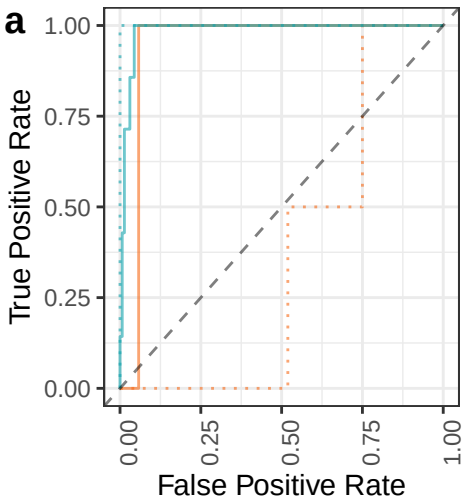
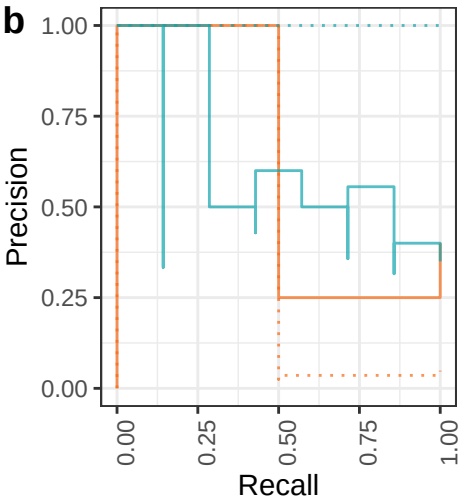
Performance: cc_all_n_objects

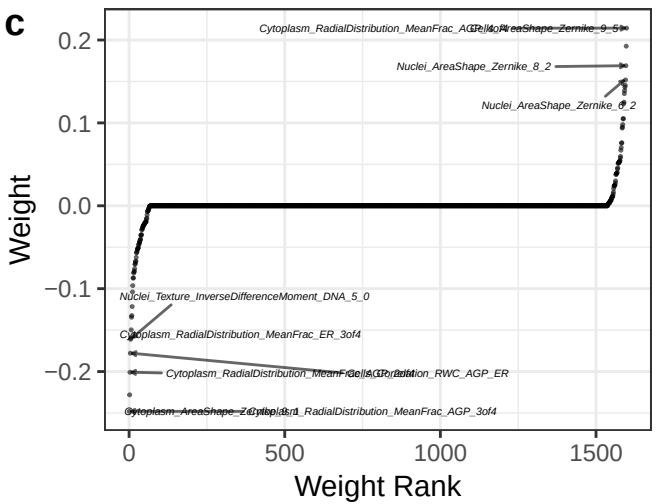


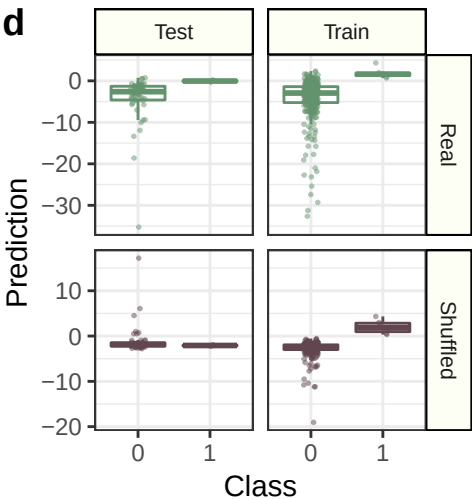


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.98	0.56	Train	False	7
0.94	0.32	Test	False	7
1.00	1.00	Train	True	7
0.37	0.04	Test	True	7



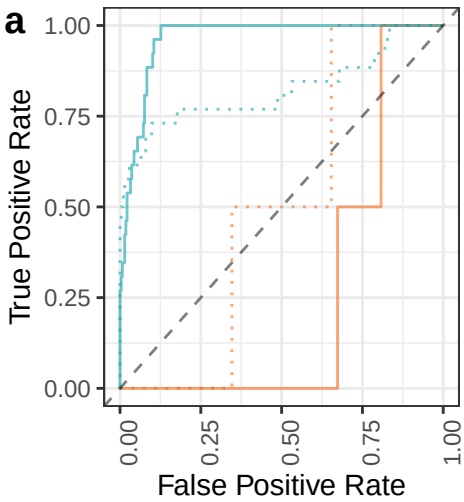


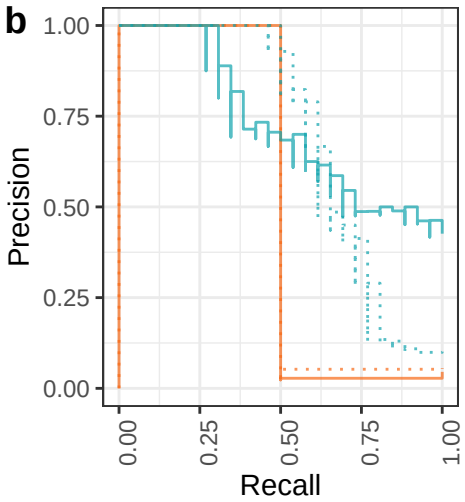
Shuffled

False

True

Performance: cc_g2_ph3_neg_n_spots_mean

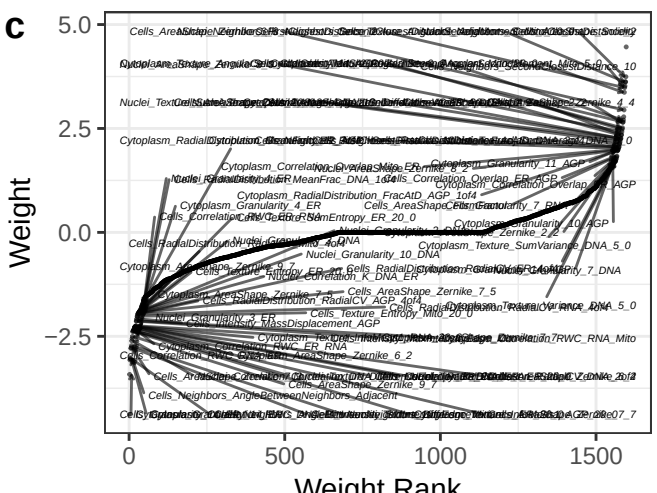


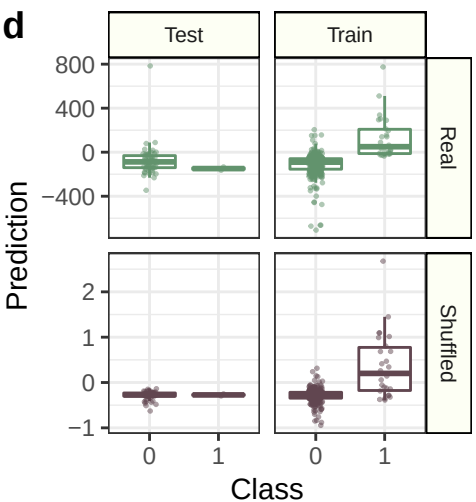


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.96	0.71	Train	False	26
0.26	0.04	Test	False	26
0.82	0.67	Train	True	26
0.50	0.05	Test	True	26



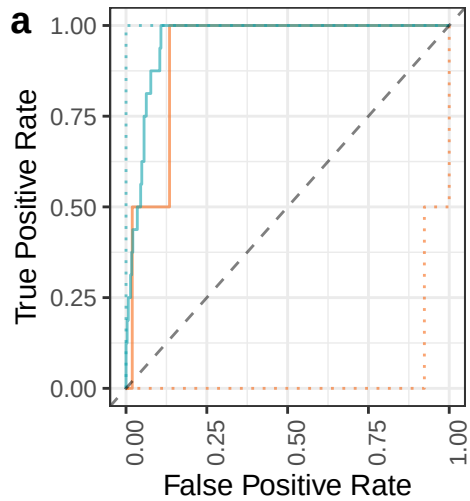


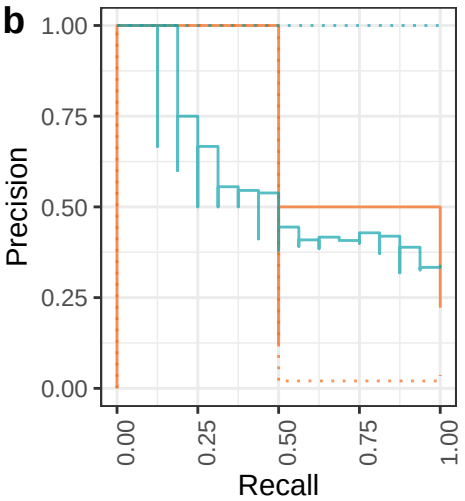
Shuffled

False

True

Performance: cc_g2_plus_all_m

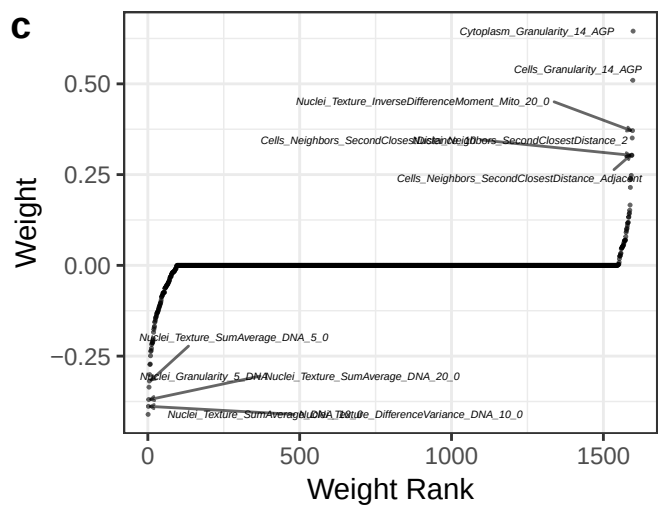


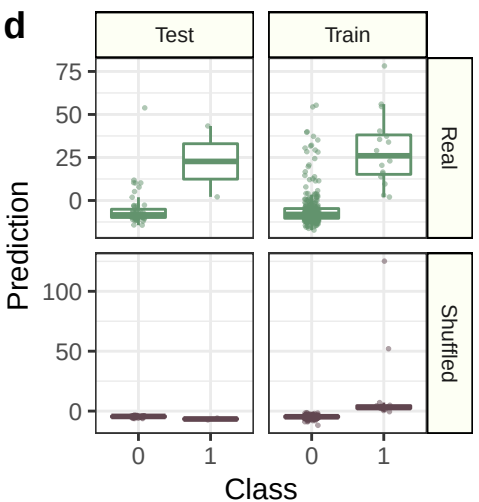


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.96	0.54	Train	False	16
0.92	0.36	Test	False	16
1.00	1.00	Train	True	16
0.04	0.03	Test	True	16



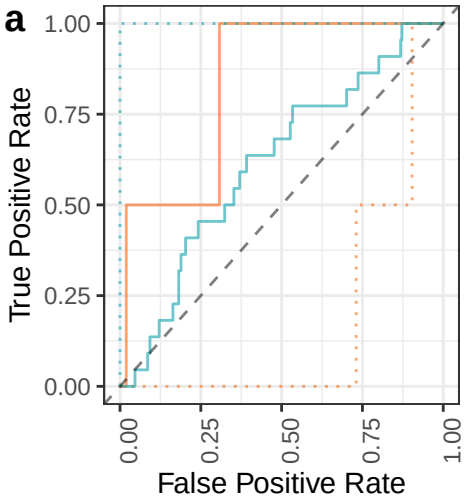


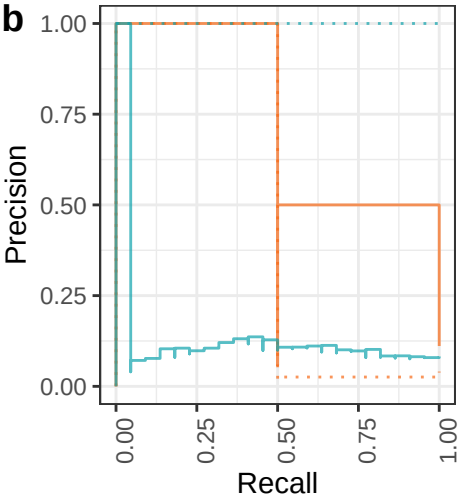
Shuffled

False

True

Performance: cc_mitosis_ph3_pos_high_n_spots_h2ax_mean

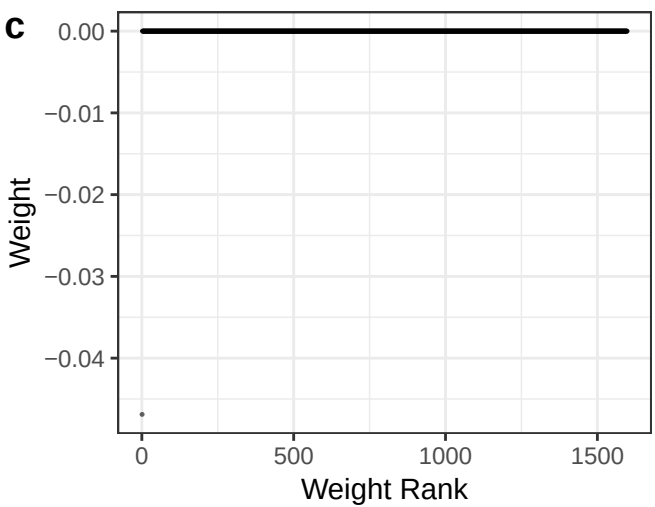


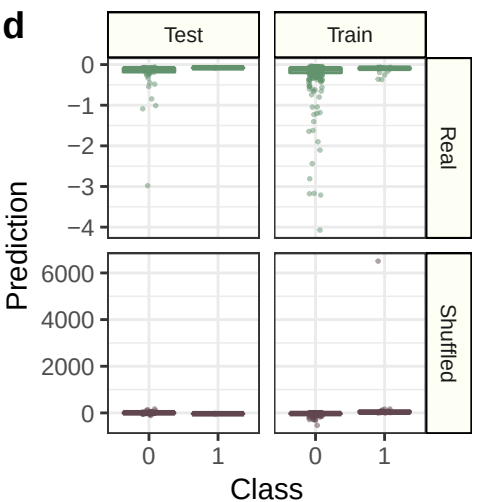


Data: Real Shuffled

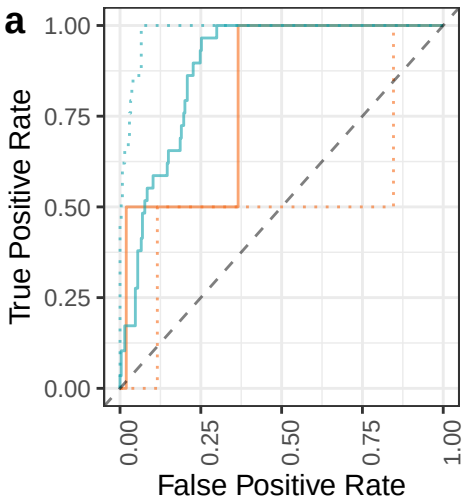
Fit: Test Train

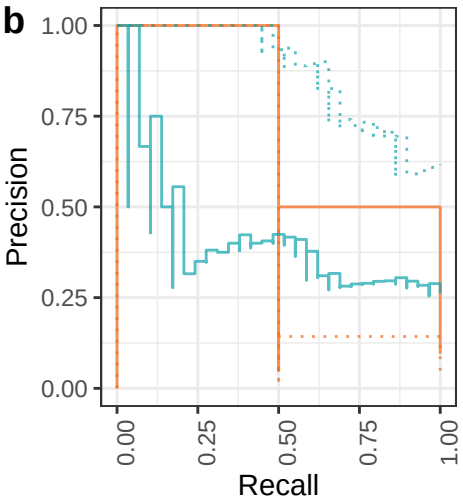
AUROC	AUPR	fit	shuffle	pos_n
0.62	0.10	Train	False	22
0.84	0.31	Test	False	22
1.00	1.00	Train	True	22
0.18	0.03	Test	True	22





Performance: cc_mitosis_ph3_pos_n_spots_per_nucleus_area_mean

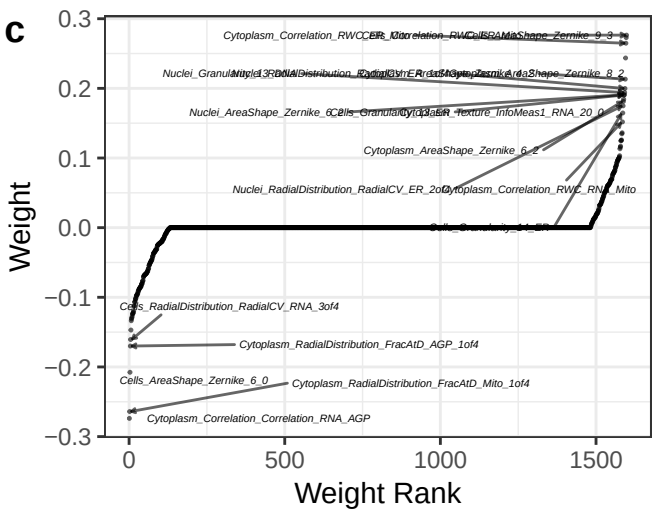


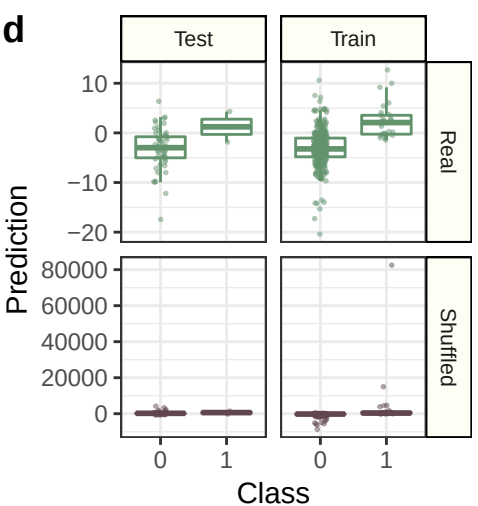


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.89	0.40	Train	False	29
0.81	0.30	Test	False	29
0.98	0.87	Train	True	29
0.52	0.09	Test	True	29



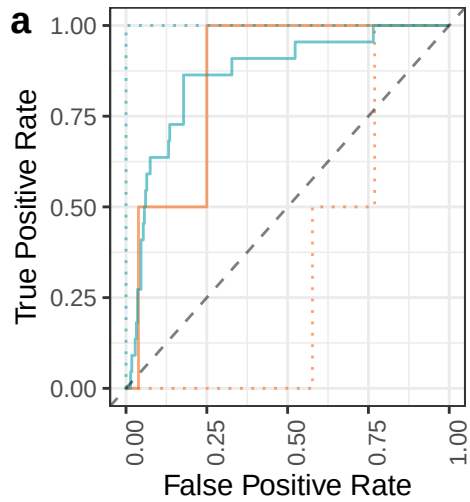


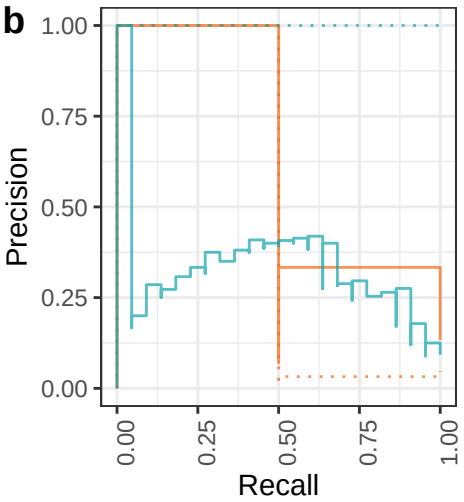
Shuffled

False

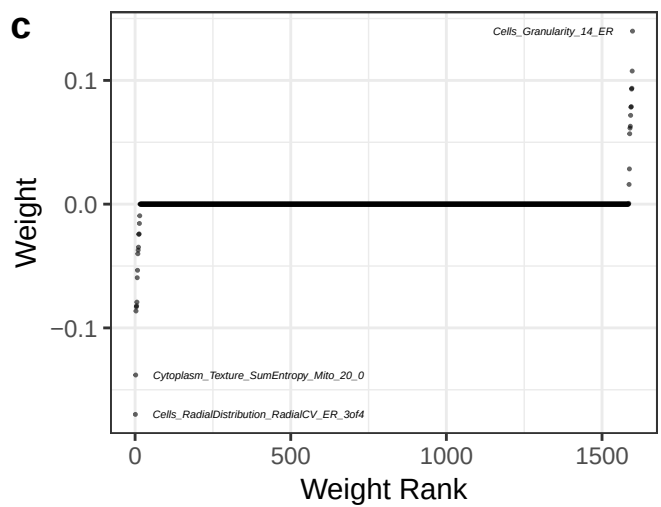
True

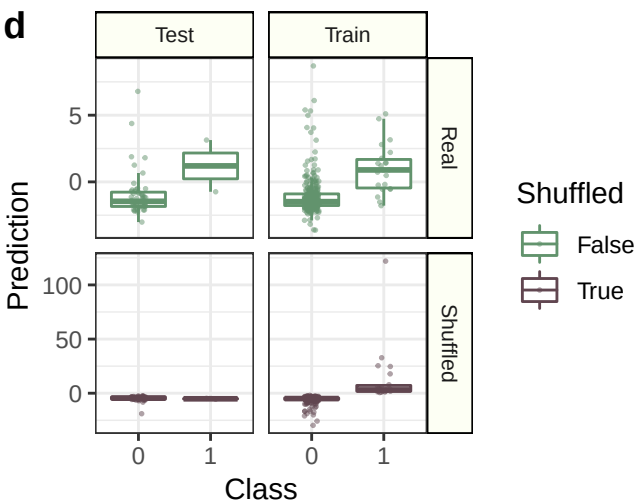
Performance: cc_polynuclear_high_n_spots_h2ax_mean



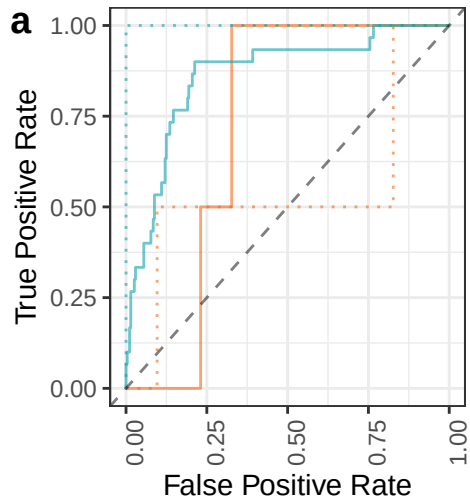


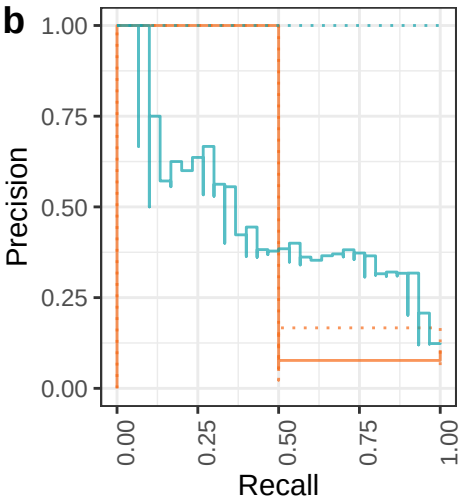
AUROC	AUPR	fit	shuffle	pos_n
0.86	0.31	Train	False	22
0.86	0.23	Test	False	22
1.00	1.00	Train	True	22
0.33	0.04	Test	True	22





