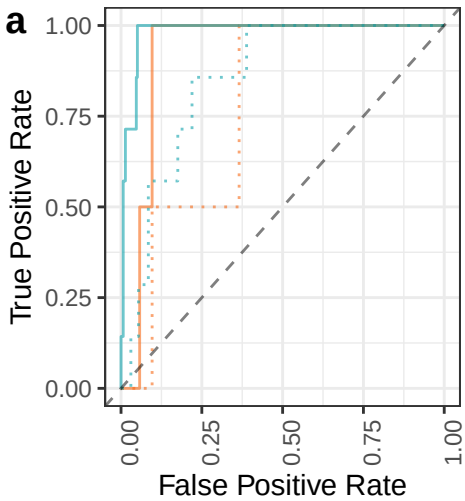
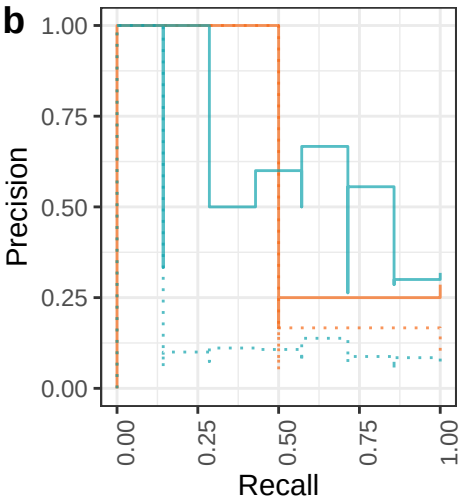
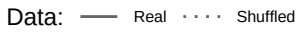
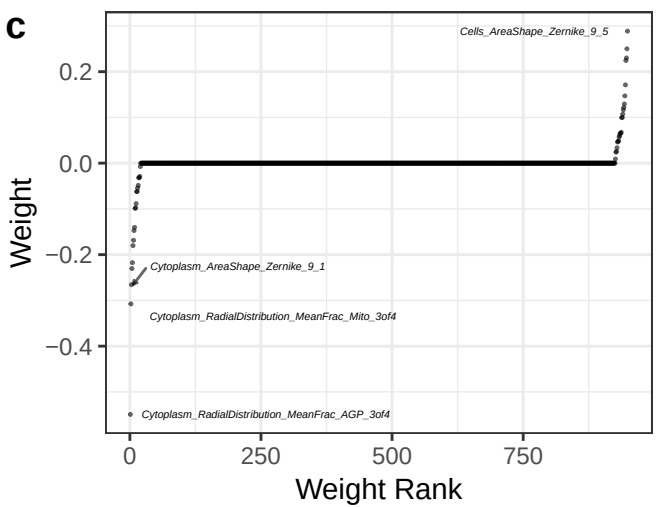
Performance: cc_all_n_objects

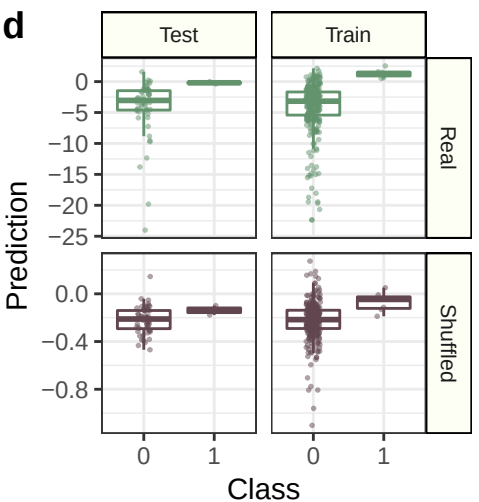


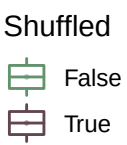




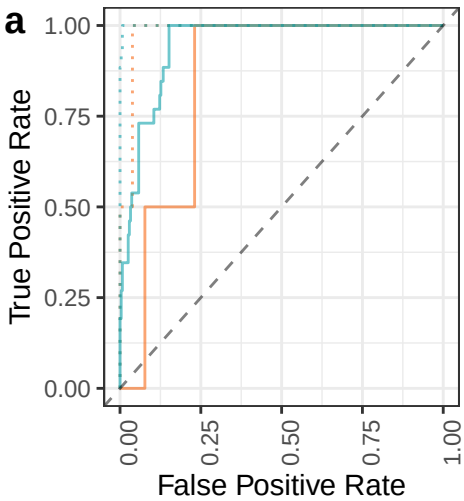
AUROC	AUPR	fit	shuffle	pos_n
0.98	0.56	Train	False	7
0.92	0.27	Test	False	7
0.85	0.10	Train	True	7
0.77	0.13	Test	True	7

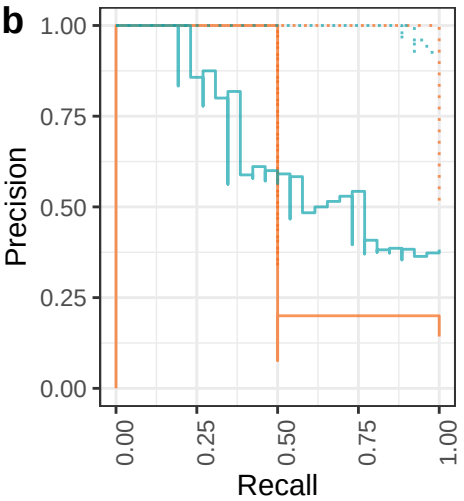






Performance: cc_g2_n_spots_h2ax_mean

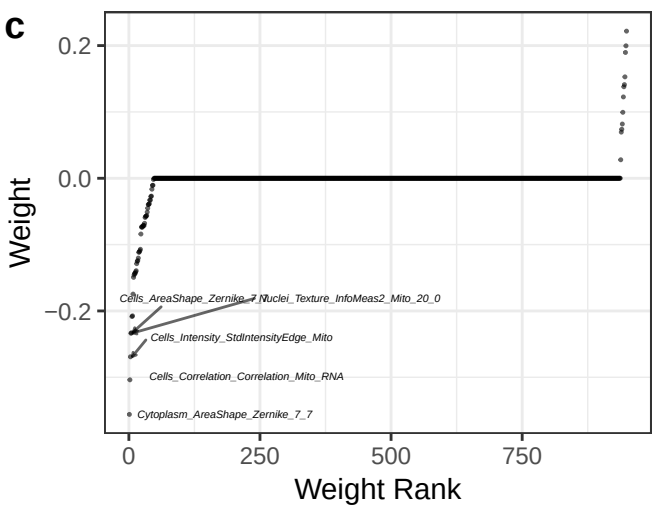


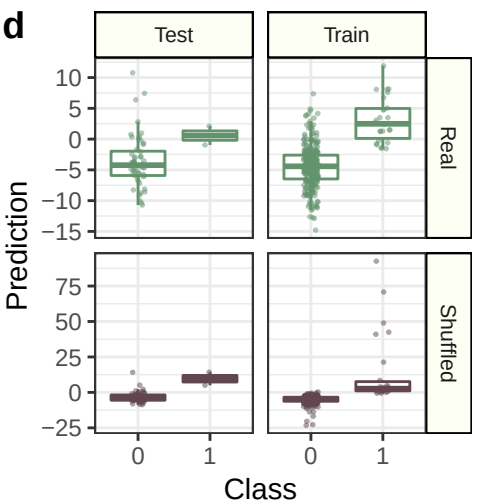


Data: Real Shuffled

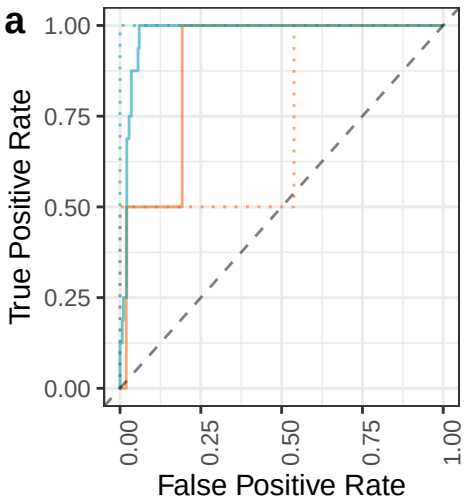
Fit: Test Train

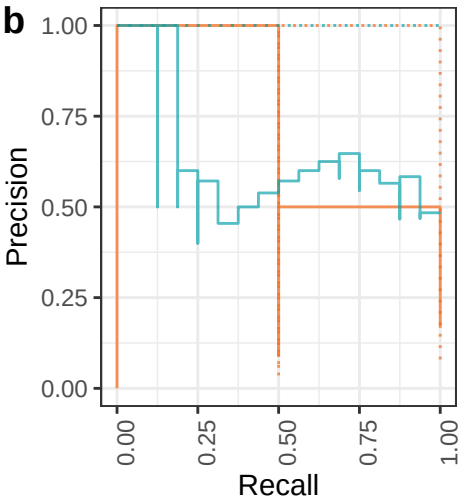
AUROC	AUPR	fit	shuffle	pos_n
0.95	0.64	Train	False	26
0.85	0.17	Test	False	26
1.00	0.99	Train	True	26
0.98	0.75	Test	True	26





Performance: cc_g2_plus_all_m_count

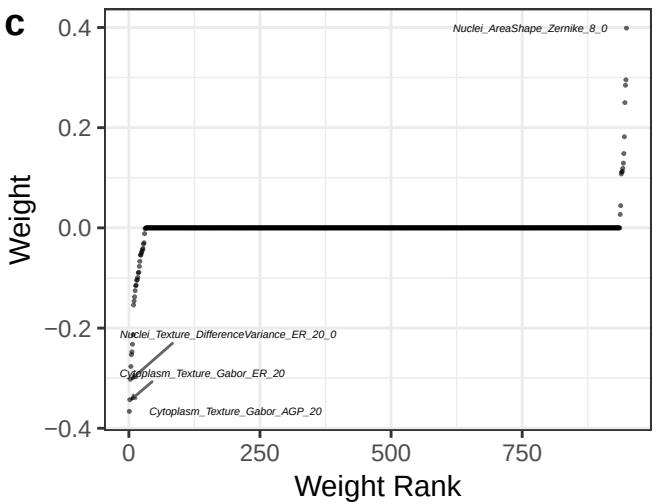


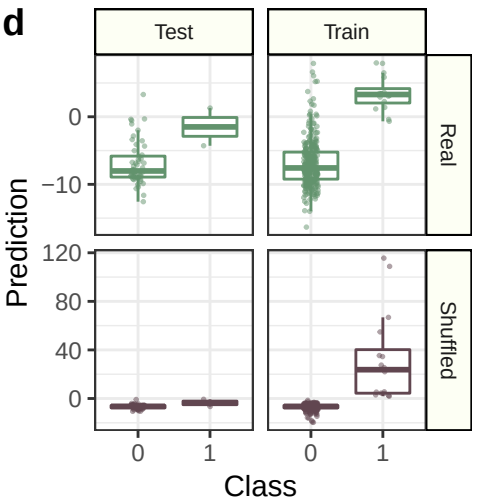


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.98	0.61	Train	False	16
0.89	0.33	Test	False	16
1.00	1.00	Train	True	16
0.73	0.53	Test	True	16



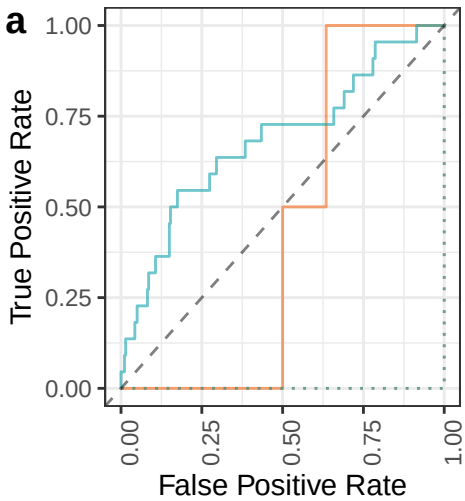


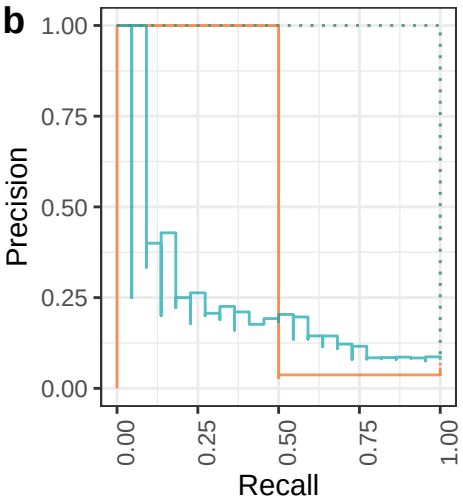
Shuffled

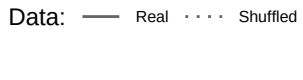
False

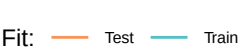
True

Performance: cc_mitosis_high_h2ax

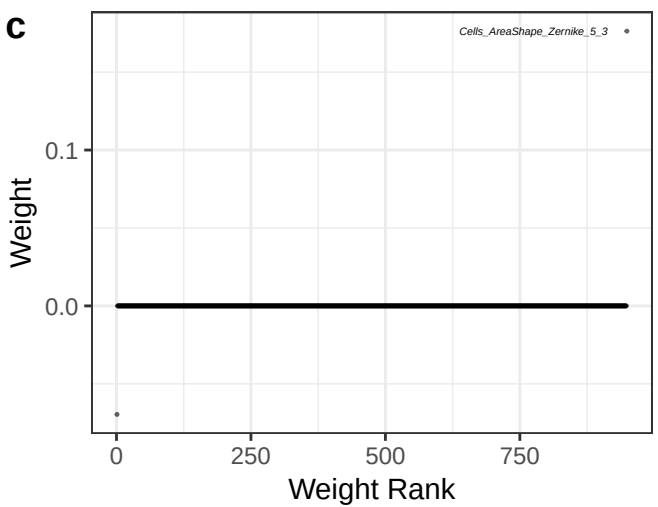


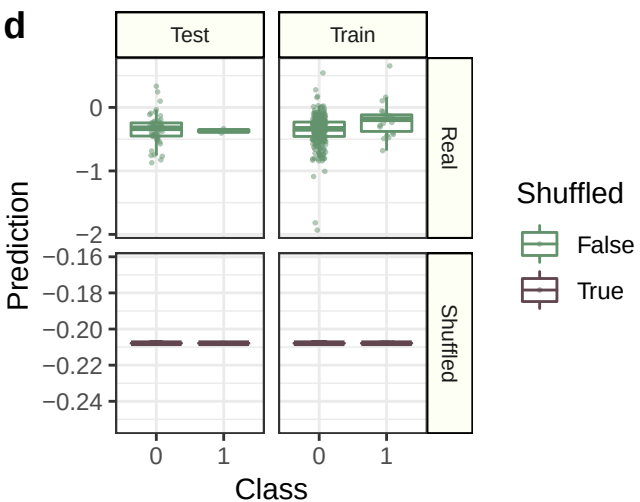




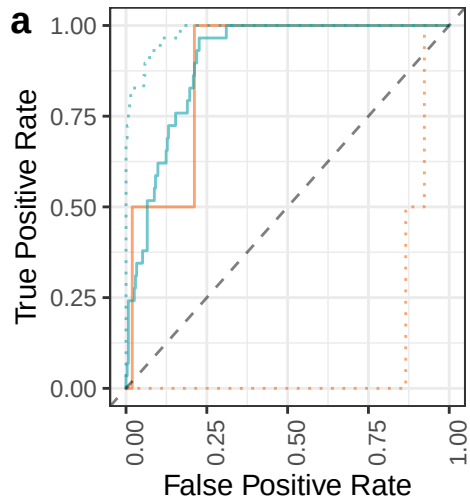


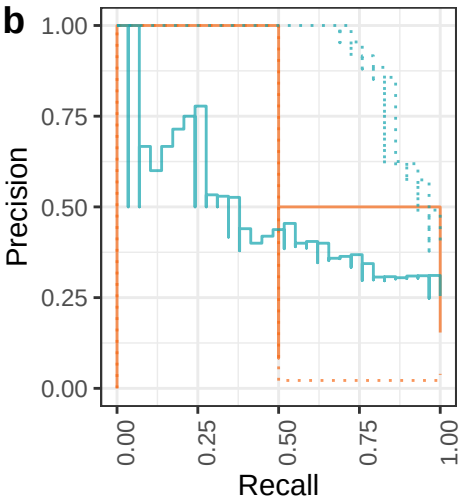
AUROC	AUPR	fit	shuffle	pos_n
0.68	0.22	Train	False	22
0.43	0.05	Test	False	22
0.50	0.07	Train	True	22
0.50	0.04	Test	True	22

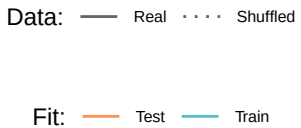




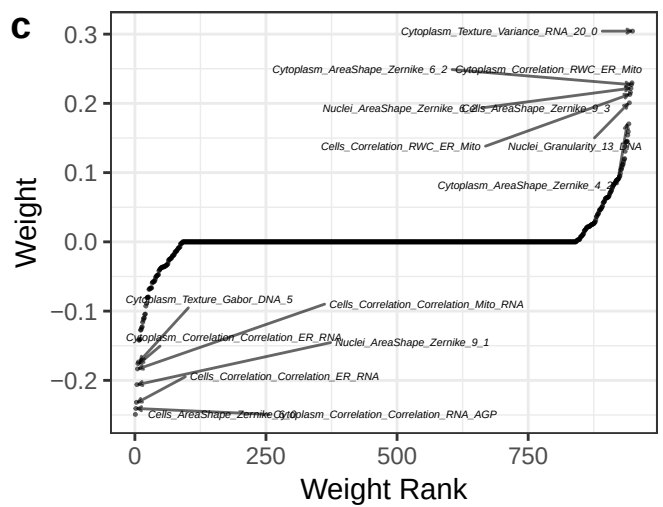
Performance: cc_mitosis_n_spots_h2ax_per_nucleus_area_mean

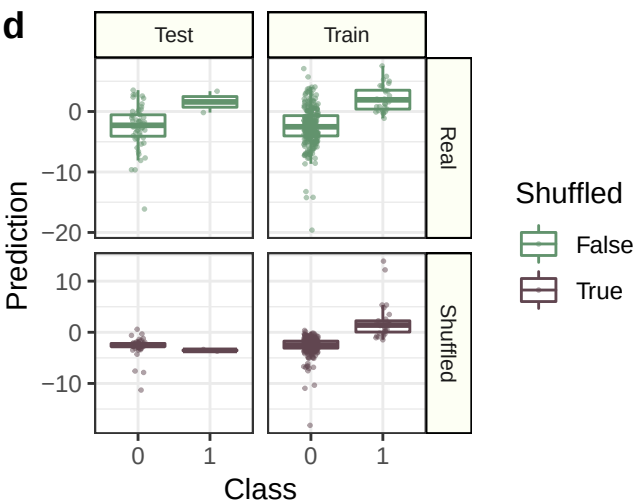




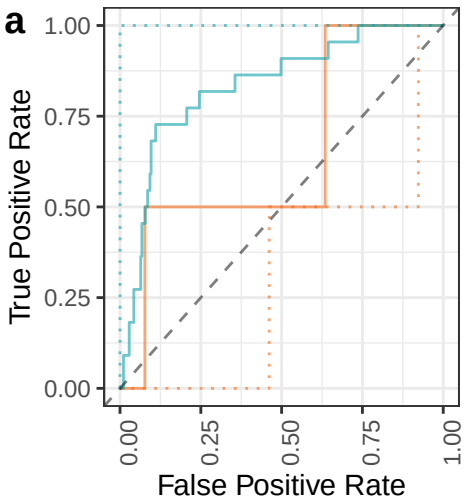


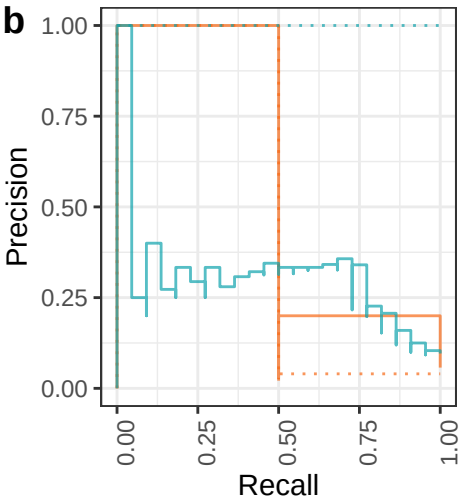
AUROC	AUPR	fit	shuffle	pos_n
0.90	0.47	Train	False	29
0.88	0.33	Test	False	29
0.98	0.91	Train	True	29
0.11	0.03	Test	True	29





