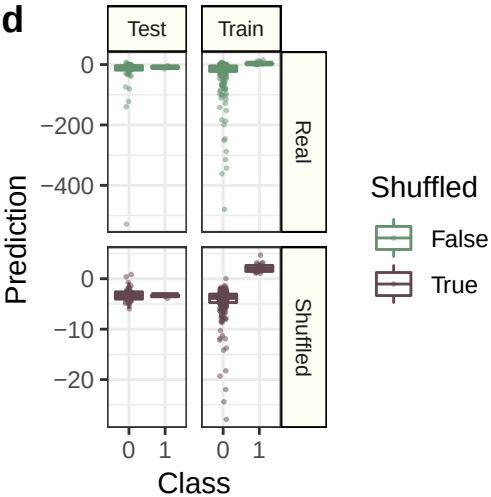


Data: Real Shuffled

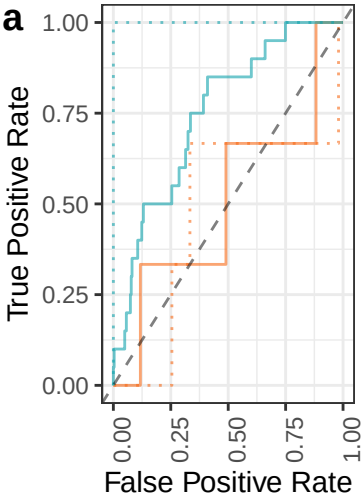
Fit: Test Train

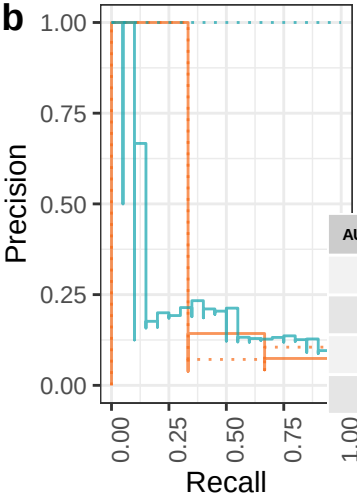
AUROC	AUPR	fit	shuffle	pos
0.99	0.83	Train	False	2
0.52	0.07	Test	False	2
1.00	1.00	Train	True	2
0.44	0.06	Test	True	2





Performance: cc_polyploid_n_objects

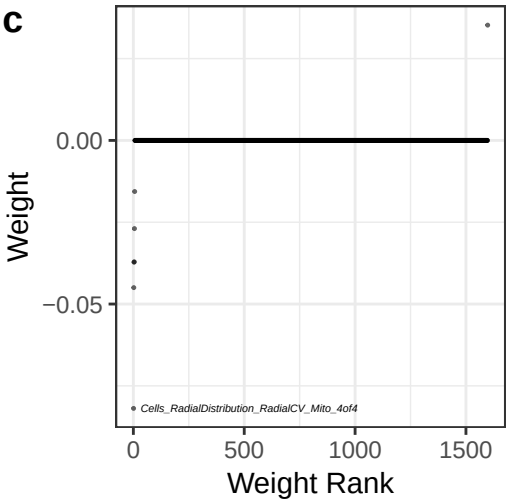


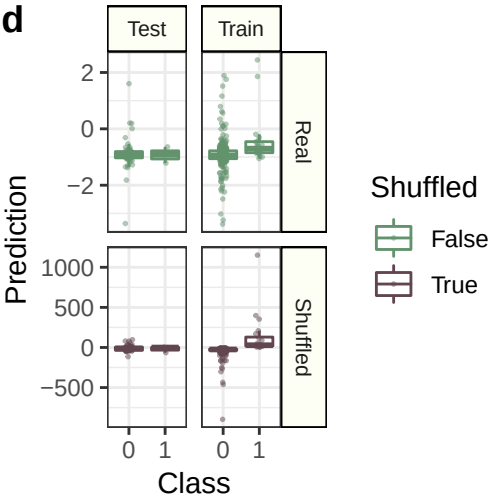


Data: Real Shuffled

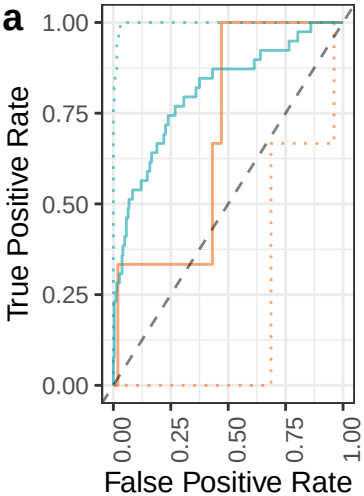
Fit: Test Train

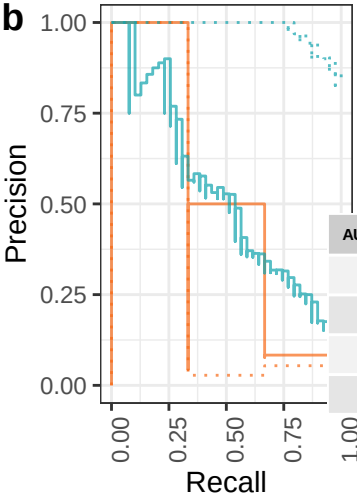
AUROC	AUPR	fit	shuffle	pos
0.75	0.22	Train	False	2
0.50	0.09	Test	False	2
1.00	1.00	Train	True	2
0.48	0.08	Test	True	2





Performance: cc_polyploid_n_spots_mean

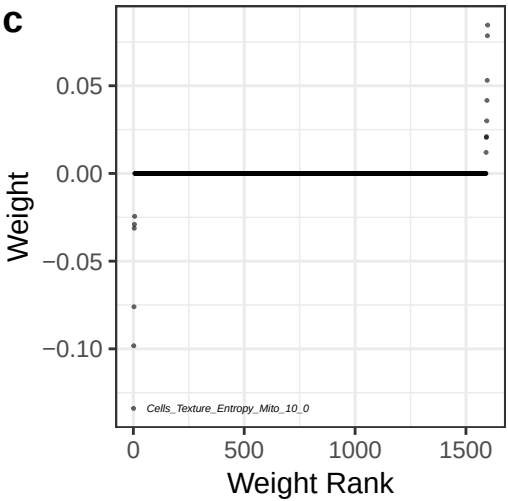


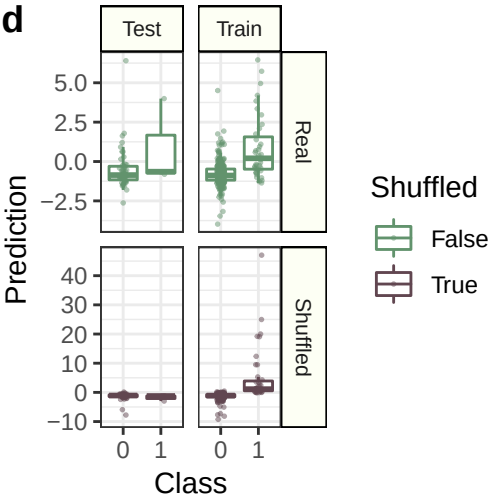


Data: Real Shuffled

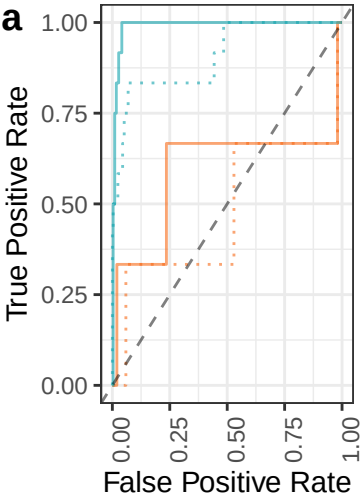
Fit: Test Train

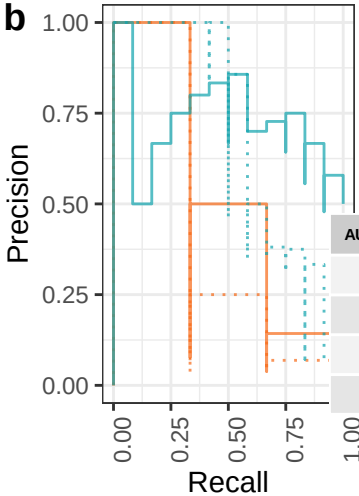
AUROC	AUPR	fit	shuffle	pos
0.81	0.52	Train	False	3
0.69	0.23	Test	False	3
1.00	0.98	Train	True	3
0.22	0.05	Test	True	3





Performance: vb_percent_all_late_apoptosis

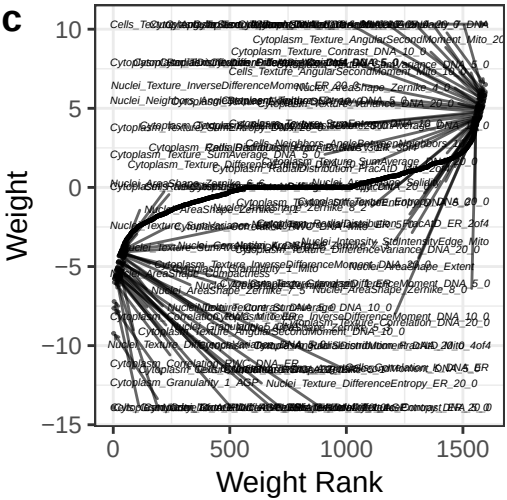


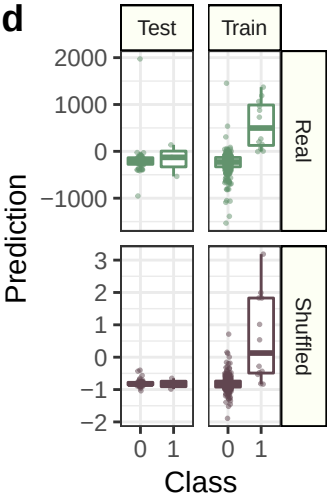


Data: Real Shuffled

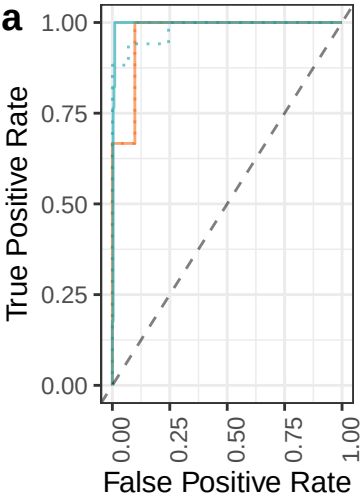
Fit: Test Train

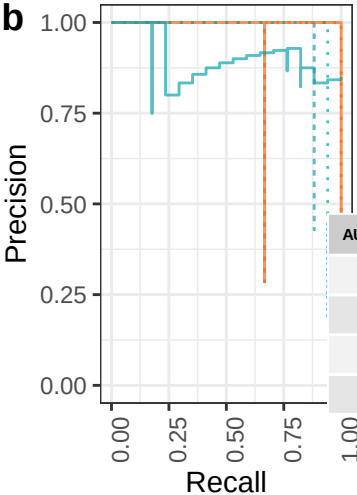
AUROC	AUPR	fit	shuffle	pos
0.99	0.69	Train	False	1
0.59	0.23	Test	False	1
0.91	0.63	Train	True	1
0.48	0.13	Test	True	1





Performance: vb_percent_dead

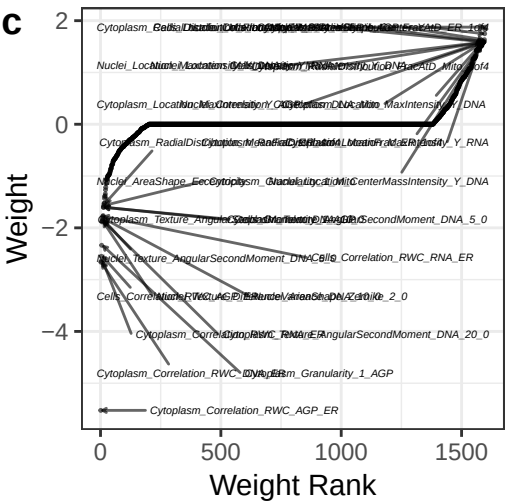


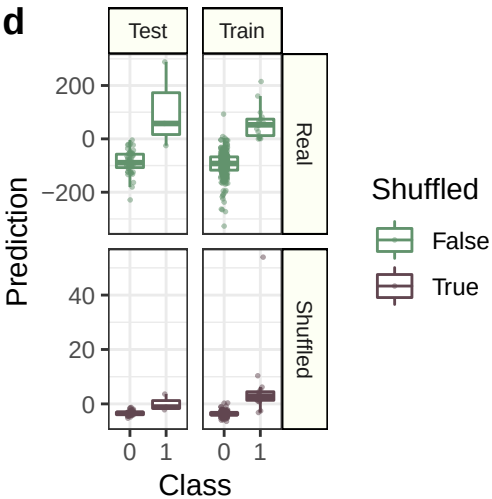


Data: Real Shuffled

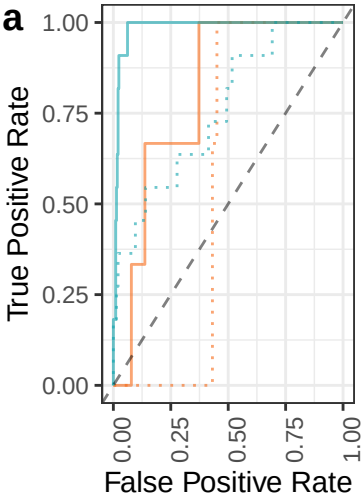
Fit: Test Train

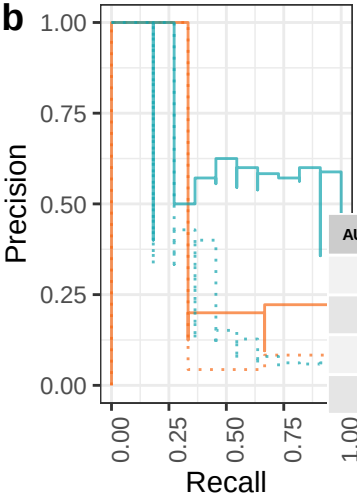
AUROC	AUPR	fit	shuffle	pos
1.00	0.90	Train	False	1
0.97	0.79	Test	False	1
0.98	0.92	Train	True	1
0.97	0.79	Test	True	1