Performance: cc_polyploid_high_n_spots_h2ax_mean

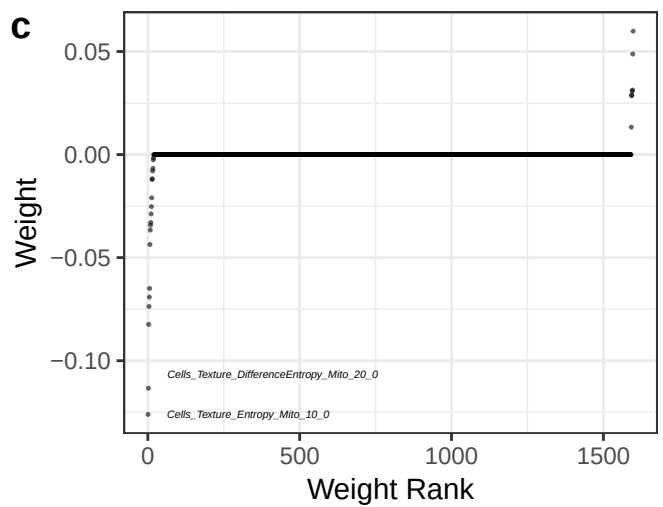


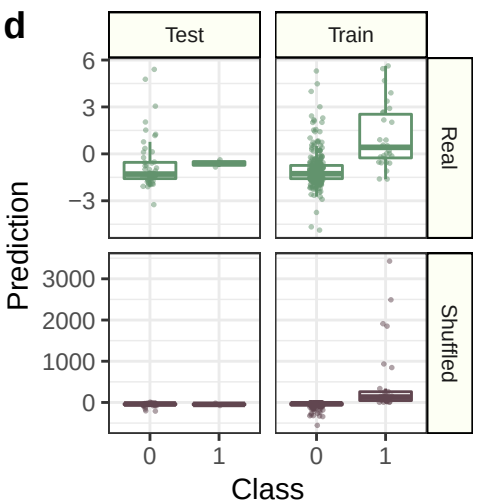


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.86	0.46	Train	False	30
0.72	0.09	Test	False	30
1.00	1.00	Train	True	30
0.54	0.11	Test	True	30



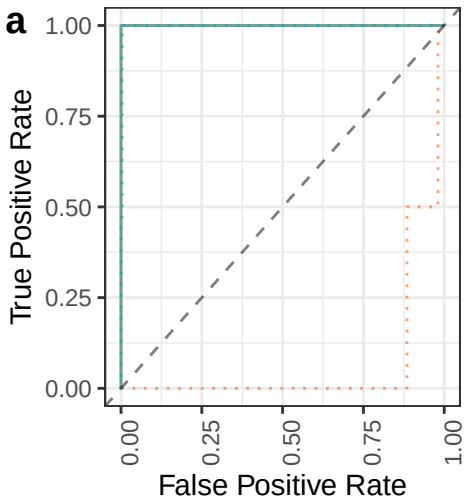


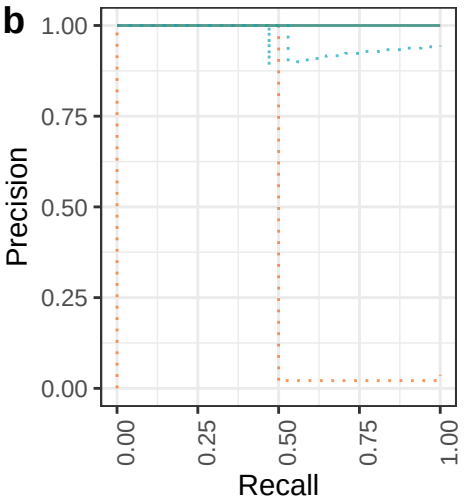
Shuffled

False

True

Performance: vb_live_cell_area

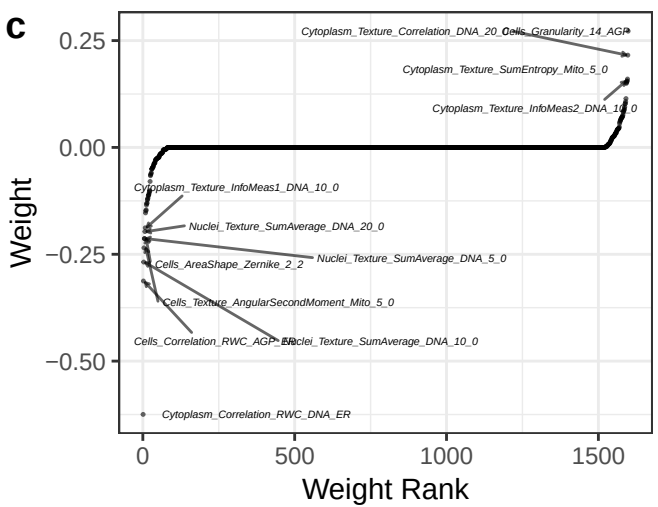


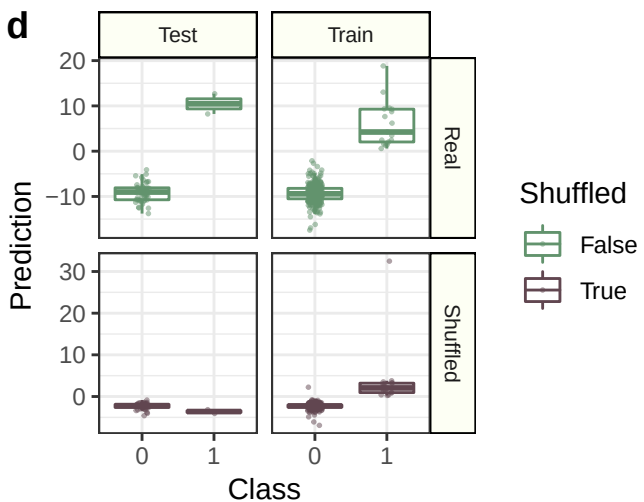


Data: Real Shuffled

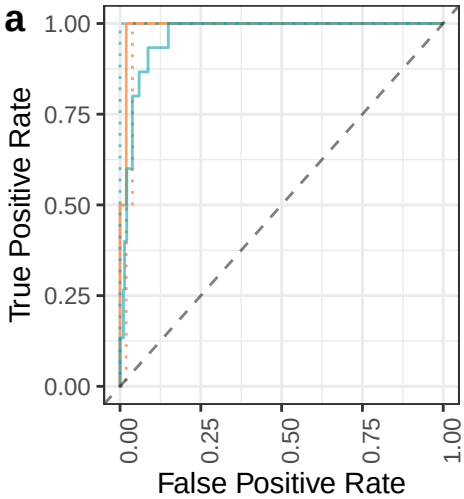
Fit: Test Train

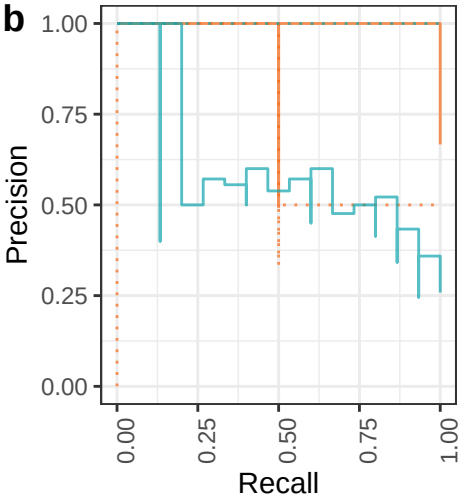
AUROC	AUPR	fit	shuffle	pos_n
1.00	1.00	Train	False	17
1.00	1.00	Test	False	17
1.00	0.96	Train	True	17
0.07	0.03	Test	True	17





Performance: vb_percent_all_apoptosis

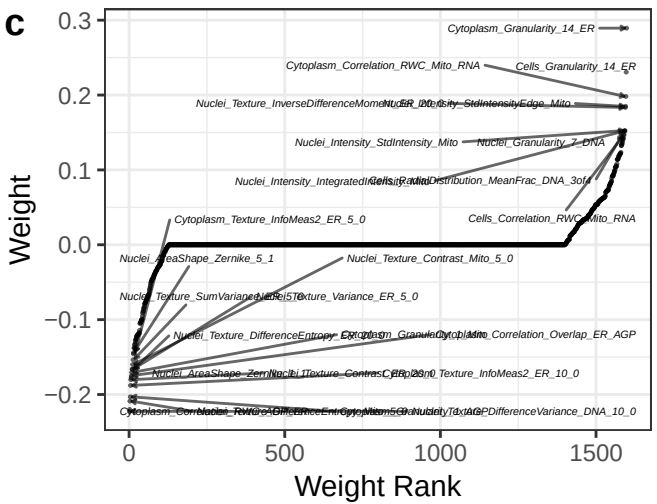


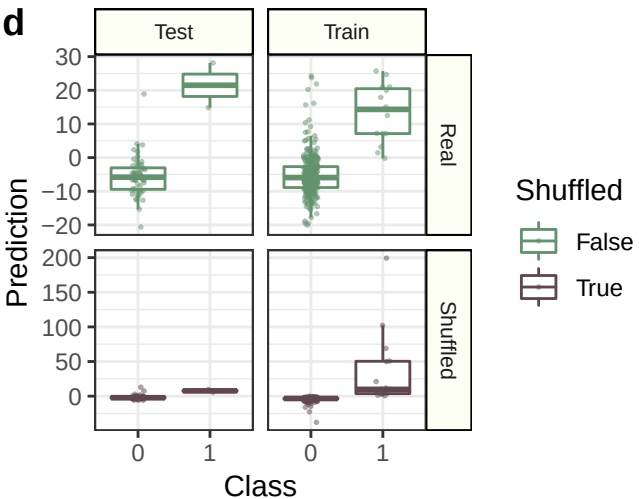


Data: Real Shuffled

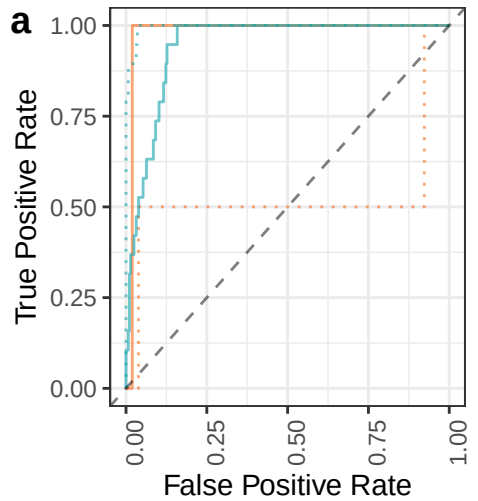
Fit: Test Train

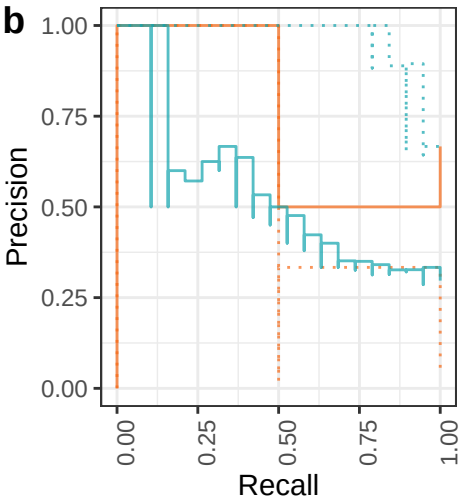
AUROC	AUPR	fit	shuffle	pos_n
0.97	0.57	Train	False	15
0.99	0.83	Test	False	15
1.00	1.00	Train	True	15
0.97	0.50	Test	True	15





Performance: vb_percent_all_early_apoptosis

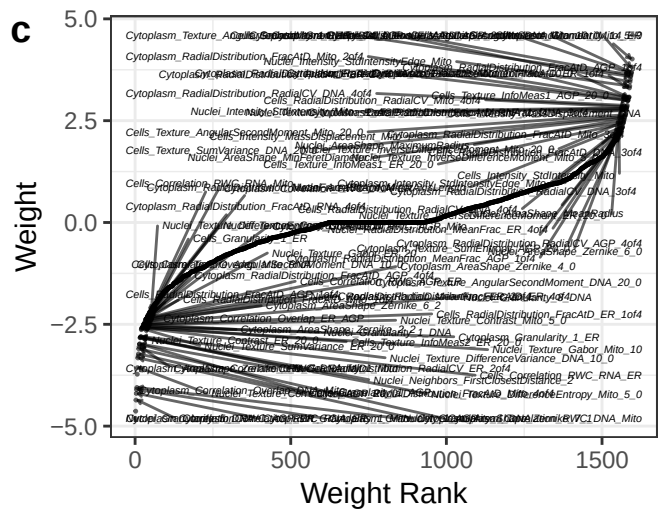


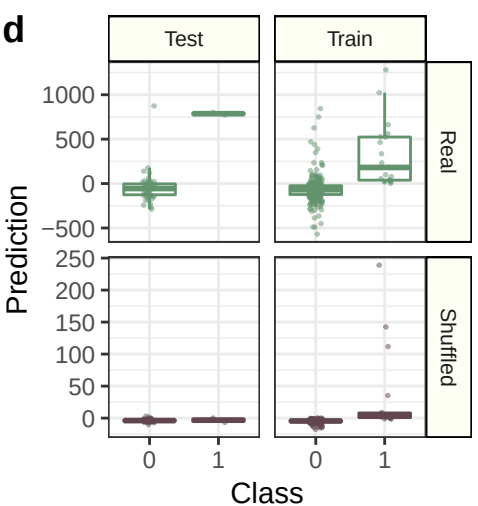


Data: Real Shuffled

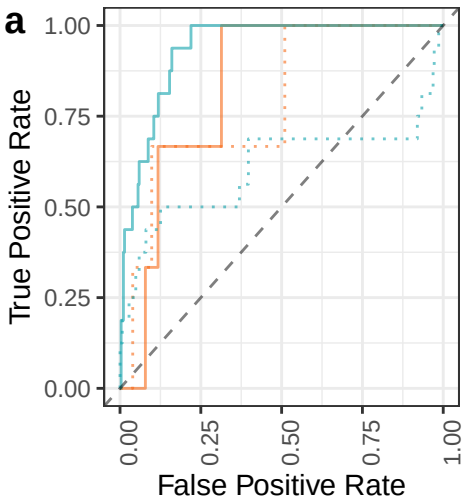
Fit: Test Train

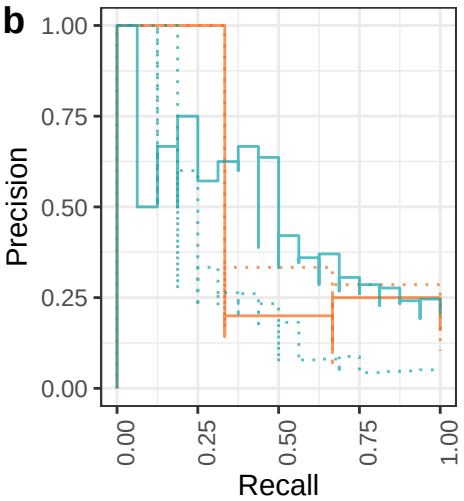
AUROC	AUPR	fit	shuffle	pos_n
0.94	0.51	Train	False	19
0.98	0.58	Test	False	19
1.00	0.95	Train	True	19
0.52	0.19	Test	True	19





Performance: cc_cc_g2_ph3_neg_mean

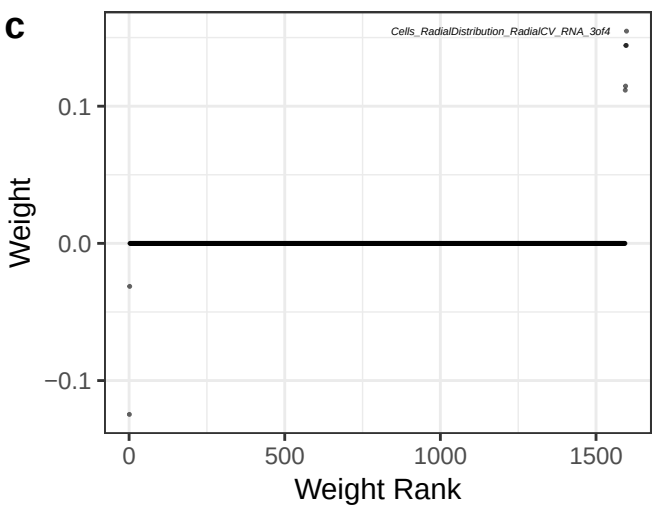


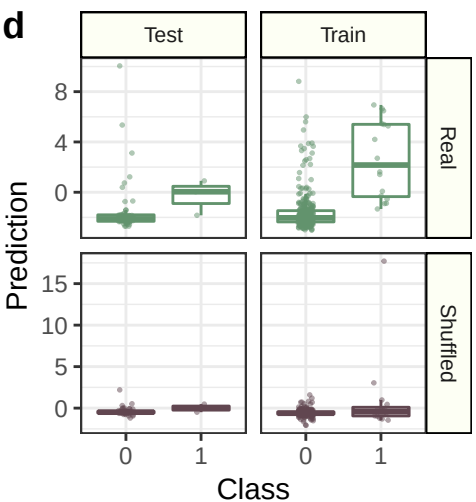


Data: Real Shuffled

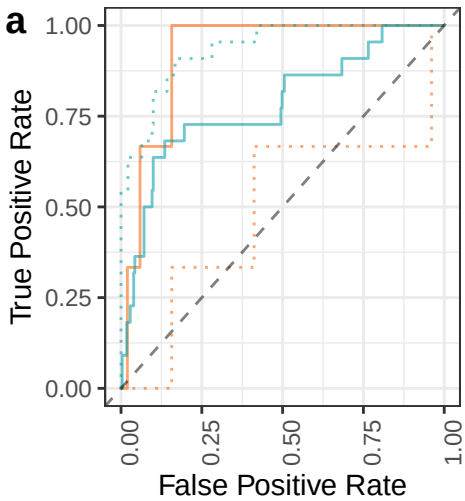
Fit: Test Train

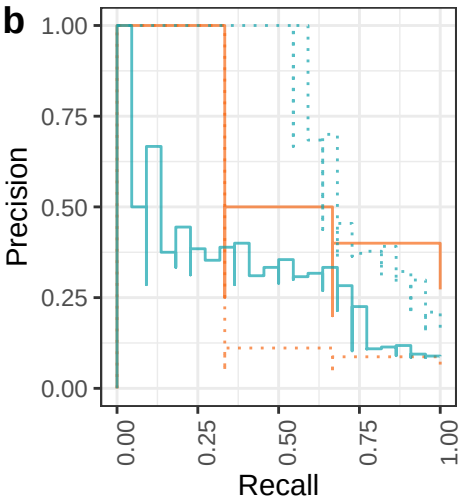
AUROC	AUPR	fit	shuffle	pos_n
0.93	0.45	Train	False	16
0.83	0.20	Test	False	16
0.61	0.27	Train	True	16
0.78	0.24	Test	True	16

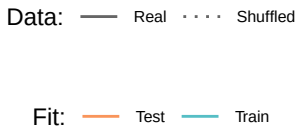




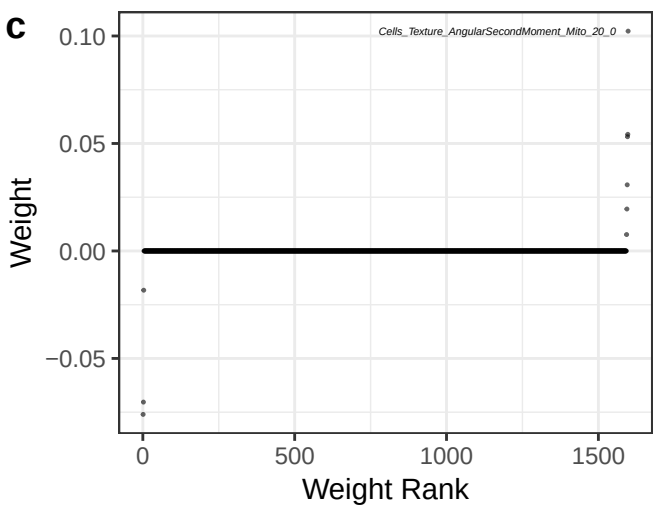
Performance: cc_edu_pos_high_n_spots_h2ax_mean

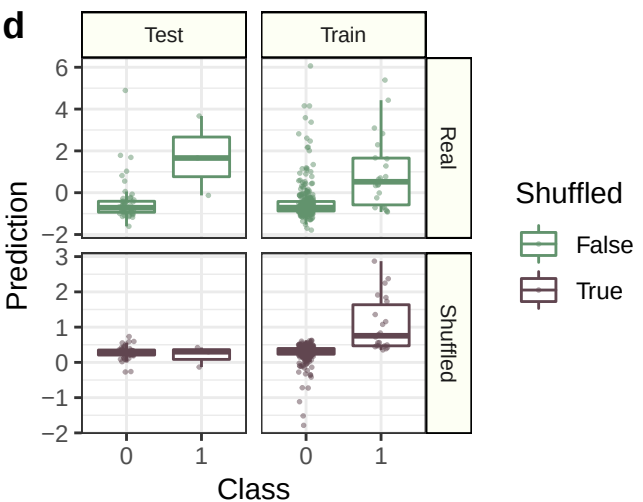




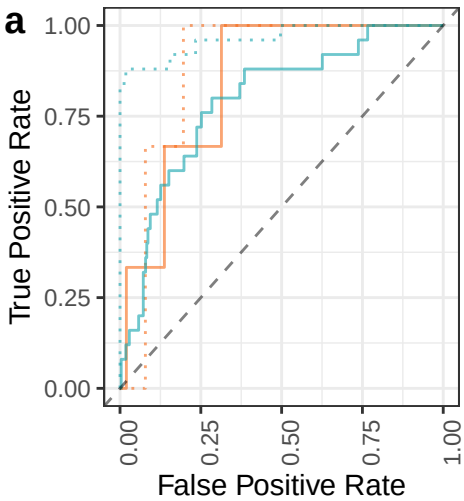


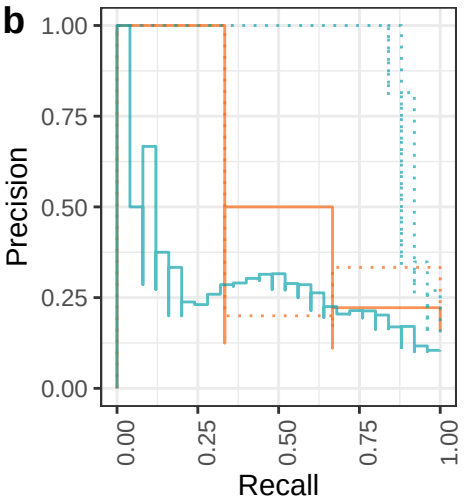
AUROC	AUPR	fit	shuffle	pos_n
0.78	0.30	Train	False	22
0.92	0.39	Test	False	22
0.94	0.73	Train	True	22
0.49	0.09	Test	True	22