Performance: cc_polynuclear_high_h2ax

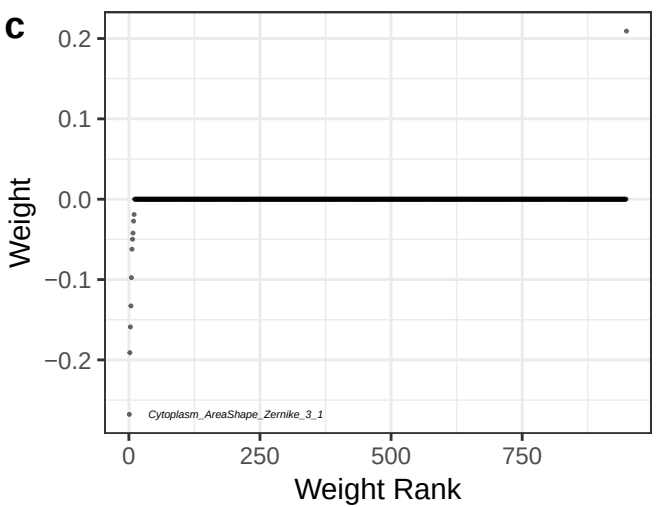


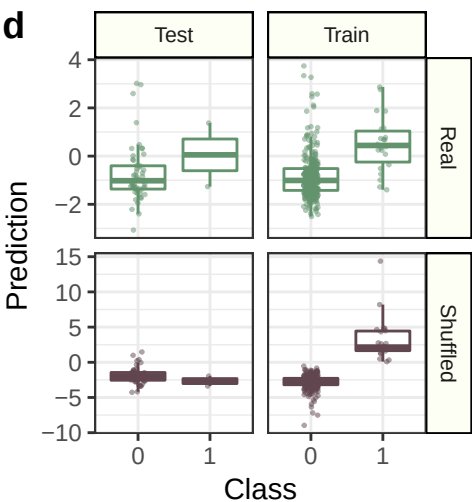


Data: Real Shuffled

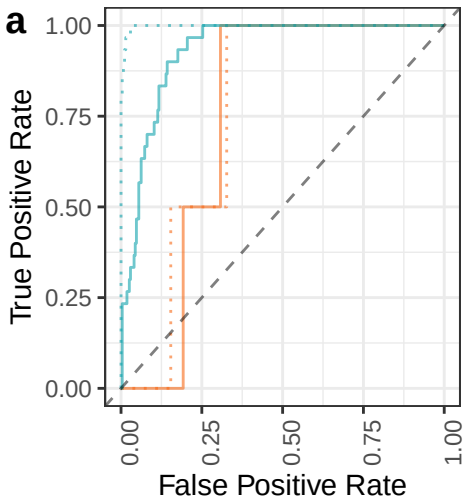
Fit: Test Train

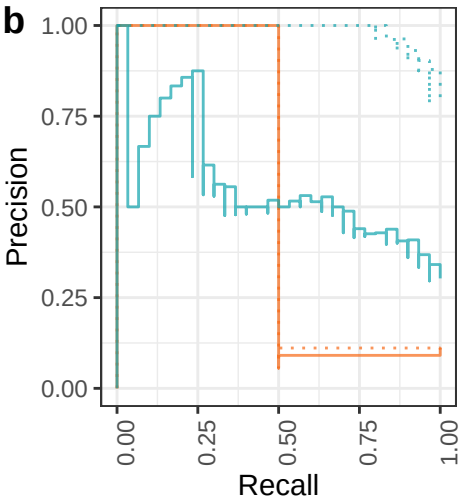
AUROC	AUPR	fit	shuffle	pos_n
0.83	0.28	Train	False	22
0.64	0.13	Test	False	22
1.00	1.00	Train	True	22
0.31	0.04	Test	True	22





Performance: cc_polyploid_high_h2ax

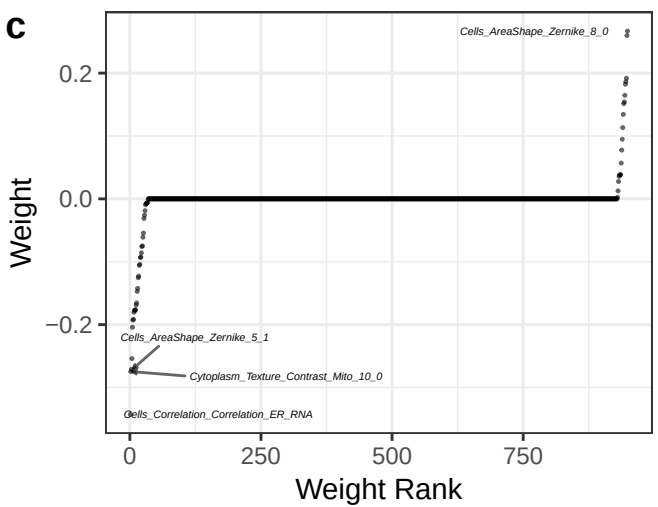


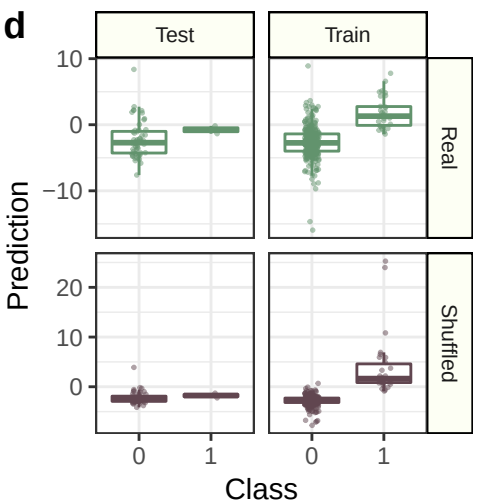


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.93	0.54	Train	False	30
0.75	0.10	Test	False	30
1.00	0.98	Train	True	30
0.76	0.11	Test	True	30



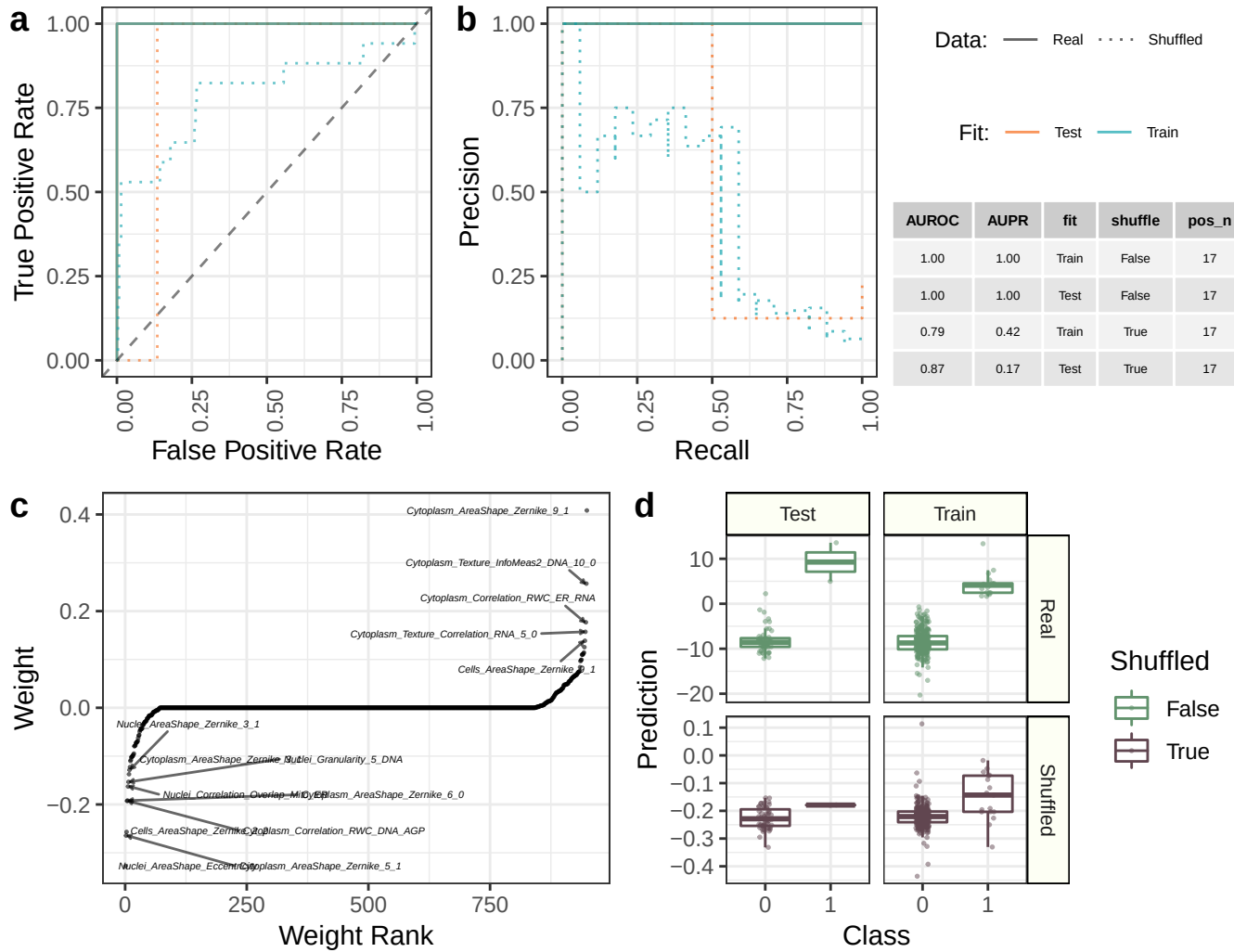


Shuffled

False

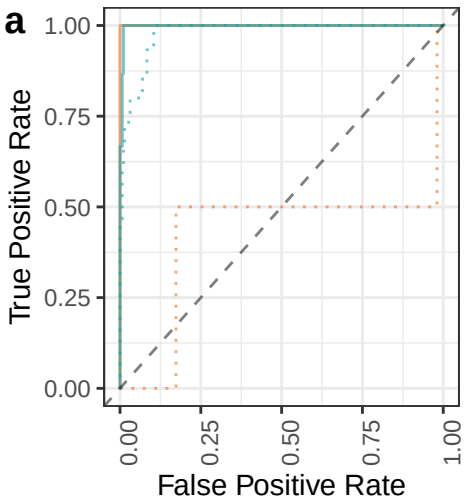
True

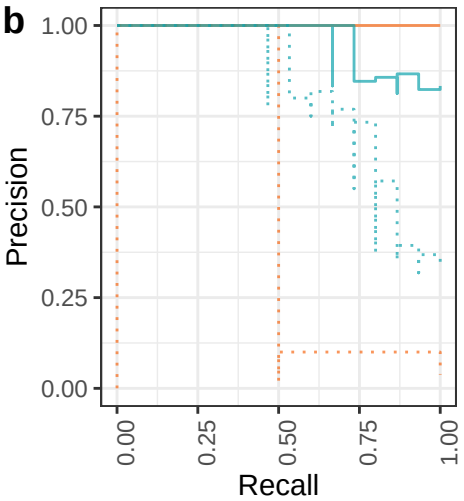
Performance: vb_live_cell_area



AUROC	AUPR	fit	shuffle	pos_n
1.00	1.00	Train	False	17
1.00	1.00	Test	False	17
0.79	0.42	Train	True	17
0.87	0.17	Test	True	17

Performance: vb_percent_all_apoptosis

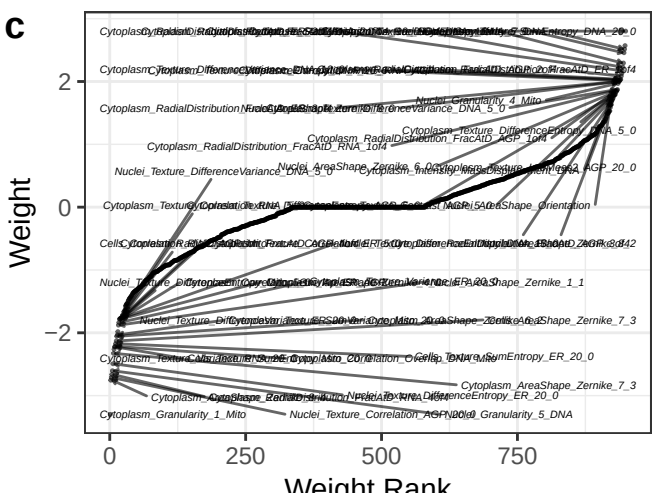


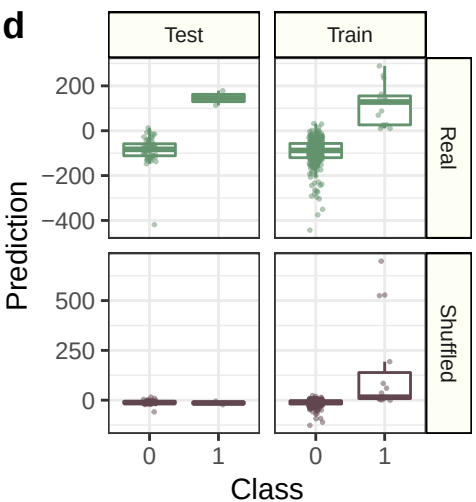


Data: Real Shuffled

Fit: Test Train

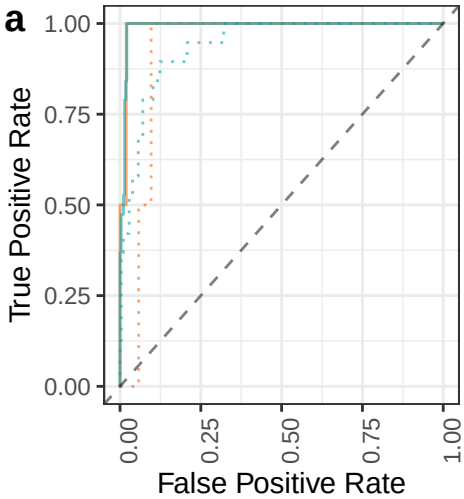
AUROC	AUPR	fit	shuffle	pos_n
1.00	0.95	Train	False	15
1.00	1.00	Test	False	15
0.98	0.79	Train	True	15
0.42	0.07	Test	True	15

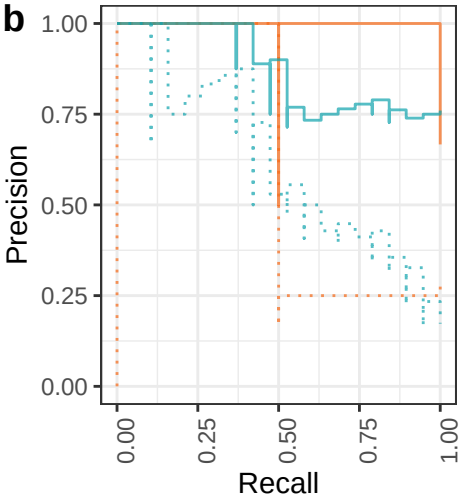




Shuffled
False
True

Performance: vb_percent_early_apoptosis

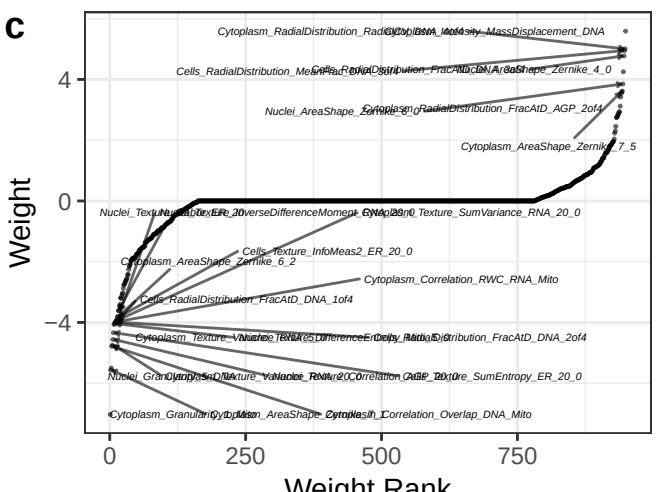


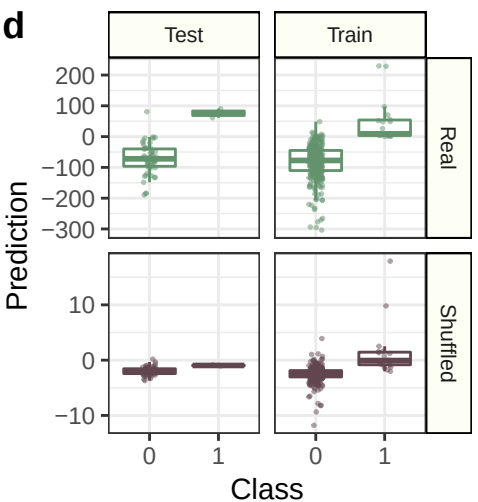


Data: Real Shuffled

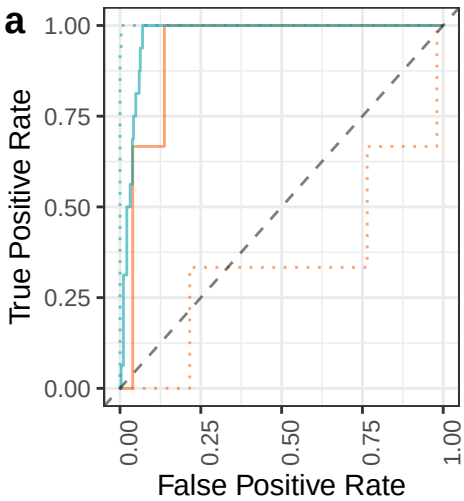
Fit: Test Train

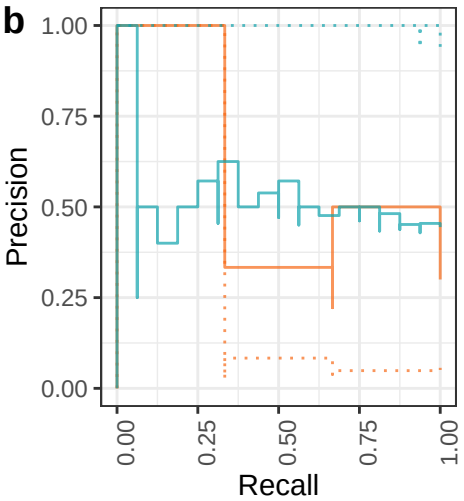
AUROC	AUPR	fit	shuffle	pos_n
0.99	0.86	Train	False	19
0.99	0.83	Test	False	19
0.94	0.59	Train	True	19
0.92	0.27	Test	True	19