Performance: vb_ros_mean

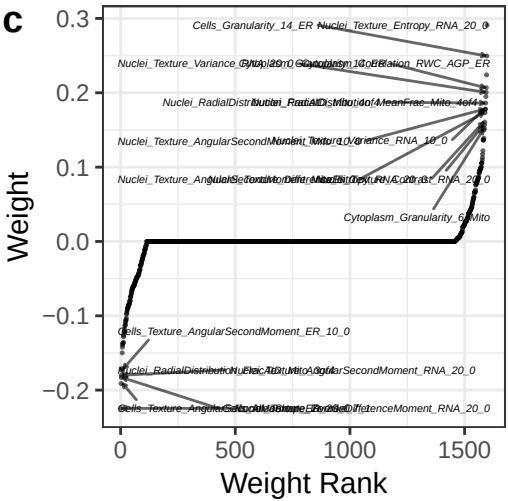


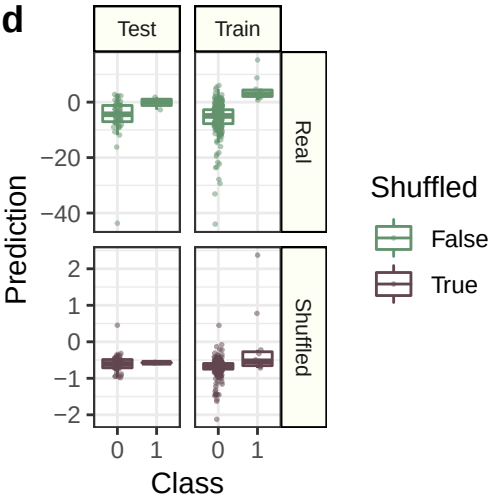


Data: Real Shuffled

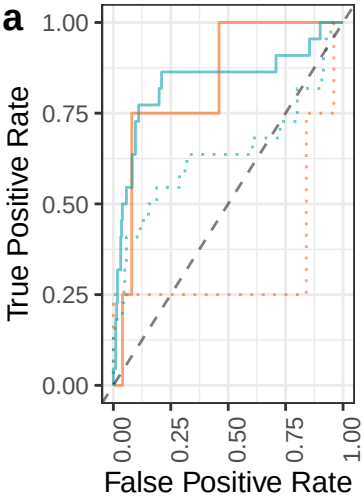
Fit: Test Train

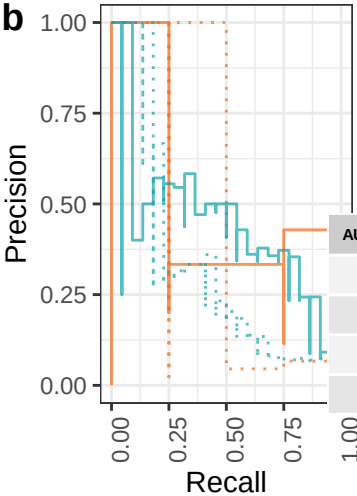
AUROC	AUPR	fit	shuffle	pos
0.98	0.64	Train	False	1
0.80	0.19	Test	False	1
0.76	0.31	Train	True	1
0.56	0.08	Test	True	1





Performance: cc_cc_g1_mean

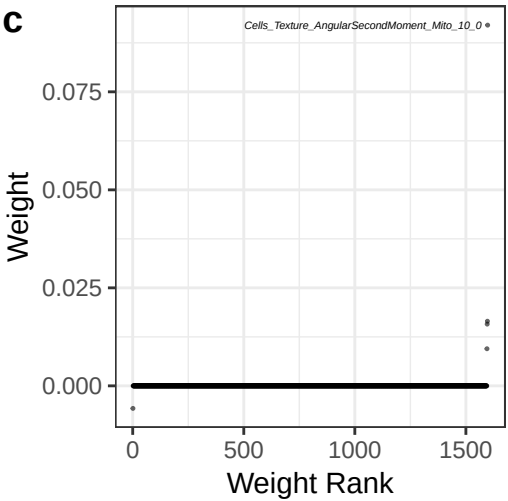


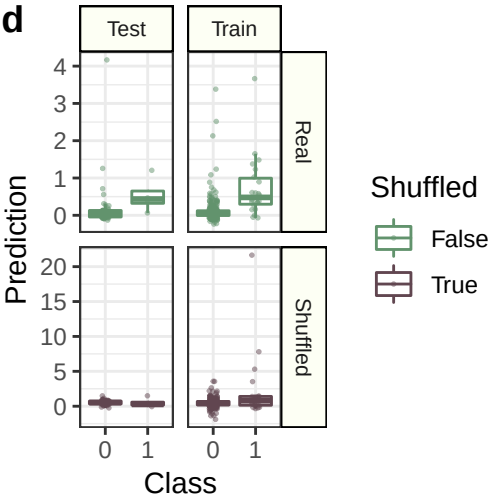


Data: Real Shuffled

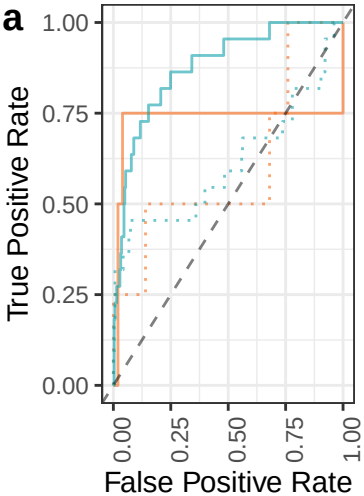
Fit: Test Train

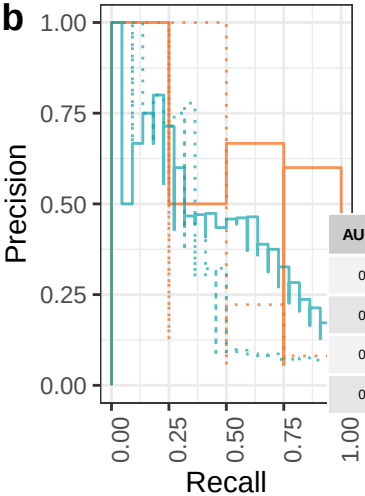
AUROC	AUPR	fit	shuffle	pos
0.84	0.41	Train	False	2
0.84	0.31	Test	False	2
0.64	0.31	Train	True	2
0.34	0.30	Test	True	2





Performance: cc_cc_high_n_spots_h2ax_mean

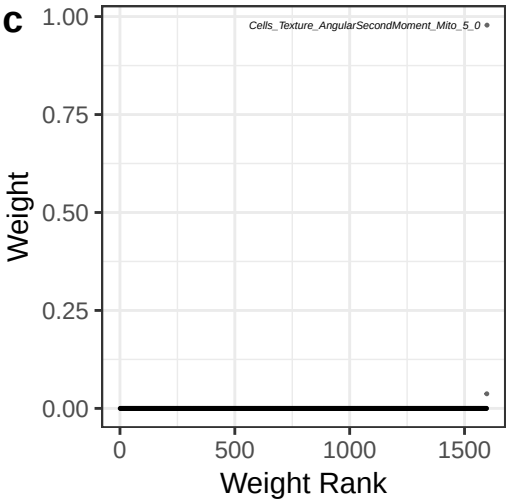


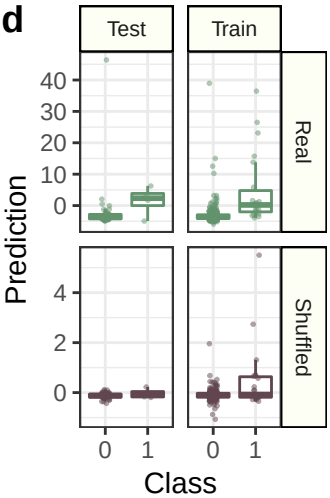


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos
0.88	0.43	Train	False	2
0.73	0.46	Test	False	2
0.61	0.35	Train	True	2
0.60	0.35	Test	True	2



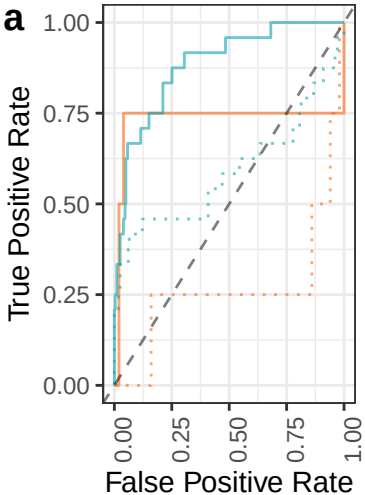


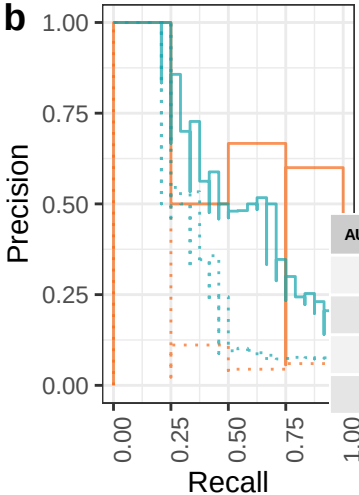
Shuffled

False

True

Performance: cc_g1_high_n_spots_h2ax_mean

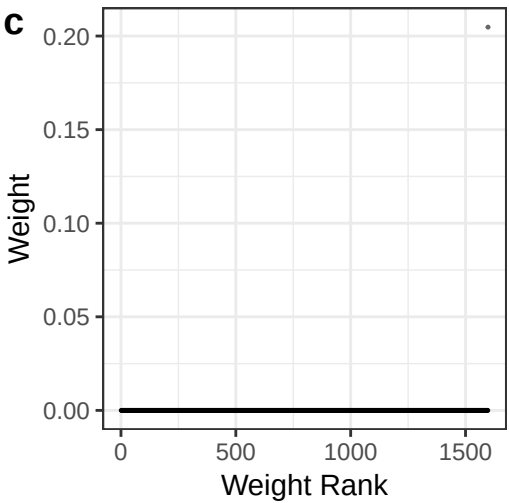


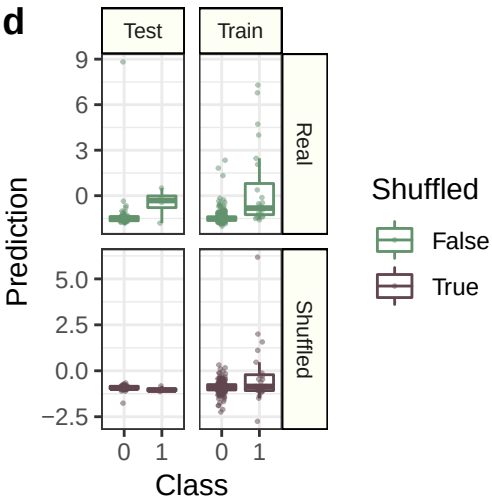


Data: Real Shuffled

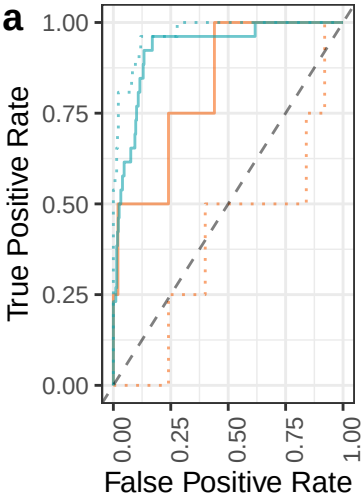
Fit: Test Train

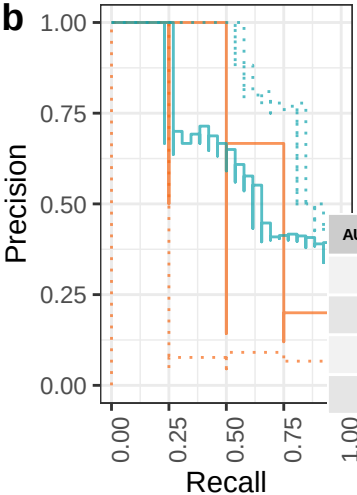
AUROC	AUPR	fit	shuffle	pos
0.88	0.55	Train	False	2
0.73	0.46	Test	False	2
0.59	0.36	Train	True	2
0.26	0.07	Test	True	2