Performance: cc_edu_pos_n_spots_mean

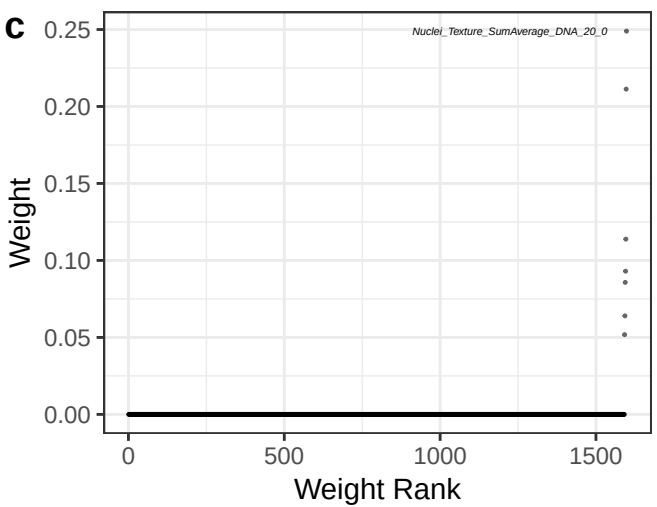


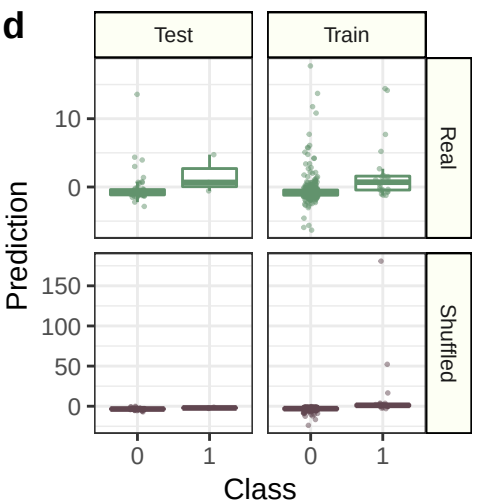


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.79	0.27	Train	False	25
0.84	0.29	Test	False	25
0.96	0.90	Train	True	25
0.88	0.25	Test	True	25



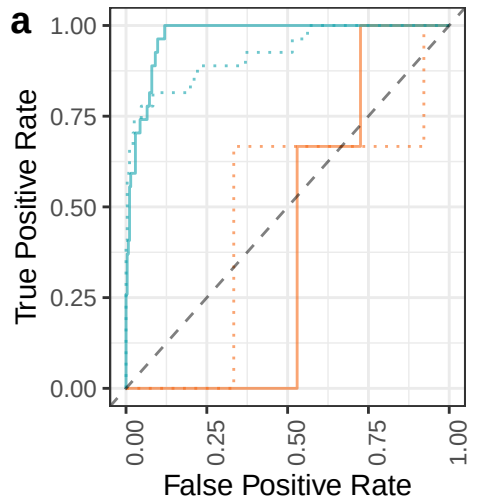


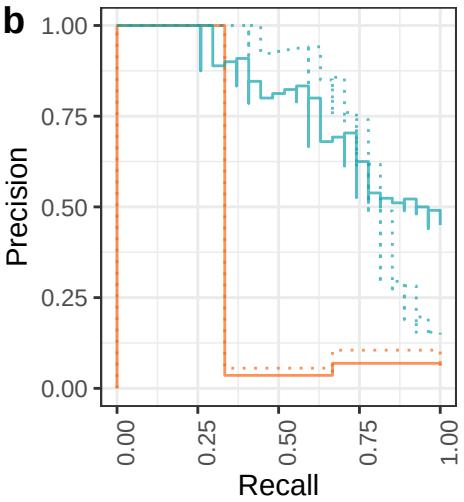
Shuffled

False

True

Performance: cc_mitosis_ph3_pos_n_spots_mean

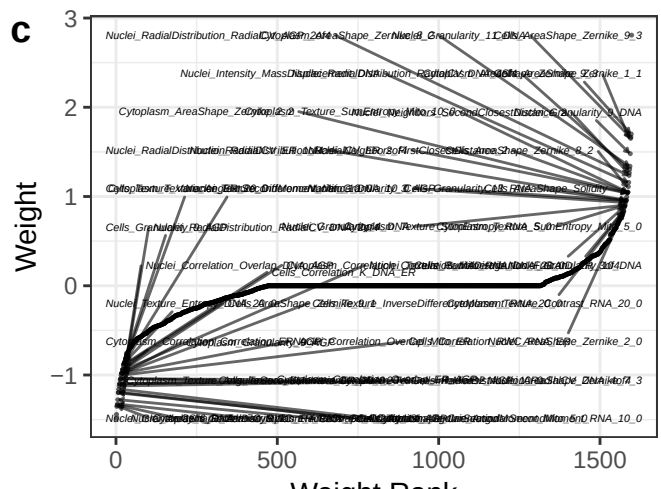


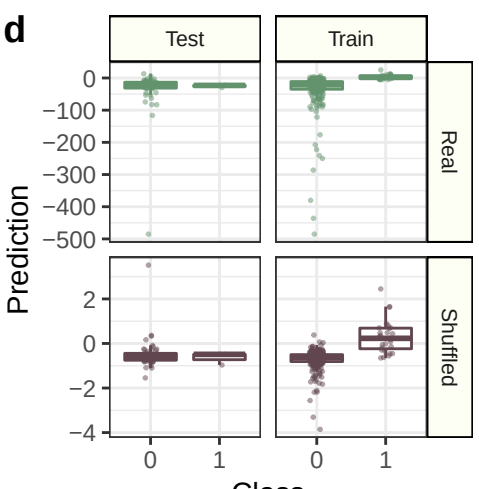


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.97	0.77	Train	False	27
0.41	0.06	Test	False	27
0.92	0.78	Train	True	27
0.47	0.07	Test	True	27



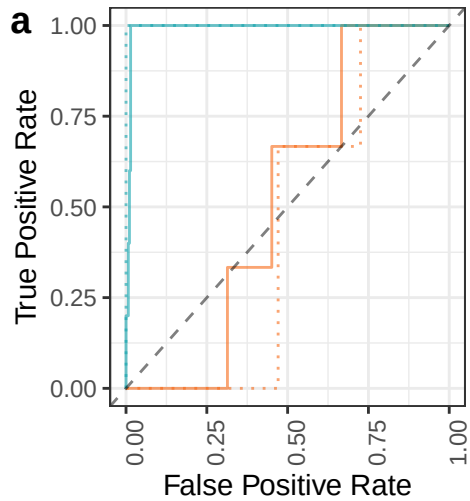


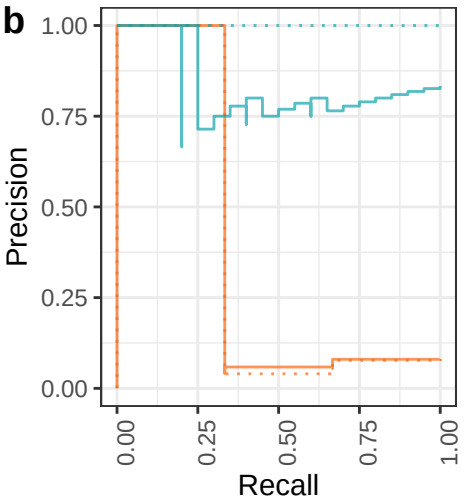
Shuffled

False

True

Performance: cc_polynuclear_n_objects

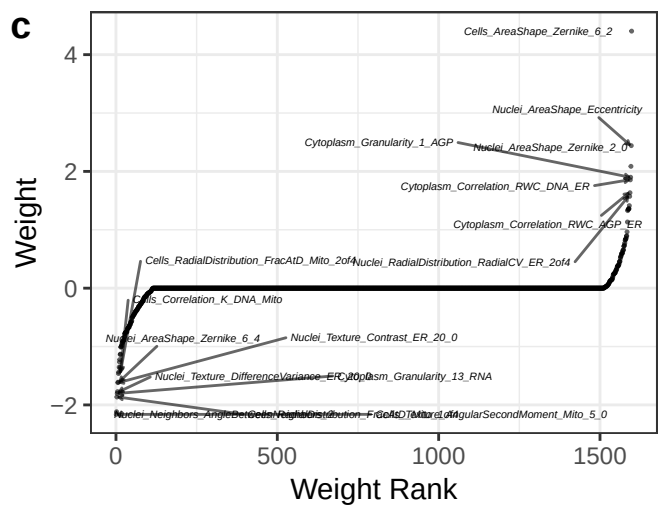


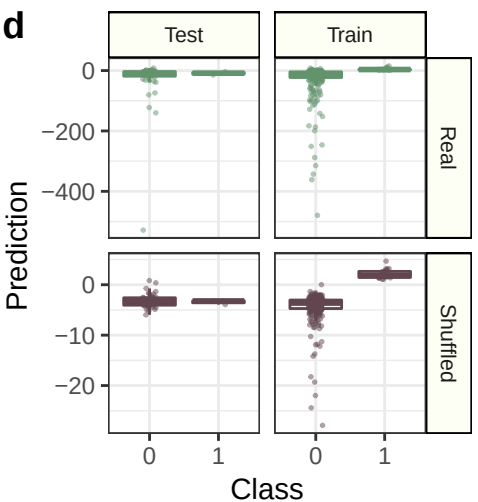


Data: Real Shuffled

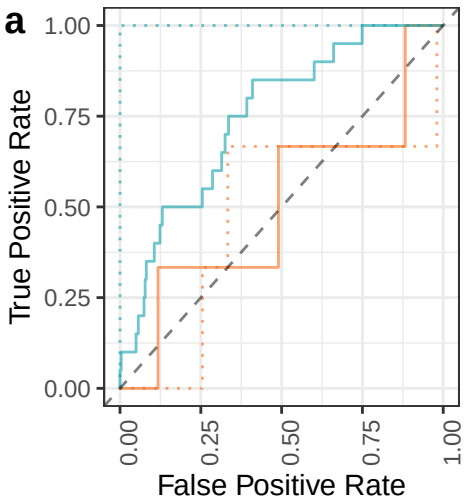
Fit: Test Train

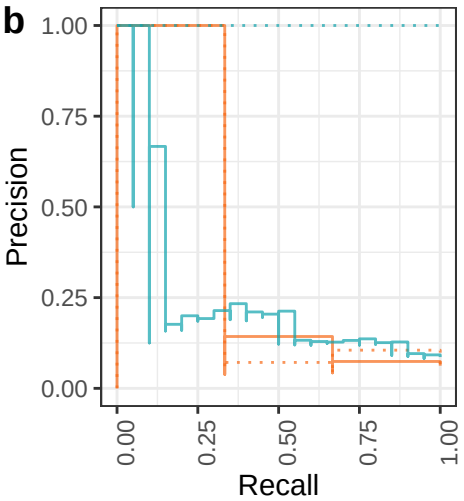
AUROC	AUPR	fit	shuffle	pos_n
0.99	0.83	Train	False	20
0.52	0.07	Test	False	20
1.00	1.00	Train	True	20
0.44	0.06	Test	True	20





Performance: cc_polyploid_n_objects

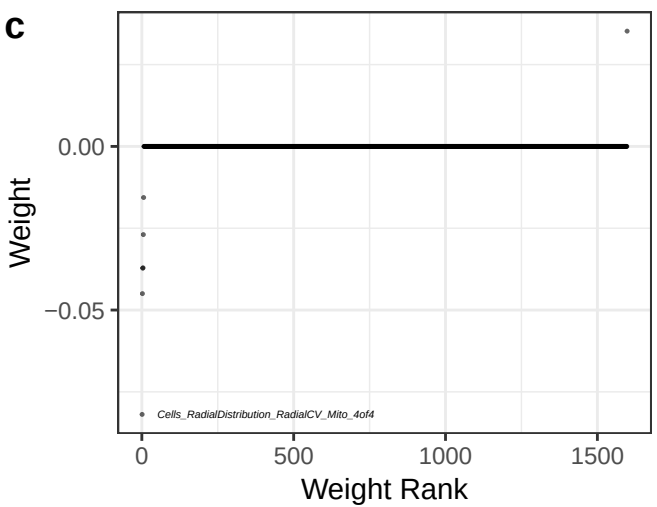


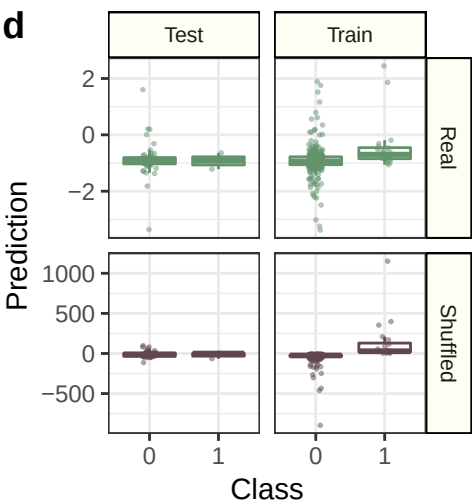


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.75	0.22	Train	False	20
0.50	0.09	Test	False	20
1.00	1.00	Train	True	20
0.48	0.08	Test	True	20



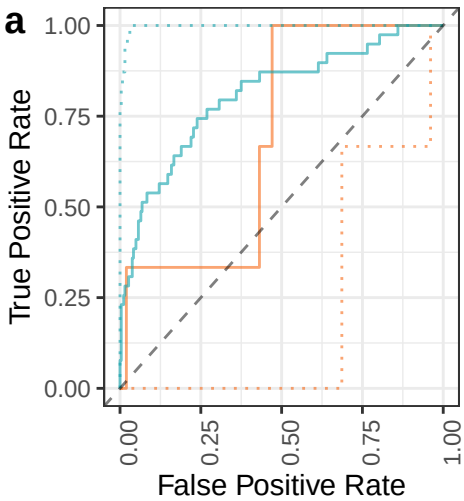


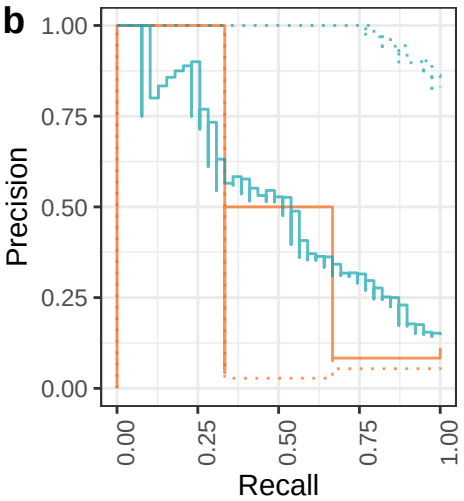
Shuffled

False

True

Performance: cc_polyploid_n_spots_mean

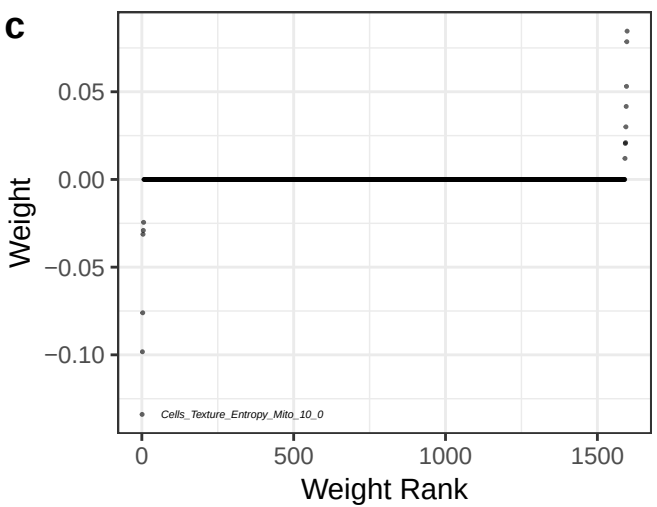


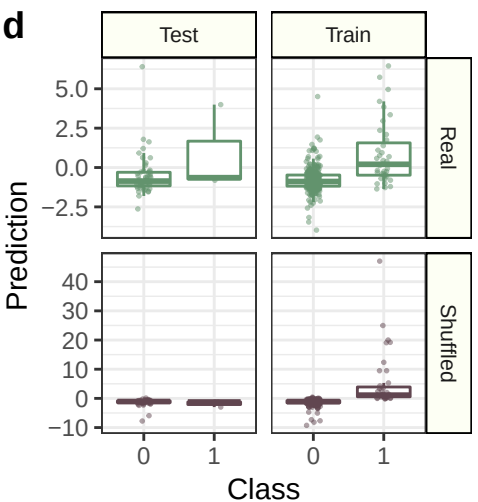


Data: Real Shuffled

Fit: Test Train

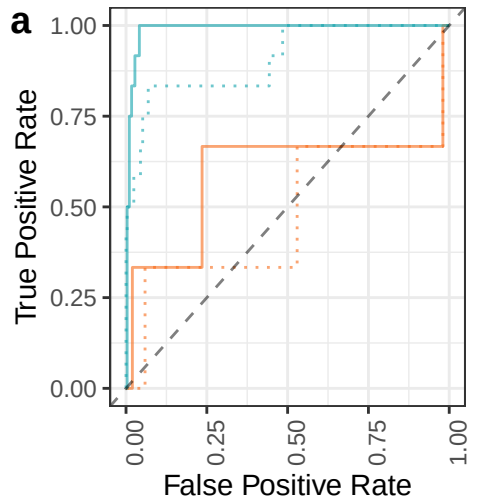
AUROC	AUPR	fit	shuffle	pos_n
0.81	0.52	Train	False	39
0.69	0.23	Test	False	39
1.00	0.98	Train	True	39
0.22	0.05	Test	True	39

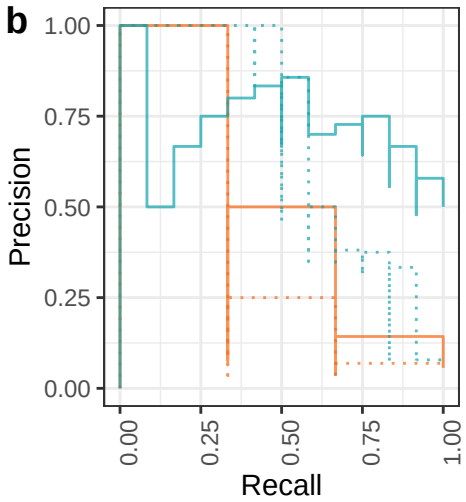




Shuffled
False
True

Performance: vb_percent_all_late_apoptosis

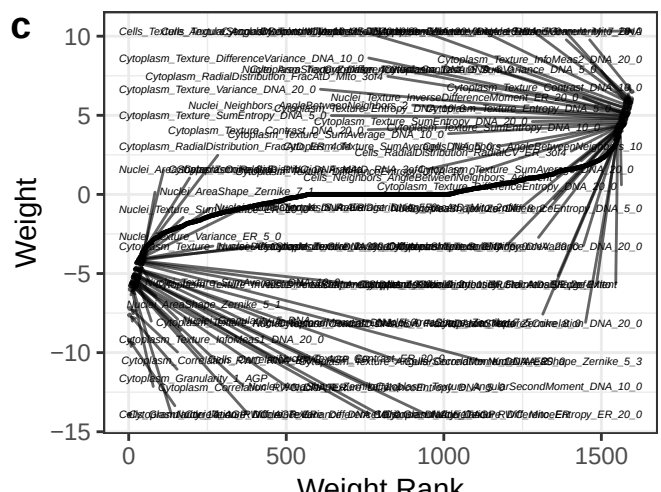


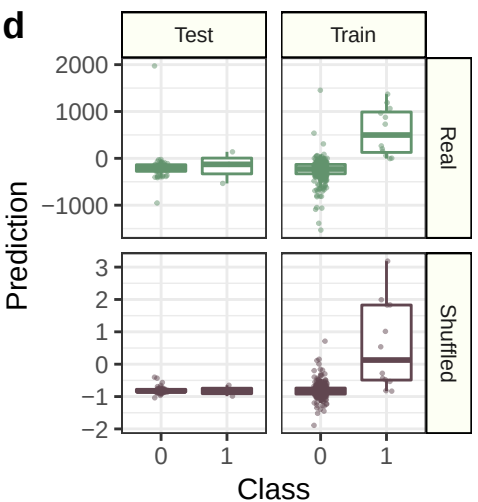


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.99	0.69	Train	False	12
0.59	0.23	Test	False	12
0.91	0.63	Train	True	12
0.48	0.13	Test	True	12



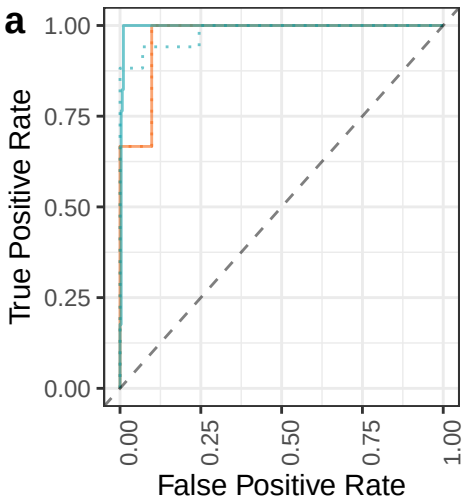


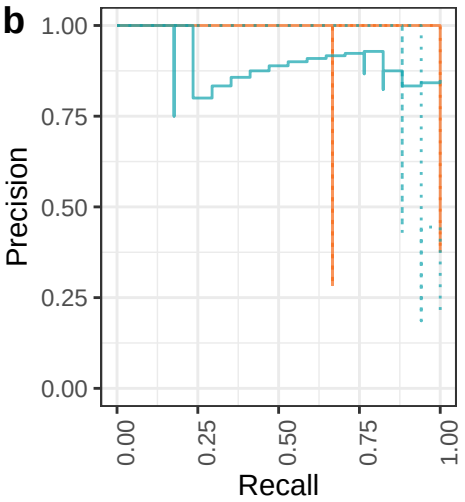
Shuffled

False

True

Performance: vb_percent_dead

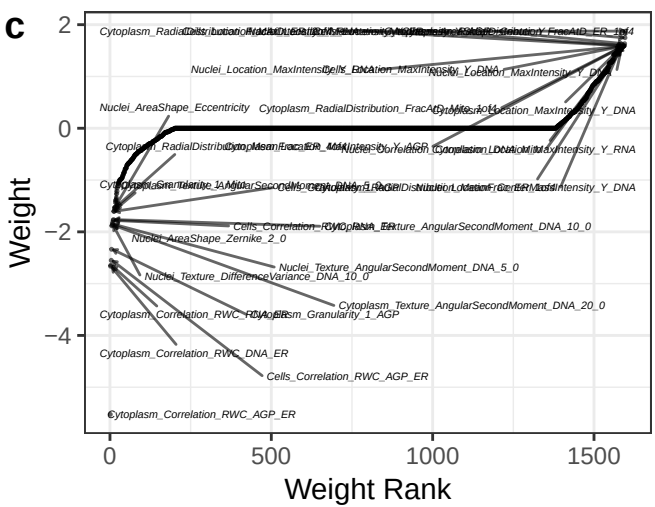


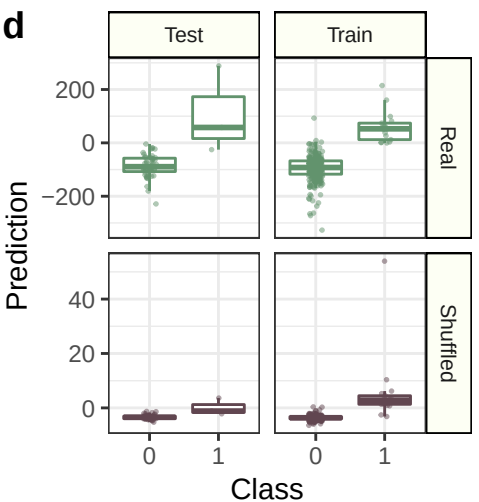


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
1.00	0.90	Train	False	17
0.97	0.79	Test	False	17
0.98	0.92	Train	True	17
0.97	0.79	Test	True	17