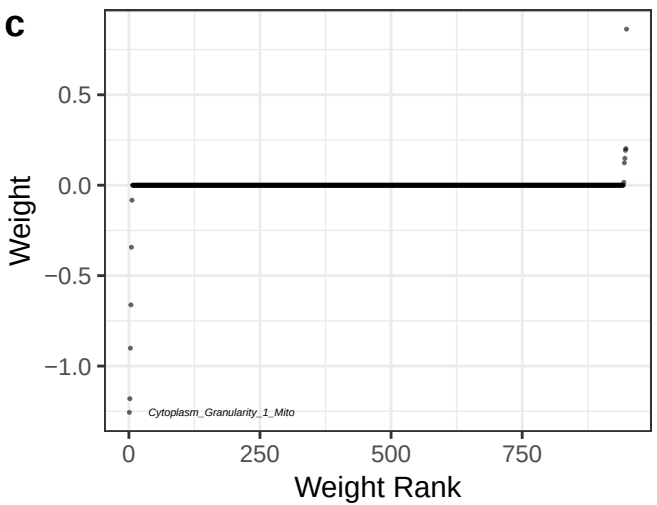


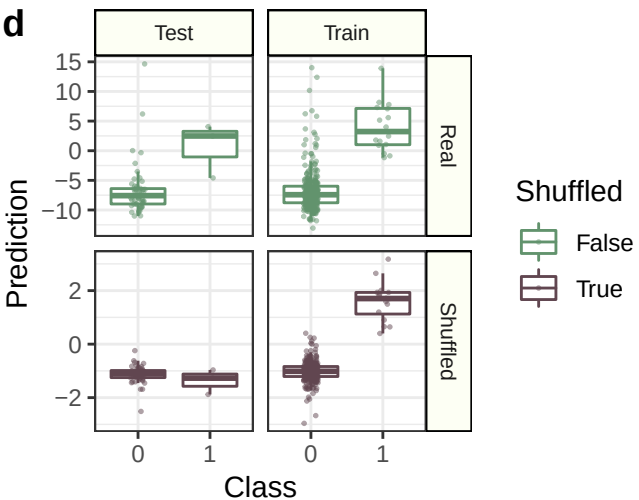
Performance: cc_cc_g2



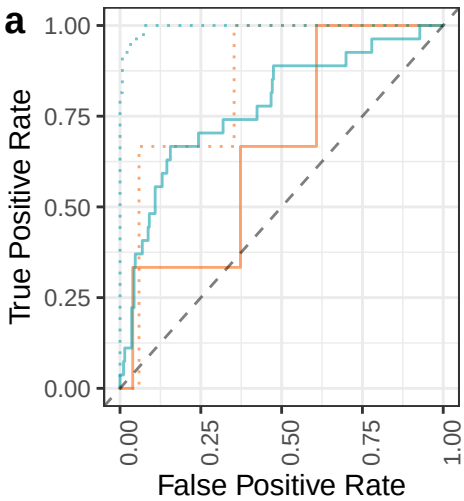


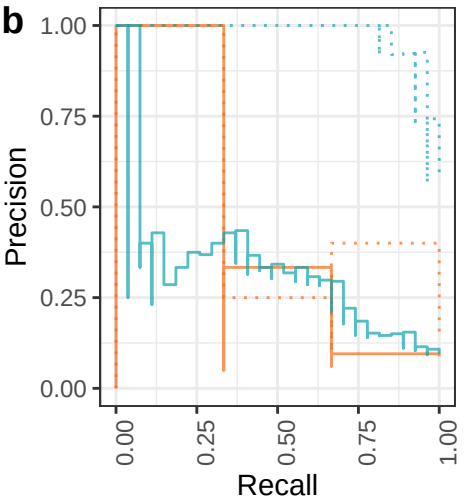
AUROC	AUPR	fit	shuffle	pos_n
0.97	0.50	Train	False	16
0.93	0.38	Test	False	16
1.00	1.00	Train	True	16
0.35	0.06	Test	True	16

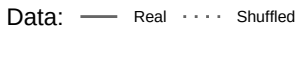


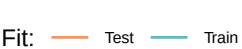


Performance: cc_mitosis_n_spots_h2ax_mean

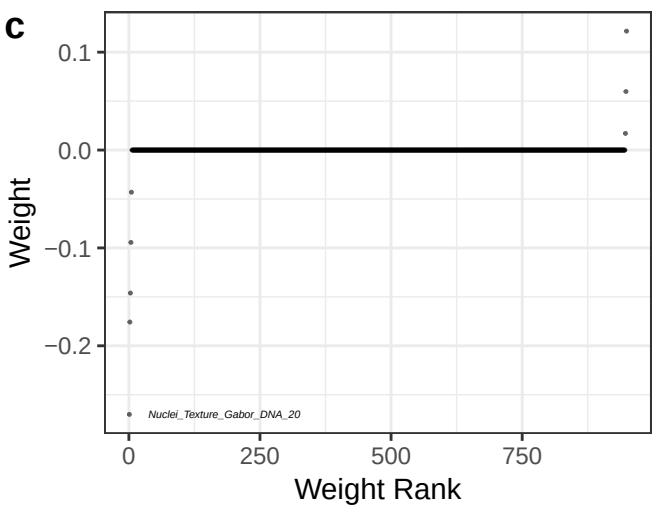


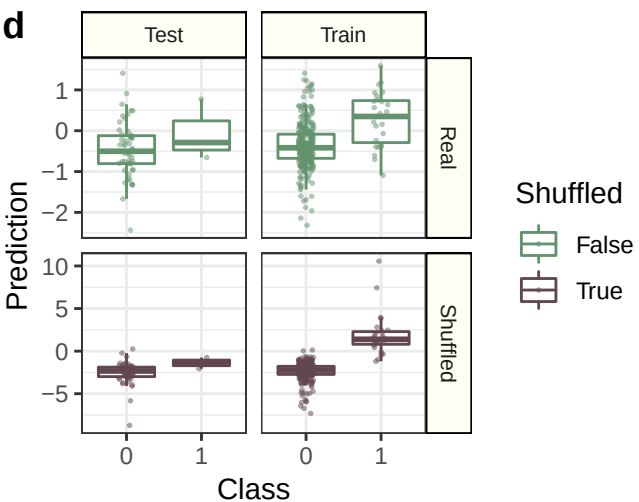




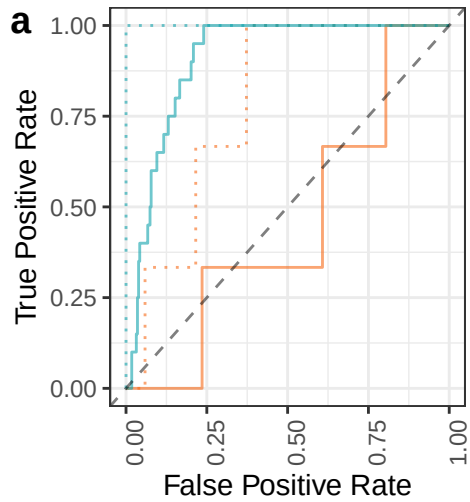


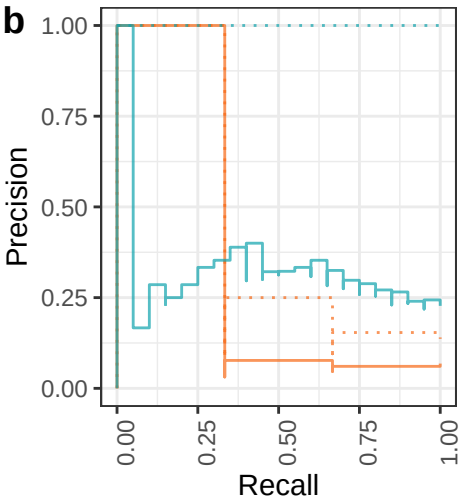
AUROC	AUPR	fit	shuffle	pos_n
0.78	0.31	Train	False	27
0.66	0.17	Test	False	27
1.00	0.97	Train	True	27
0.84	0.26	Test	True	27





Performance: cc_polynuclear_n_objects

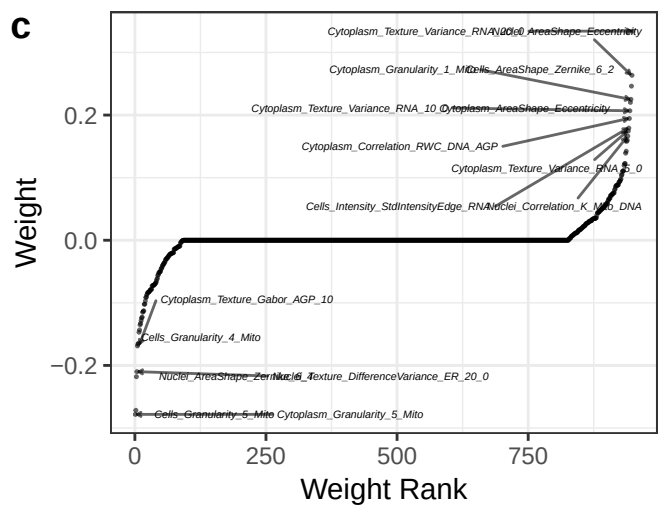


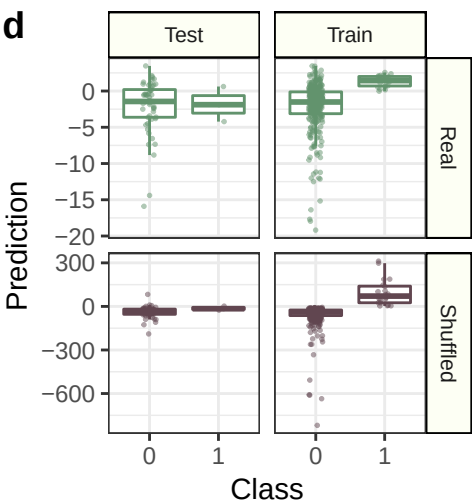


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.91	0.30	Train	False	20
0.45	0.07	Test	False	20
1.00	1.00	Train	True	20
0.78	0.18	Test	True	20



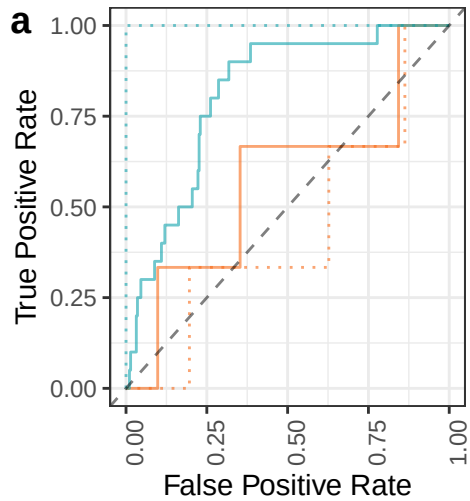


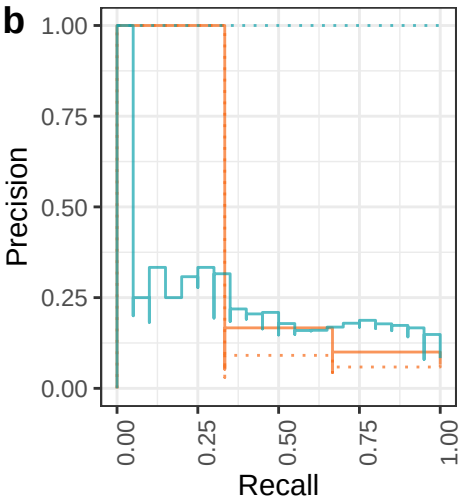
Shuffled

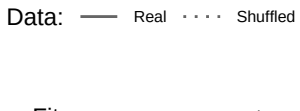
False

True

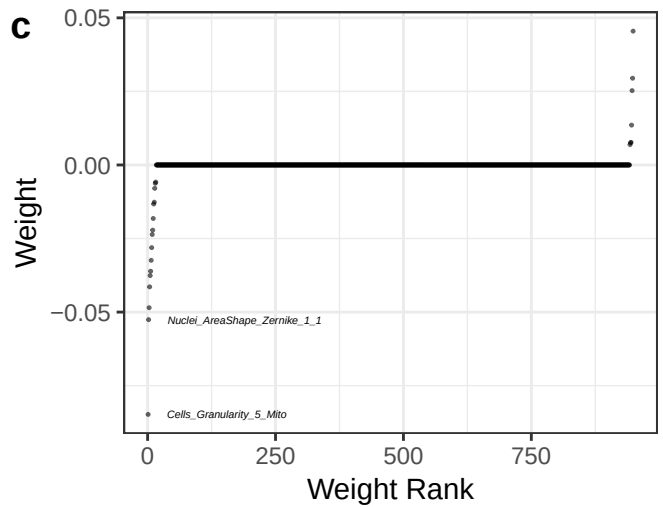
Performance: cc_polyploid_n_objects

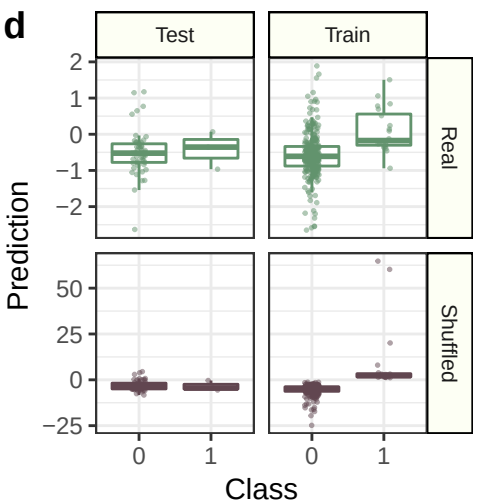


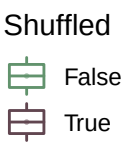




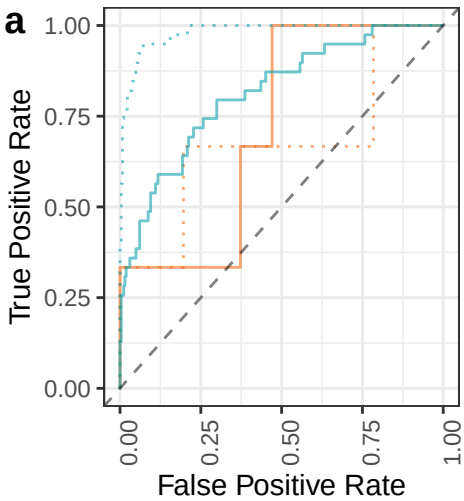
AUROC	AUPR	fit	shuffle	pos_n
0.81	0.21	Train	False	20
0.57	0.11	Test	False	20
1.00	1.00	Train	True	20
0.44	0.07	Test	True	20

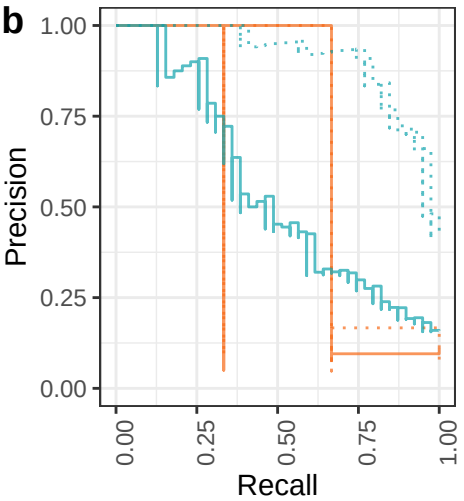






Performance: cc_polyploid_n_spots_h2ax_mean

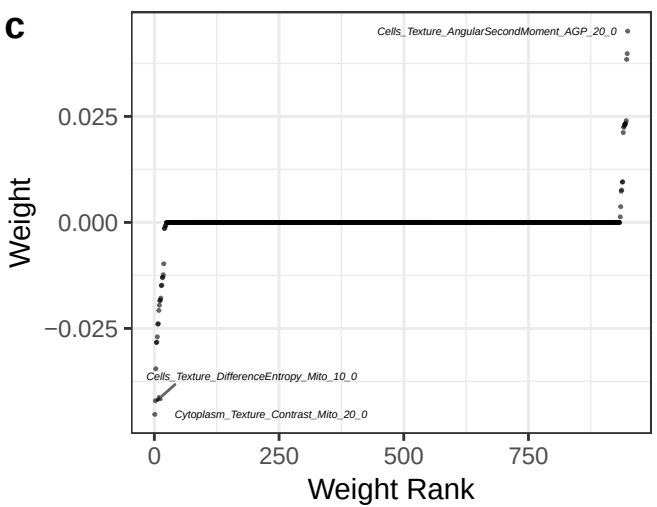


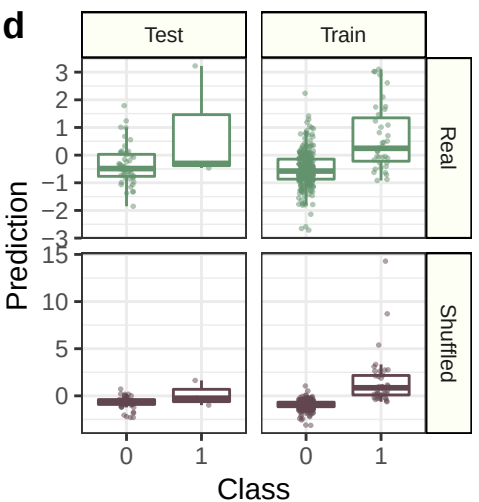


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.81	0.53	Train	False	39
0.72	0.40	Test	False	39
0.98	0.90	Train	True	39
0.67	0.41	Test	True	39