Performance: cc_g2_ph3_neg_high_n_spots_h2ax_mean

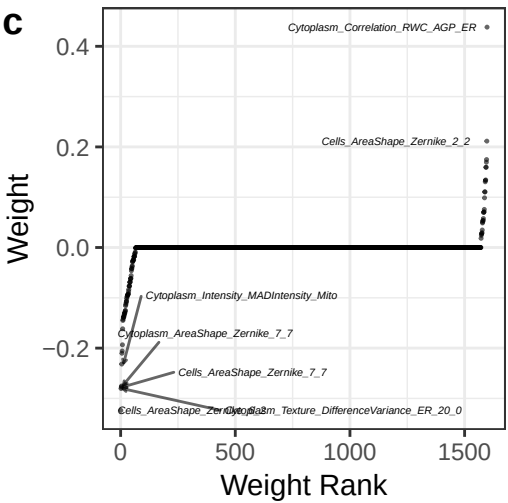


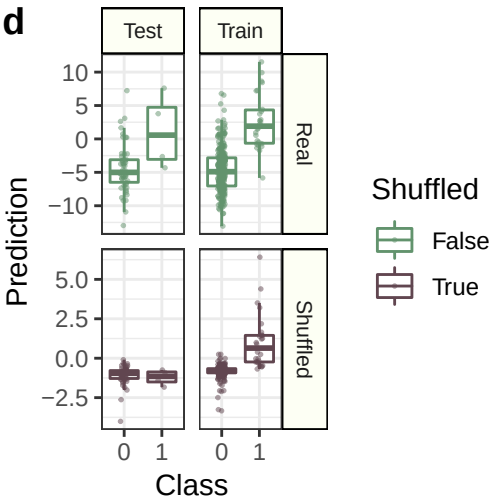


Data: Real Shuffled

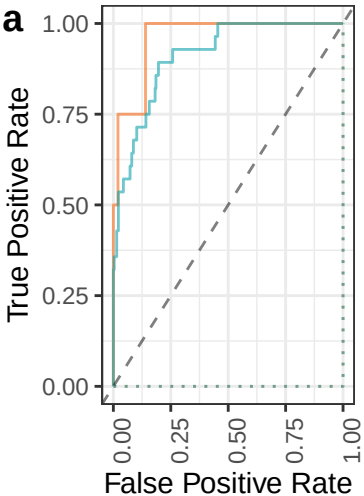
Fit: Test Train

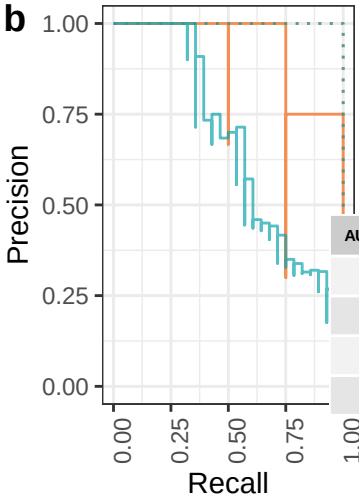
AUROC	AUPR	fit	shuffle	pos
0.93	0.63	Train	False	2
0.82	0.51	Test	False	2
0.97	0.83	Train	True	2
0.40	0.08	Test	True	2





Performance: cc_g2_ph3_neg_n_spots_per_nucleus_area_

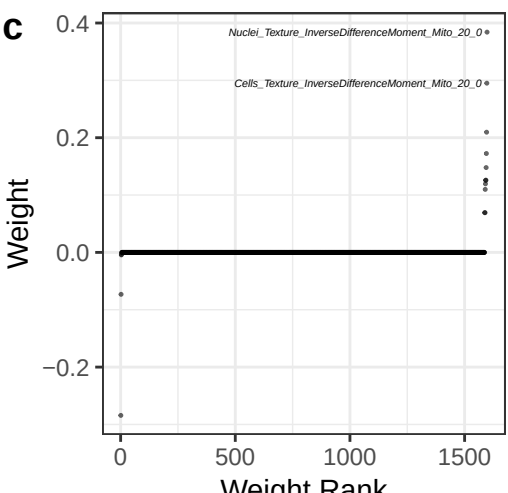


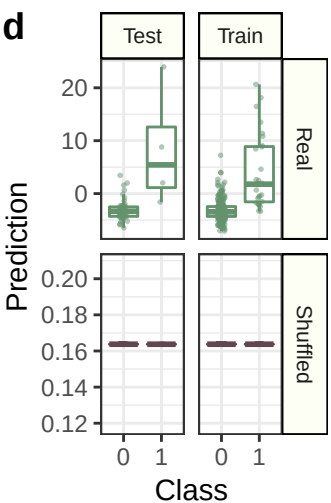


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos
0.91	0.65	Train	False	2
0.96	0.78	Test	False	2
0.50	0.09	Train	True	2
0.50	0.07	Test	True	2



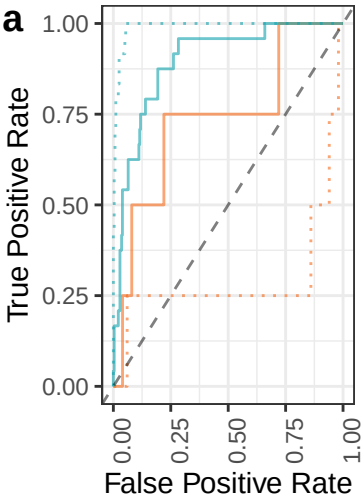


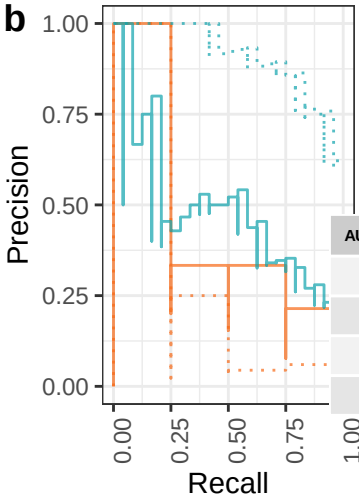
Shuffled

False

True

Performance: cc_g2_ph3_pos_high_n_spots_h2ax_mean

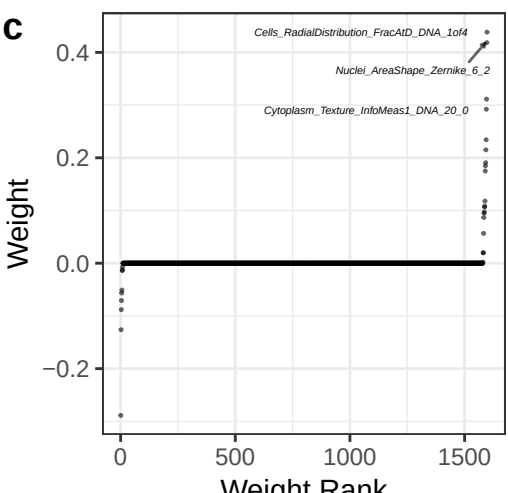


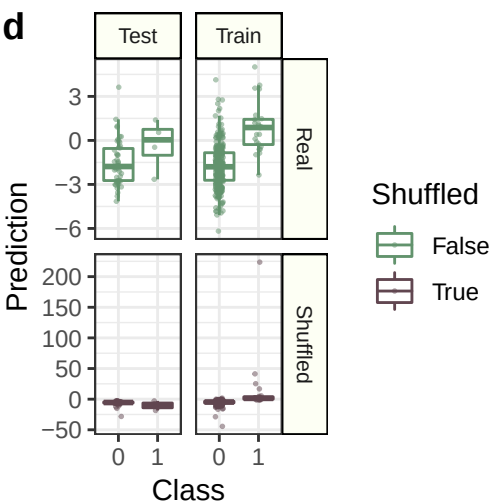


Data: Real Shuffled

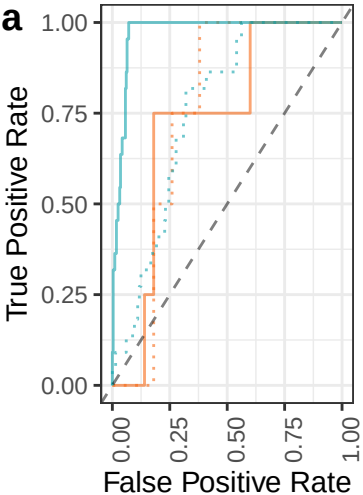
Fit: Test Train

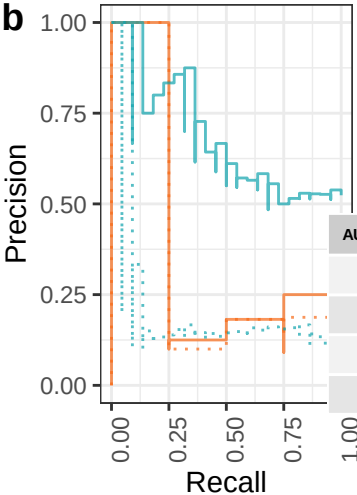
AUROC	AUPR	fit	shuffle	pos
0.90	0.46	Train	False	2
0.74	0.25	Test	False	2
0.99	0.90	Train	True	2
0.29	0.11	Test	True	2





Performance: cc_mitosis_ph3_neg_n_objects

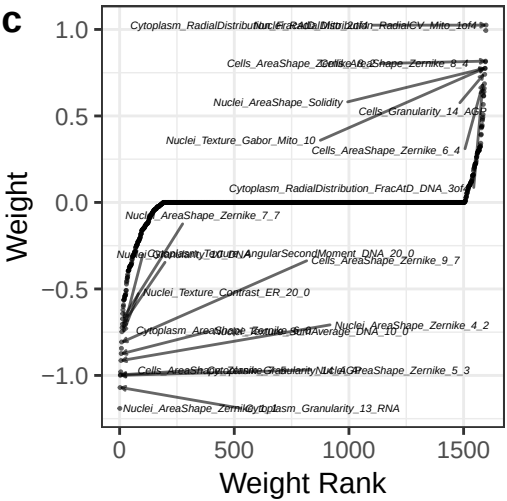


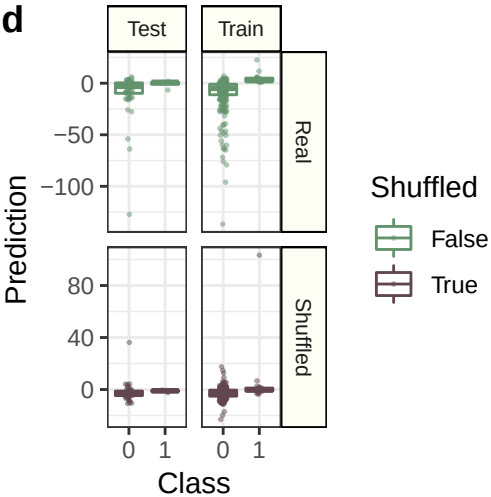


Data: Real Shuffled

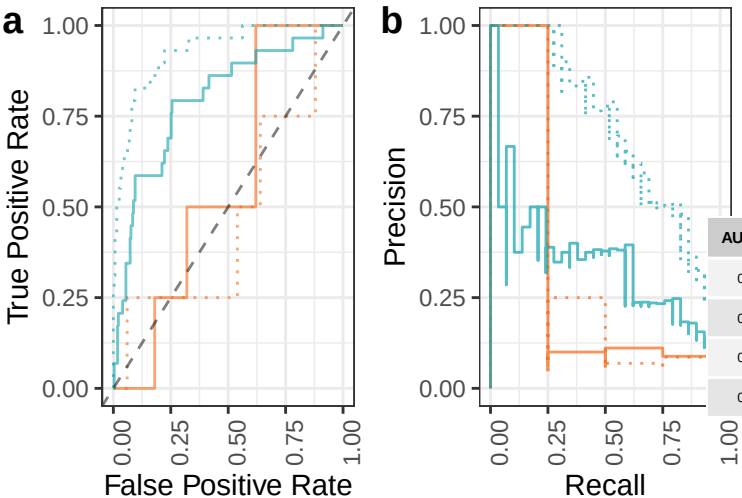
Fit: Test Train

AUROC	AUPR	fit	shuffle	pos
0.97	0.67	Train	False	2
0.73	0.17	Test	False	2
0.75	0.19	Train	True	2
0.75	0.16	Test	True	2

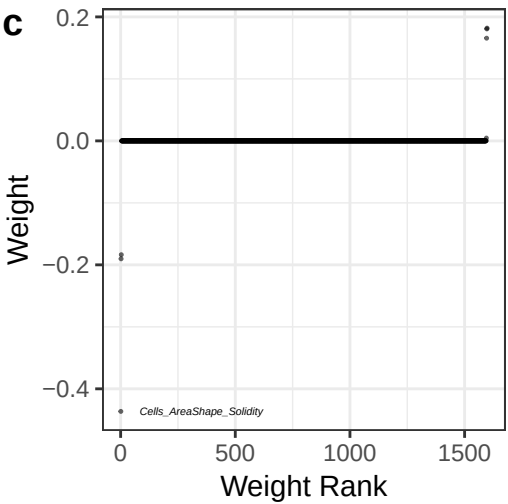


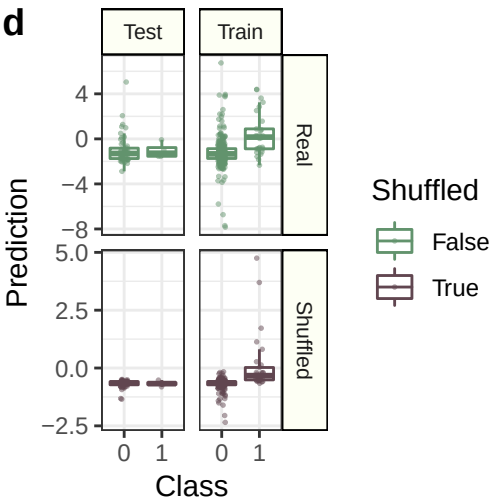


Performance: cc_polynuclear_n_spots_mean

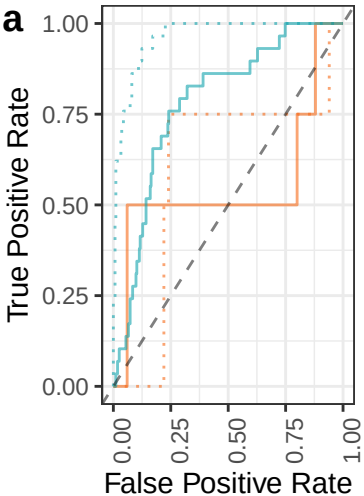


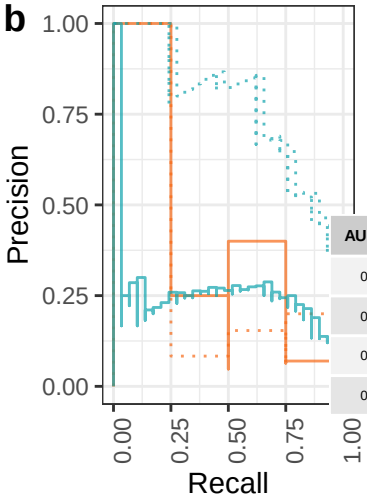
AUROC	AUPR	fit	shuffle	pos
0.80	0.33	Train	False	2
0.57	0.10	Test	False	2
0.93	0.70	Train	True	2
0.47	0.12	Test	True	2