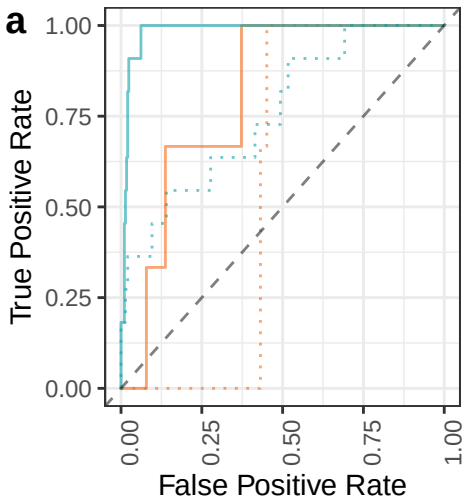


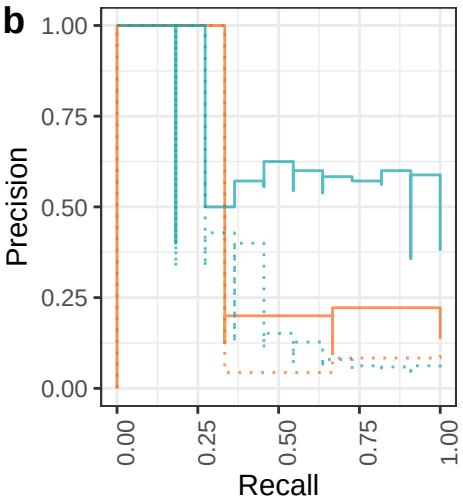
Shuffled

False

True

Performance: vb_ros_mean

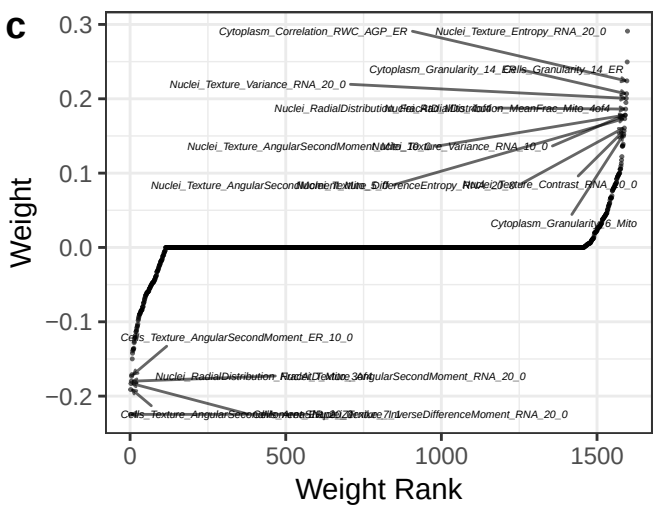


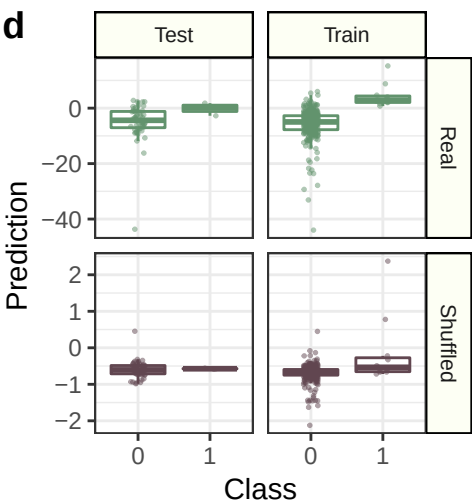


Data: Real Shuffled

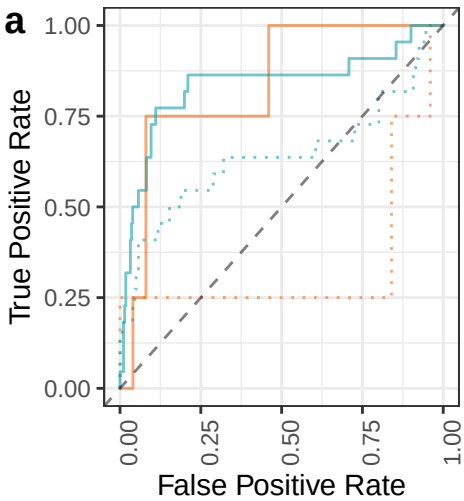
Fit: Test Train

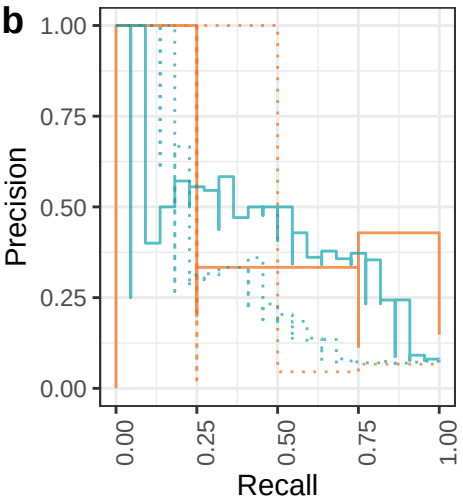
AUROC	AUPR	fit	shuffle	pos_n
0.98	0.64	Train	False	11
0.80	0.19	Test	False	11
0.76	0.31	Train	True	11
0.56	0.08	Test	True	11

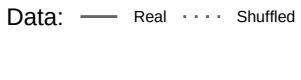




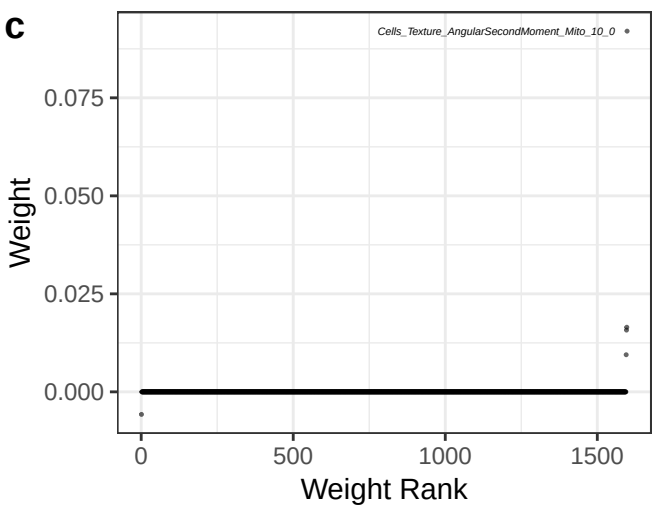
Performance: cc_cc_g1_mean

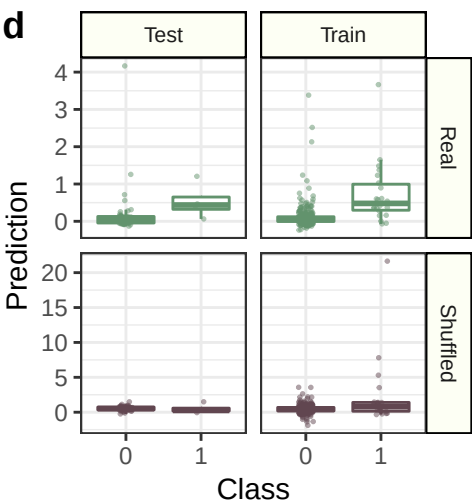


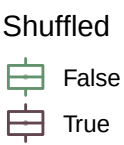




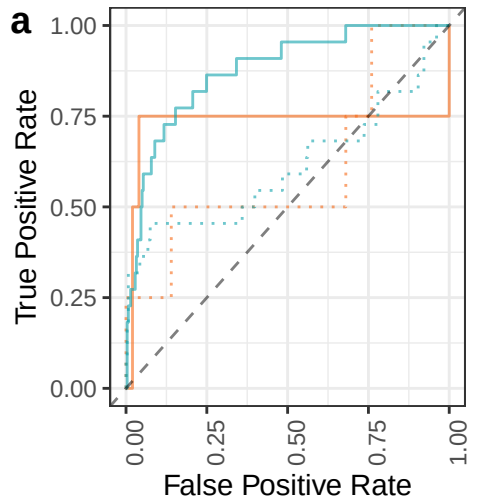
AUROC	AUPR	fit	shuffle	pos_n
0.84	0.41	Train	False	22
0.84	0.31	Test	False	22
0.64	0.31	Train	True	22
0.34	0.30	Test	True	22

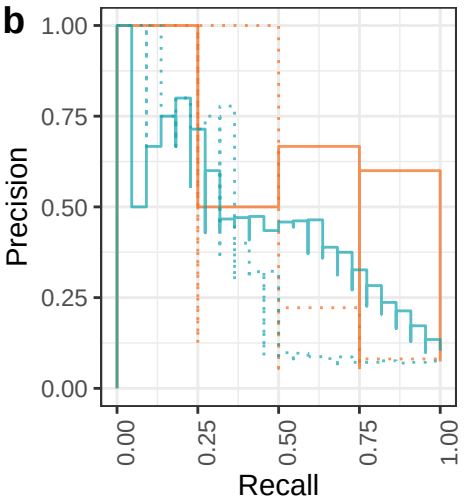






Performance: cc_cc_high_n_spots_h2ax_mean

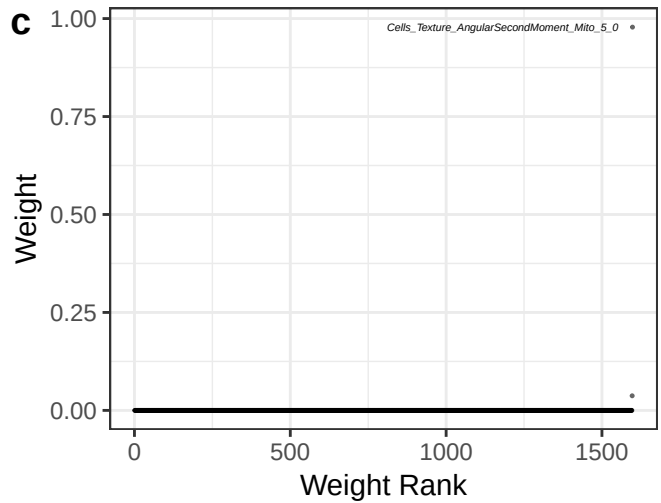


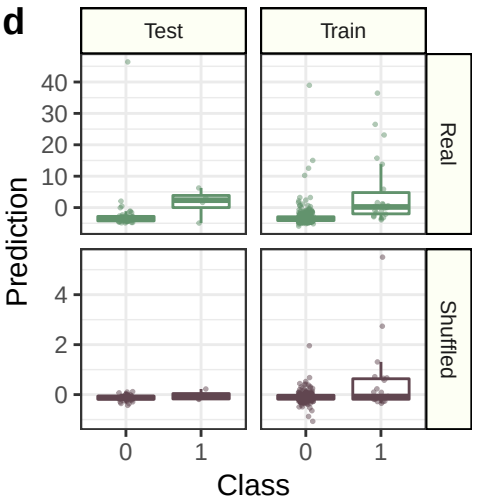


Data: Real Shuffled

Fit: Test Train

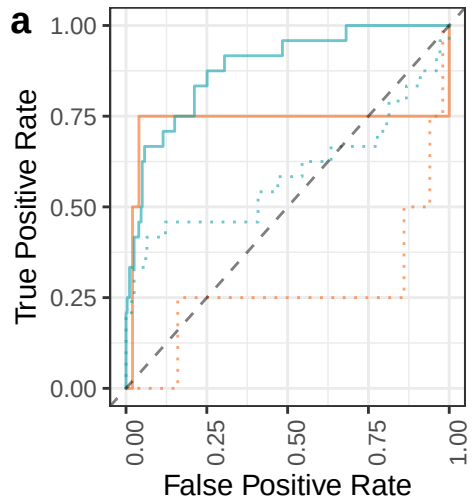
AUROC	AUPR	fit	shuffle	pos_n
0.88	0.43	Train	False	22
0.73	0.46	Test	False	22
0.61	0.35	Train	True	22
0.60	0.35	Test	True	22

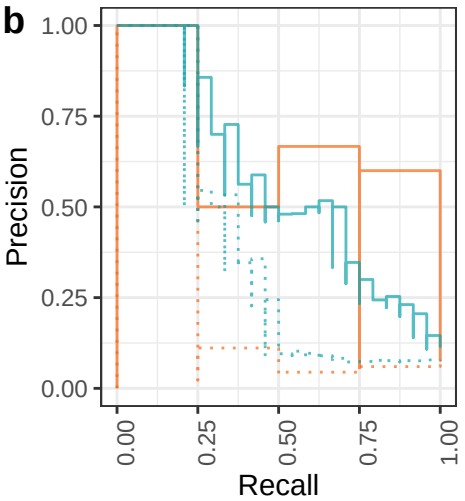




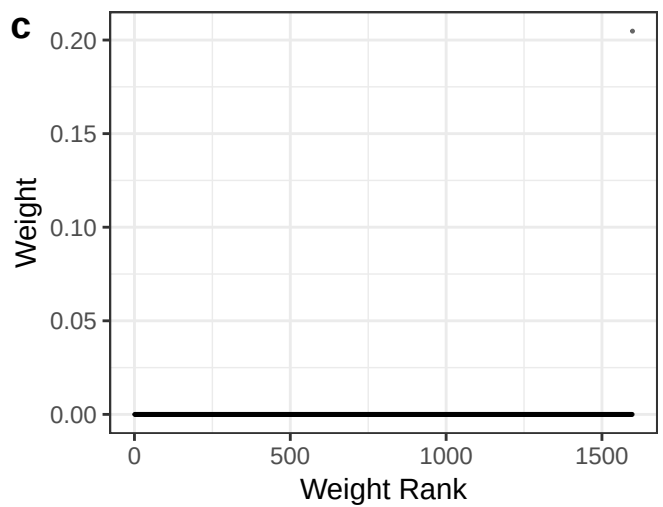
Shuffled
False
True

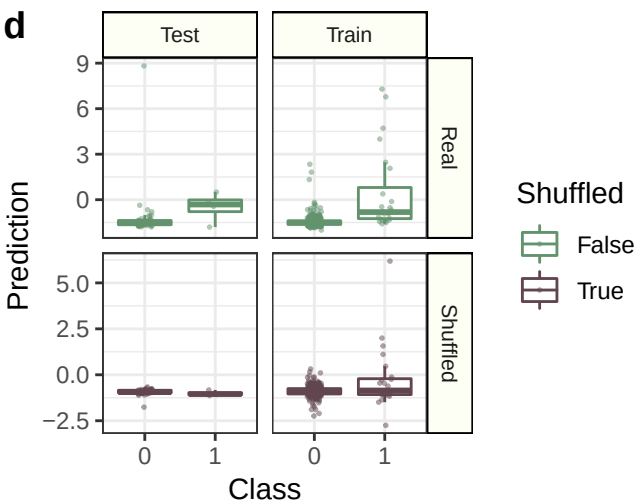
Performance: cc_g1_high_n_spots_h2ax_mean



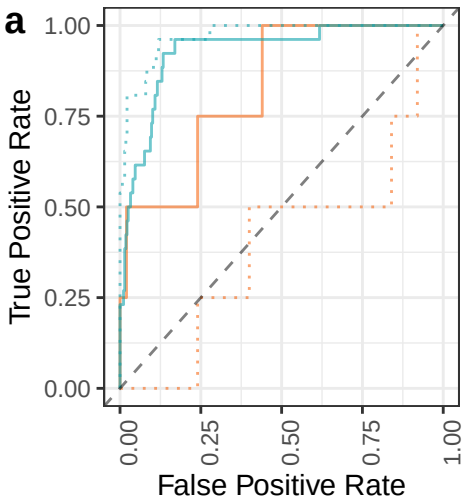


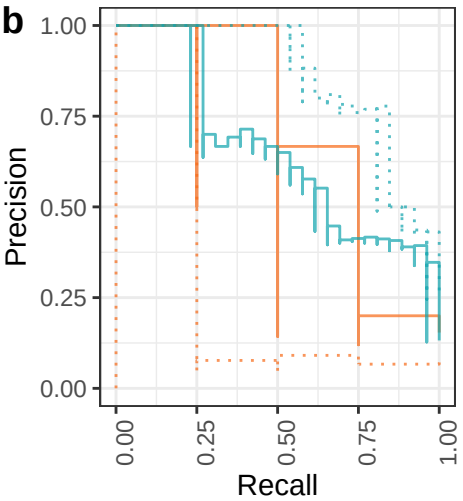
AUROC	AUPR	fit	shuffle	pos_n
0.88	0.55	Train	False	24
0.73	0.46	Test	False	24
0.59	0.36	Train	True	24
0.26	0.07	Test	True	24

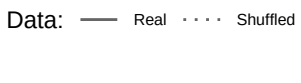




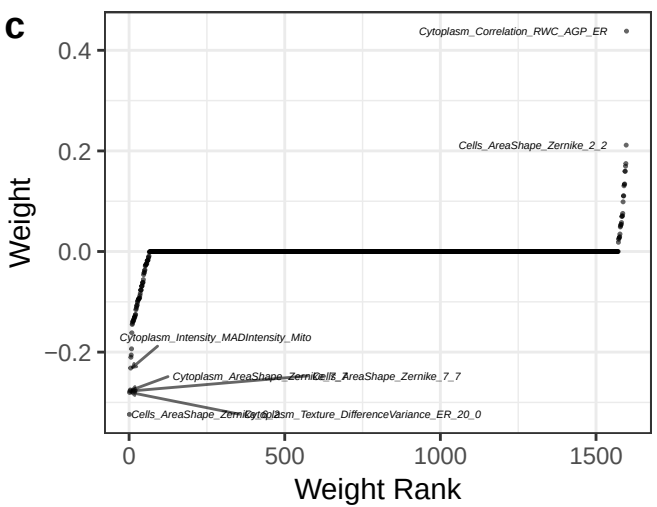
Performance: cc_g2_ph3_neg_high_n_spots_h2ax_mean

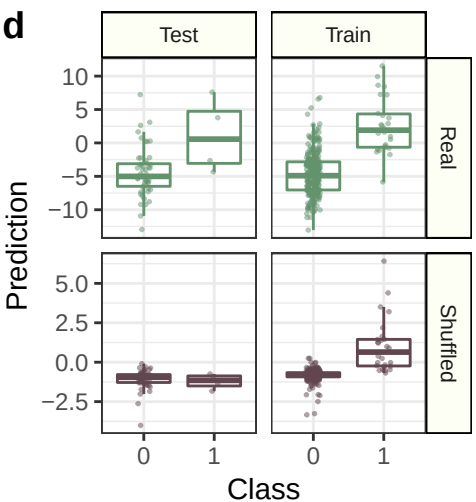


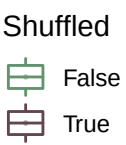




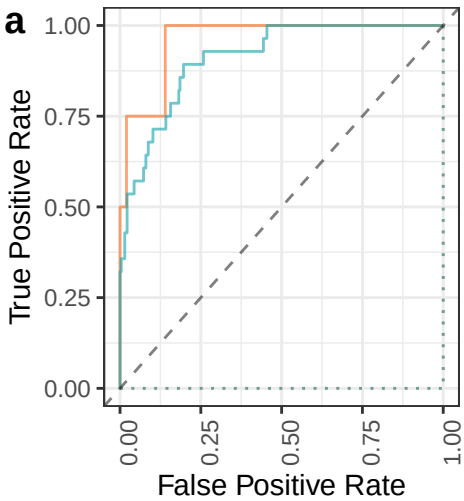
AUROC	AUPR	fit	shuffle	pos_n
0.93	0.63	Train	False	26
0.82	0.51	Test	False	26
0.97	0.83	Train	True	26
0.40	0.08	Test	True	26

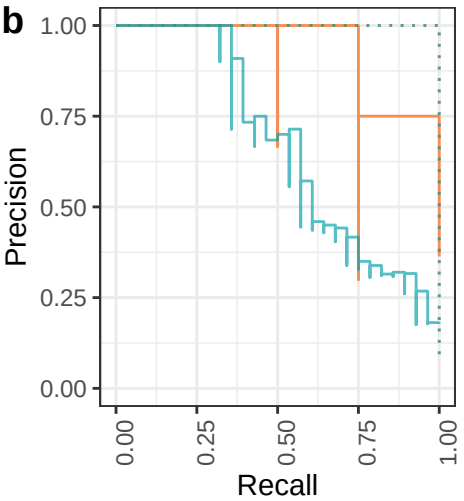


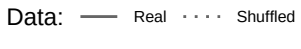


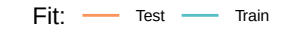


Performance: cc_g2_ph3_neg_n_spots_per_nucleus_area_mean

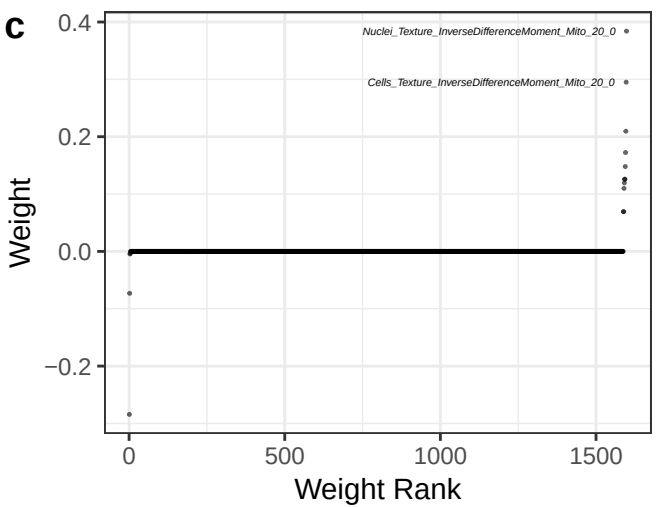


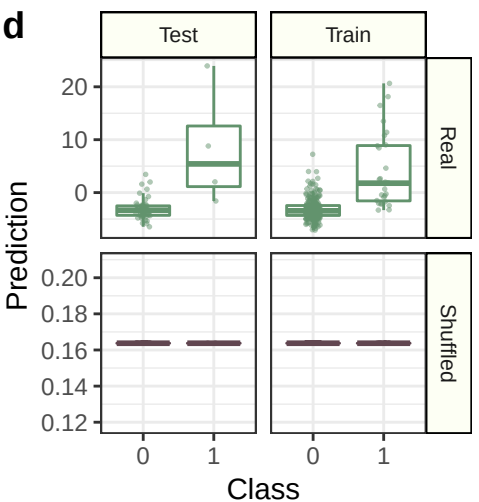


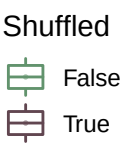




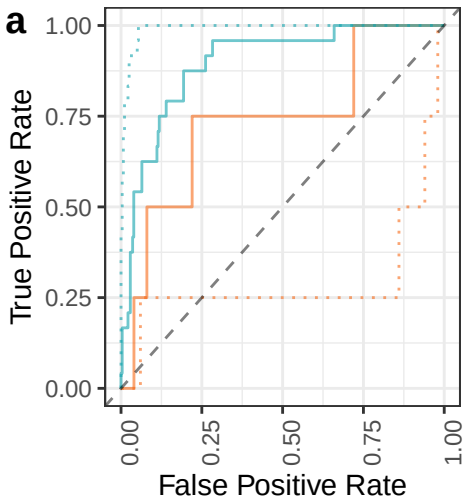
AUROC	AUPR	fit	shuffle	pos_n
0.91	0.65	Train	False	28
0.96	0.78	Test	False	28
0.50	0.09	Train	True	28
0.50	0.07	Test	True	28