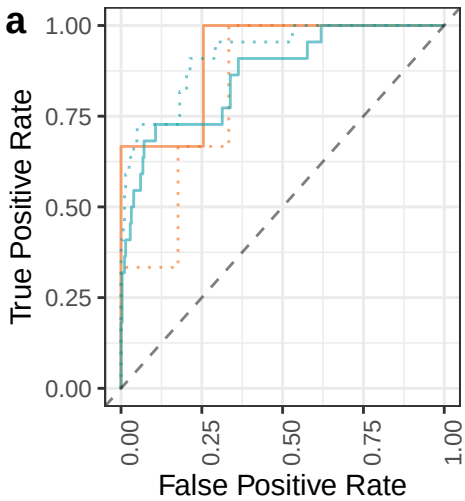


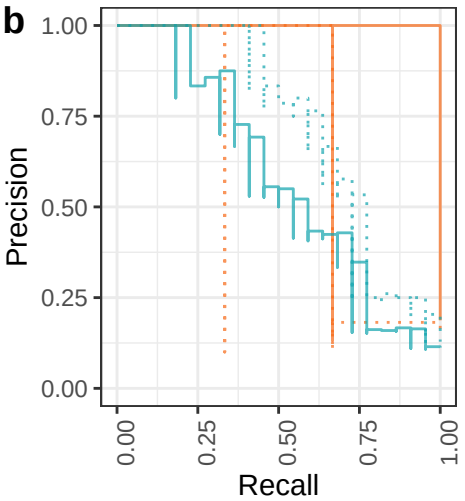
Shuffled

False

True

Performance: cc_s_high_h2ax

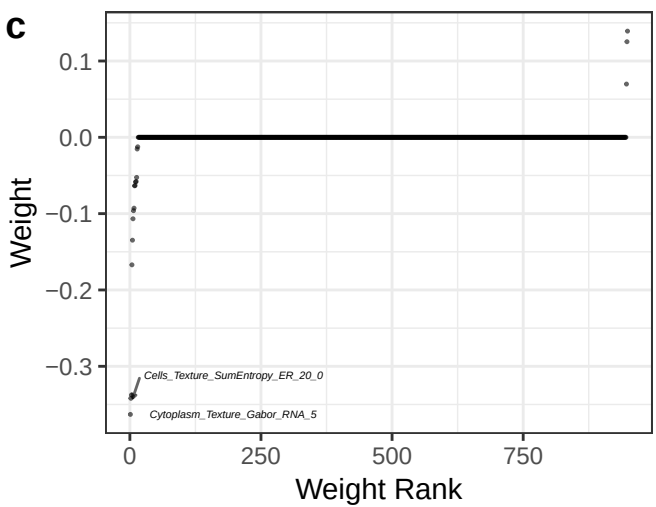


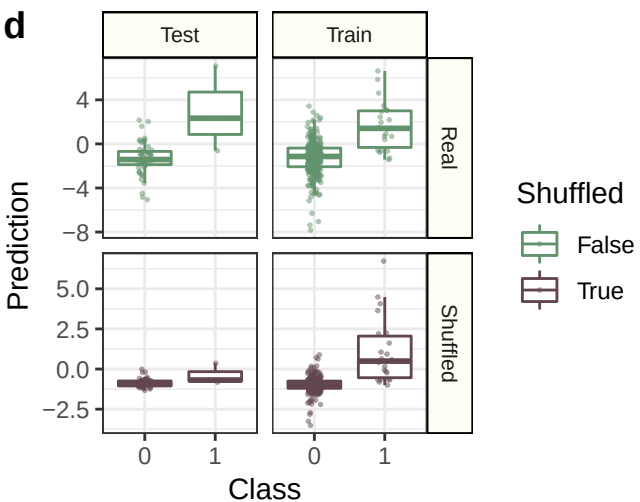


Data: Real Shuffled

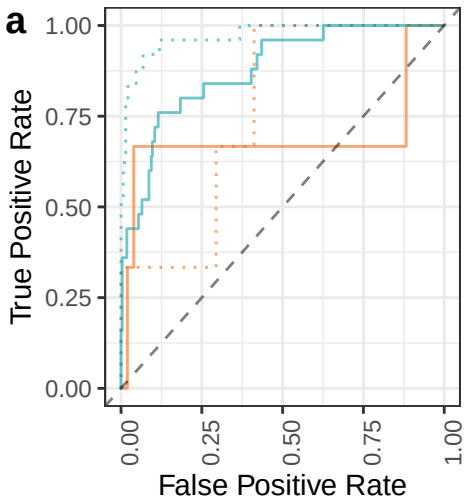
Fit: Test Train

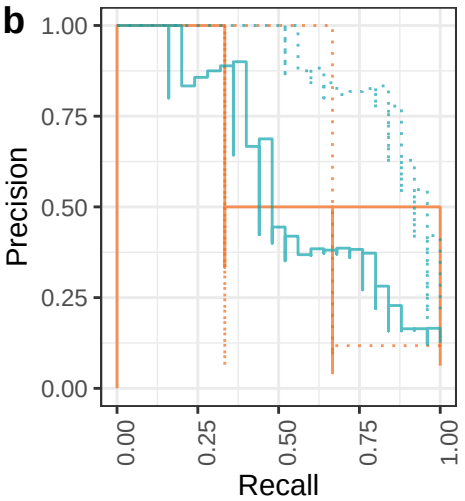
AUROC	AUPR	fit	shuffle	pos_n
0.86	0.55	Train	False	22
0.92	0.73	Test	False	22
0.92	0.70	Train	True	22
0.83	0.44	Test	True	22





Performance: cc_s_n_spots_h2ax_mean

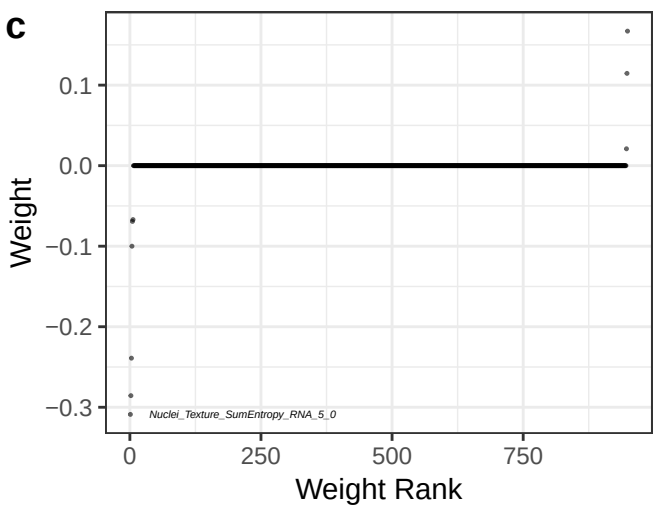


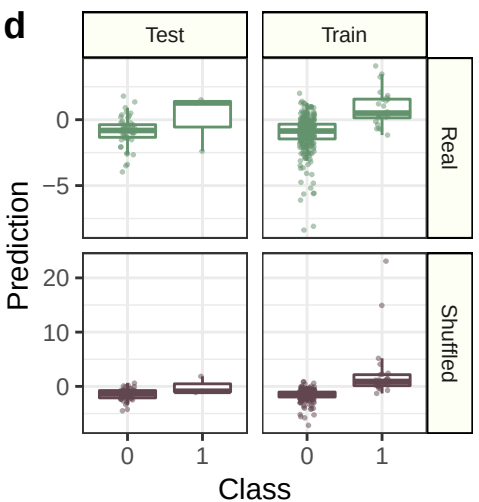


Data: Real Shuffled

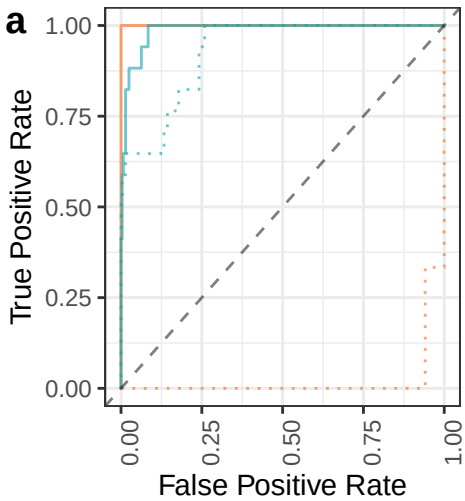
Fit: Test Train

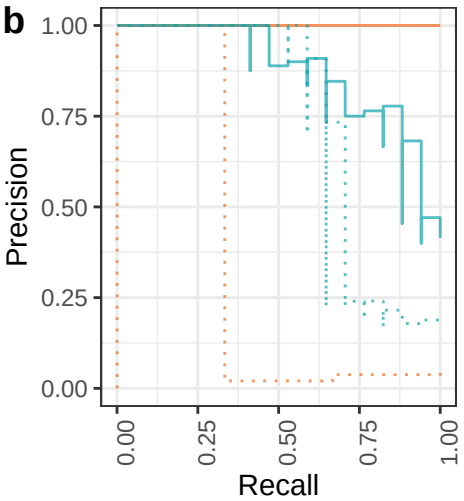
AUROC	AUPR	fit	shuffle	pos_n
0.88	0.56	Train	False	25
0.69	0.35	Test	False	25
0.97	0.86	Train	True	25
0.76	0.41	Test	True	25





Performance: vb_percent_dead

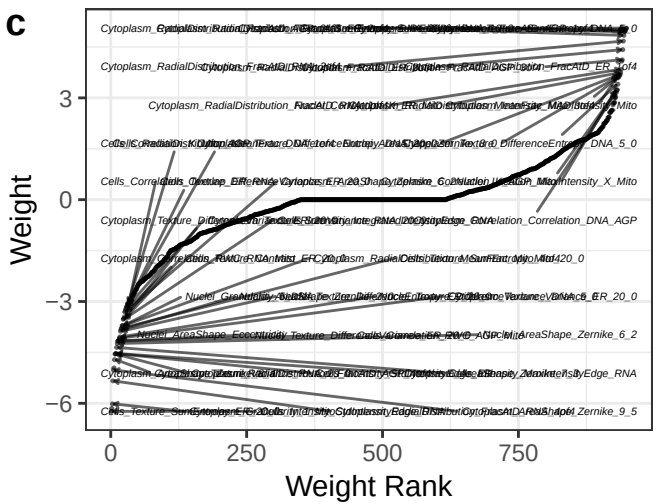


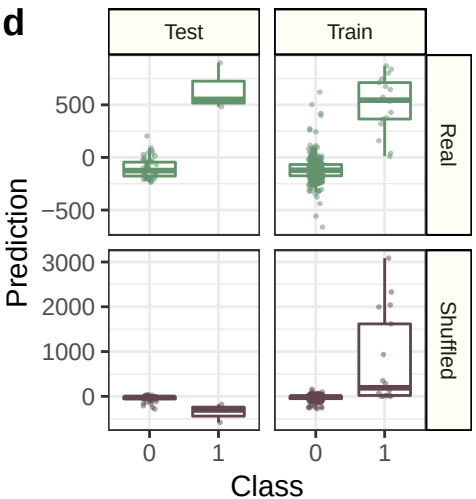


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.99	0.85	Train	False	17
1.00	1.00	Test	False	17
0.93	0.70	Train	True	17
0.02	0.04	Test	True	17



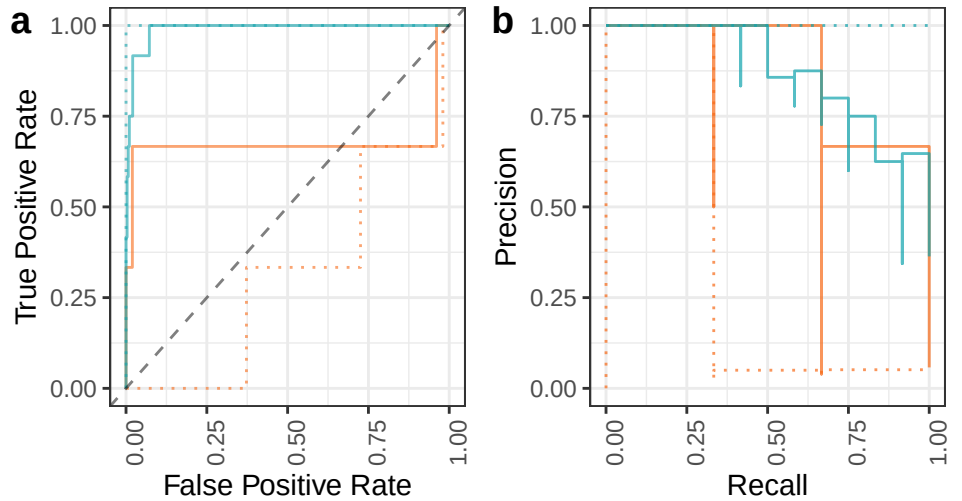


Shuffled

False

True

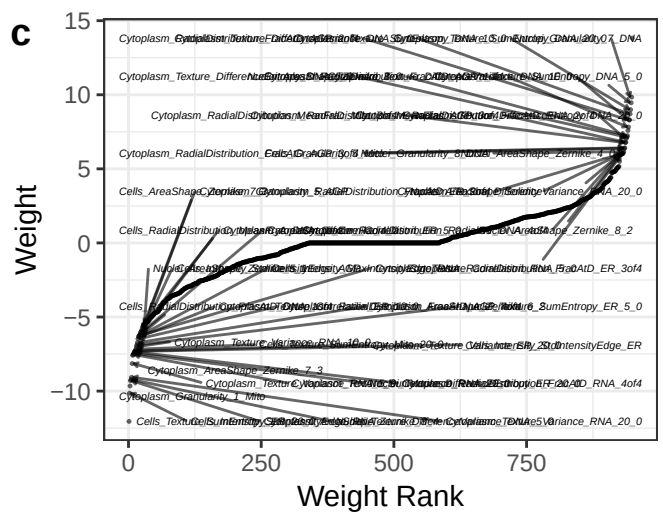
Performance: vb_percent_late_apoptosis

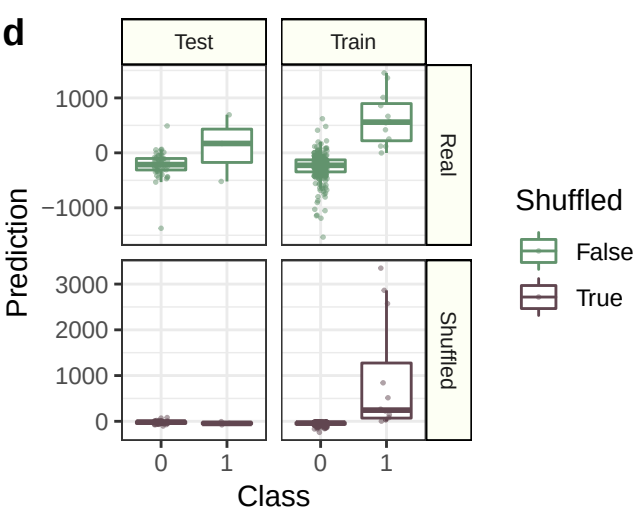


Data: Real Shuffled

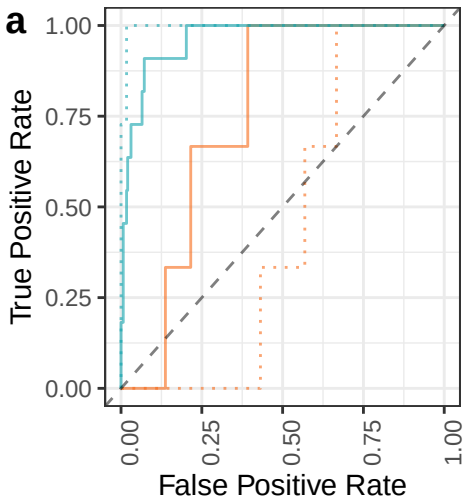
Fit: Test Train

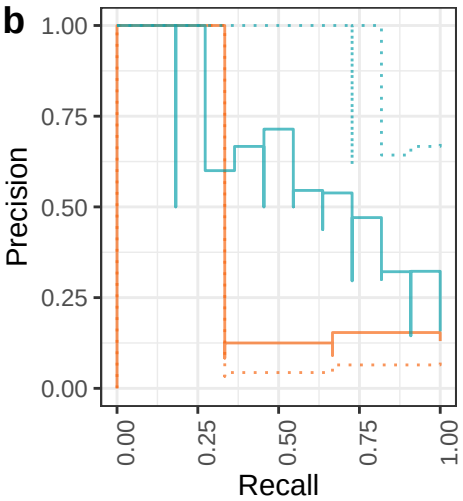
AUROC	AUPR	fit	shuffle	pos_n
0.99	0.83	Train	False	12
0.67	0.57	Test	False	12
1.00	1.00	Train	True	12
0.31	0.05	Test	True	12





Performance: vb_ros_mean

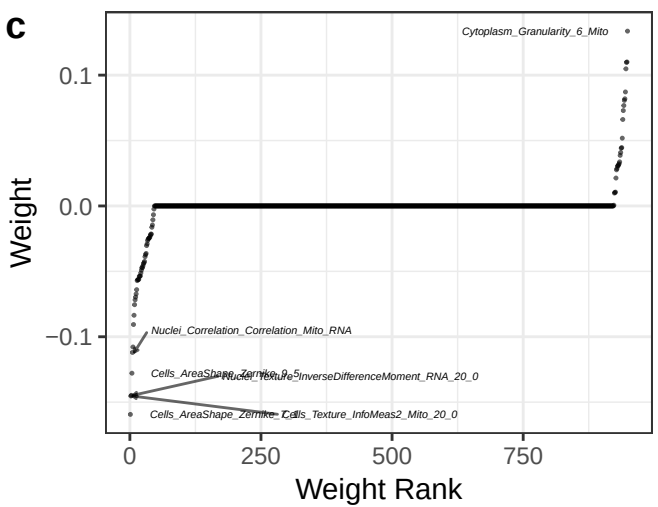


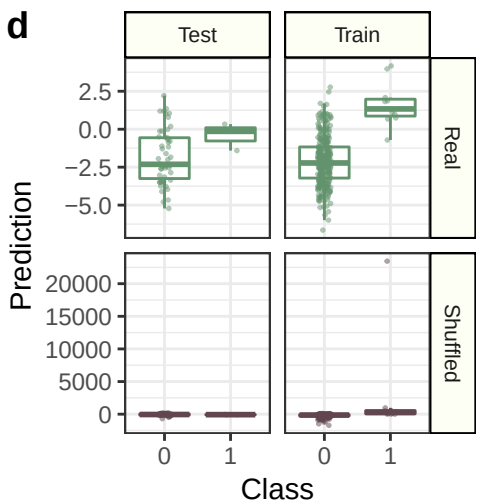


Data: Real Shuffled

Fit: Test Train

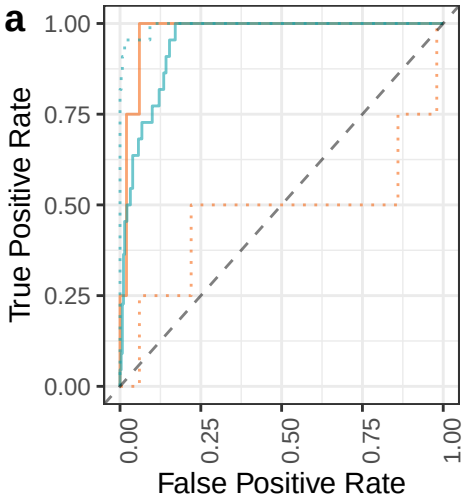
AUROC	AUPR	fit	shuffle	pos_n
0.96	0.58	Train	False	11
0.75	0.14	Test	False	11
1.00	0.91	Train	True	11
0.44	0.06	Test	True	11