Performance: cc_polynuclear_n_spots_per_nucleus_area_

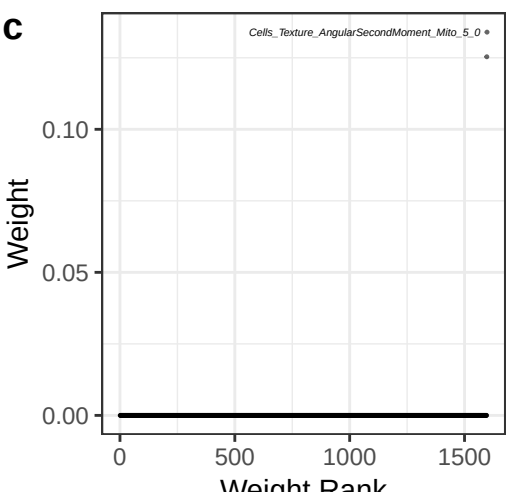


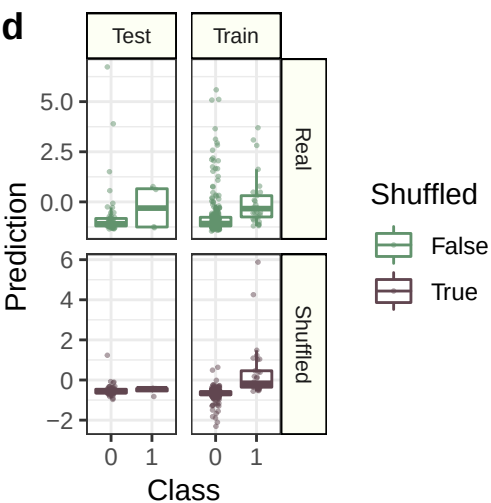


Data: Real Shuffled

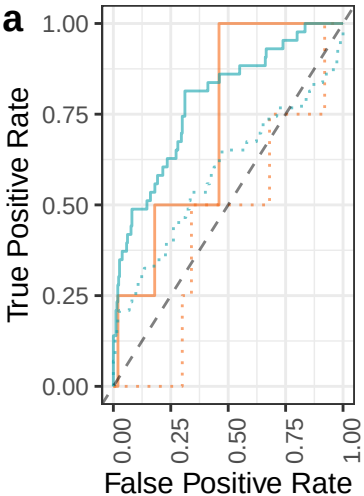
Fit: Test Train

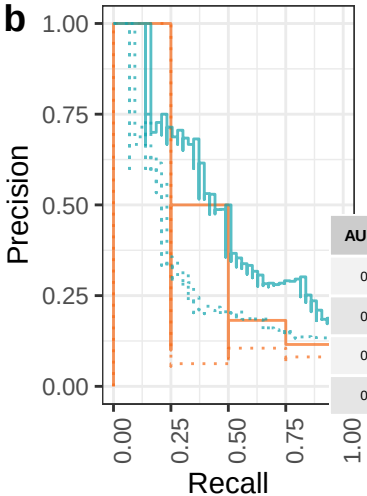
AUROC	AUPR	fit	shuffle	pos
0.78	0.24	Train	False	2
0.55	0.20	Test	False	2
0.96	0.76	Train	True	2
0.60	0.13	Test	True	2





Performance: cc_polyploid_n_spots_per_nucleus_area_mo

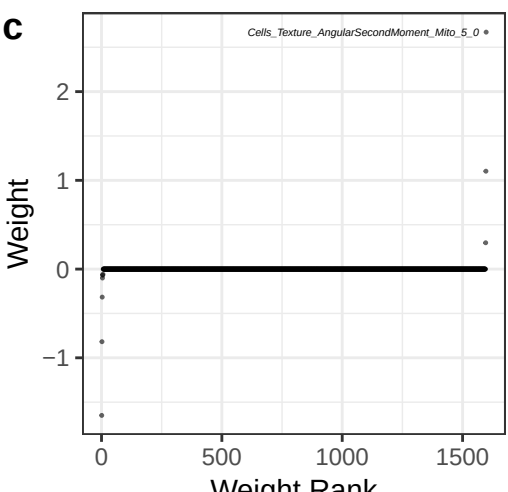


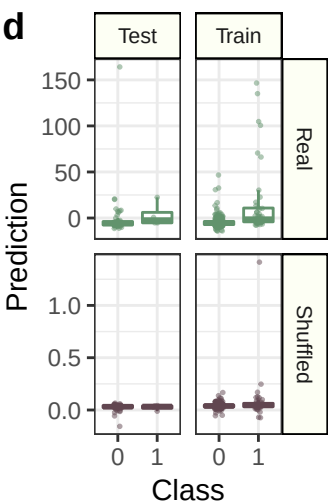


Data: Real Shuffled

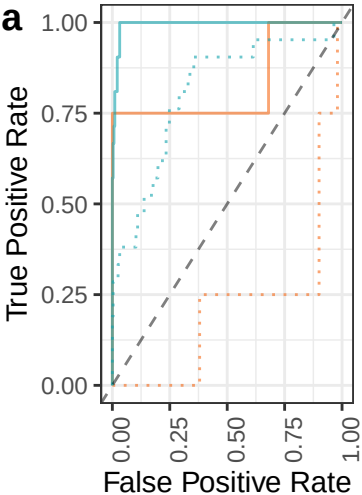
Fit: Test Train

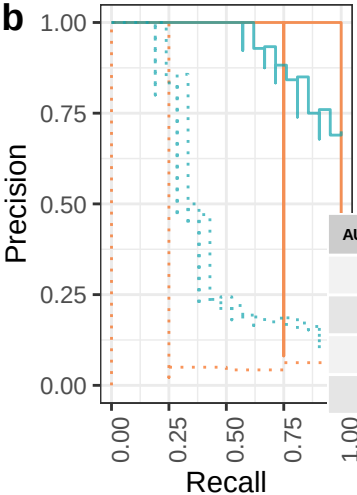
AUROC	AUPR	fit	shuffle	pos
0.79	0.50	Train	False	4
0.72	0.24	Test	False	4
0.59	0.32	Train	True	4
0.44	0.08	Test	True	4





Performance: vb_percent_dead_only

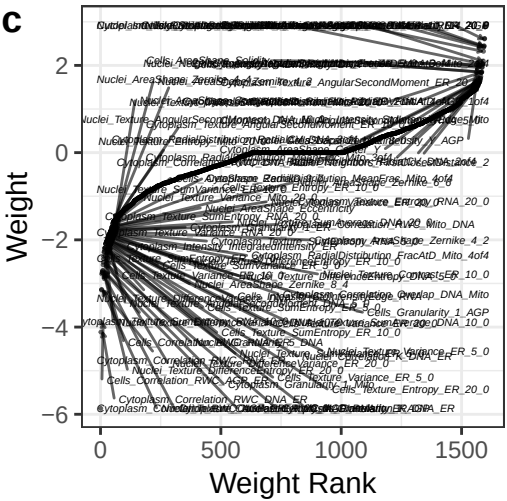


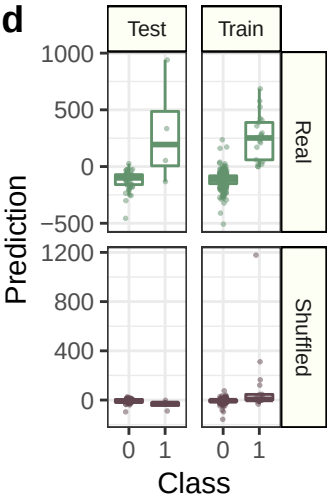


Data: Real Shuffled

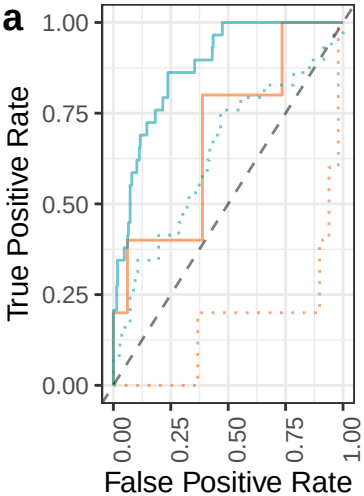
Fit: Test Train

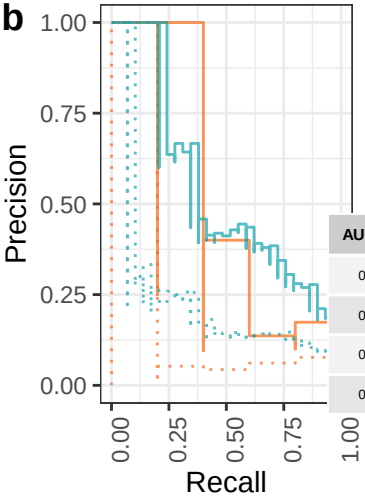
AUROC	AUPR	fit	shuffle	pos
0.99	0.92	Train	False	2
0.83	0.78	Test	False	2
0.81	0.43	Train	True	2
0.21	0.06	Test	True	2





Performance: cc_all_n_spots_mean

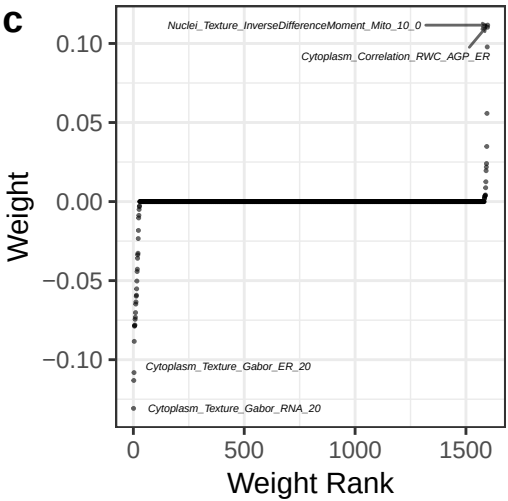


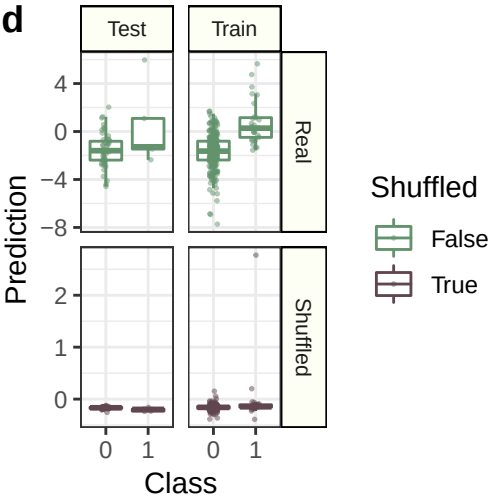


Data: Real Shuffled

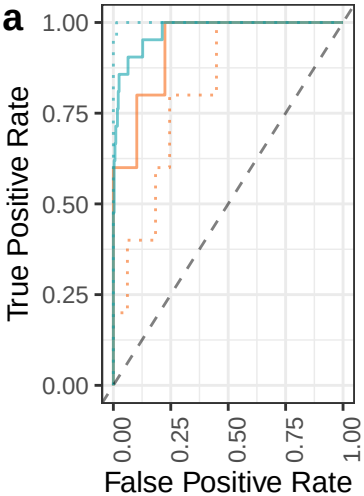
Fit: Test Train

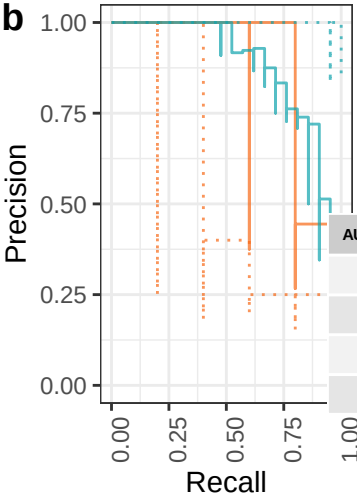
AUROC	AUPR	fit	shuffle	pos
0.88	0.52	Train	False	2
0.69	0.37	Test	False	2
0.64	0.23	Train	True	2
0.17	0.07	Test	True	2