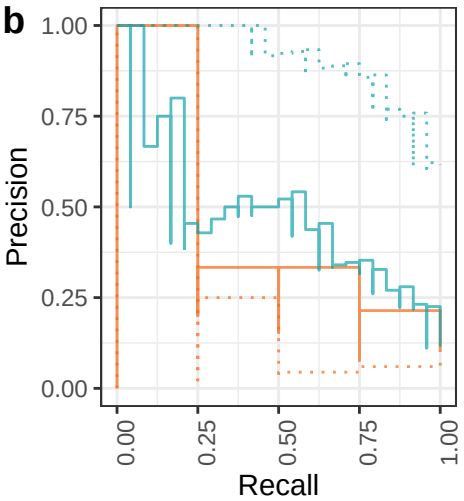


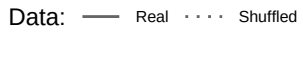




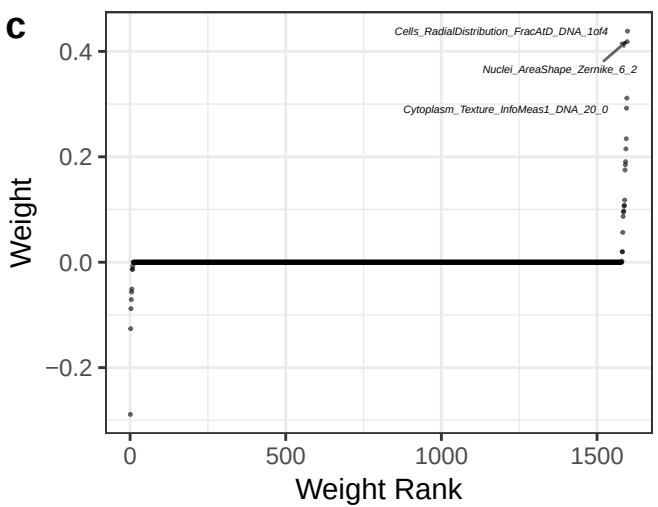
Performance: cc_g2_ph3_pos_high_n_spots_h2ax_mean

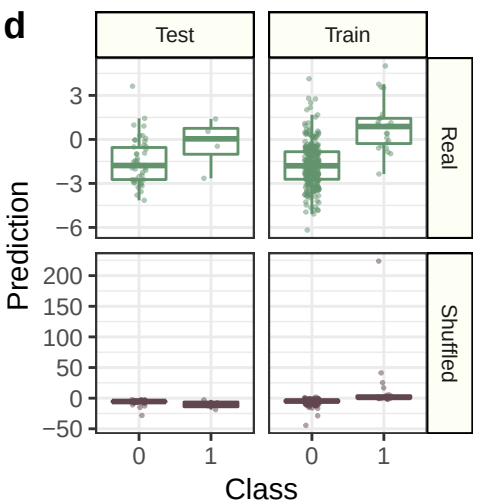


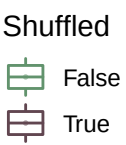




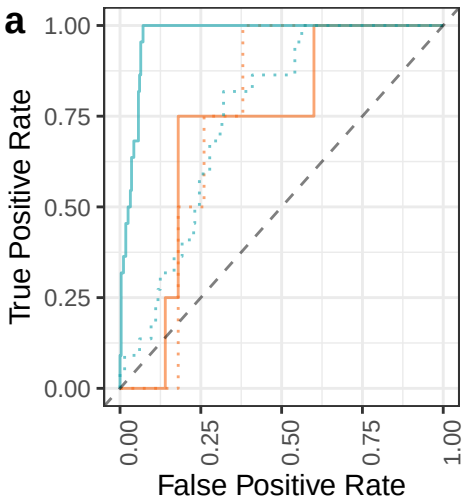
AUROC	AUPR	fit	shuffle	pos_n
0.90	0.46	Train	False	24
0.74	0.25	Test	False	24
0.99	0.90	Train	True	24
0.29	0.11	Test	True	24

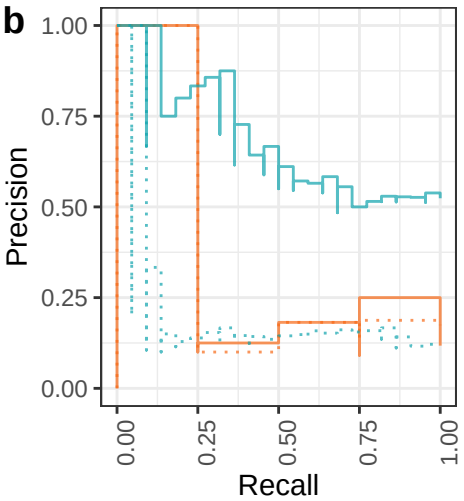






Performance: cc_mitosis_ph3_neg_n_objects

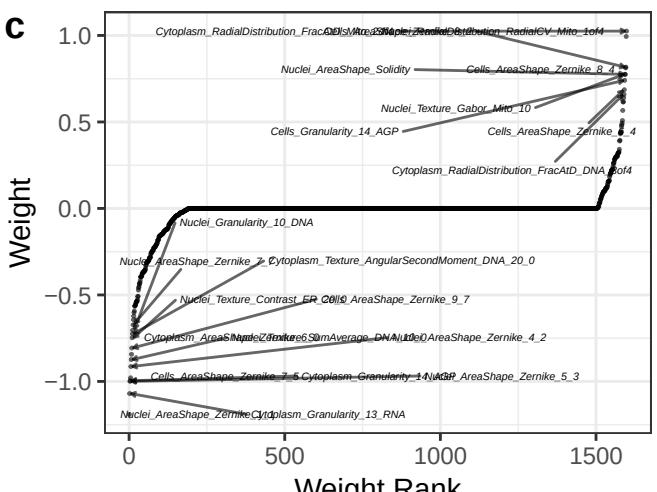


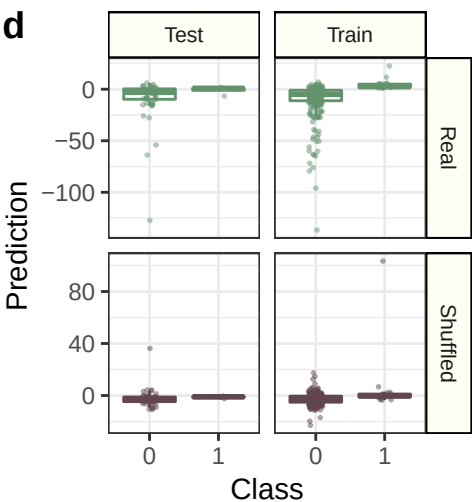


Data: Real Shuffled

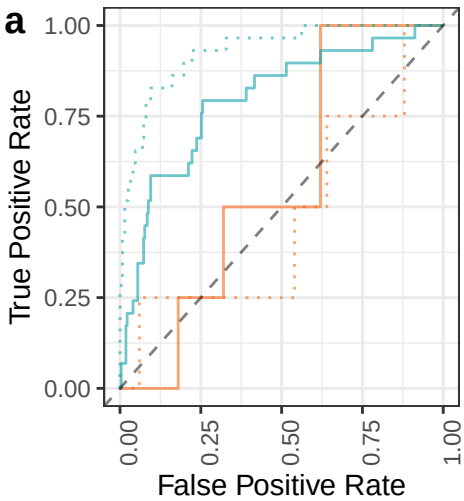
Fit: Test Train

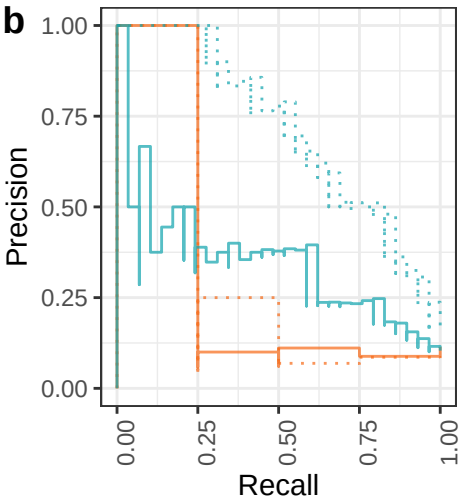
AUROC	AUPR	fit	shuffle	pos_n
0.97	0.67	Train	False	22
0.73	0.17	Test	False	22
0.75	0.19	Train	True	22
0.75	0.16	Test	True	22





Performance: cc_polynuclear_n_spots_mean

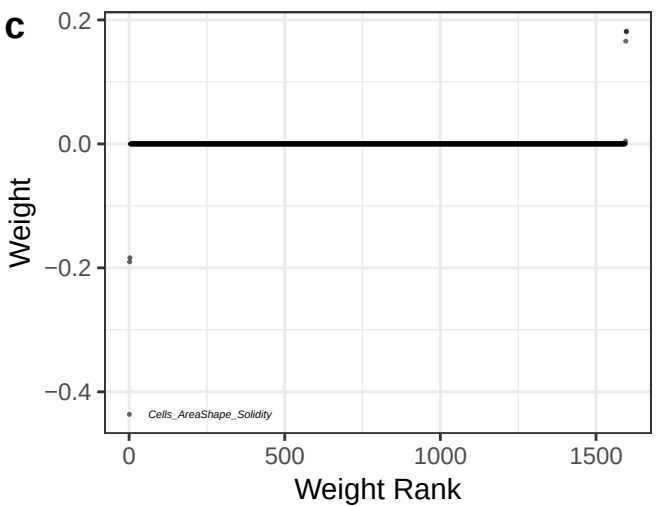


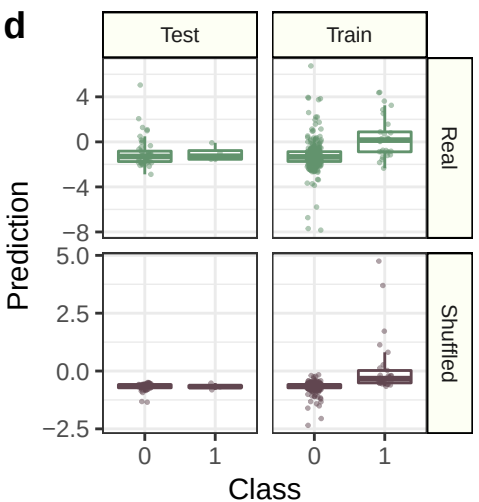


Data: Real Shuffled

Fit: Test Train

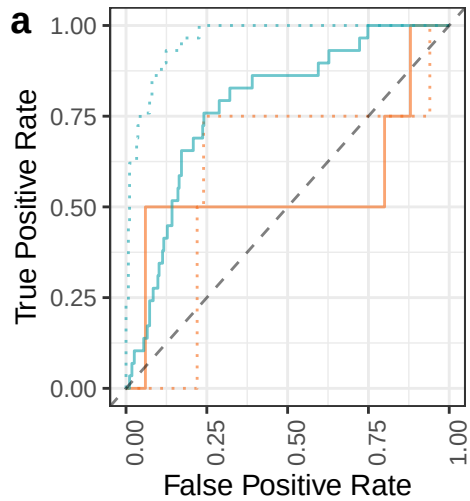
AUROC	AUPR	fit	shuffle	pos_n
0.80	0.33	Train	False	29
0.57	0.10	Test	False	29
0.93	0.70	Train	True	29
0.47	0.12	Test	True	29

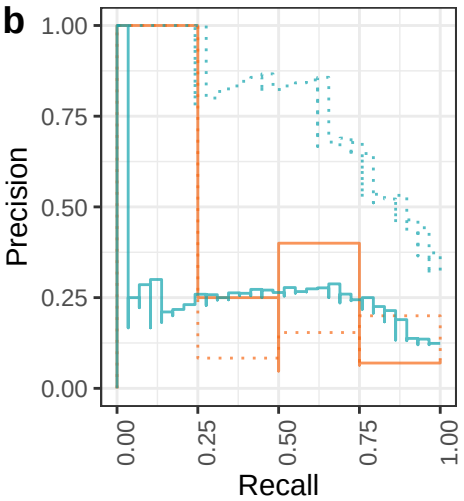


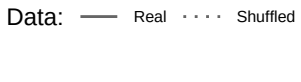


Shuffled
False
True

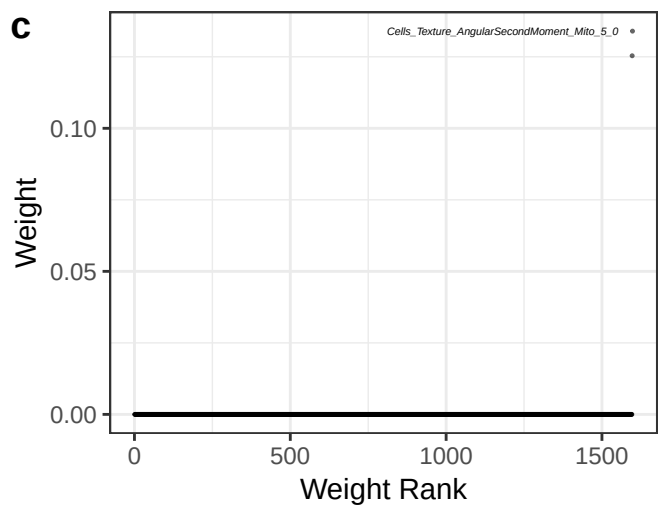
Performance: cc_polynuclear_n_spots_per_nucleus_area_mean

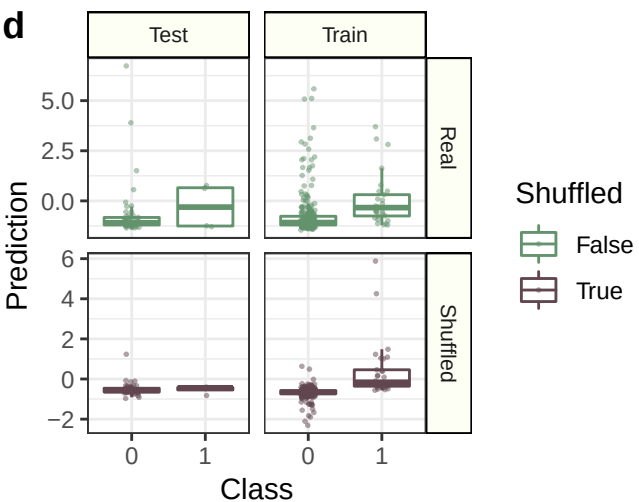




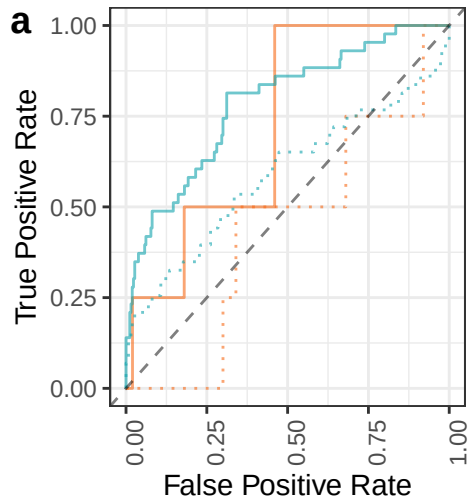


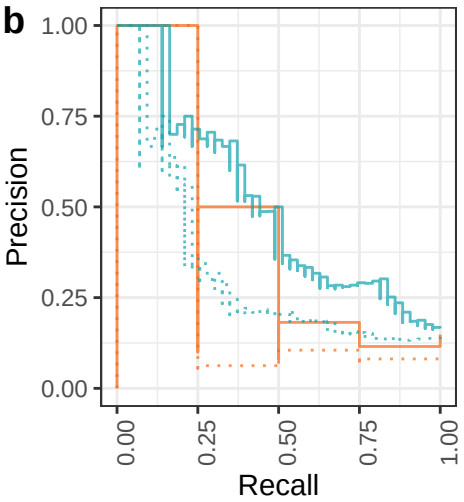
AUROC	AUPR	fit	shuffle	pos_n
0.78	0.24	Train	False	29
0.55	0.20	Test	False	29
0.96	0.76	Train	True	29
0.60	0.13	Test	True	29





Performance: cc_polyploid_n_spots_per_nucleus_area_mean

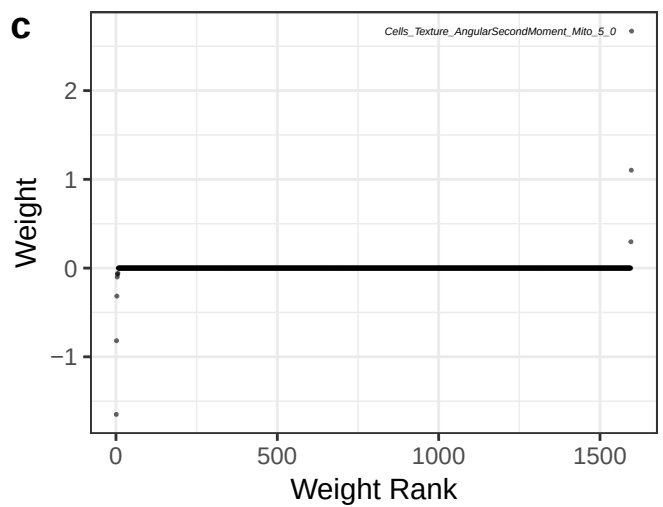


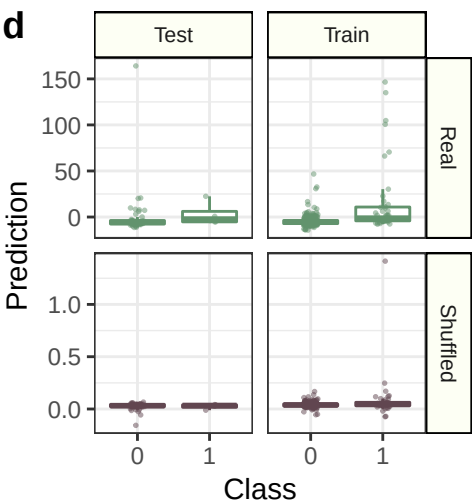


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.79	0.50	Train	False	43
0.72	0.24	Test	False	43
0.59	0.32	Train	True	43
0.44	0.08	Test	True	43



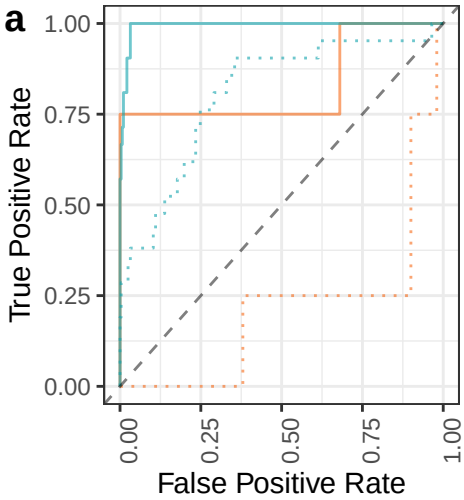


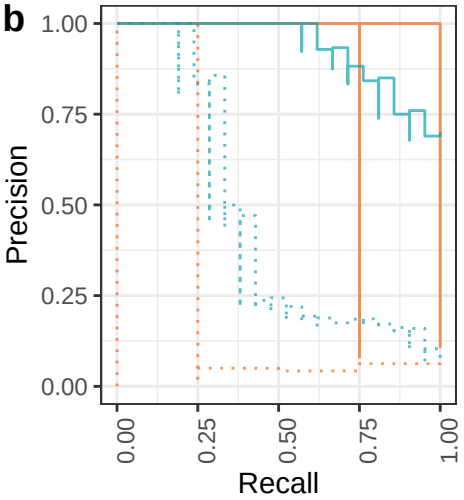
Shuffled

False

True

Performance: vb_percent_dead_only

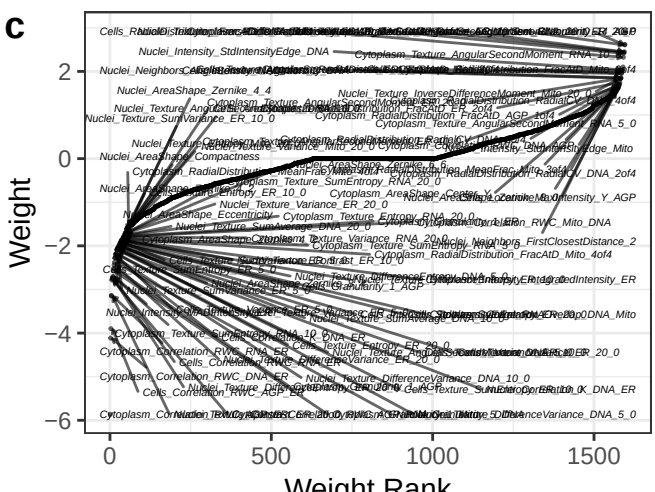


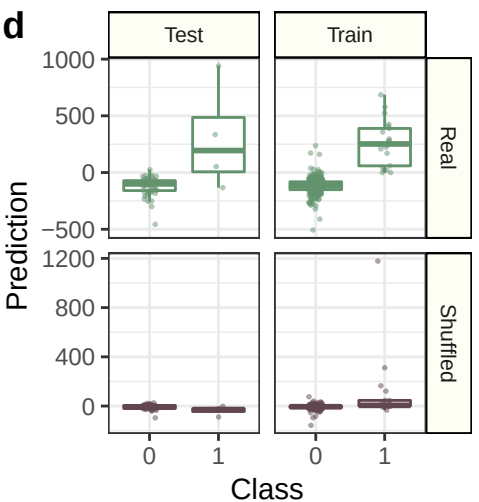


Data: Real Shuffled

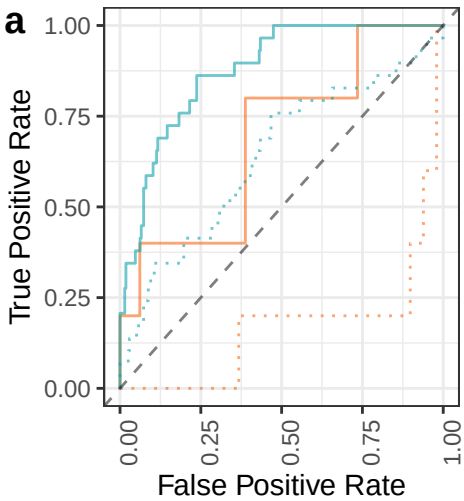
Fit: Test Train

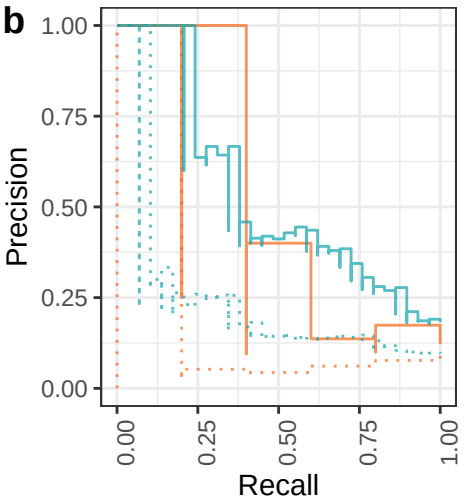
AUROC	AUPR	fit	shuffle	pos_n
0.99	0.92	Train	False	21
0.83	0.78	Test	False	21
0.81	0.43	Train	True	21
0.21	0.06	Test	True	21