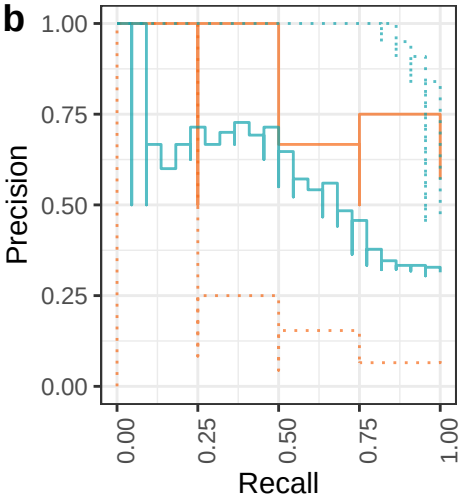




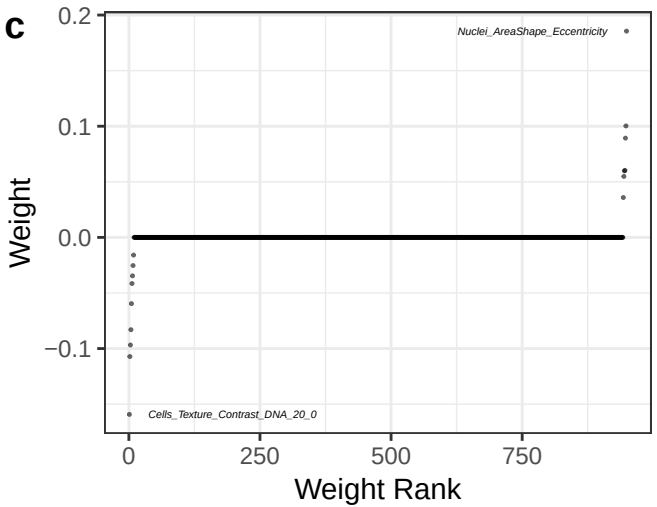
Shuffled
False
True

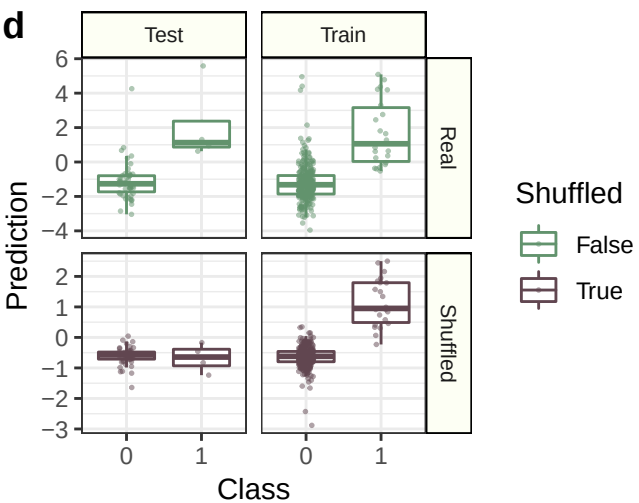
Performance: cc_cc_g1



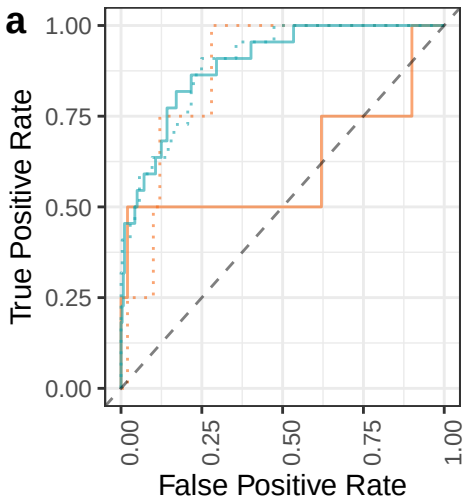


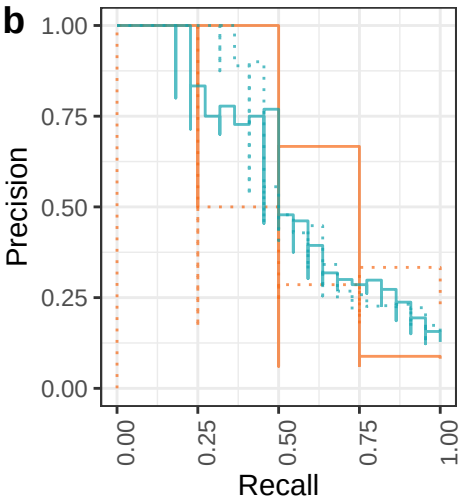
AUROC	AUPR	fit	shuffle	pos_n
0.95	0.57	Train	False	22
0.98	0.75	Test	False	22
0.99	0.96	Train	True	22
0.47	0.14	Test	True	22





Performance: cc_cc_high_h2ax

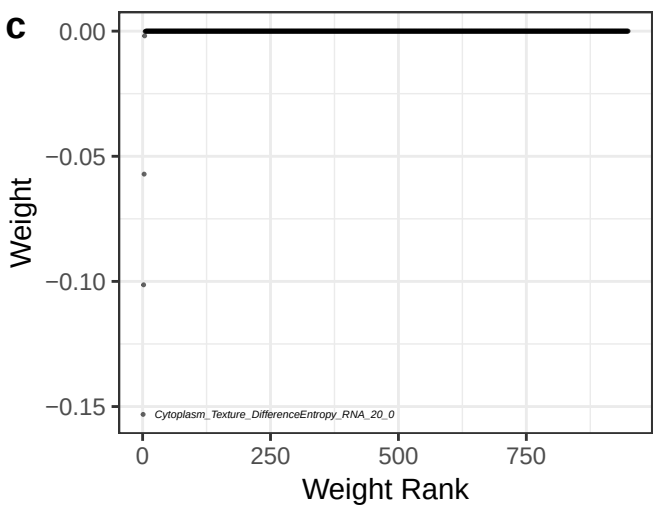


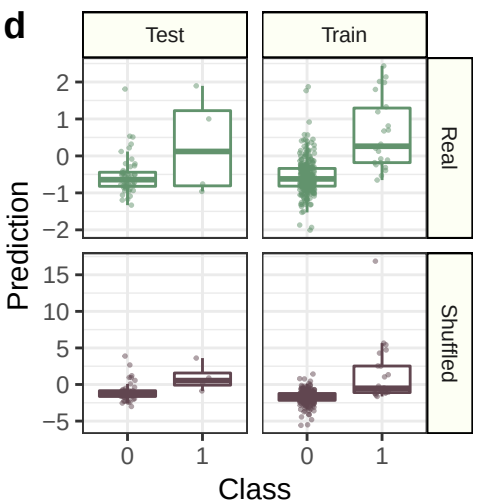


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.89	0.55	Train	False	22
0.62	0.46	Test	False	22
0.89	0.58	Train	True	22
0.87	0.34	Test	True	22



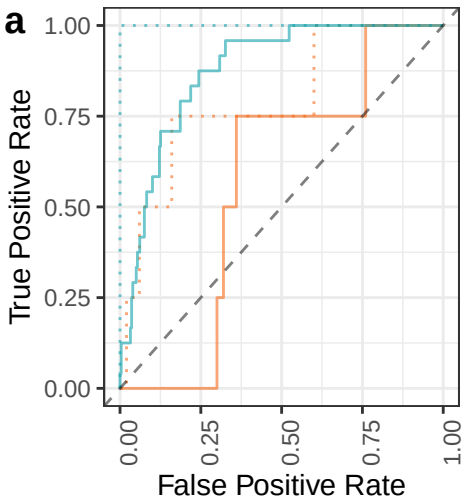


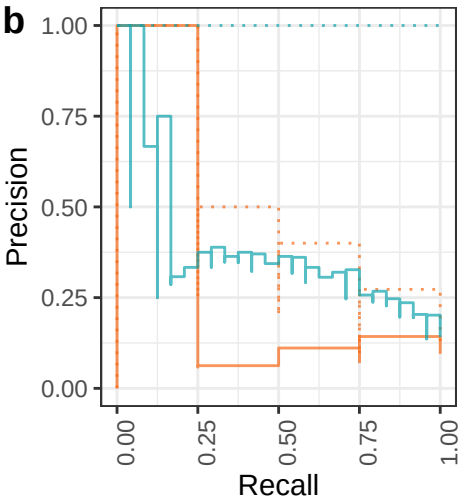
Shuffled

False

True

Performance: cc_early_mitosis_high_h2ax

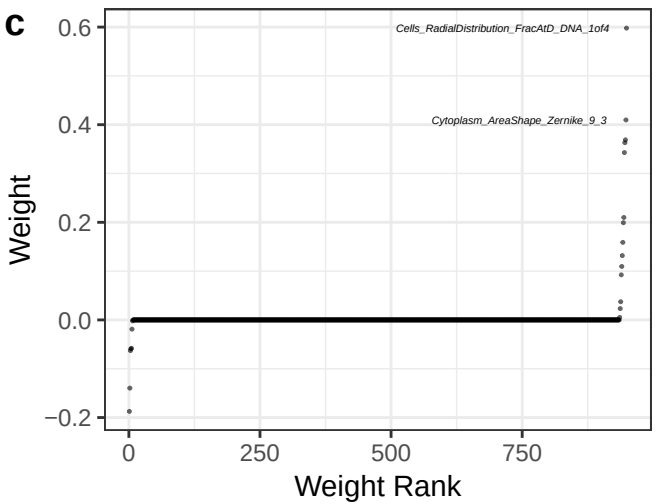


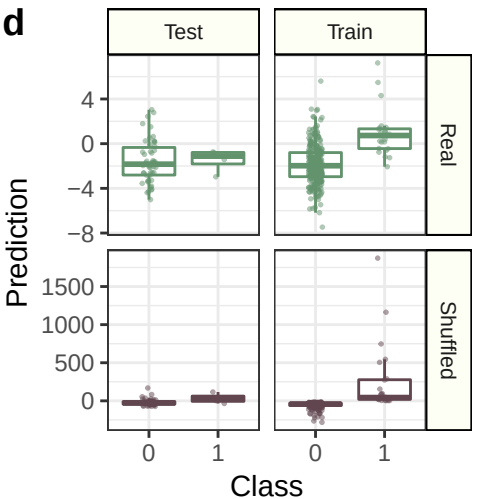


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.87	0.37	Train	False	24
0.57	0.10	Test	False	24
1.00	1.00	Train	True	24
0.79	0.32	Test	True	24



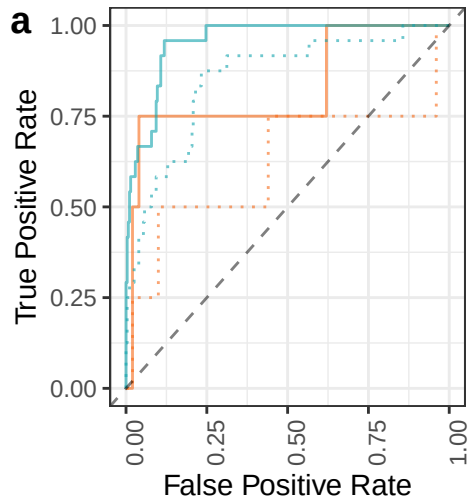


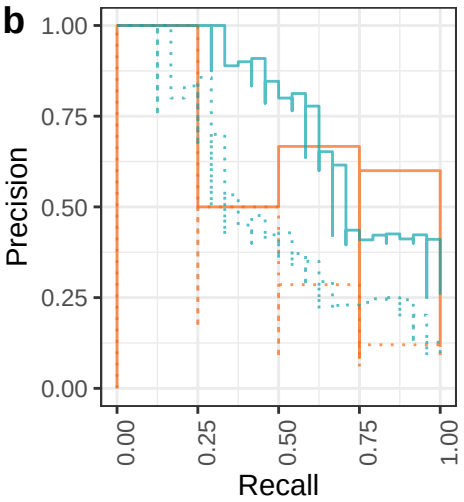
Shuffled

False

True

Performance: cc_g1_high_h2ax

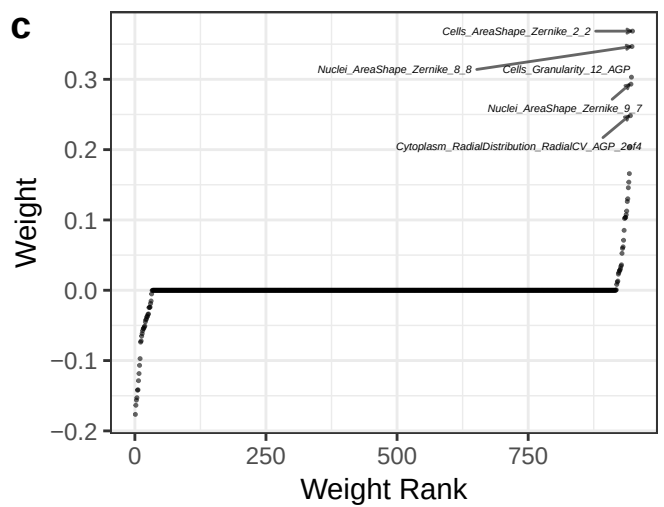


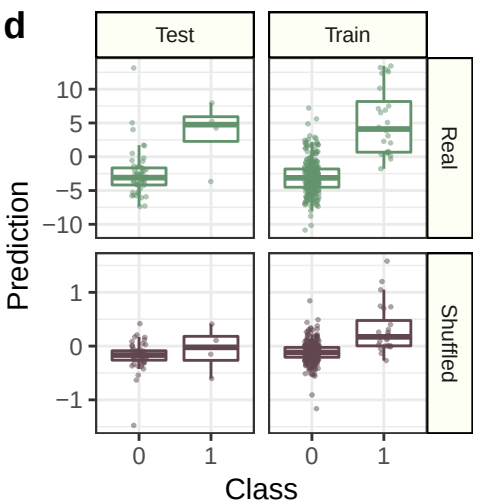


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.96	0.72	Train	False	24
0.82	0.47	Test	False	24
0.85	0.47	Train	True	24
0.62	0.25	Test	True	24



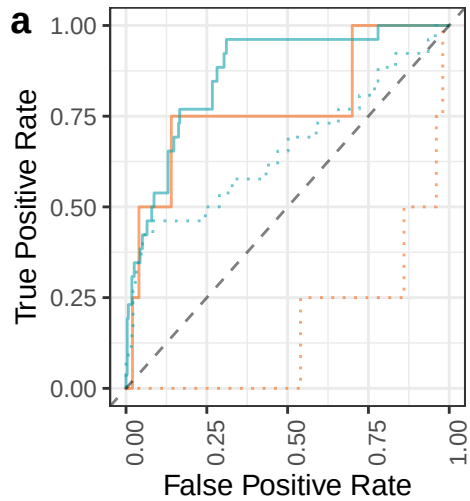


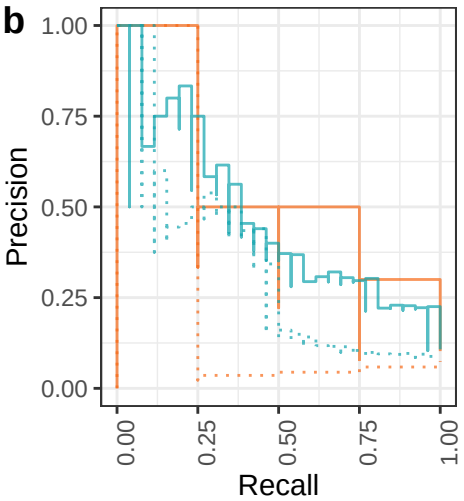
Shuffled

False

True

Performance: cc_g2_high_h2ax

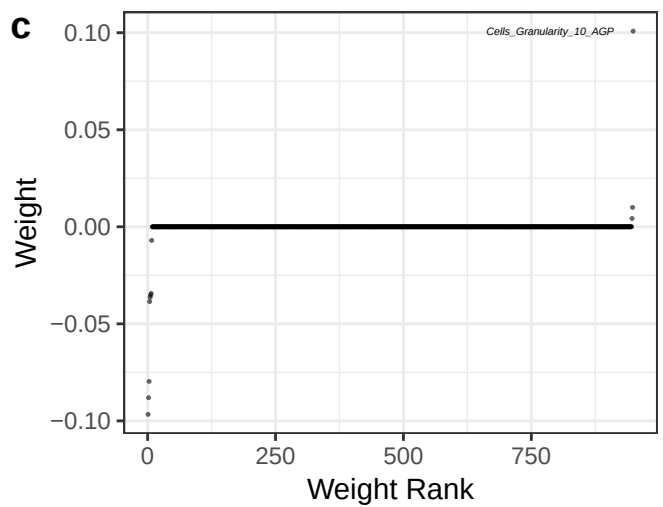


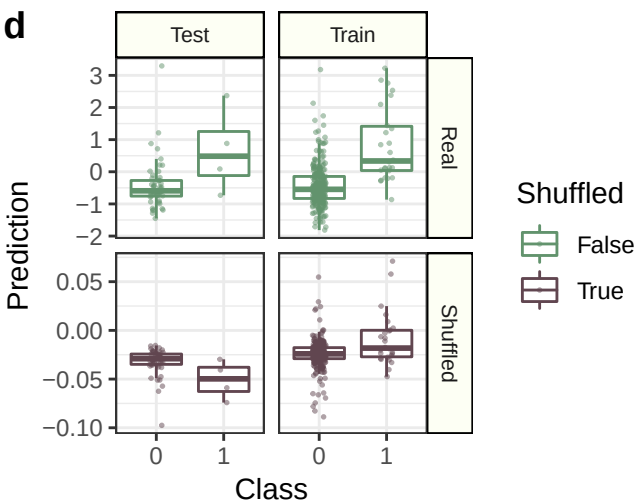


Data: Real Shuffled

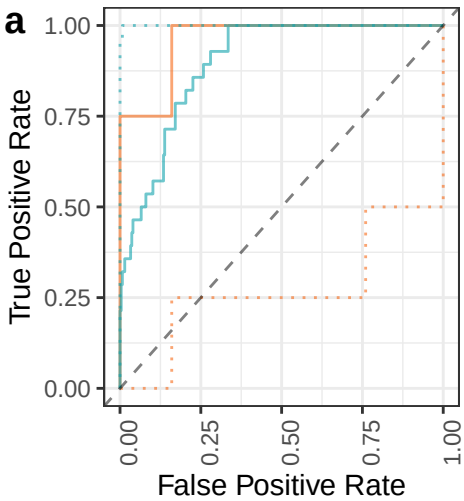
Fit: Test Train

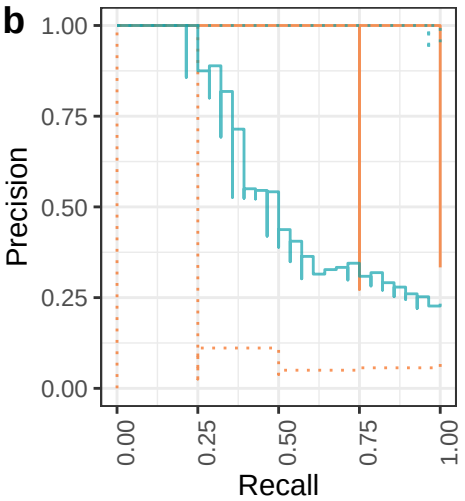
AUROC	AUPR	fit	shuffle	pos_n
0.87	0.45	Train	False	26
0.77	0.35	Test	False	26
0.66	0.32	Train	True	26
0.16	0.05	Test	True	26





Performance: cc_g2_n_spots_h2ax_per_nucleus_area_mean

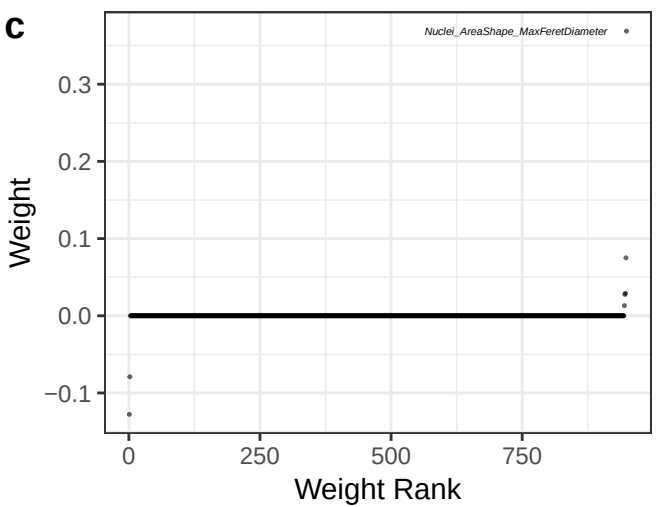


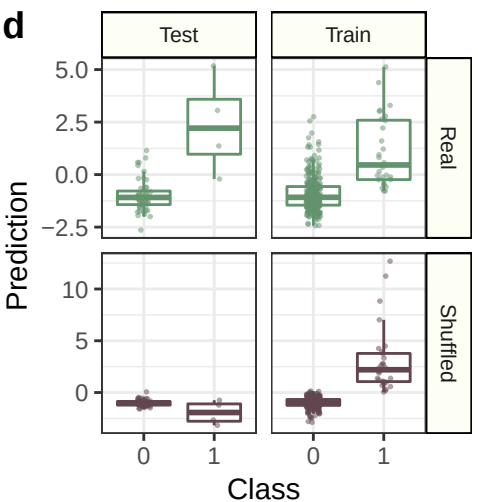


Data: Real Shuffled

Fit: Test Train

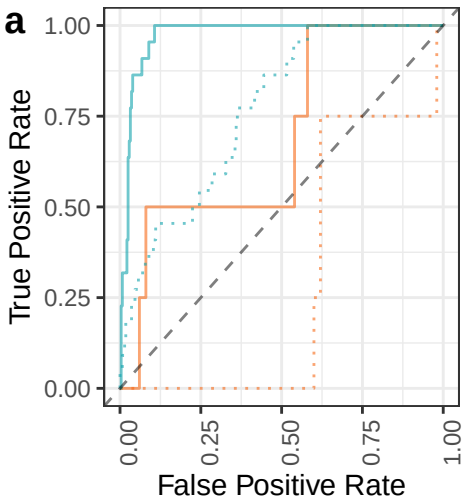
AUROC	AUPR	fit	shuffle	pos_n
0.90	0.56	Train	False	28
0.96	0.83	Test	False	28
1.00	1.00	Train	True	28
0.27	0.07	Test	True	28