Performance: cc_all_nucleus_area_mean

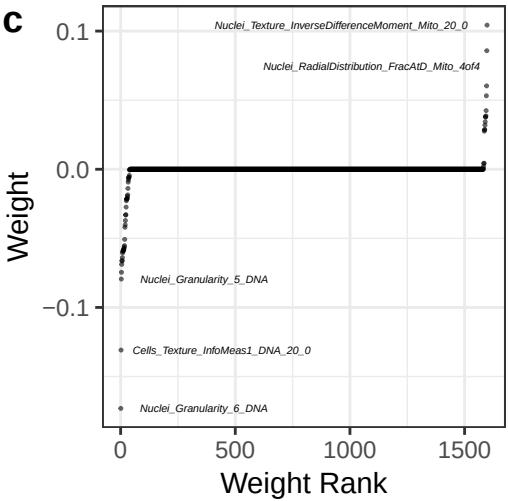


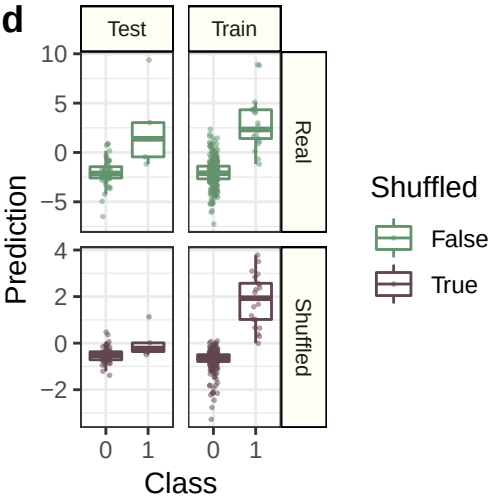


Data: Real Shuffled

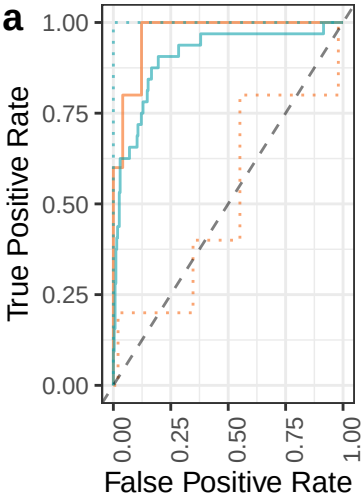
Fit: Test Train

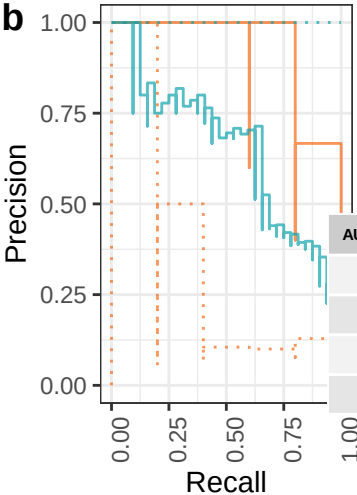
AUROC	AUPR	fit	shuffle	pos
0.98	0.85	Train	False	2
0.93	0.75	Test	False	2
1.00	0.99	Train	True	2
0.81	0.42	Test	True	2





Performance: cc_cc_g2_ph3_pos_early_mitosis_mean

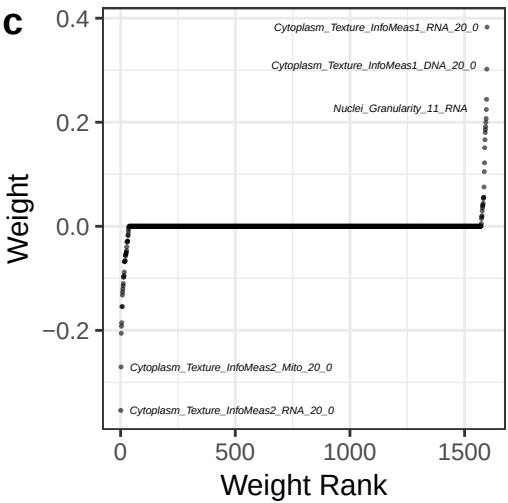


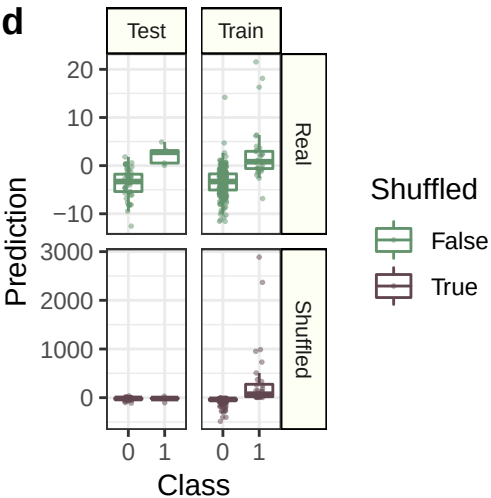


Data: Real Shuffled

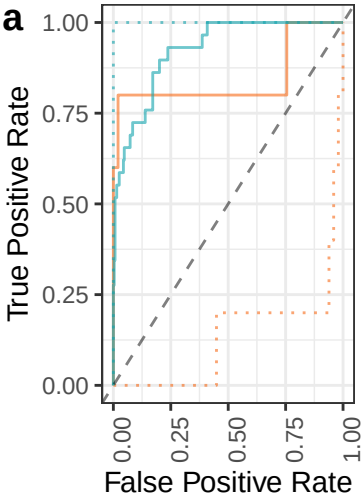
Fit: Test Train

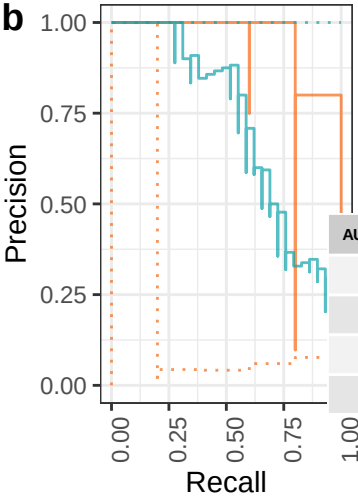
AUROC	AUPR	fit	shuffle	pos
0.90	0.63	Train	False	3
0.97	0.82	Test	False	3
1.00	1.00	Train	True	3
0.51	0.19	Test	True	3





Performance: cc_cc_n_spots_mean

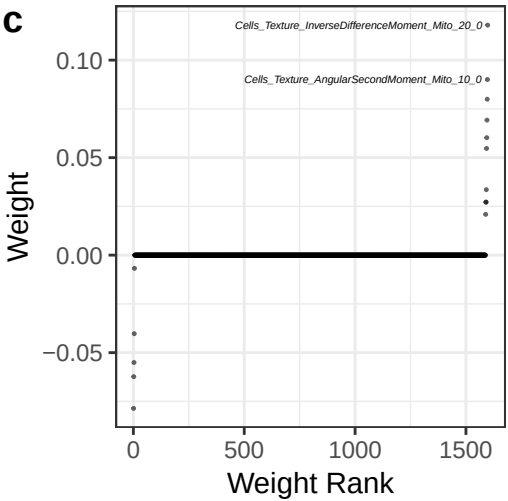


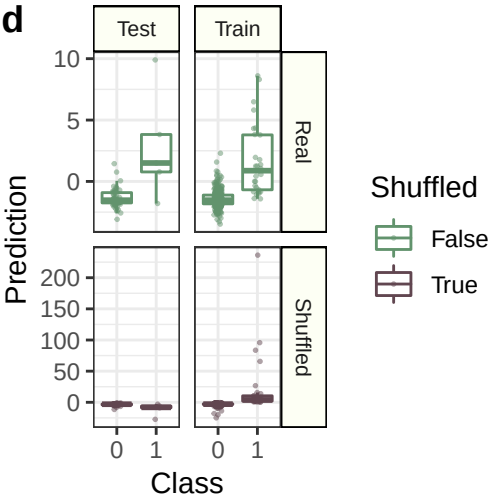


Data: Real Shuffled

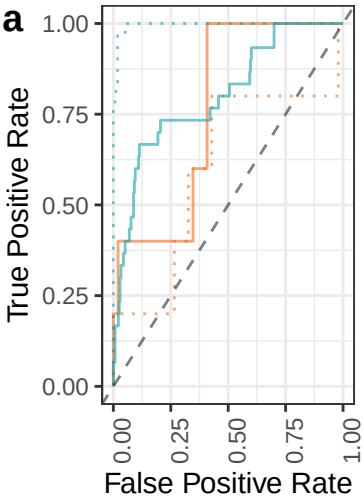
Fit: Test Train

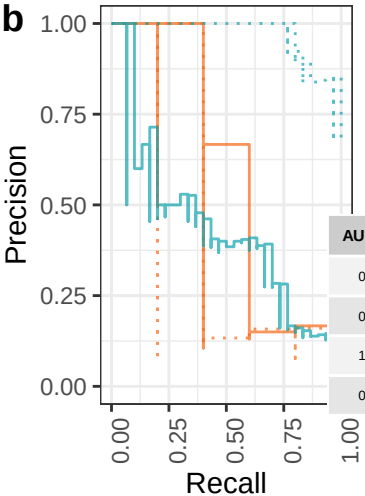
AUROC	AUPR	fit	shuffle	pos
0.92	0.70	Train	False	2
0.84	0.78	Test	False	2
1.00	1.00	Train	True	2
0.13	0.06	Test	True	2





Performance: cc_edu_pos_n_spots_per_nucleus_area_me

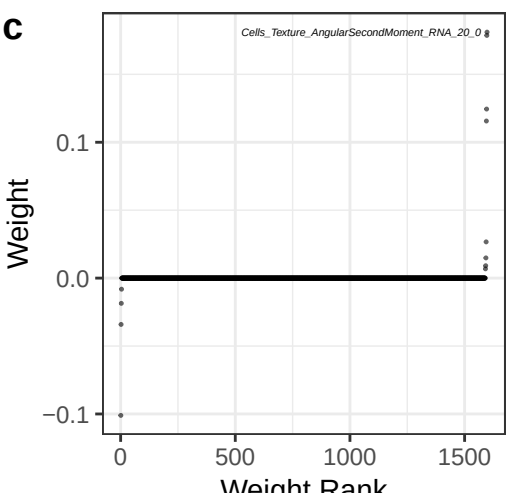


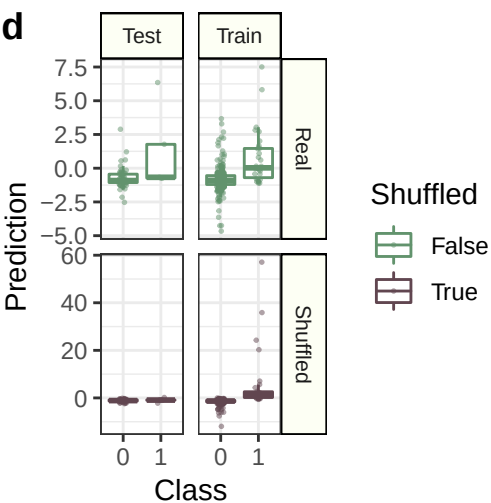


Data: Real Shuffled

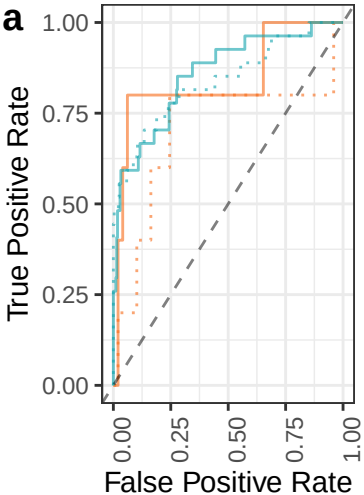
Fit: Test Train

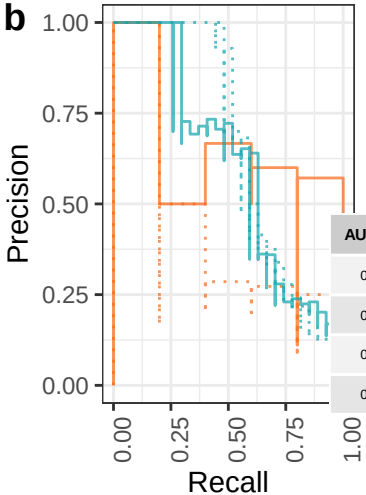
AUROC	AUPR	fit	shuffle	pos
0.80	0.41	Train	False	3
0.76	0.44	Test	False	3
1.00	0.96	Train	True	3
0.60	0.31	Test	True	3





Performance: cc_g1_n_spots_mean

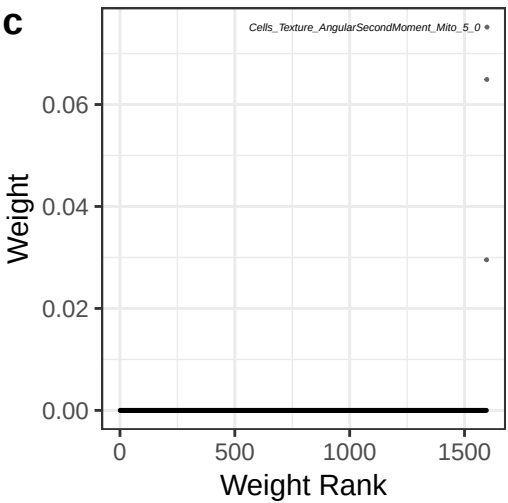


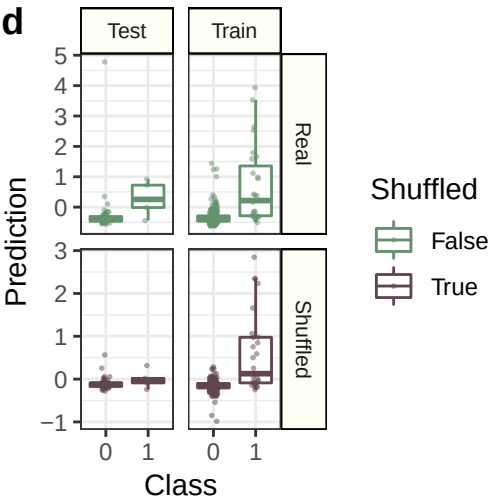


Data: Real Shuffled

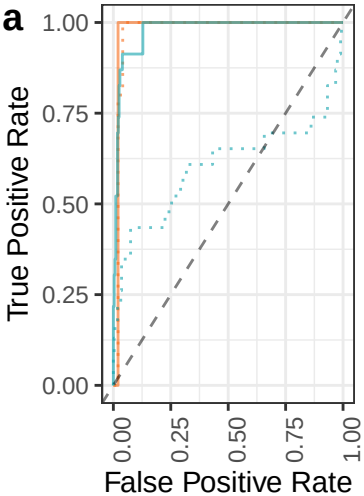
Fit: Test Train

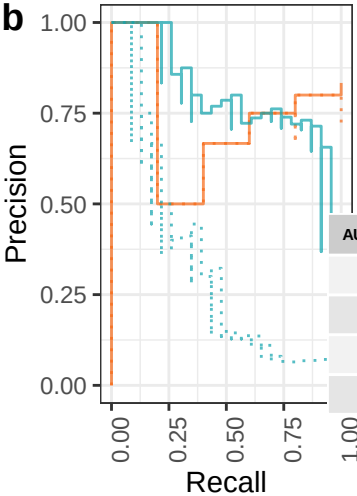
AUROC	AUPR	fit	shuffle	pos
0.86	0.58	Train	False	2
0.84	0.49	Test	False	2
0.84	0.64	Train	True	2
0.70	0.28	Test	True	2