Performance: cc_all_n_spots_mean

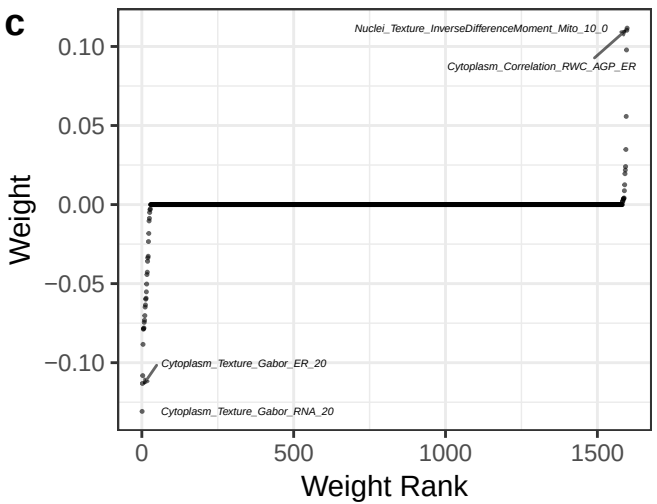


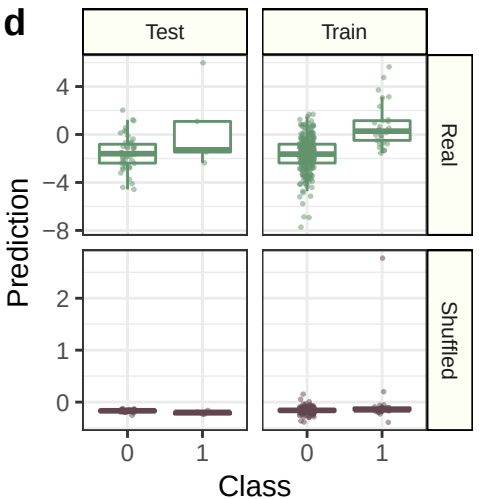


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.88	0.52	Train	False	29
0.69	0.37	Test	False	29
0.64	0.23	Train	True	29
0.17	0.07	Test	True	29



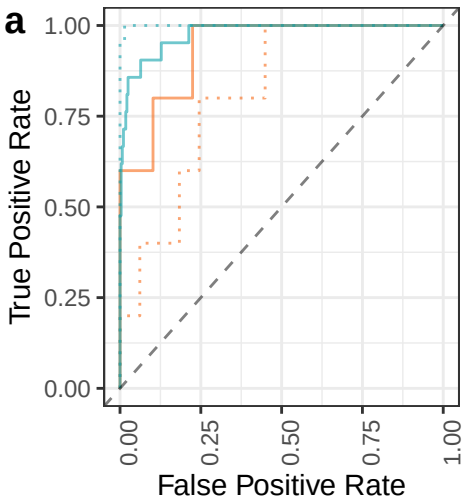


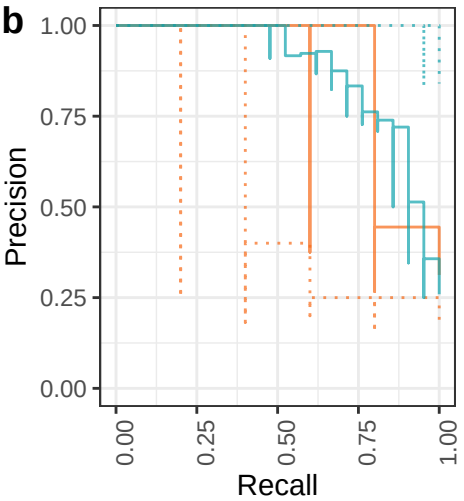
Shuffled

False

True

Performance: cc_all_nucleus_area_mean

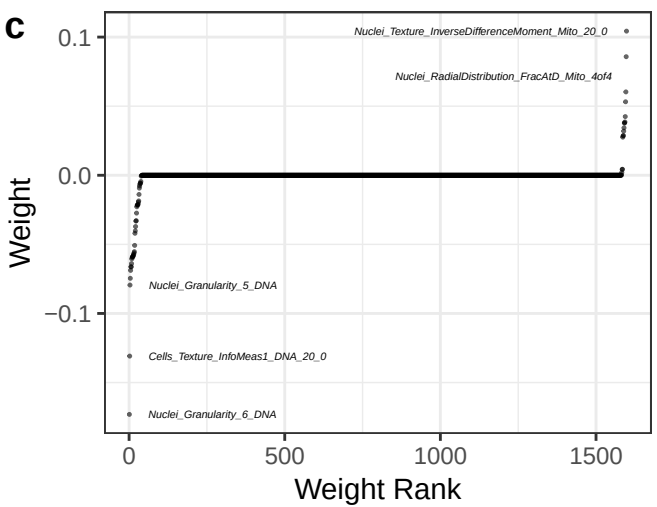


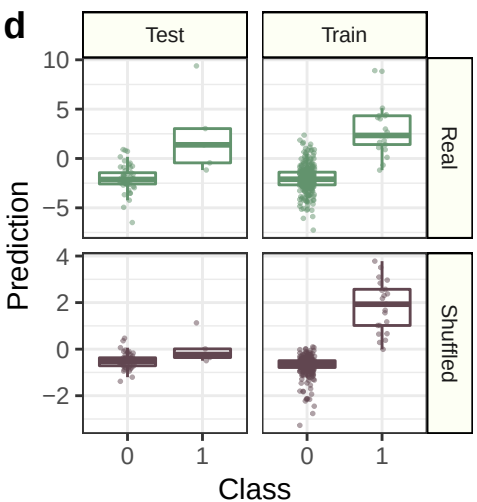


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.98	0.85	Train	False	21
0.93	0.75	Test	False	21
1.00	0.99	Train	True	21
0.81	0.42	Test	True	21



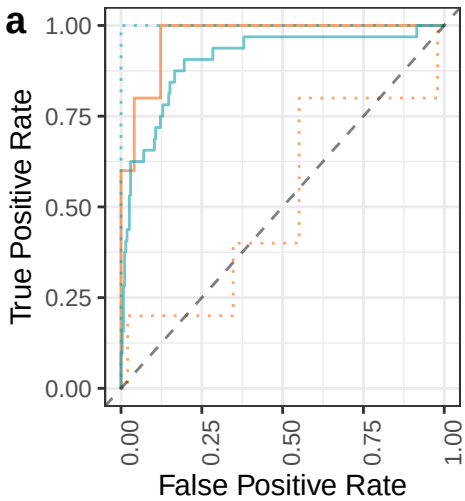


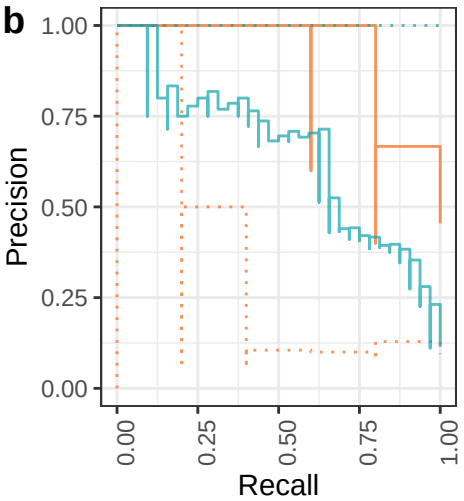
Shuffled

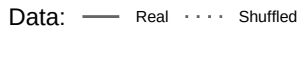
False

True

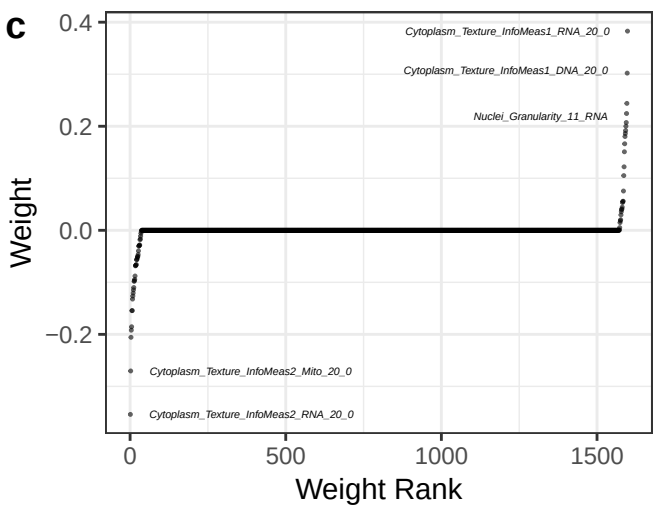
Performance: cc_cc_g2_ph3_pos_early_mitosis_mean

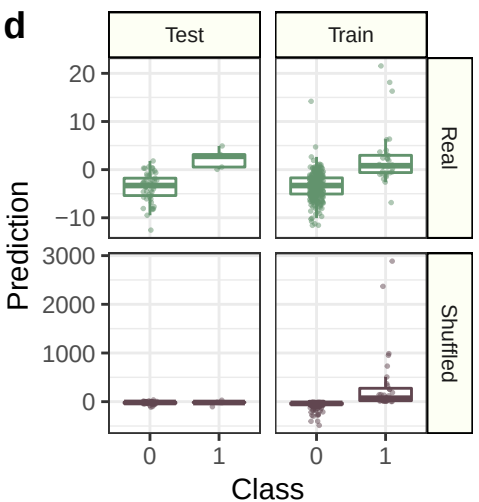


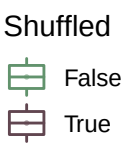




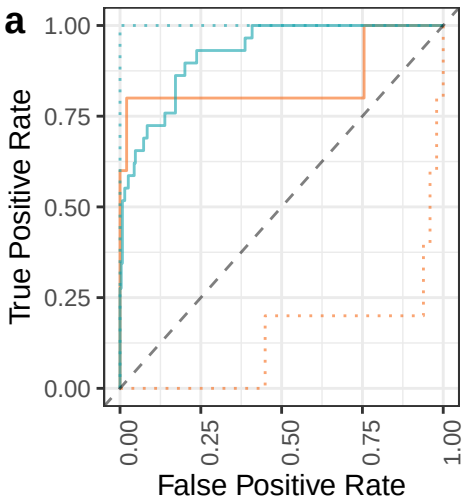
AUROC	AUPR	fit	shuffle	pos_n
0.90	0.63	Train	False	32
0.97	0.82	Test	False	32
1.00	1.00	Train	True	32
0.51	0.19	Test	True	32

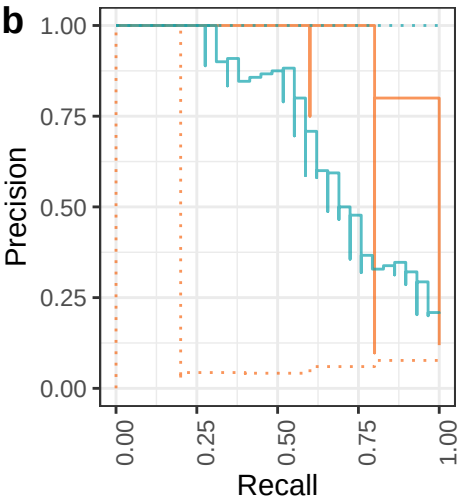






Performance: cc_cc_n_spots_mean

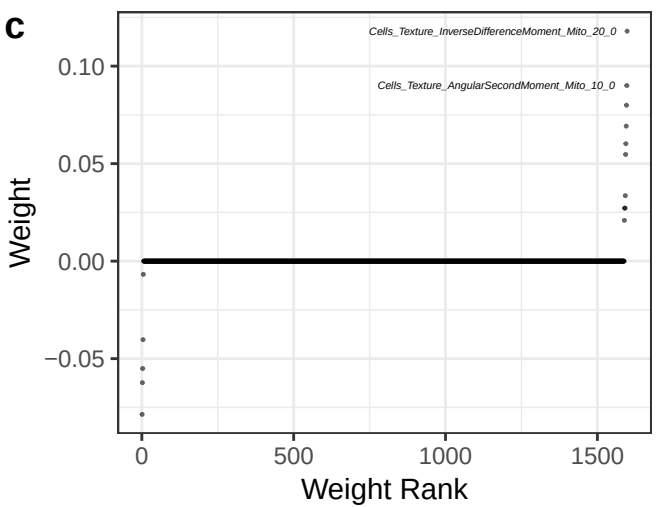


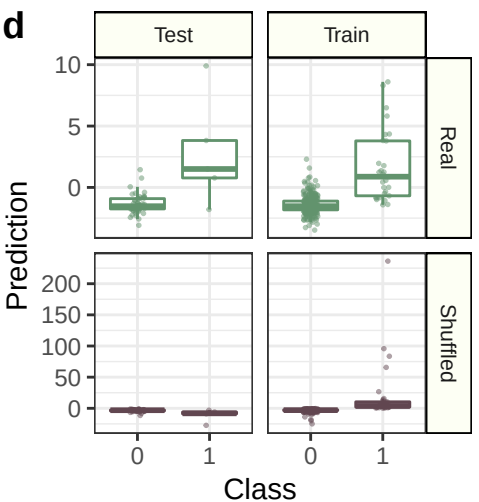


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.92	0.70	Train	False	29
0.84	0.78	Test	False	29
1.00	1.00	Train	True	29
0.13	0.06	Test	True	29



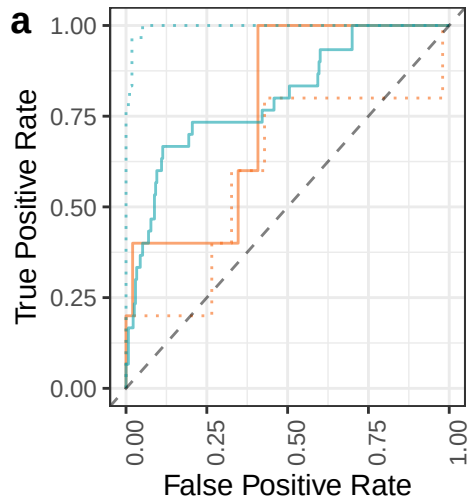


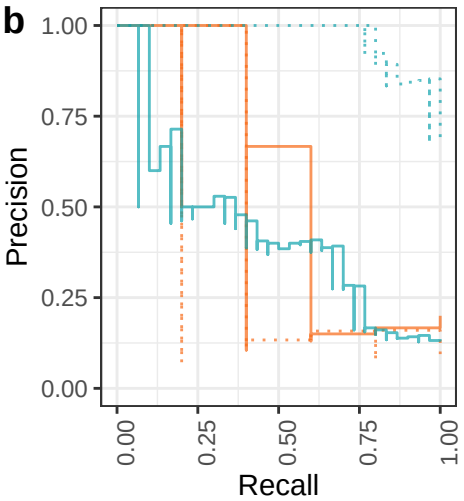
Shuffled

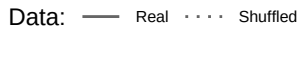
False

True

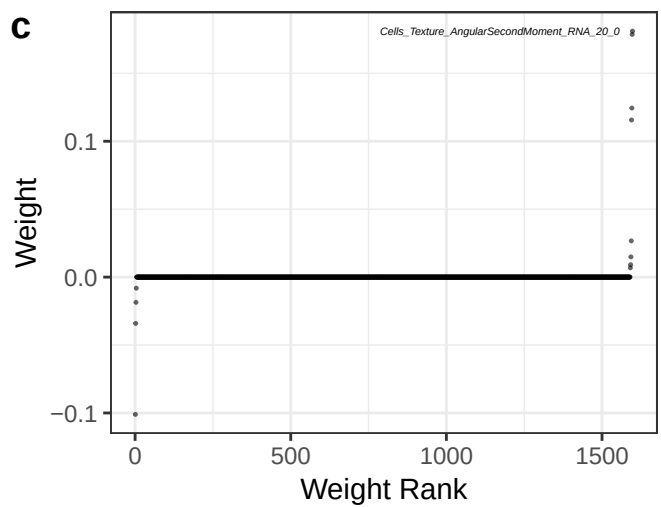
Performance: cc_edu_pos_n_spots_per_nucleus_area_mean

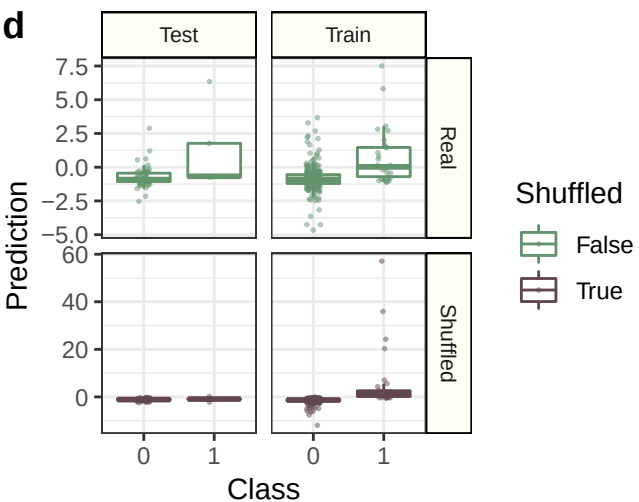




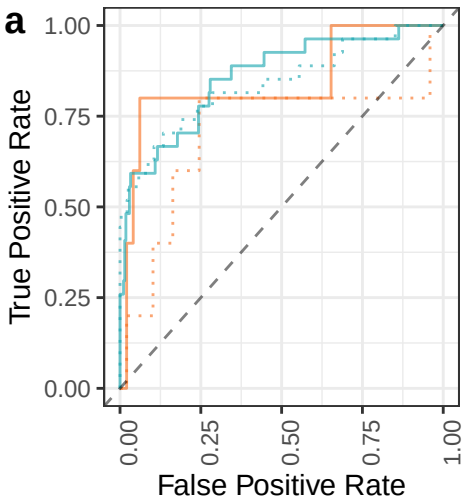


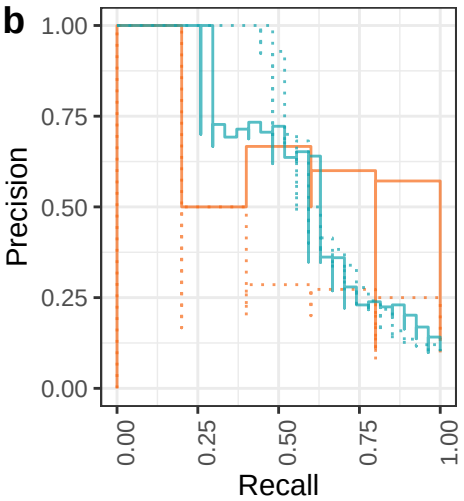
AUROC	AUPR	fit	shuffle	pos_n
0.80	0.41	Train	False	30
0.76	0.44	Test	False	30
1.00	0.96	Train	True	30
0.60	0.31	Test	True	30





Performance: cc_g1_n_spots_mean

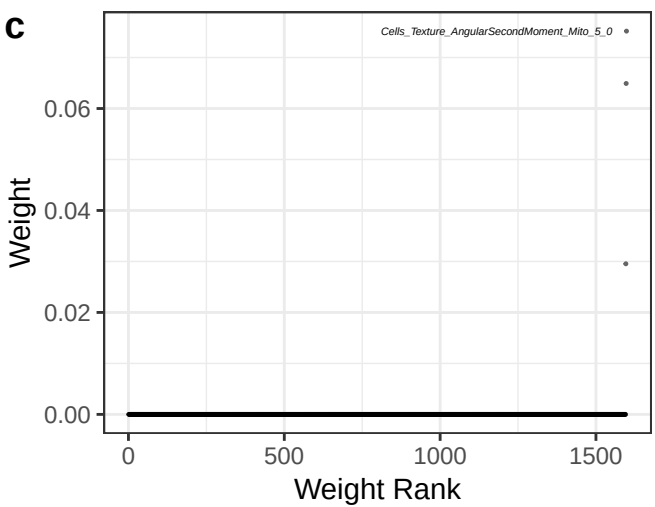


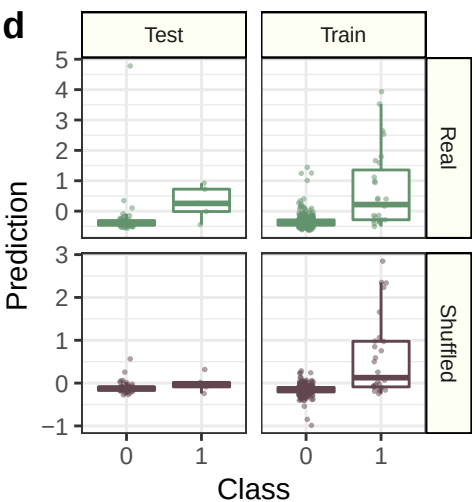


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.86	0.58	Train	False	27
0.84	0.49	Test	False	27
0.84	0.64	Train	True	27
0.70	0.28	Test	True	27