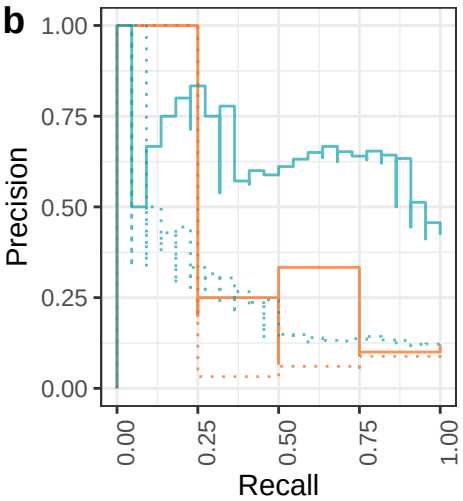


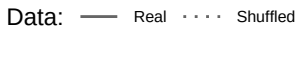


Shuffled
False
True

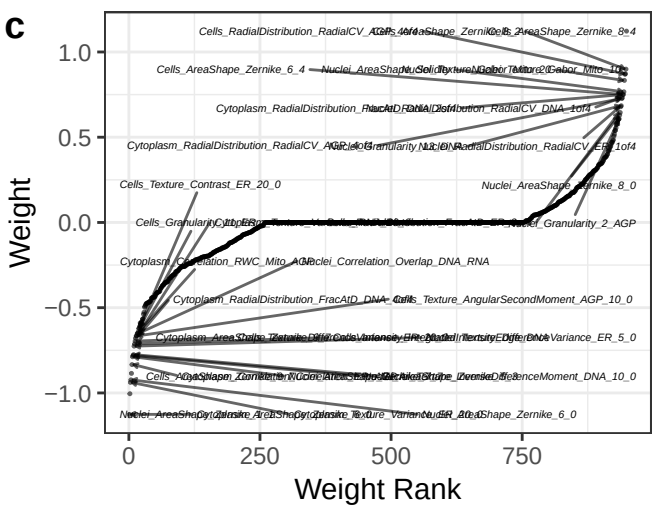
Performance: cc_late_mitosis_n_objects

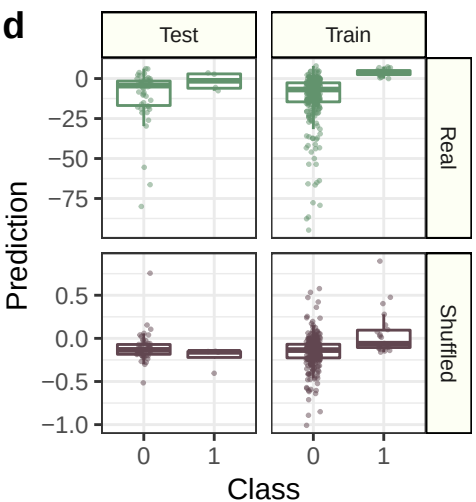


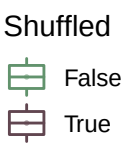




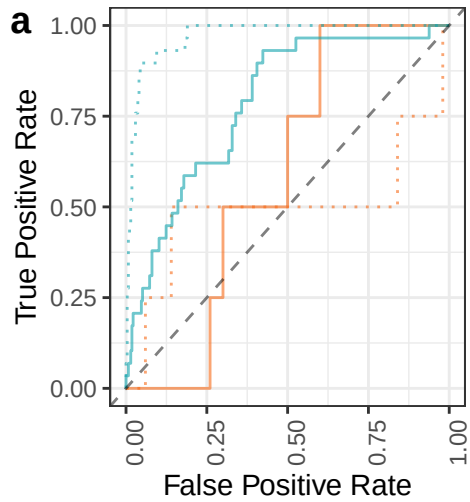
AUROC	AUPR	fit	shuffle	pos_n
0.97	0.64	Train	False	22
0.68	0.20	Test	False	22
0.77	0.26	Train	True	22
0.30	0.06	Test	True	22

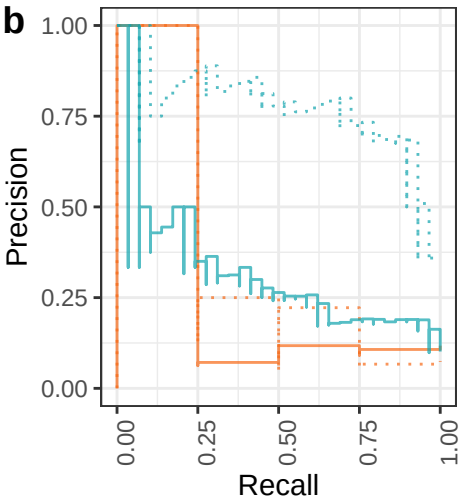






Performance: cc_polynuclear_n_spots_h2ax_mean

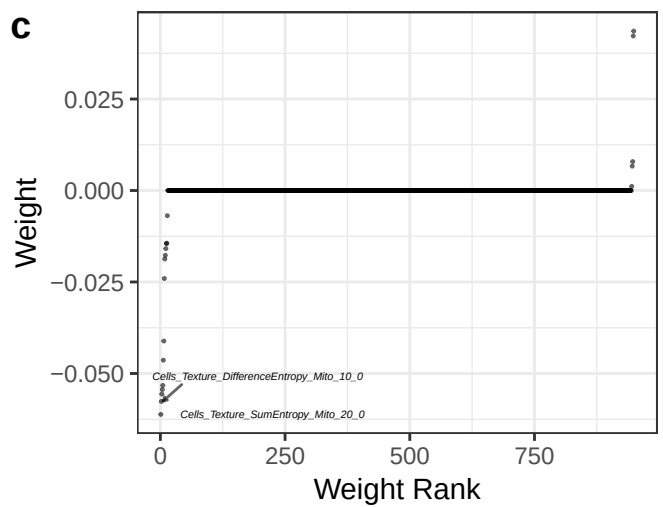


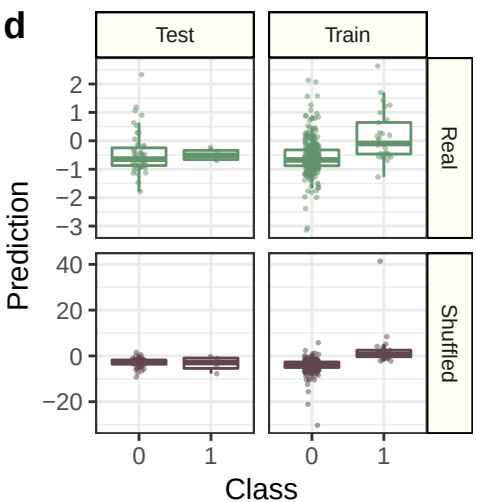


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.78	0.30	Train	False	29
0.58	0.10	Test	False	29
0.97	0.76	Train	True	29
0.50	0.15	Test	True	29



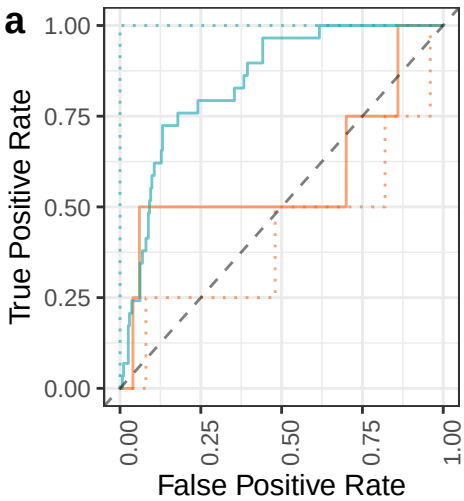


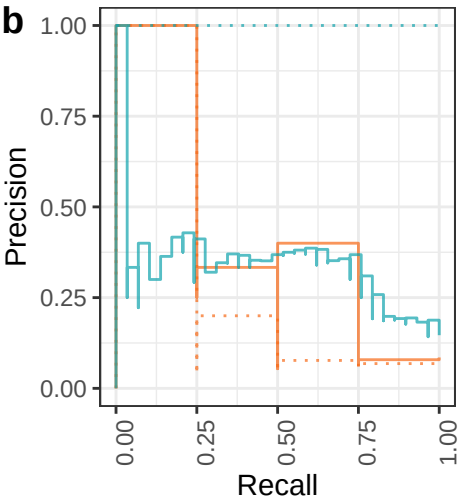
Shuffled

False

True

Performance: cc_polynuclear_n_spots_h2ax_per_nucleus_area_mean

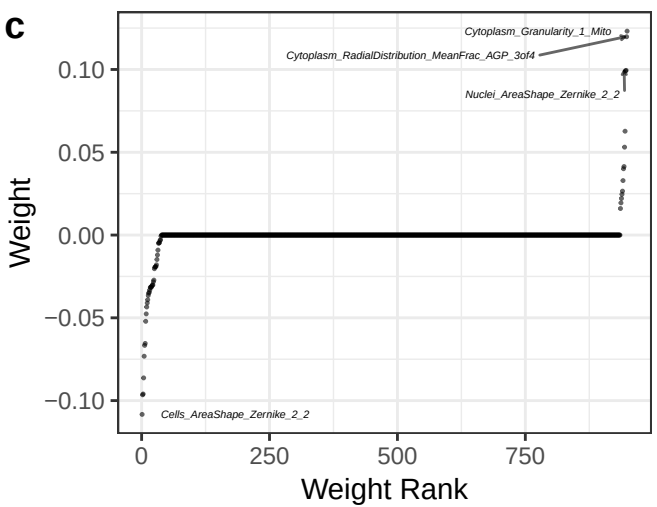


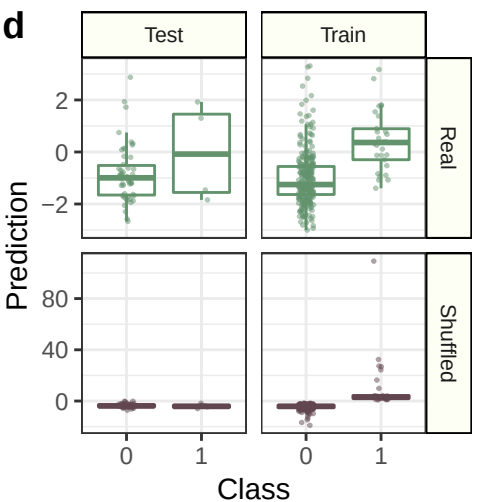


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.84	0.32	Train	False	29
0.58	0.22	Test	False	29
1.00	1.00	Train	True	29
0.42	0.11	Test	True	29



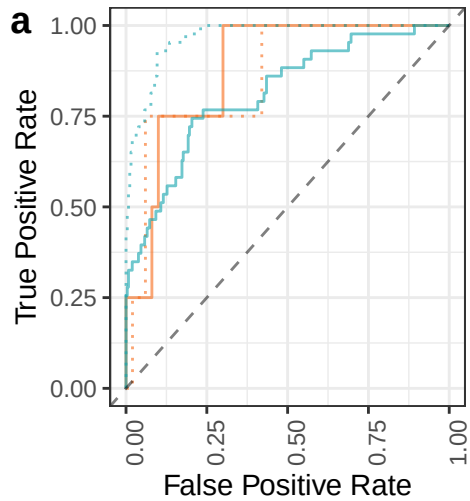


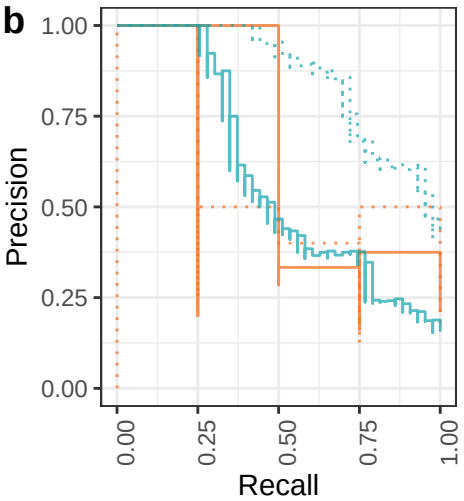
Shuffled

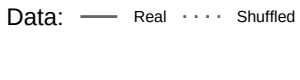
False

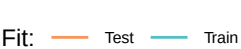
True

Performance: cc_polyploid_n_spots_h2ax_per_nucleus_area_mean

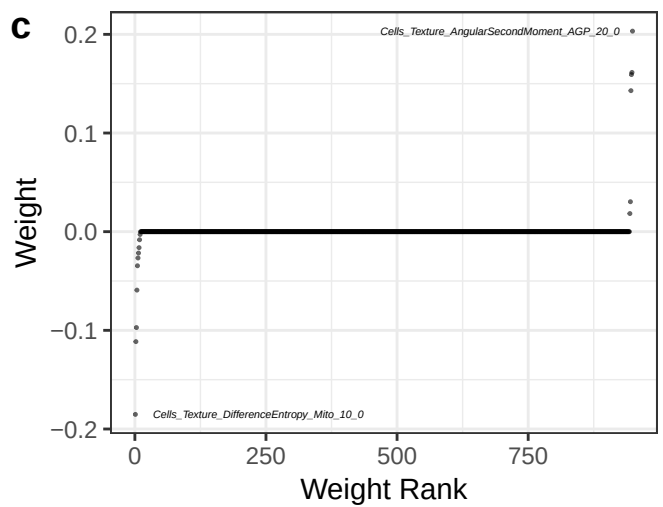


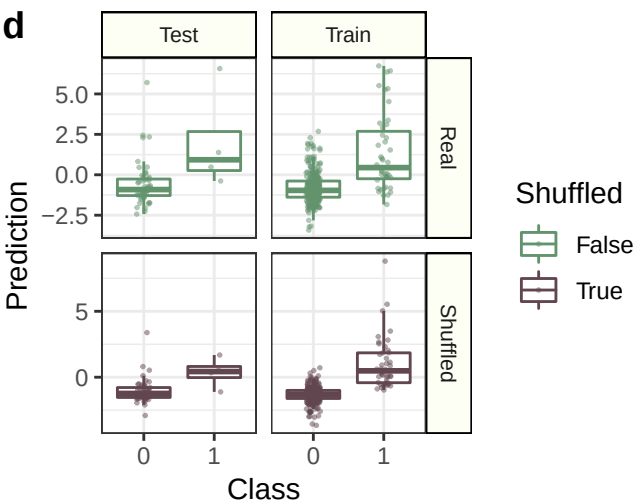




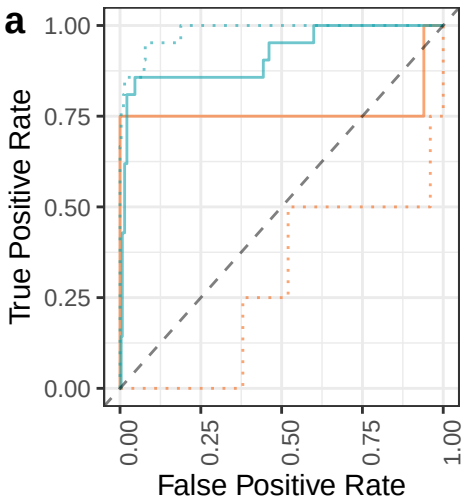


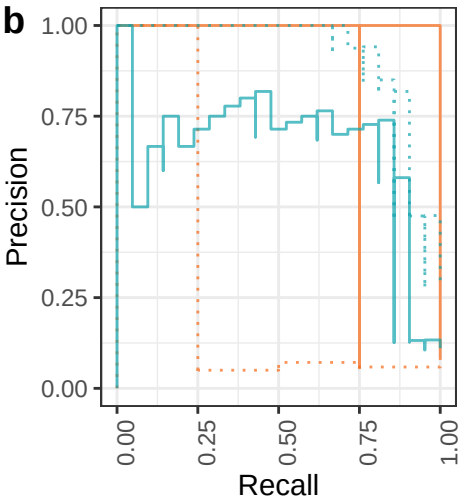
AUROC	AUPR	fit	shuffle	pos_n
0.81	0.57	Train	False	43
0.88	0.48	Test	False	43
0.97	0.85	Train	True	43
0.86	0.39	Test	True	43





Performance: vb_percent_dead_only

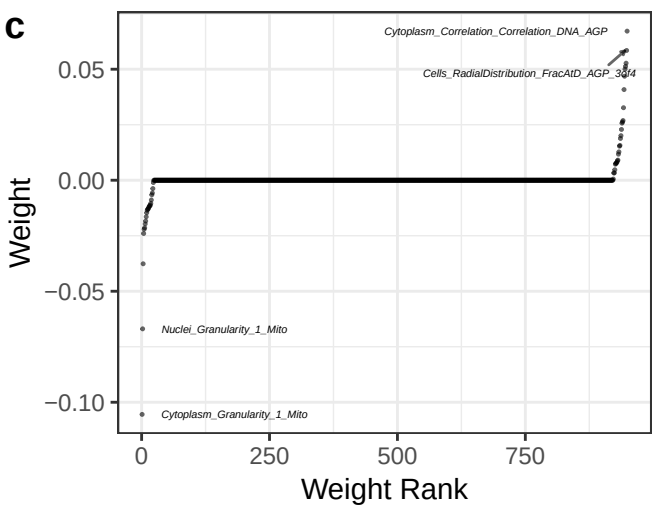


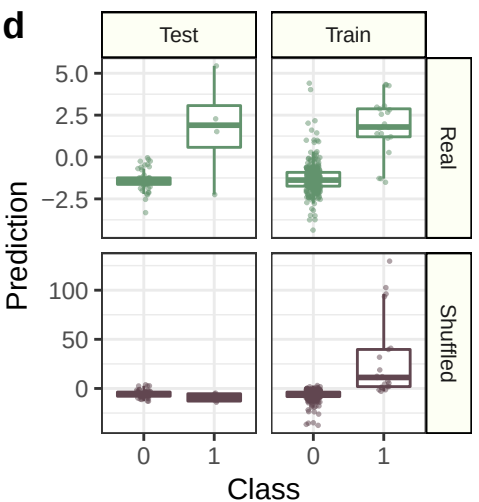


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.92	0.63	Train	False	21
0.76	0.77	Test	False	21
0.98	0.89	Train	True	21
0.29	0.06	Test	True	21