Performance: cc_g1_plus_g2

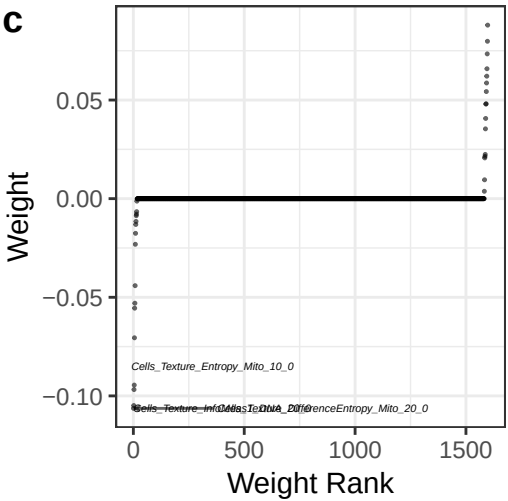


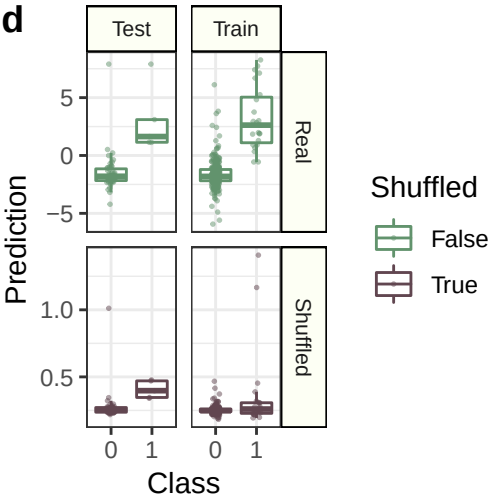


Data: Real Shuffled

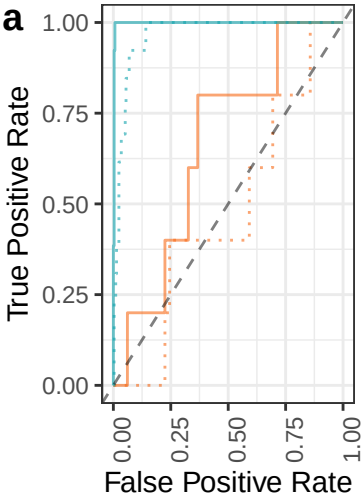
Fit: Test Train

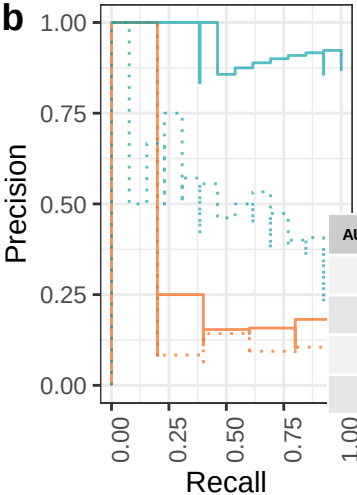
AUROC	AUPR	fit	shuffle	pos
0.98	0.78	Train	False	2
0.98	0.71	Test	False	2
0.60	0.31	Train	True	2
0.98	0.69	Test	True	2





Performance: cc_g2_ph3_pos_n_objects

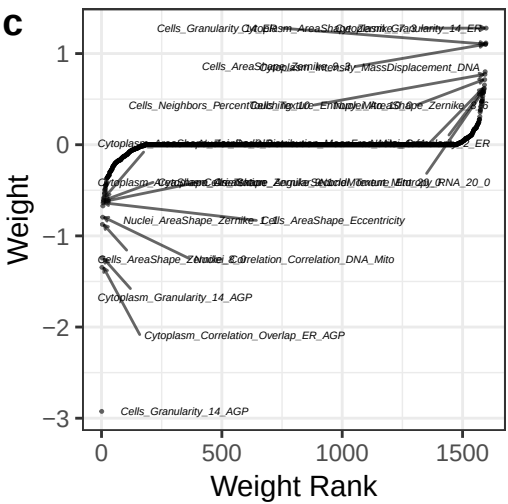


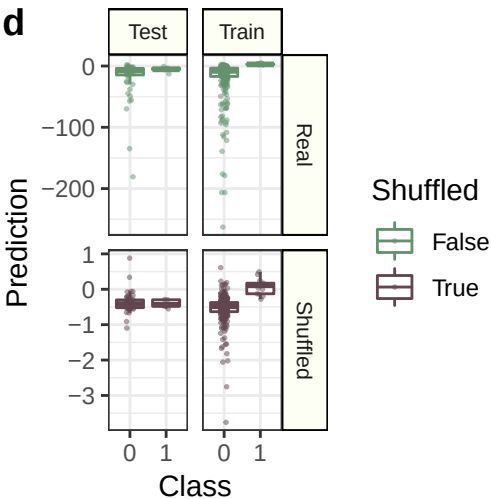


Data: Real Shuffled

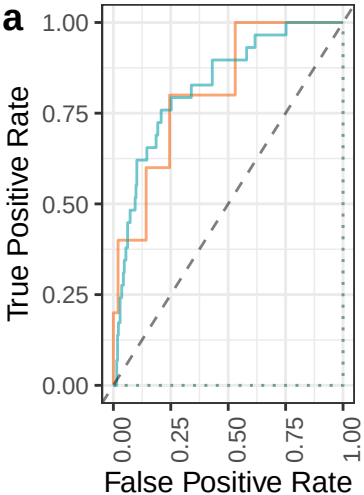
Fit: Test Train

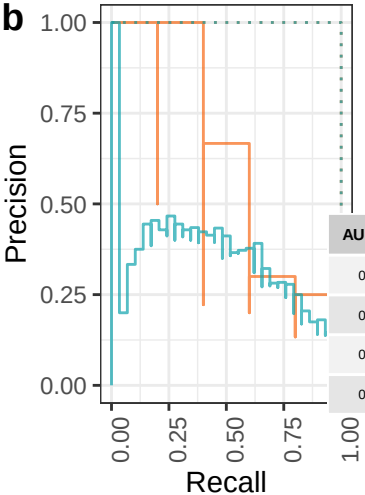
AUROC	AUPR	fit	shuffle	pos
1.00	0.93	Train	False	1
0.66	0.17	Test	False	1
0.96	0.50	Train	True	1
0.48	0.11	Test	True	1





Performance: cc_g2_ph3_pos_n_spots_mean

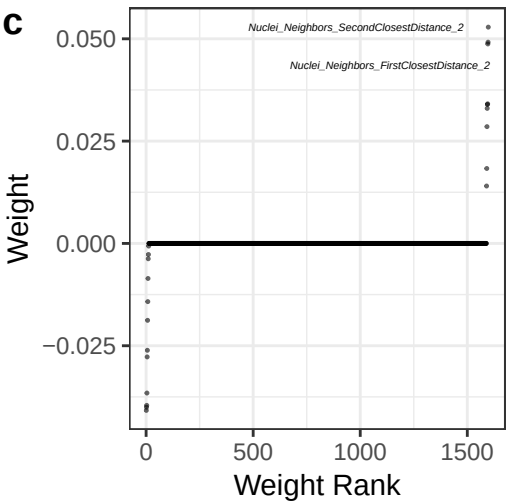


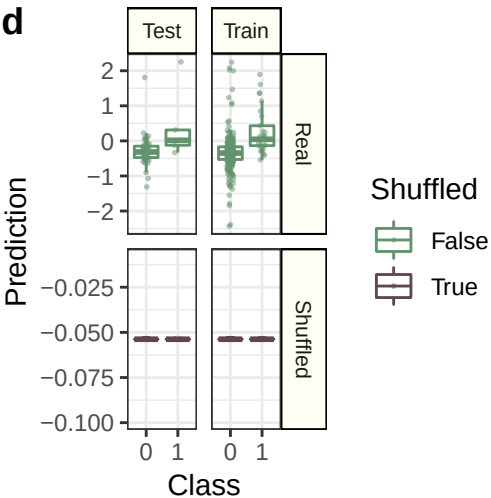


Data: Real Shuffled

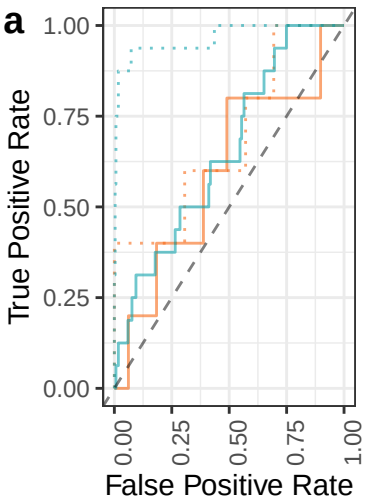
Fit: Test Train

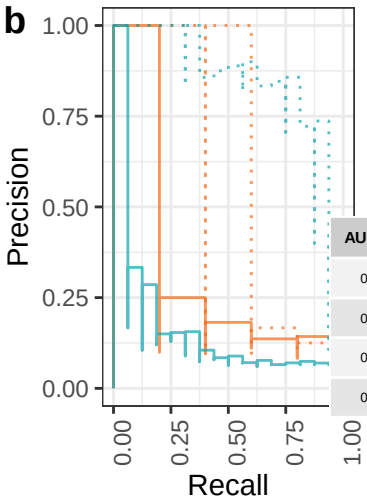
AUROC	AUPR	fit	shuffle	pos
0.83	0.33	Train	False	2
0.81	0.48	Test	False	2
0.50	0.10	Train	True	2
0.50	0.09	Test	True	2





Performance: cc_mitosis_ph3_neg_high_n_spots_h2ax_m

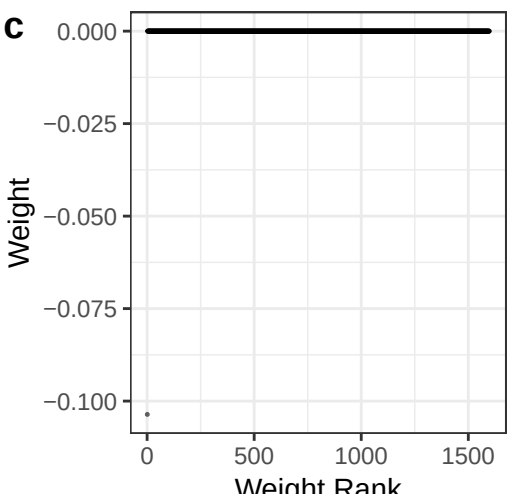


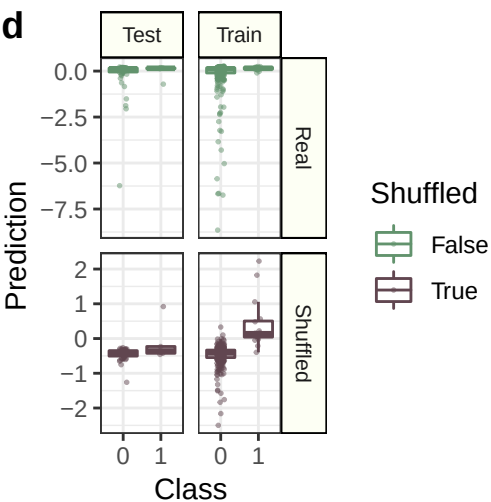


Data: Real Shuffled

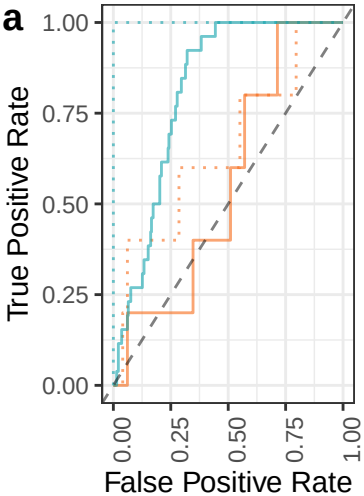
Fit: Test Train

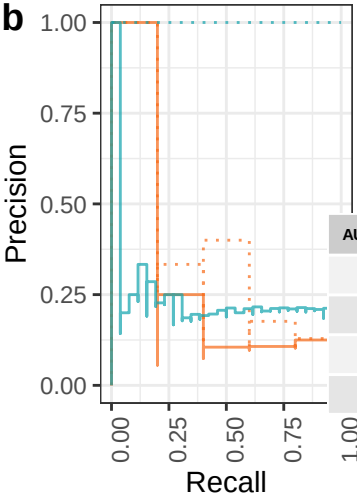
AUROC	AUPR	fit	shuffle	pos
0.65	0.12	Train	False	1
0.60	0.16	Test	False	1
0.96	0.82	Train	True	1
0.69	0.48	Test	True	1