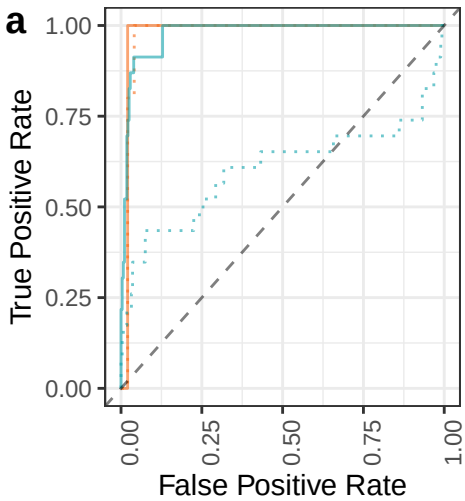


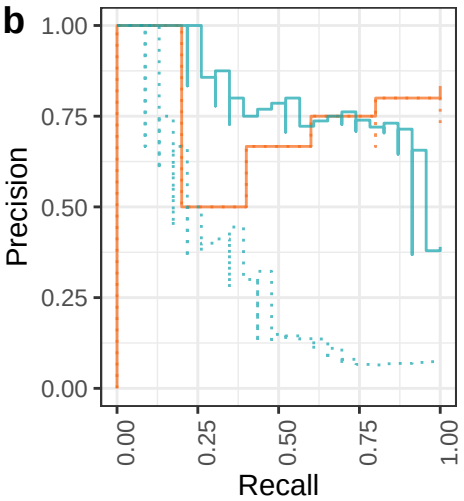
Shuffled

False

True

Performance: cc_g1_plus_g2

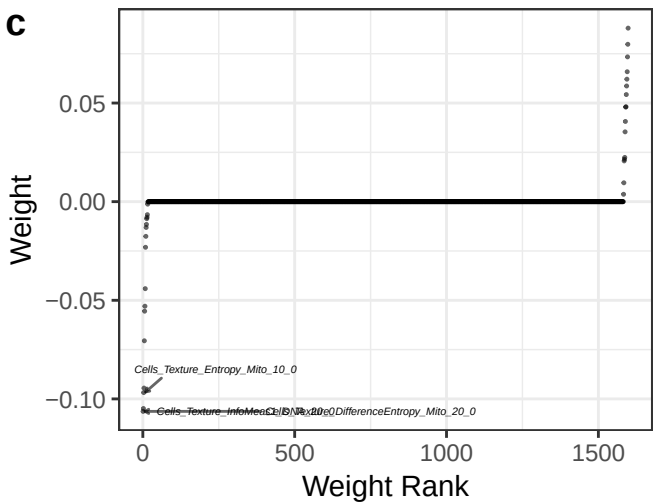


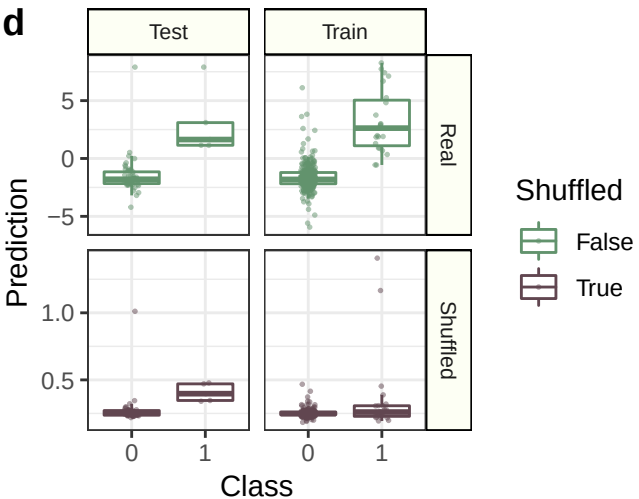


Data: Real Shuffled

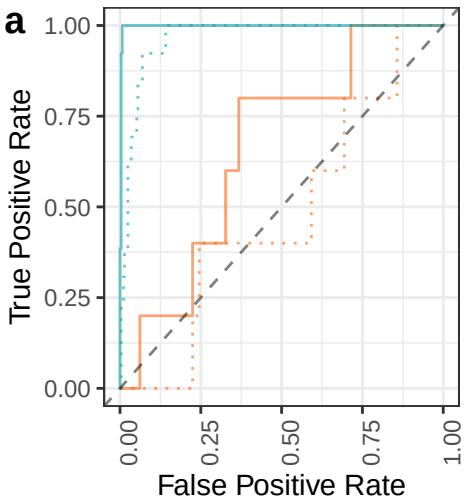
Fit: Test Train

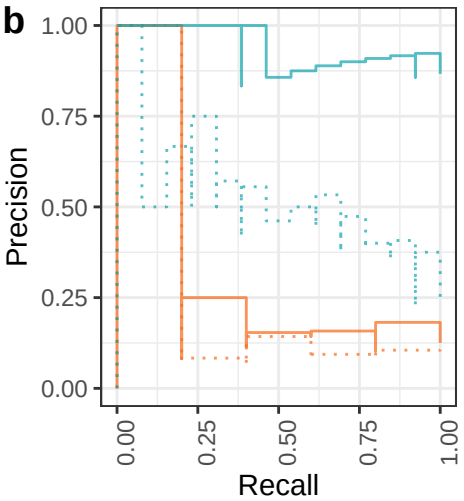
AUROC	AUPR	fit	shuffle	pos_n
0.98	0.78	Train	False	23
0.98	0.71	Test	False	23
0.60	0.31	Train	True	23
0.98	0.69	Test	True	23





Performance: cc_g2_ph3_pos_n_objects

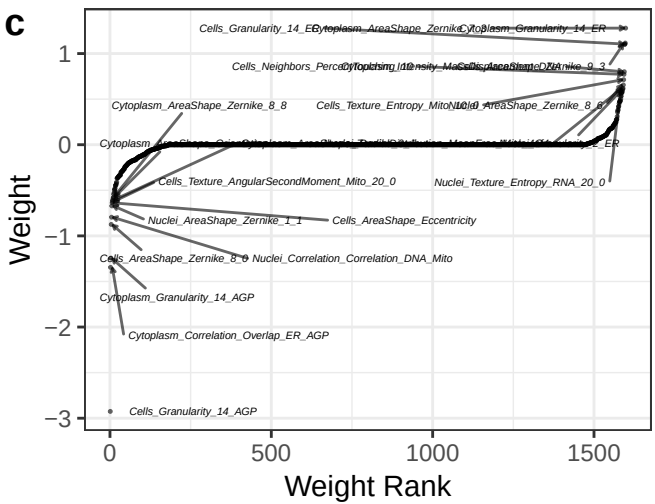


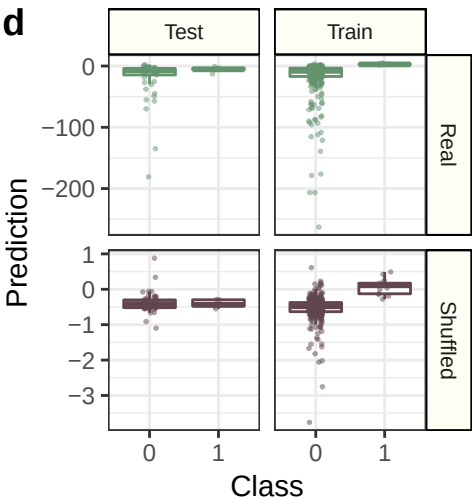


Data: Real Shuffled

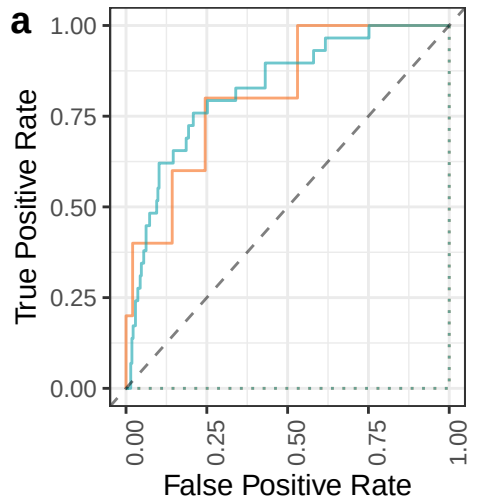
Fit: Test Train

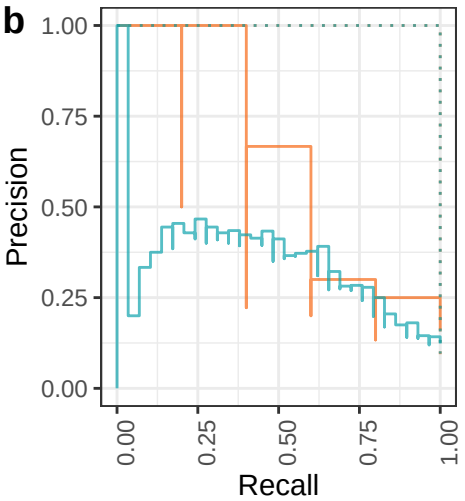
AUROC	AUPR	fit	shuffle	pos_n
1.00	0.93	Train	False	13
0.66	0.17	Test	False	13
0.96	0.50	Train	True	13
0.48	0.11	Test	True	13





Performance: cc_g2_ph3_pos_n_spots_mean

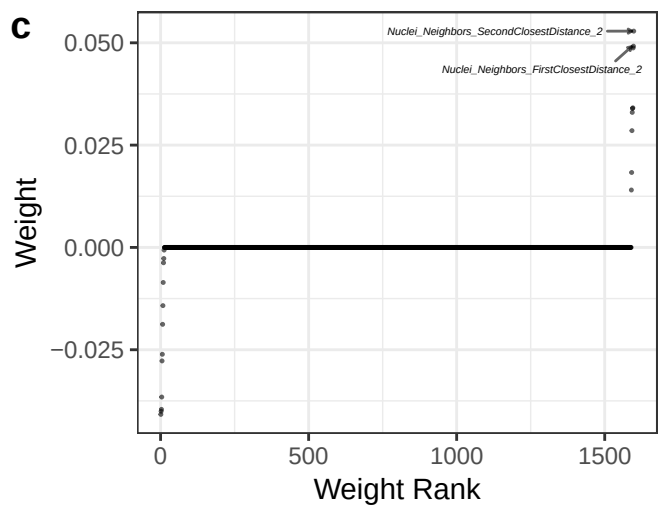


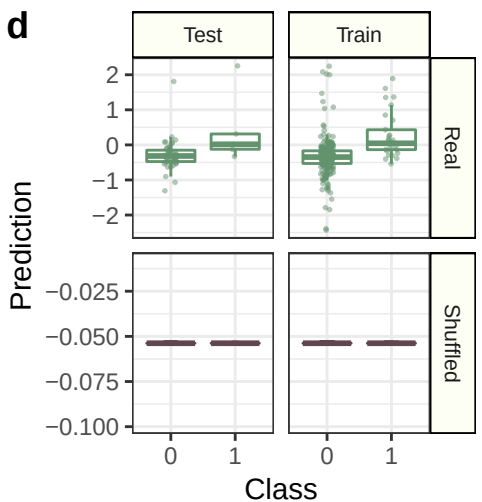


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.83	0.33	Train	False	29
0.81	0.48	Test	False	29
0.50	0.10	Train	True	29
0.50	0.09	Test	True	29



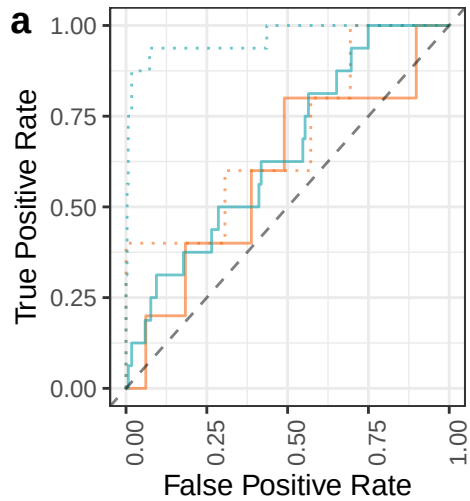


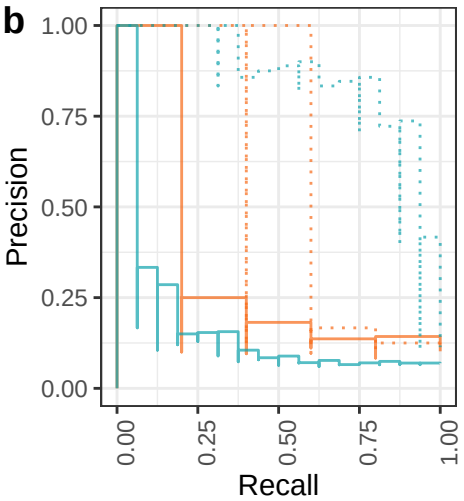
Shuffled

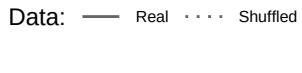
False

True

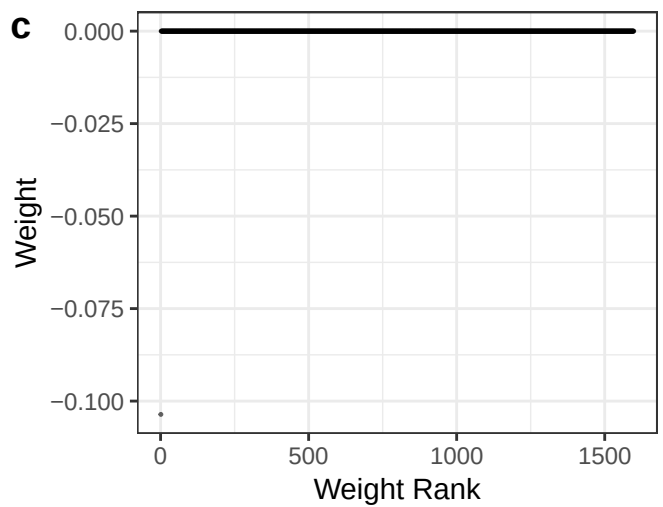
Performance: cc_mitosis_ph3_neg_high_n_spots_h2ax_mean

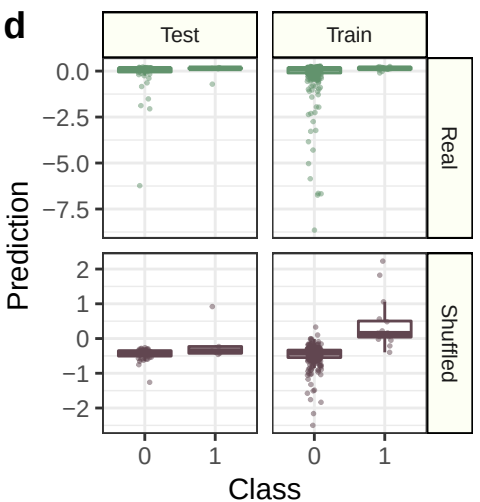


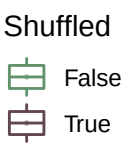




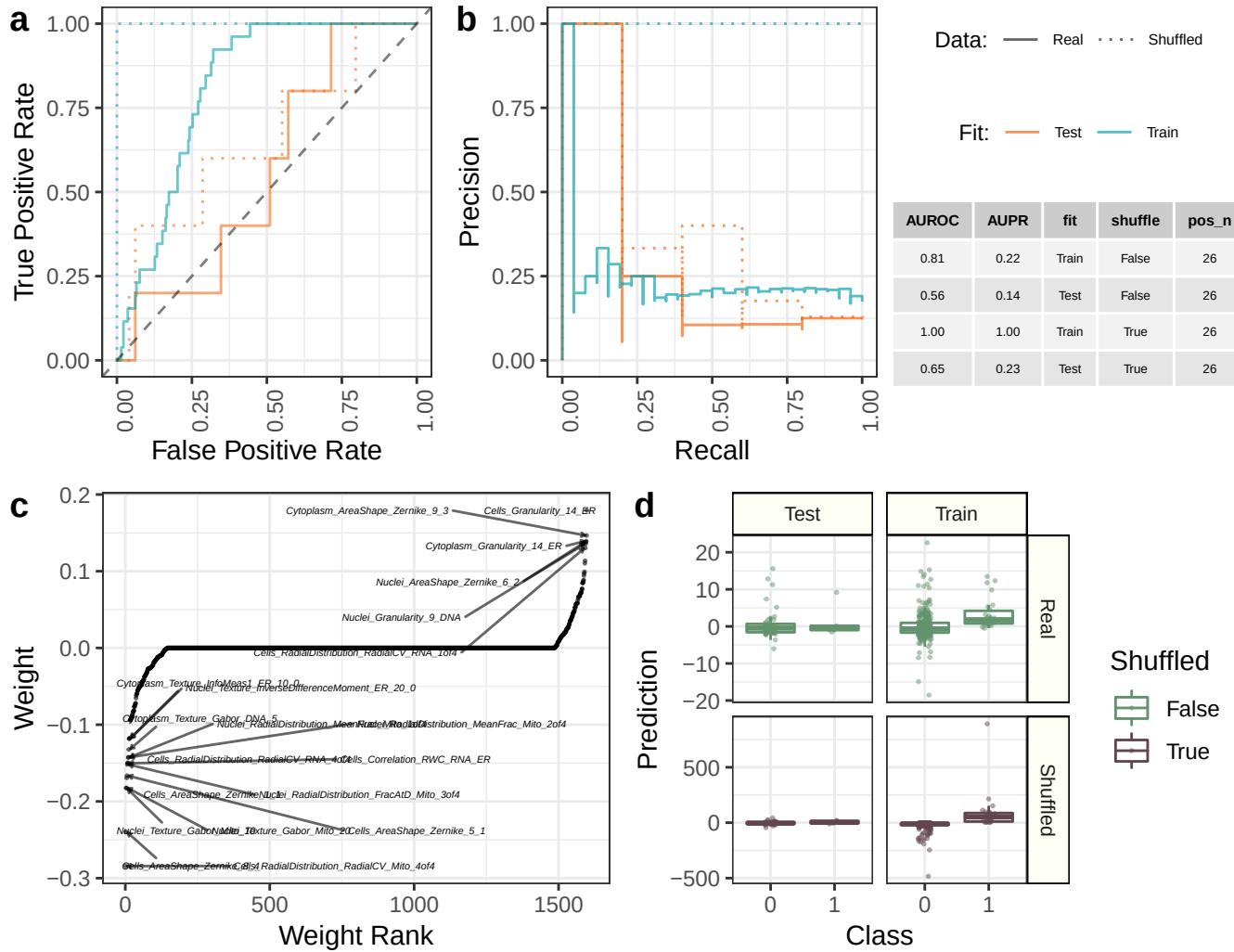
AUROC	AUPR	fit	shuffle	pos_n
0.65	0.12	Train	False	16
0.60	0.16	Test	False	16
0.96	0.82	Train	True	16
0.69	0.48	Test	True	16





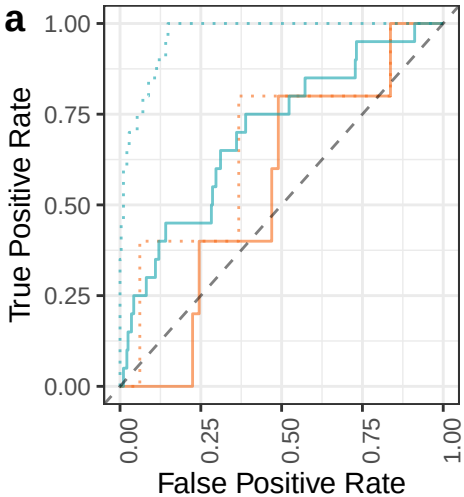


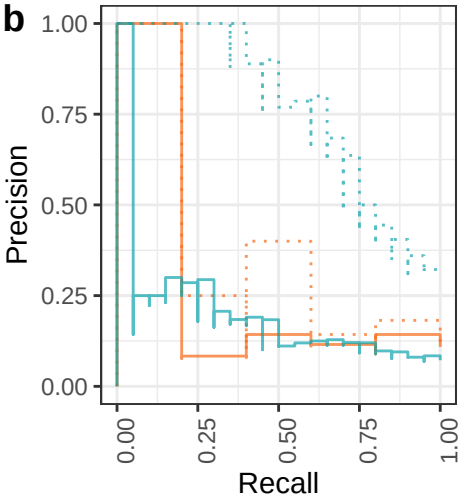
Performance: cc_mitosis_ph3_neg_n_spots_mean



AUROC	AUPR	fit	shuffle	pos_n
0.81	0.22	Train	False	26
0.56	0.14	Test	False	26
1.00	1.00	Train	True	26
0.65	0.23	Test	True	26

Performance: cc_mitosis_ph3_neg_n_spots_per_nucleus_area_mean

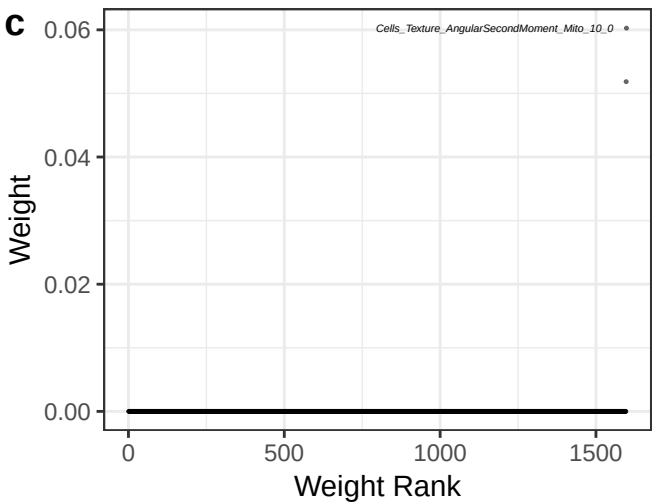


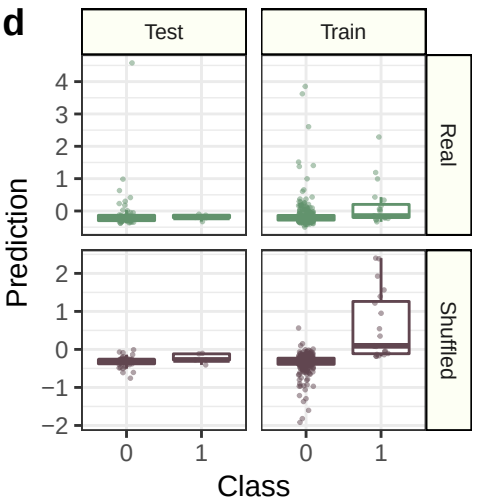


Data: Real Shuffled

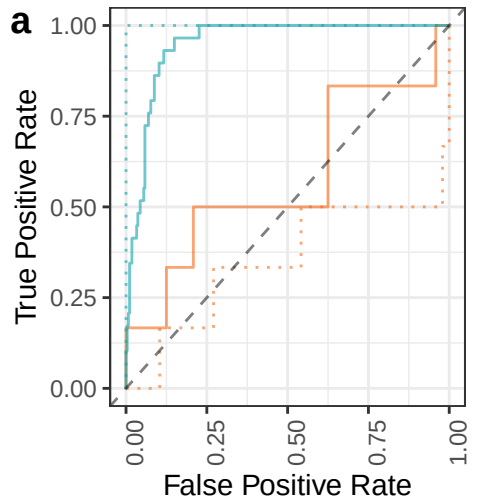
Fit: Test Train

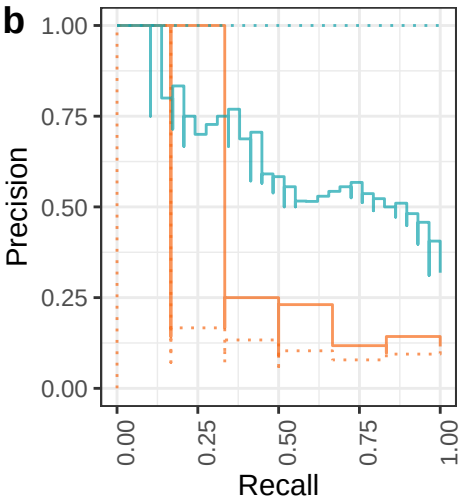
AUROC	AUPR	fit	shuffle	pos_n
0.70	0.16	Train	False	20
0.55	0.12	Test	False	20
0.96	0.74	Train	True	20
0.66	0.22	Test	True	20