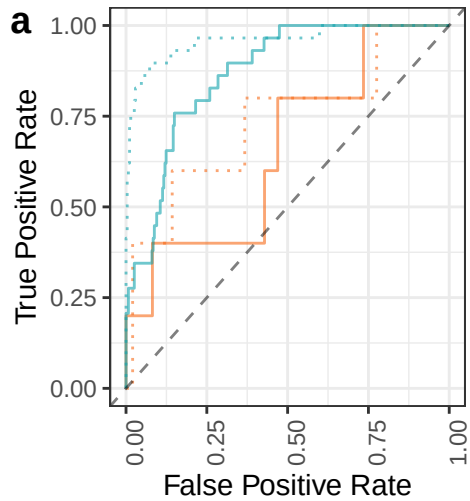


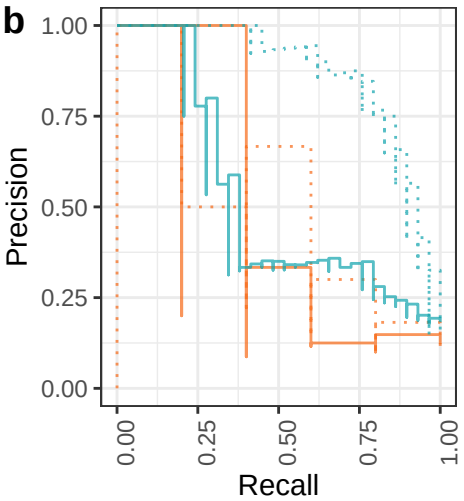
Shuffled

False

True

Performance: cc_all_n_spots_h2ax_mean

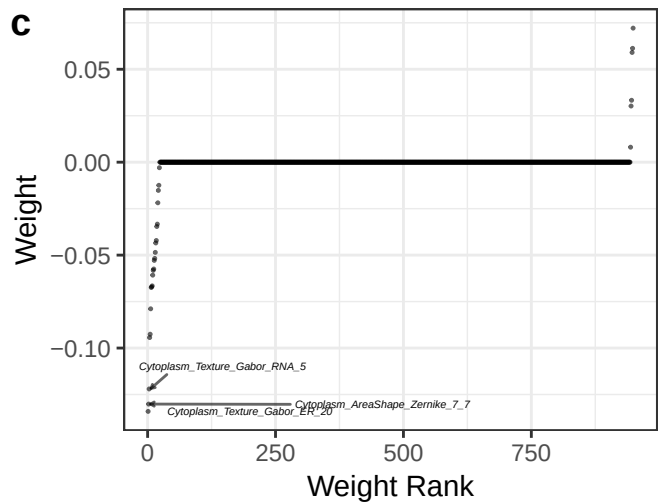


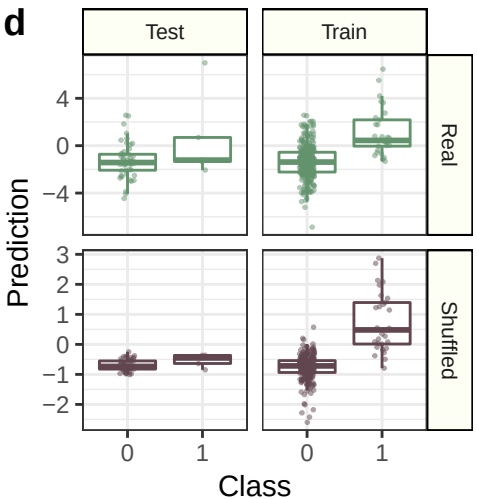


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.87	0.50	Train	False	29
0.66	0.35	Test	False	29
0.96	0.85	Train	True	29
0.73	0.35	Test	True	29



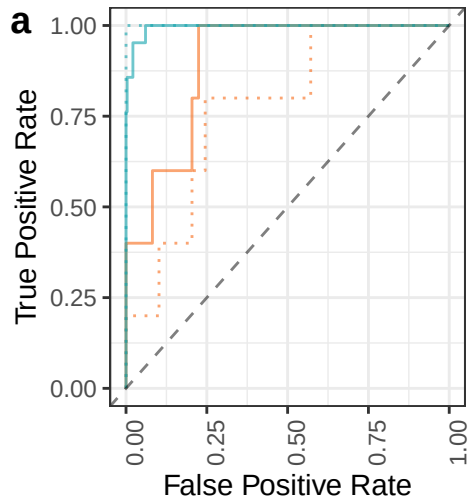


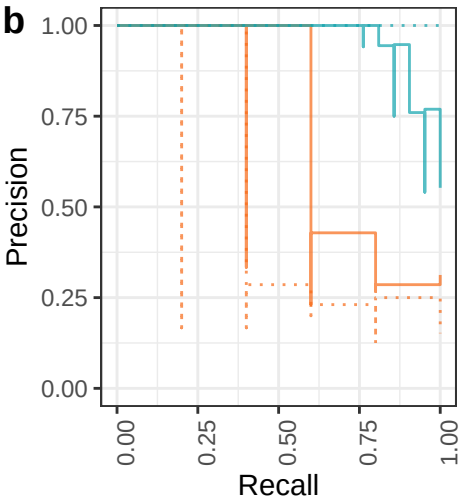
Shuffled

False

True

Performance: cc_all_nucleus_area_mean

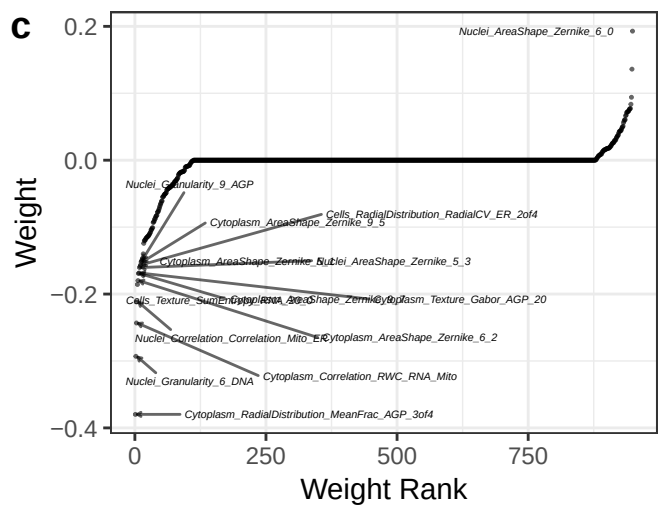


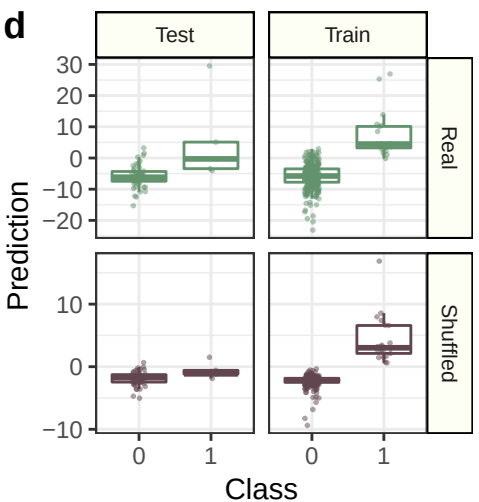


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.99	0.95	Train	False	21
0.90	0.61	Test	False	21
1.00	1.00	Train	True	21
0.78	0.38	Test	True	21



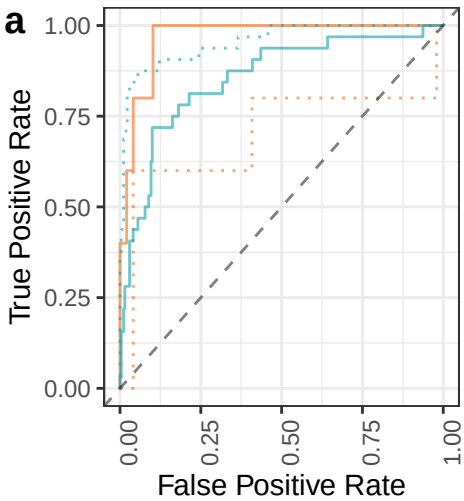


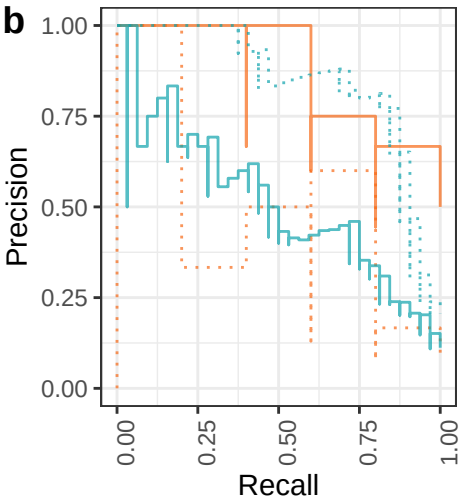
Shuffled

False

True

Performance: cc_cc_early_mitosis

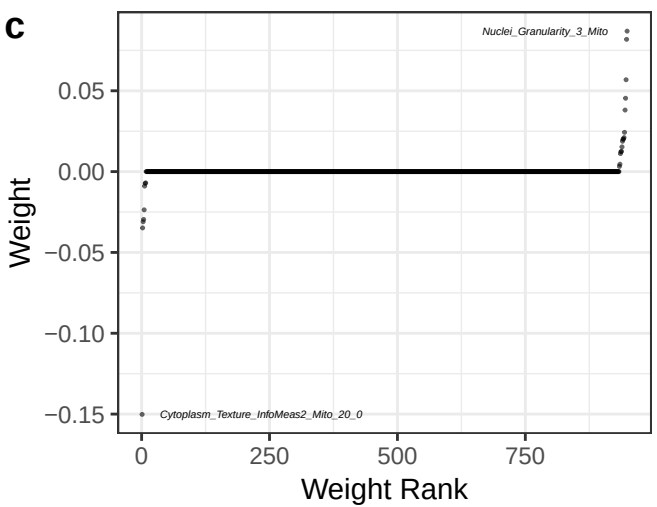


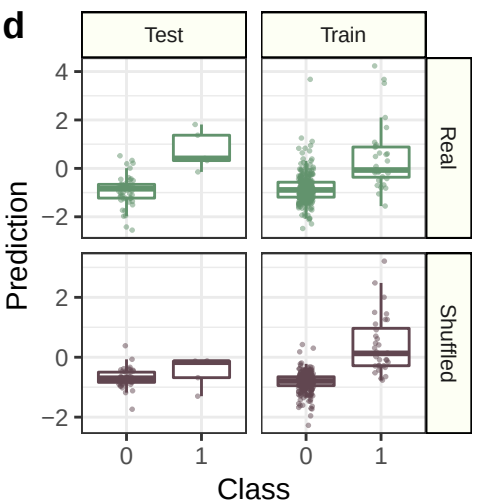


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.85	0.49	Train	False	32
0.97	0.78	Test	False	32
0.95	0.83	Train	True	32
0.70	0.34	Test	True	32



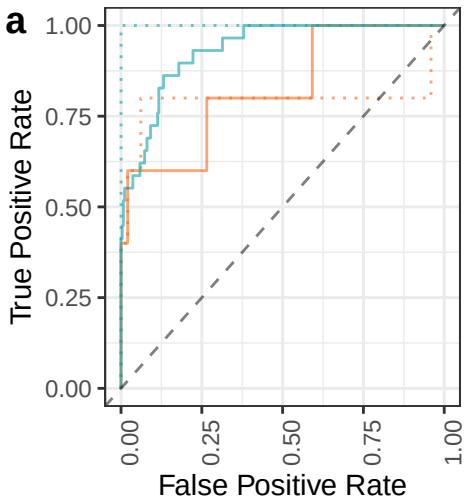


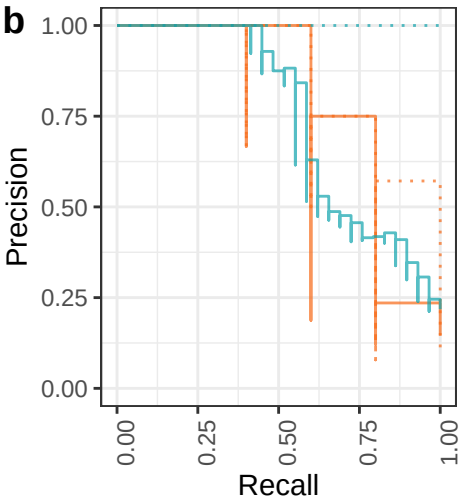
Shuffled

False

True

Performance: cc_cc_n_spots_h2ax_mean

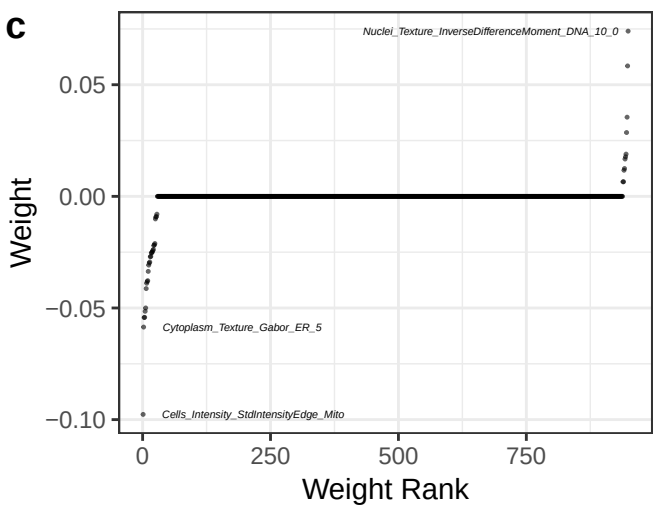


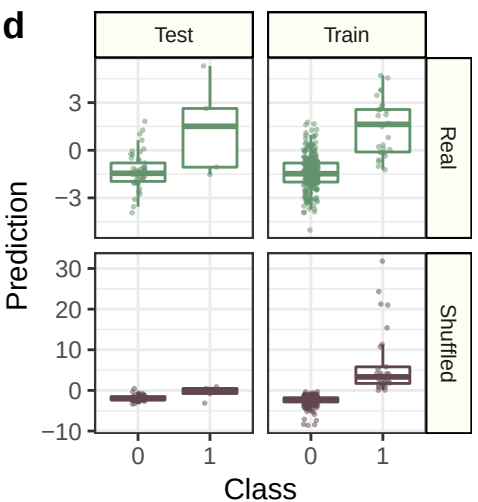


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.93	0.72	Train	False	29
0.82	0.63	Test	False	29
1.00	1.00	Train	True	29
0.79	0.68	Test	True	29



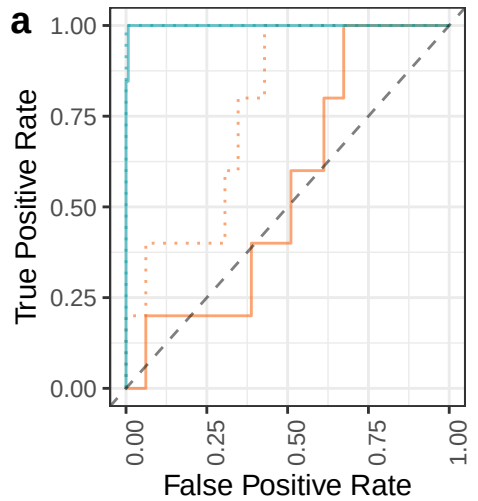


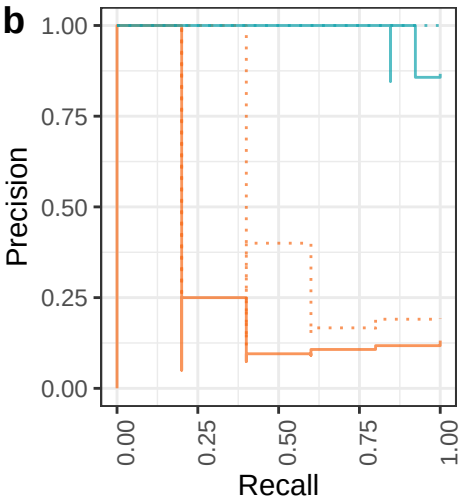
Shuffled

False

True

Performance: cc_early_mitosis_n_objects

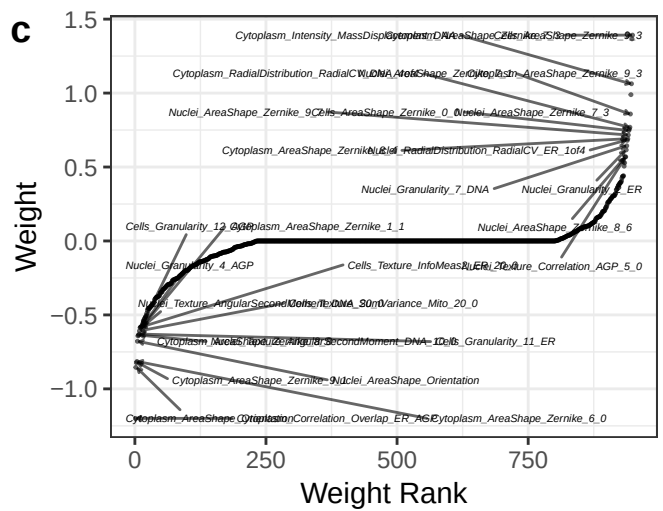


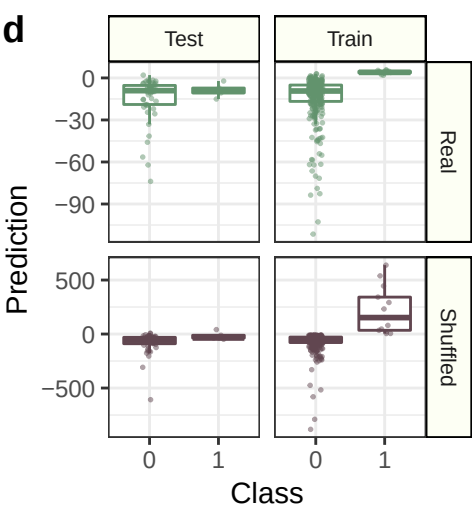


Data: Real Shuffled

Fit: Test Train

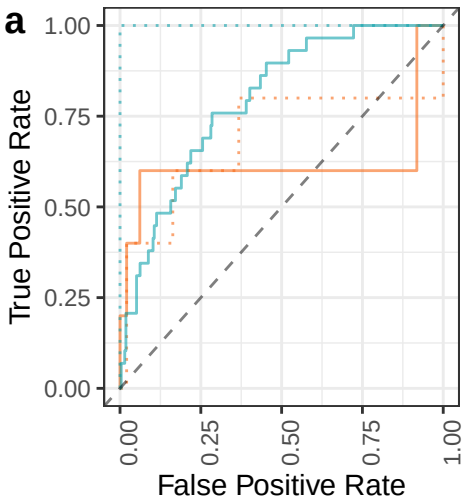
AUROC	AUPR	fit	shuffle	pos_n
1.00	0.98	Train	False	13
0.55	0.14	Test	False	13
1.00	1.00	Train	True	13
0.77	0.39	Test	True	13