Performance: cc_mitosis_ph3_neg_n_spots_mean

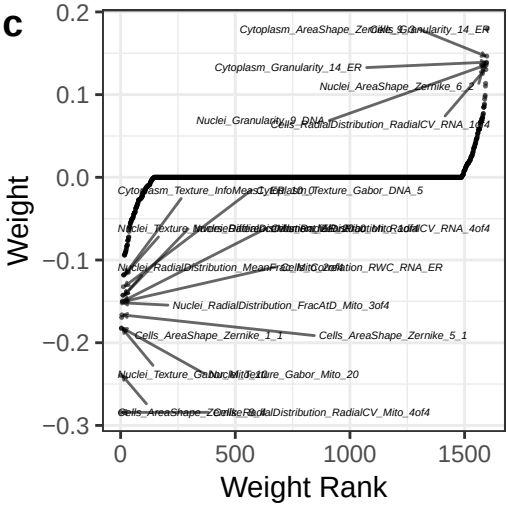


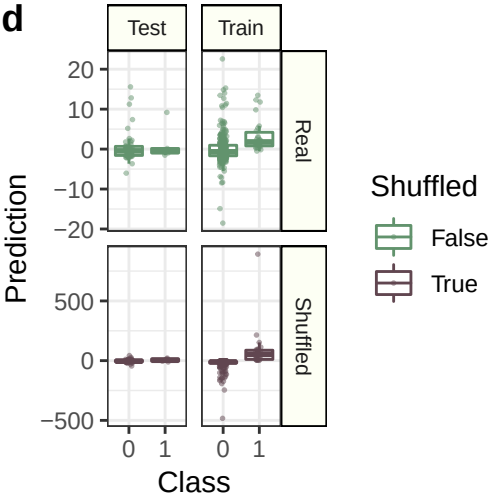


Data: Real Shuffled

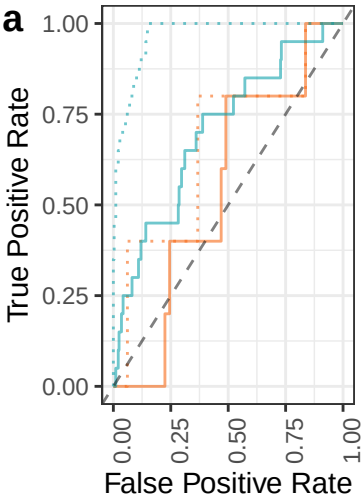
Fit: Test Train

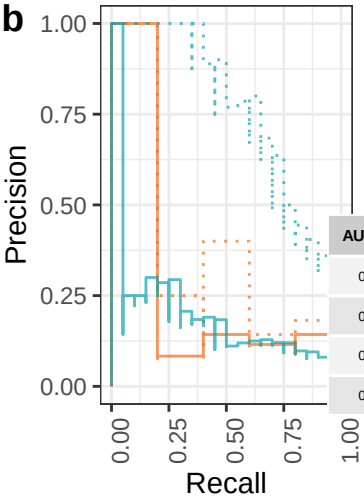
AUROC	AUPR	fit	shuffle	pos
0.81	0.22	Train	False	2
0.56	0.14	Test	False	2
1.00	1.00	Train	True	2
0.65	0.23	Test	True	2





Performance: cc_mitosis_ph3_neg_n_spots_per_nucleus_

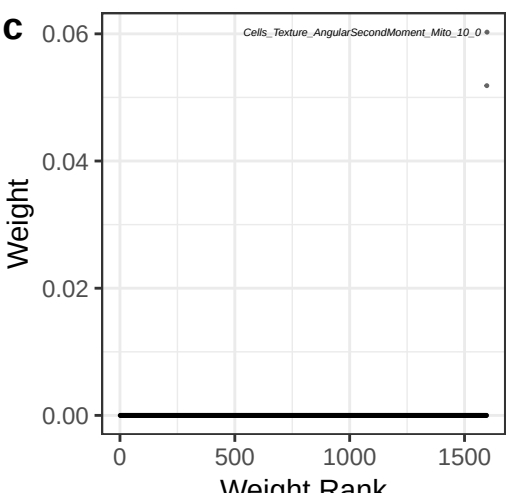


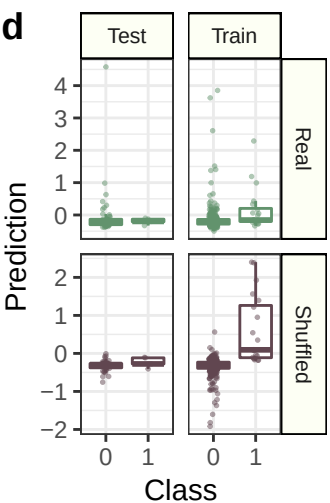


Data: Real Shuffled

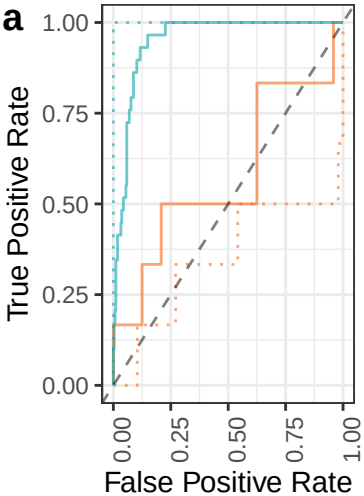
Fit: Test Train

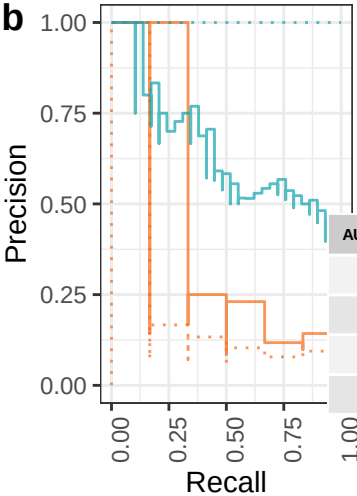
AUROC	AUPR	fit	shuffle	pos
0.70	0.16	Train	False	2
0.55	0.12	Test	False	2
0.96	0.74	Train	True	2
0.66	0.22	Test	True	2





Performance: cc_all_high_n_spots_h2ax_mean

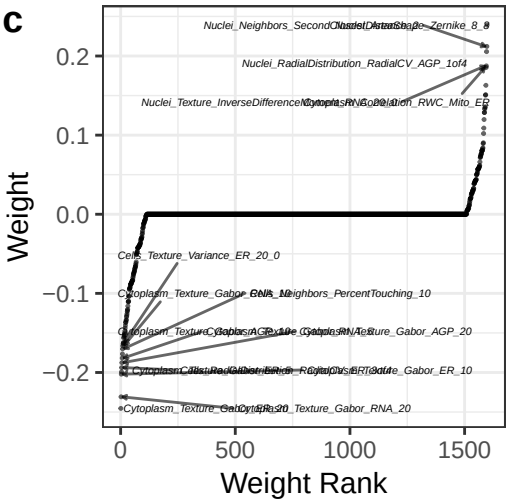


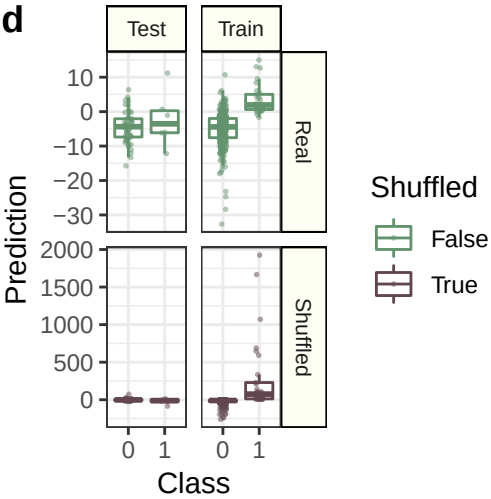


Data: Real Shuffled

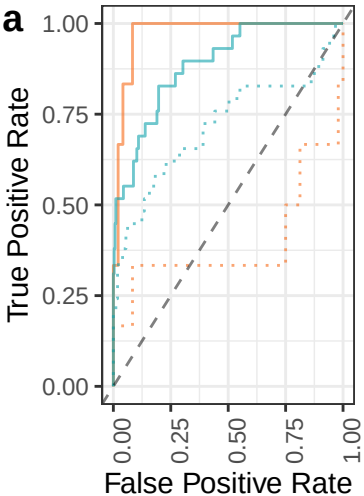
Fit: Test Train

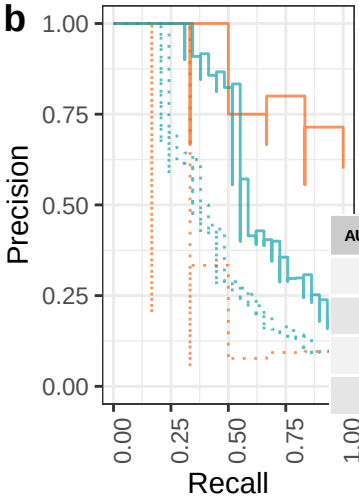
AUROC	AUPR	fit	shuffle	pos
0.95	0.63	Train	False	2
0.58	0.31	Test	False	2
1.00	1.00	Train	True	2
0.35	0.11	Test	True	2





Performance: cc_cc_n_spots_per_nucleus_area_mean

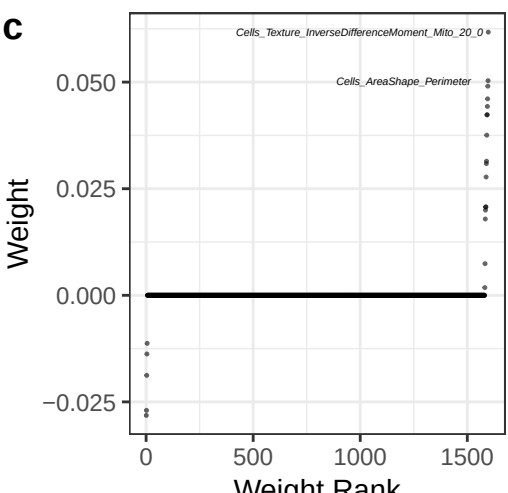


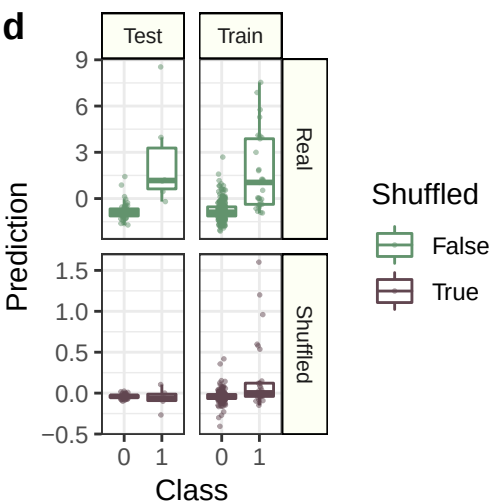


Data: Real Shuffled

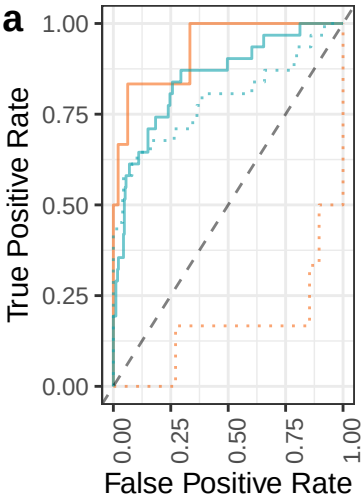
Fit: Test Train

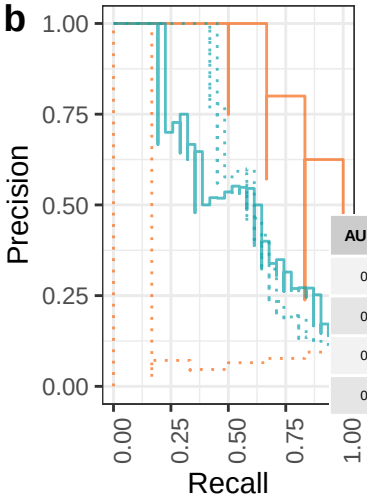
AUROC	AUPR	fit	shuffle	pos
0.89	0.64	Train	False	2
0.97	0.81	Test	False	2
0.72	0.44	Train	True	2
0.40	0.29	Test	True	2