Performance: cc_all_high_n_spots_h2ax_mean

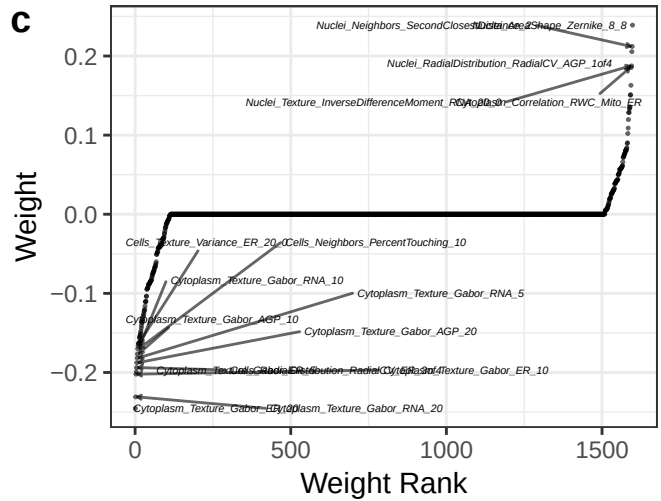


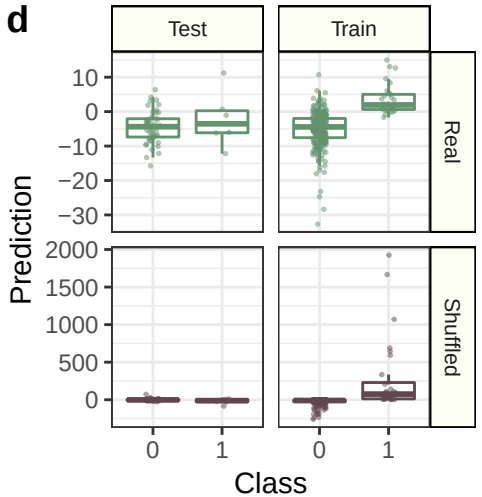


Data: Real Shuffled

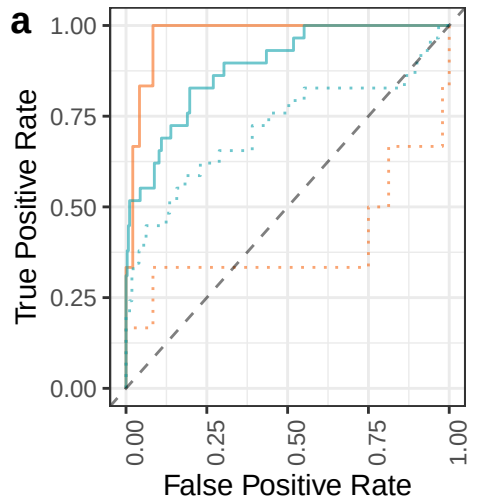
Fit: Test Train

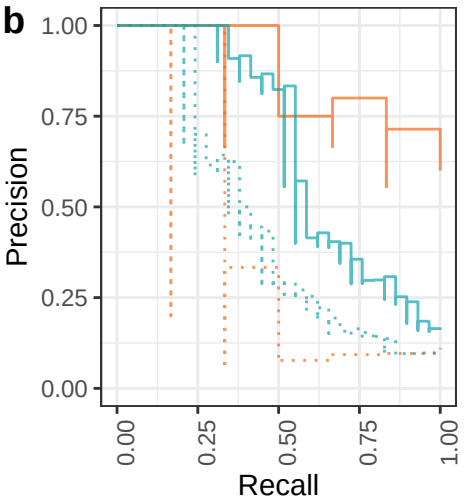
AUROC	AUPR	fit	shuffle	pos_n
0.95	0.63	Train	False	29
0.58	0.31	Test	False	29
1.00	1.00	Train	True	29
0.35	0.11	Test	True	29





Performance: cc_cc_n_spots_per_nucleus_area_mean

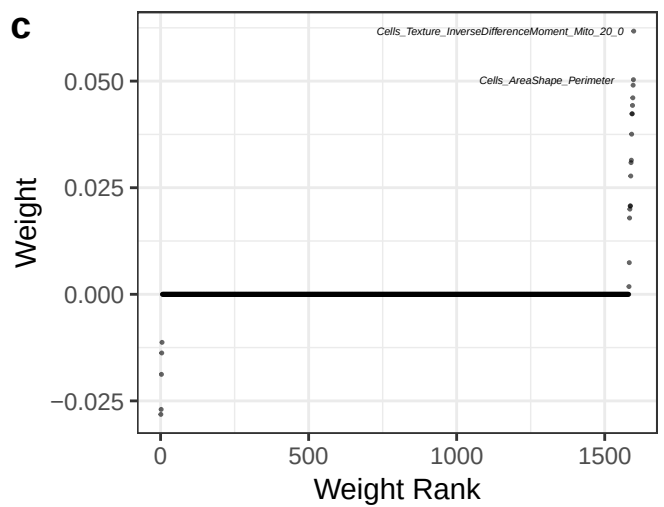


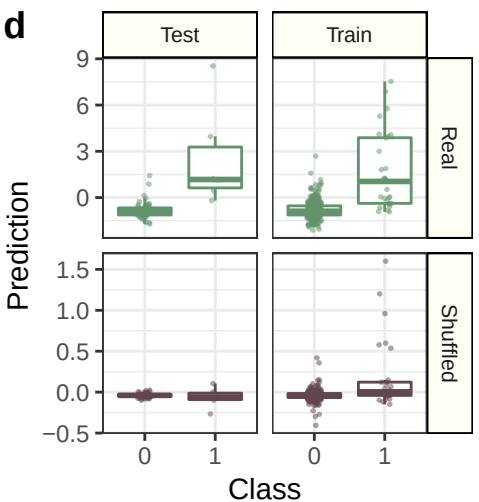


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.89	0.64	Train	False	29
0.97	0.81	Test	False	29
0.72	0.44	Train	True	29
0.40	0.29	Test	True	29



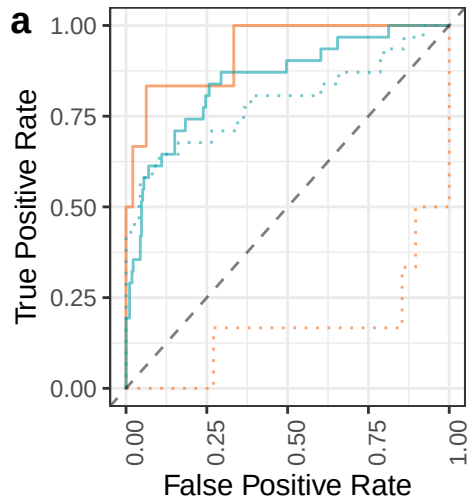


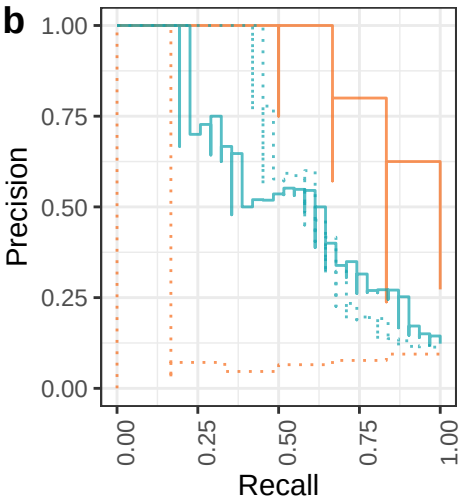
Shuffled

False

True

Performance: cc_g1_n_spots_per_nucleus_area_mean

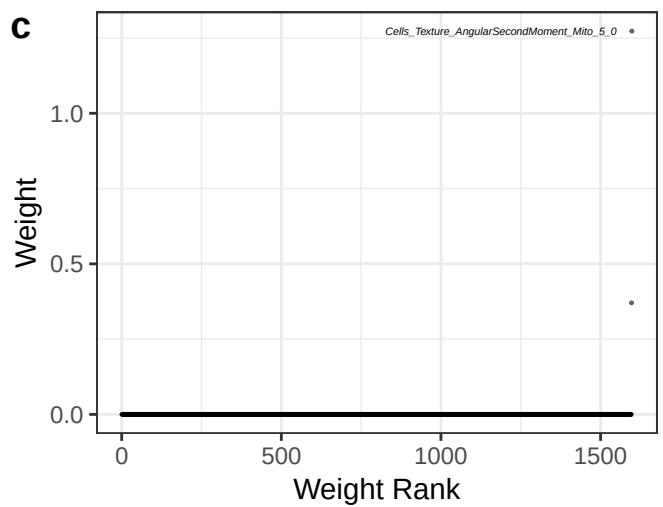


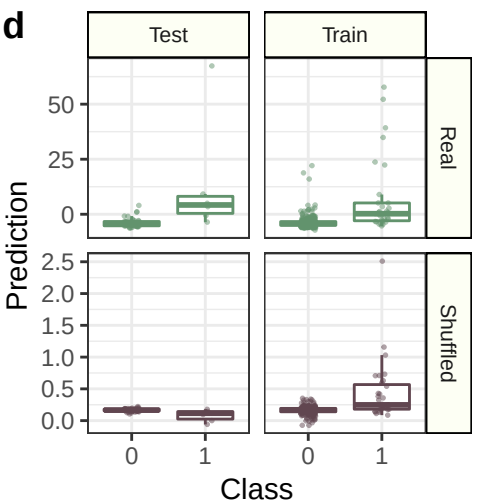


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.85	0.54	Train	False	31
0.93	0.78	Test	False	31
0.79	0.61	Train	True	31
0.16	0.08	Test	True	31



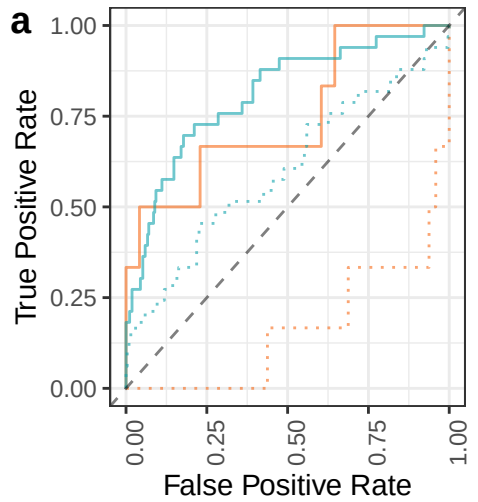


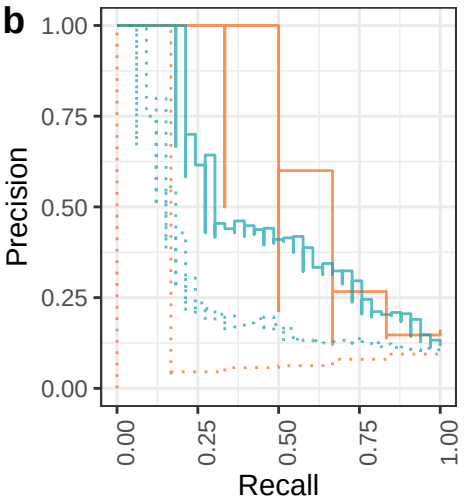
Shuffled

False

True

Performance: cc_g2_ph3_pos_n_spots_per_nucleus_area_mean

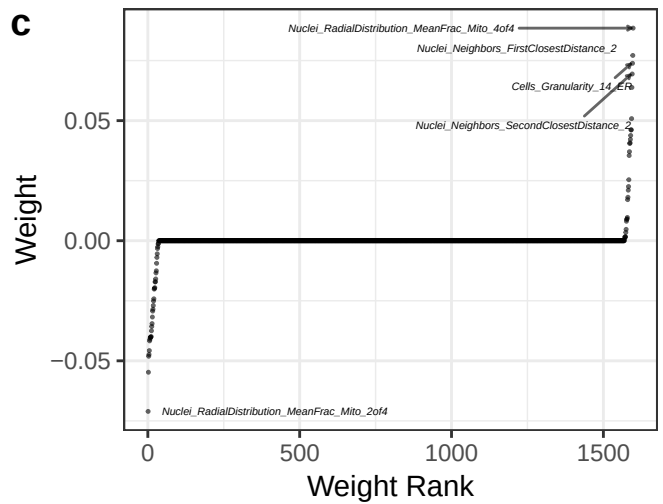


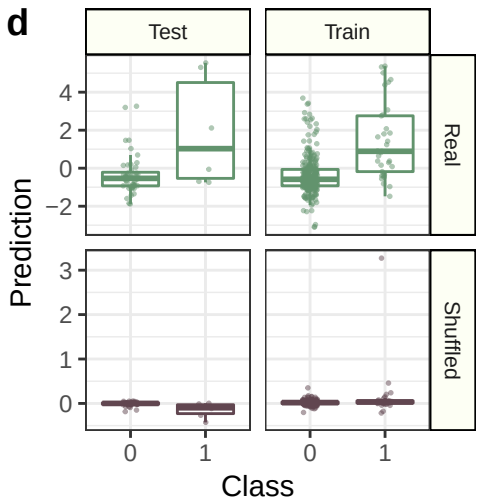


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.81	0.47	Train	False	33
0.75	0.53	Test	False	33
0.60	0.26	Train	True	33
0.16	0.08	Test	True	33



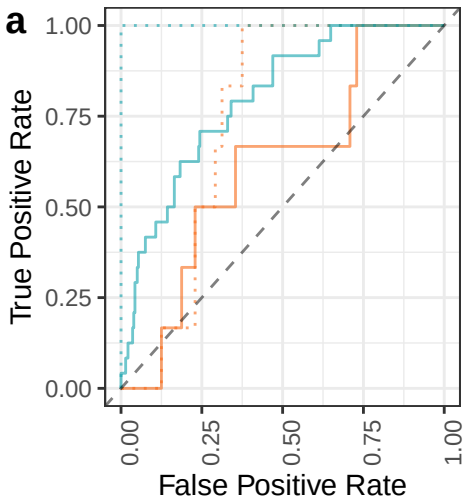


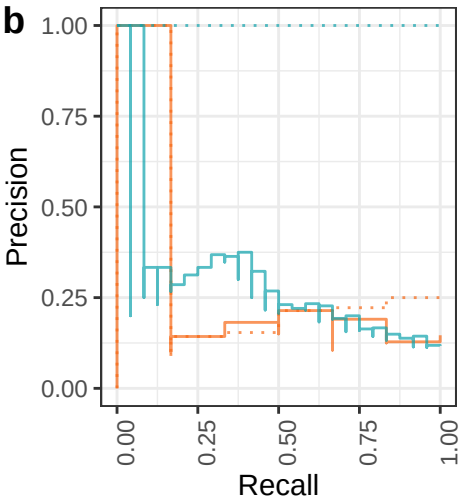
Shuffled

False

True

Performance: cc_mitosis_ph3_pos_n_objects

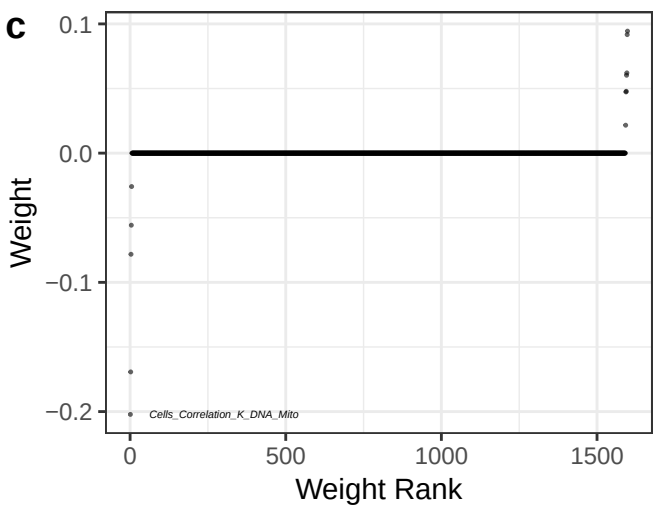


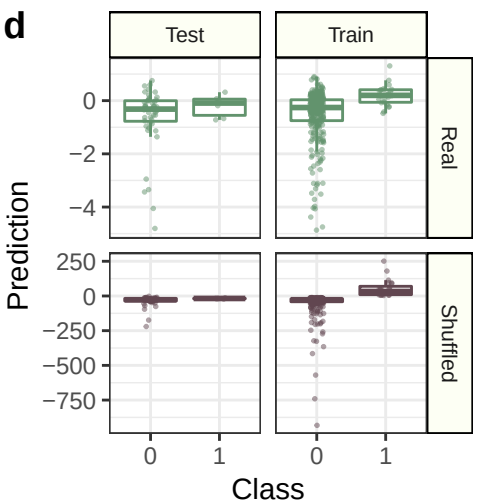


Data: Real Shuffled

Fit: Test Train

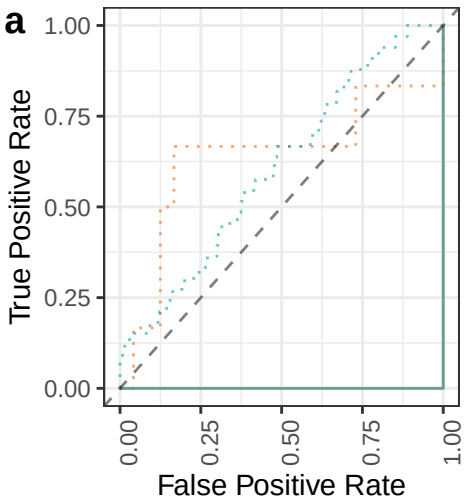
AUROC	AUPR	fit	shuffle	pos_n
0.80	0.27	Train	False	24
0.61	0.17	Test	False	24
1.00	1.00	Train	True	24
0.74	0.21	Test	True	24

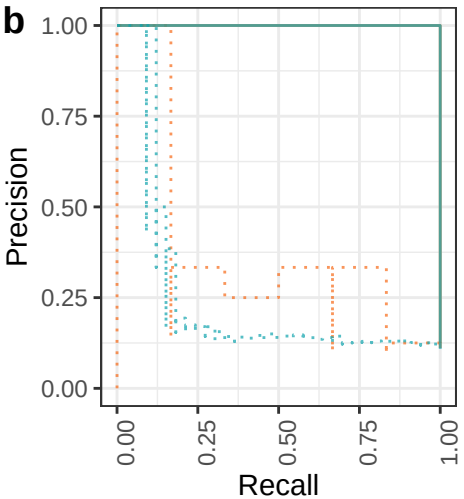




Shuffled
False
True

Performance: vb_percent_caspase_dead_only

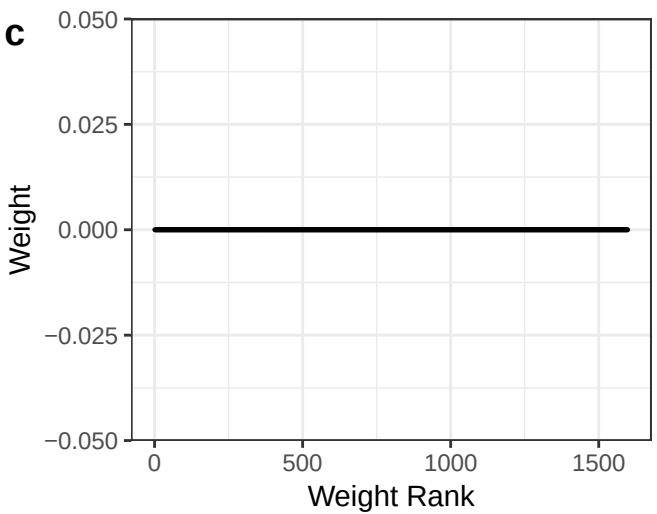


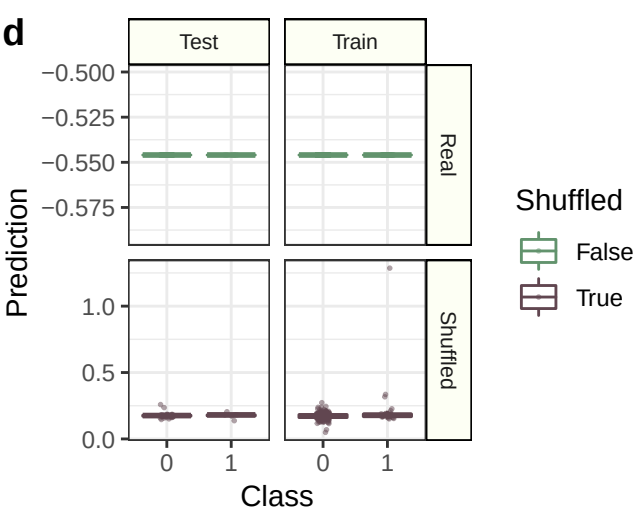


Data: Real Shuffled

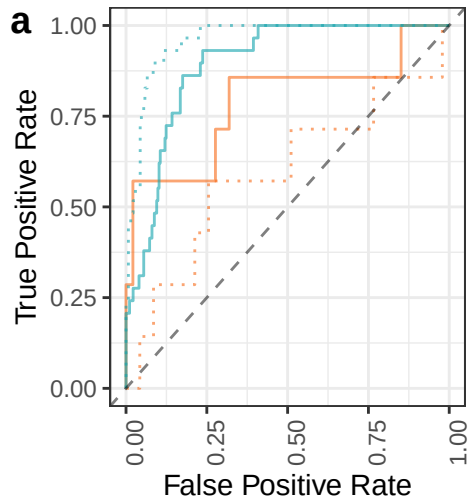
Fit: Test Train

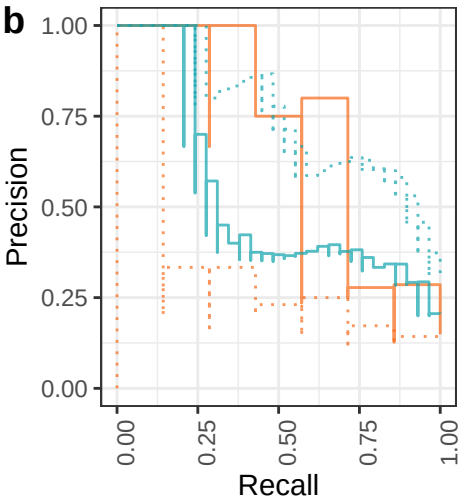
AUROC	AUPR	fit	shuffle	pos_n
0.50	0.11	Train	False	33
0.50	0.11	Test	False	33
0.61	0.24	Train	True	33
0.64	0.25	Test	True	33

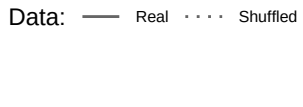




Performance: cc_all_n_spots_per_nucleus_area_mean







AUROC	AUPR	fit	shuffle	pos_n
0.89	0.51	Train	False	29
0.79	0.61	Test	False	29
0.96	0.74	Train	True	29
0.59	0.23	Test	True	29