Performance: cc_g1_n_spots_per_nucleus_area_mean

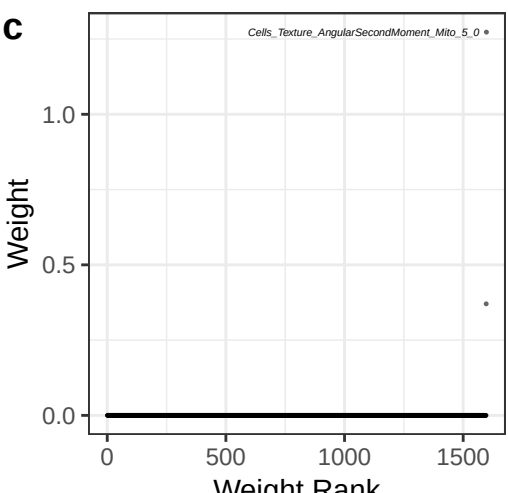


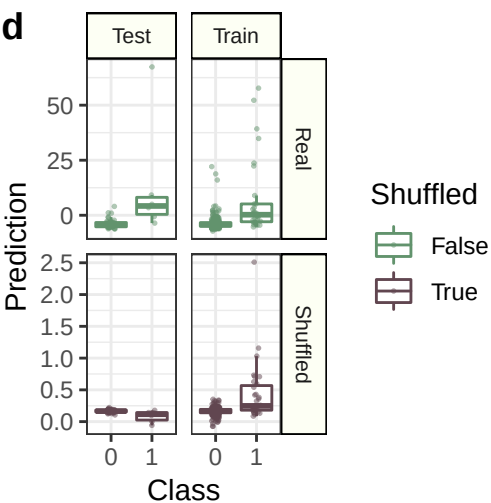


Data: Real Shuffled

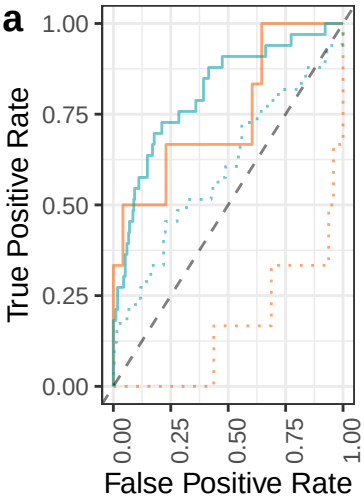
Fit: Test Train

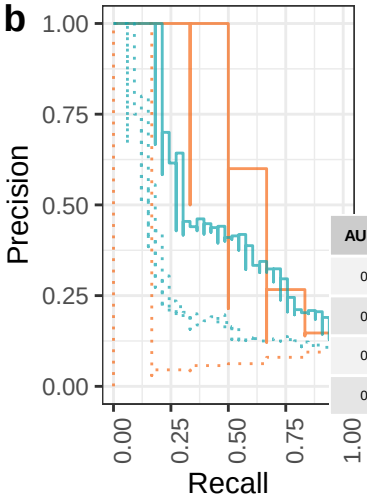
AUROC	AUPR	fit	shuffle	pos
0.85	0.54	Train	False	3
0.93	0.78	Test	False	3
0.79	0.61	Train	True	3
0.16	0.08	Test	True	3





Performance: cc_g2_ph3_pos_n_spots_per_nucleus_area_

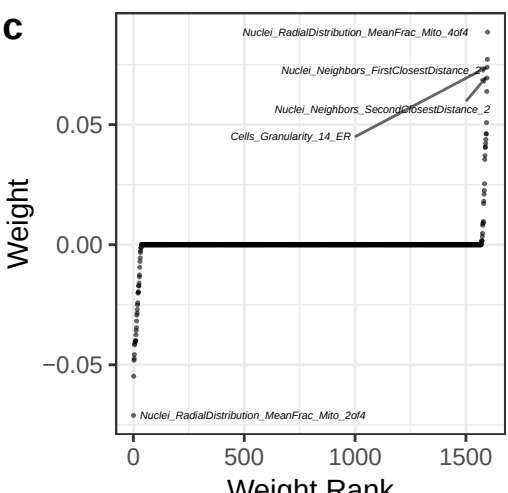


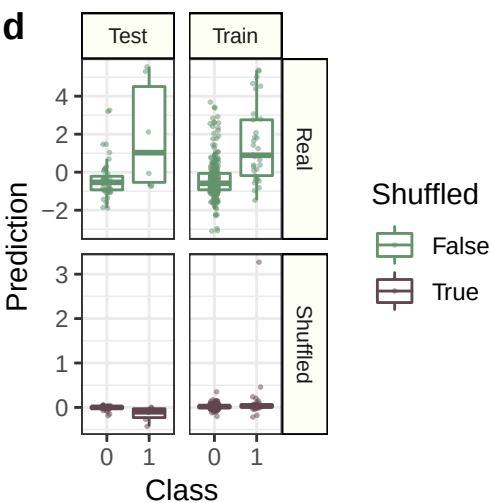


Data: Real Shuffled

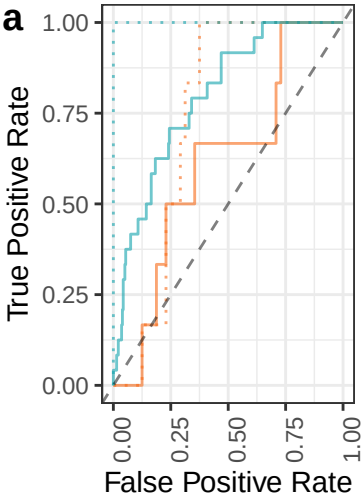
Fit: Test Train

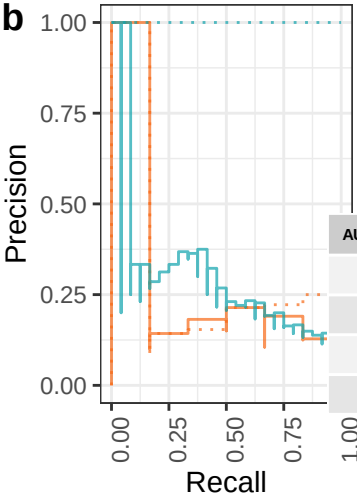
AUROC	AUPR	fit	shuffle	pos
0.81	0.47	Train	False	3
0.75	0.53	Test	False	3
0.60	0.26	Train	True	3
0.16	0.08	Test	True	3





Performance: cc_mitosis_ph3_pos_n_objects

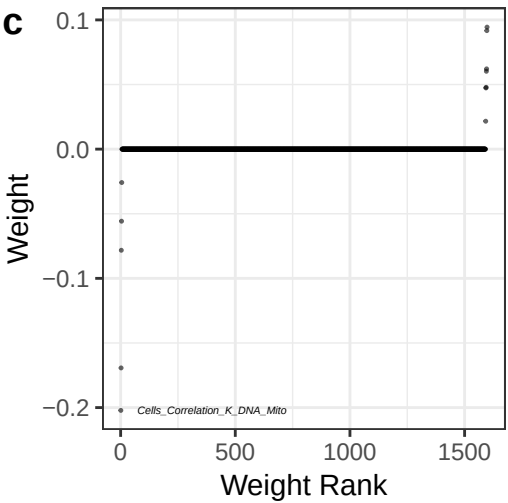


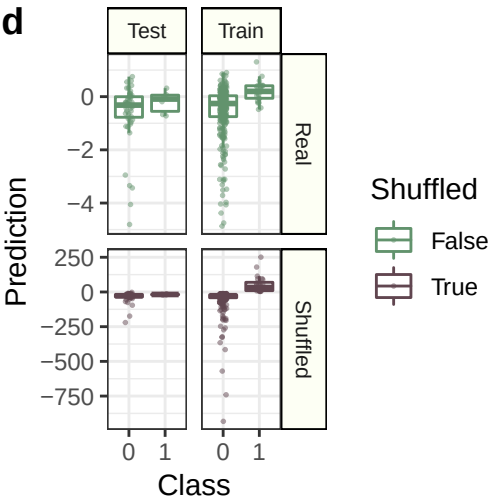


Data: Real Shuffled

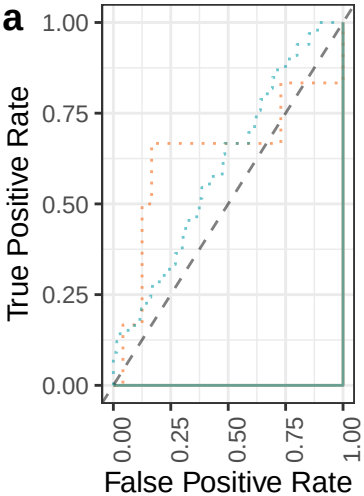
Fit: Test Train

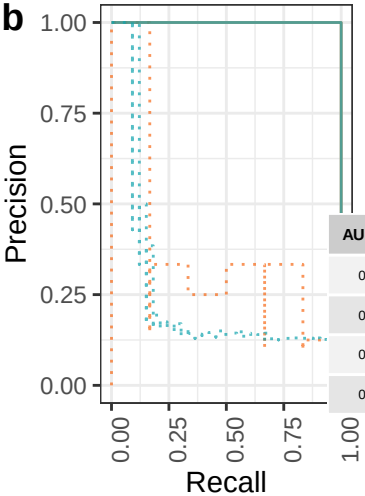
AUROC	AUPR	fit	shuffle	pos
0.80	0.27	Train	False	2
0.61	0.17	Test	False	2
1.00	1.00	Train	True	2
0.74	0.21	Test	True	2





Performance: vb_percent_caspase_dead_only

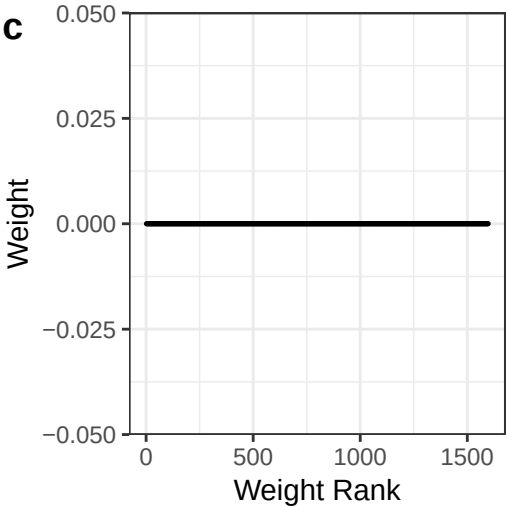


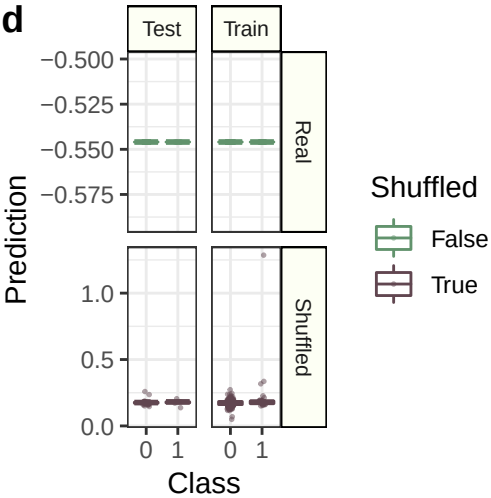


Data: Real Shuffled

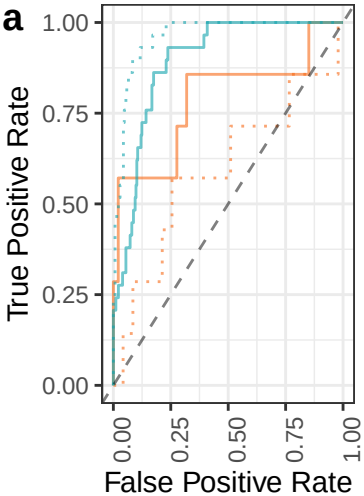
Fit: Test Train

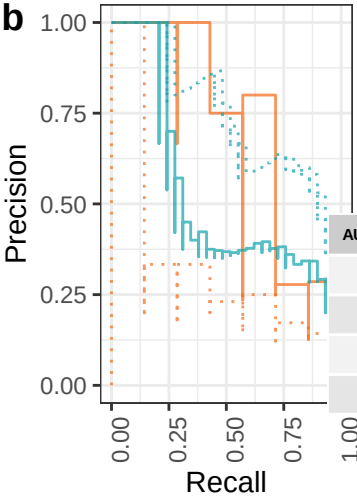
AUROC	AUPR	fit	shuffle	pos
0.50	0.11	Train	False	3
0.50	0.11	Test	False	3
0.61	0.24	Train	True	3
0.64	0.25	Test	True	3



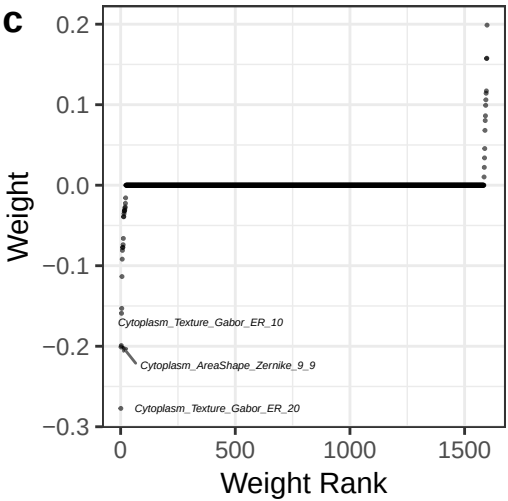
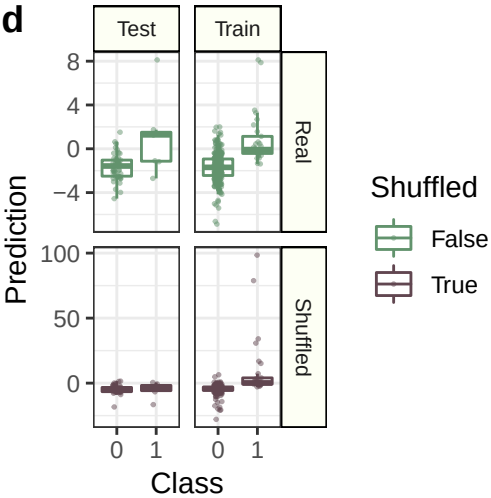


Performance: cc_all_n_spots_per_nucleus_area_mean





Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos
0.89	0.51	Train	False	2
0.79	0.61	Test	False	2
0.96	0.74	Train	True	2
0.59	0.23	Test	True	2