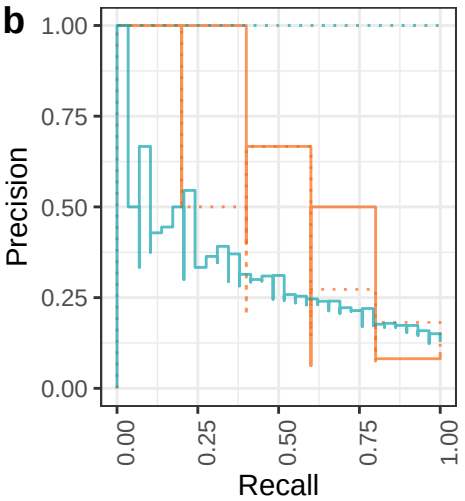




Shuffled
False
True

Performance: cc_early_mitosis_n_spots_h2ax_mean

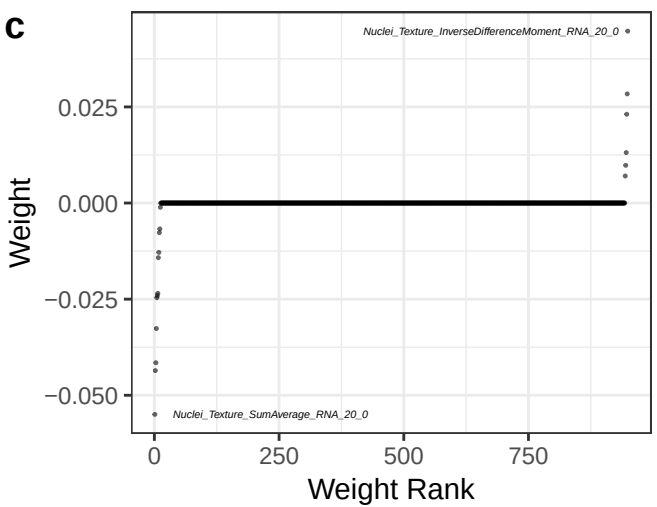


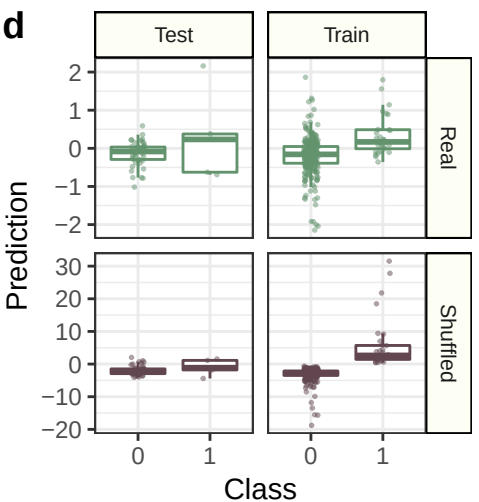


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.79	0.30	Train	False	29
0.62	0.47	Test	False	29
1.00	1.00	Train	True	29
0.69	0.34	Test	True	29



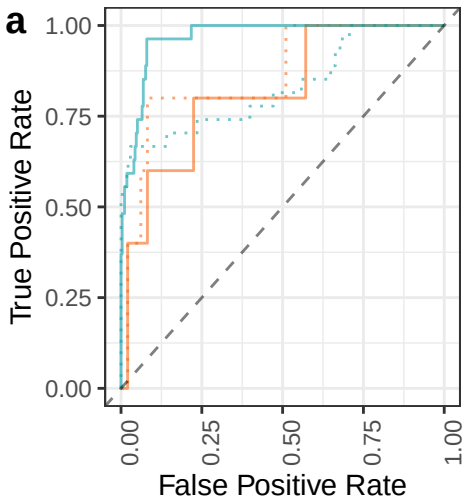


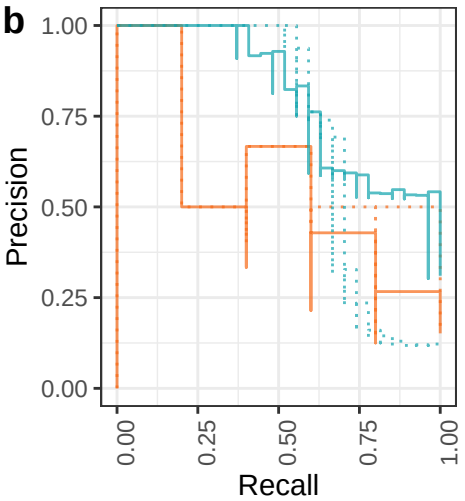
Shuffled

False

True

Performance: cc_g1_n_spots_h2ax_mean

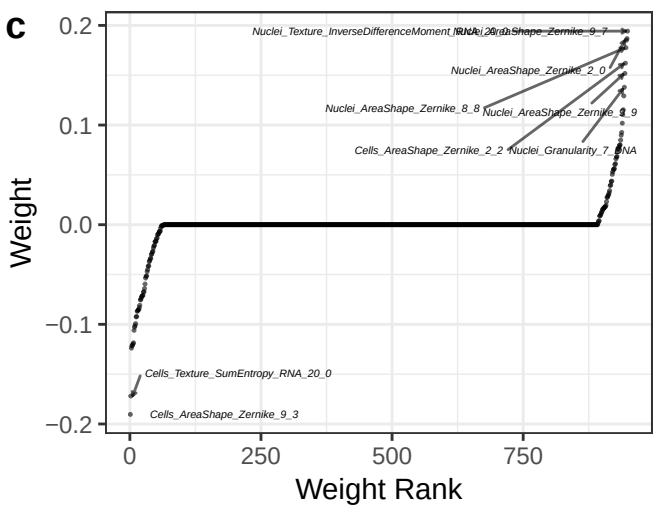


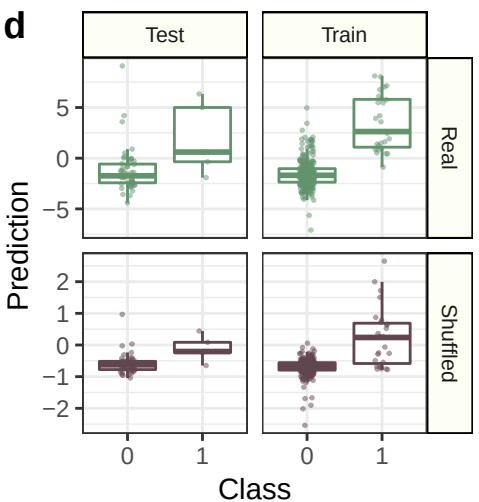


Data: Real Shuffled

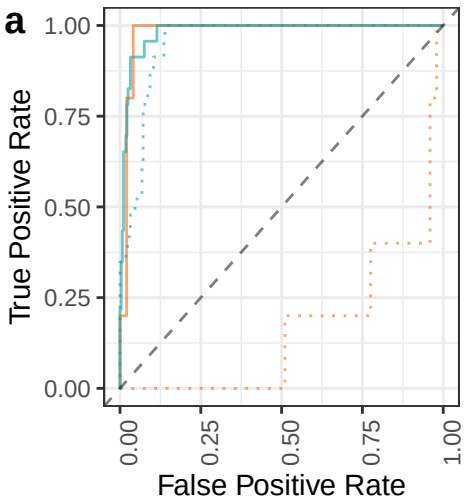
Fit: Test Train

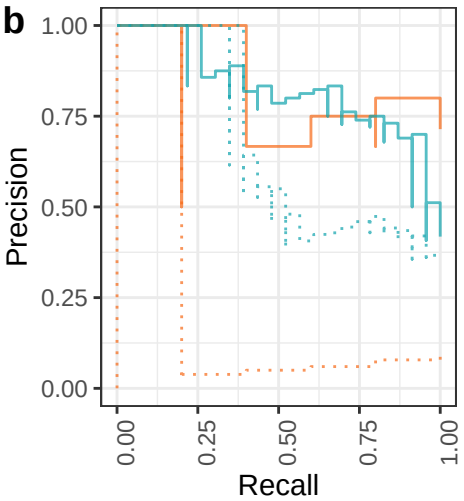
AUROC	AUPR	fit	shuffle	pos_n
0.97	0.78	Train	False	27
0.82	0.40	Test	False	27
0.83	0.69	Train	True	27
0.86	0.47	Test	True	27





Performance: cc_g1_plus_g2_count

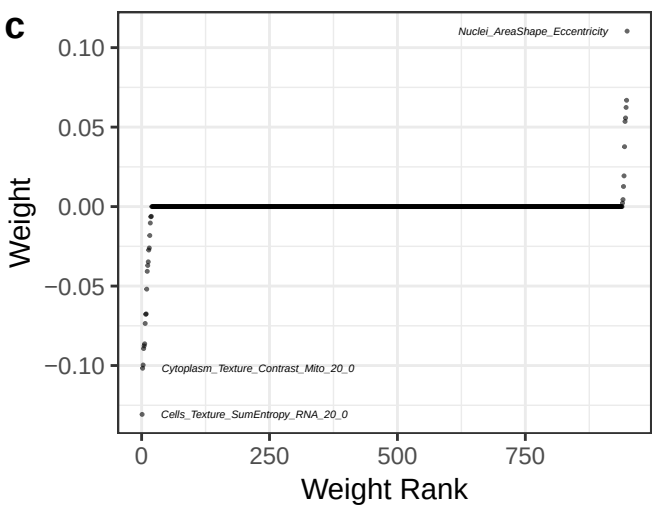


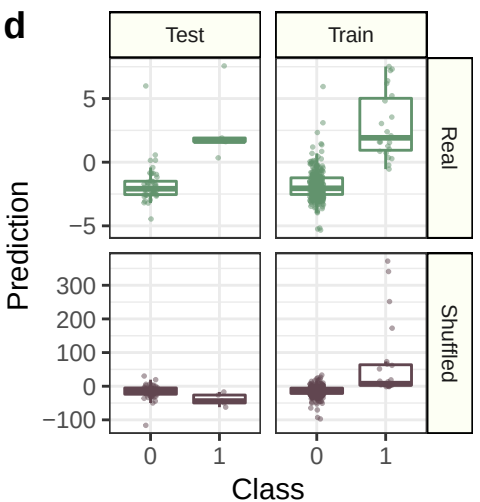


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.98	0.81	Train	False	23
0.98	0.79	Test	False	23
0.95	0.65	Train	True	23
0.16	0.06	Test	True	23



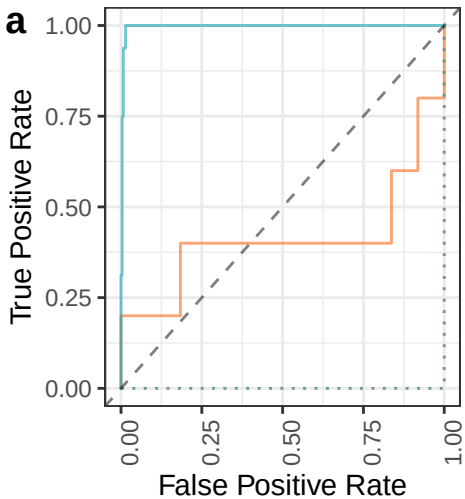


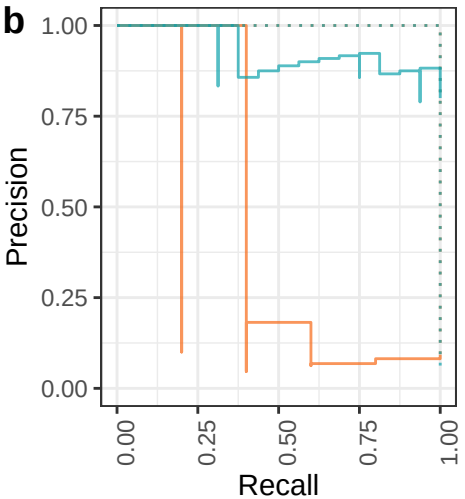
Shuffled

False

True

Performance: cc_late_mitosis_high_h2ax

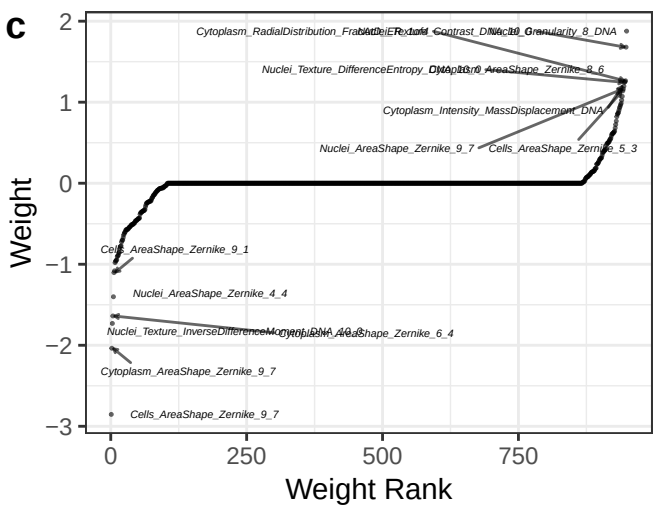


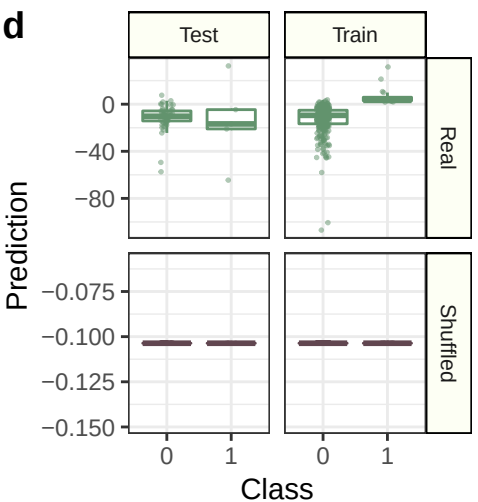


Data: Real Shuffled

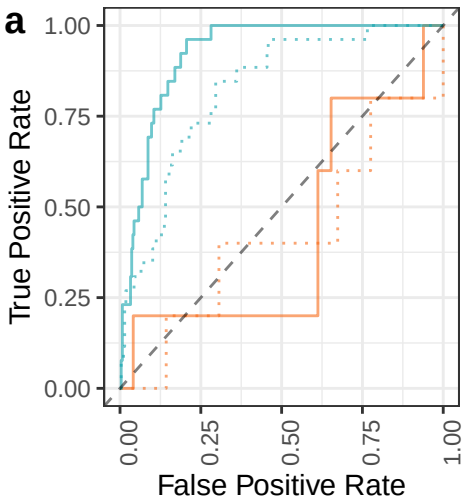
Fit: Test Train

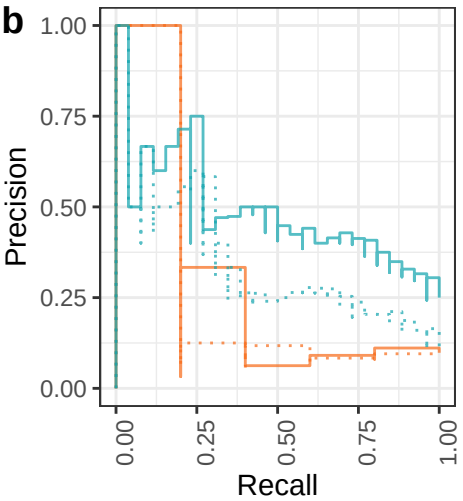
AUROC	AUPR	fit	shuffle	pos_n
1.00	0.92	Train	False	16
0.41	0.28	Test	False	16
0.50	0.05	Train	True	16
0.50	0.09	Test	True	16





Performance: cc_late_mitosis_n_spots_h2ax_mean

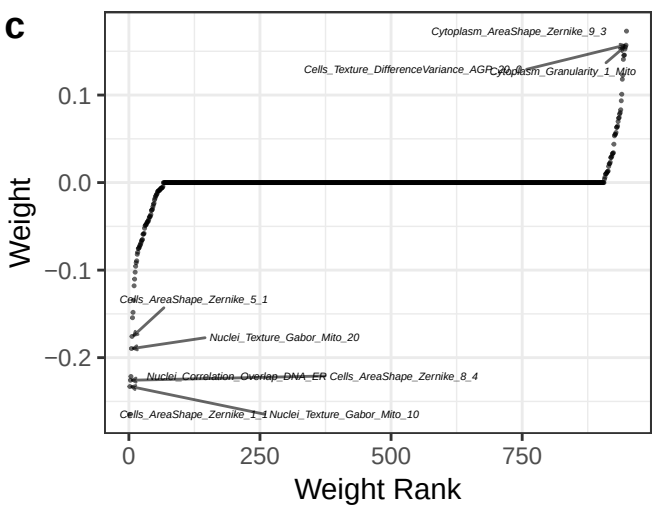


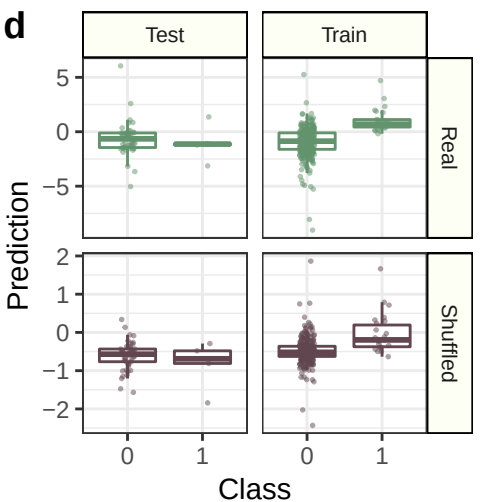


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.92	0.46	Train	False	26
0.43	0.14	Test	False	26
0.82	0.33	Train	True	26
0.42	0.10	Test	True	26



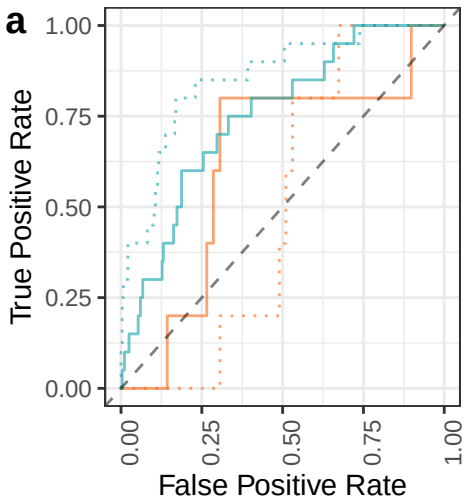


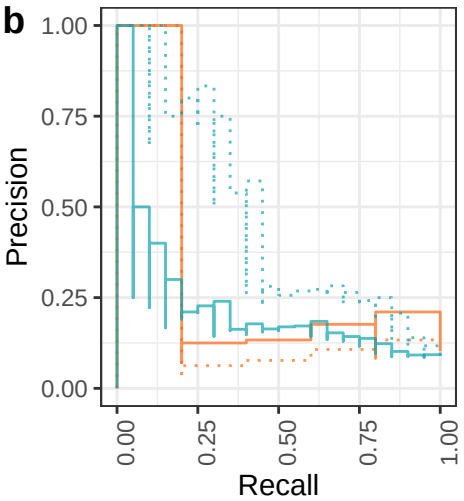
Shuffled

False

True

Performance: cc_late_mitosis_n_spots_h2ax_per_nucleus_area_mean

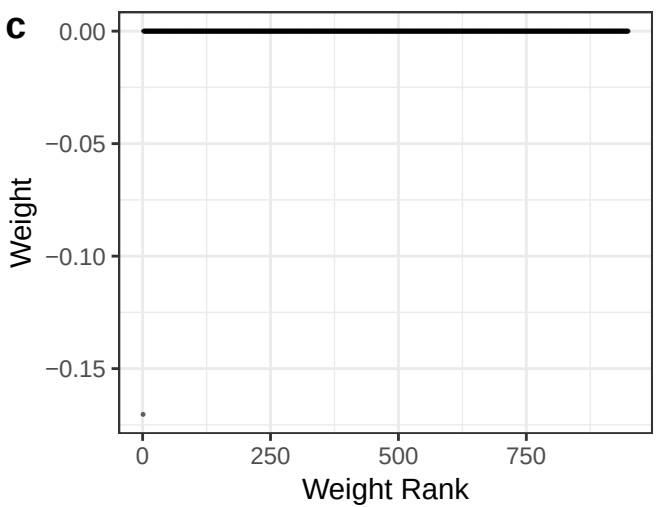


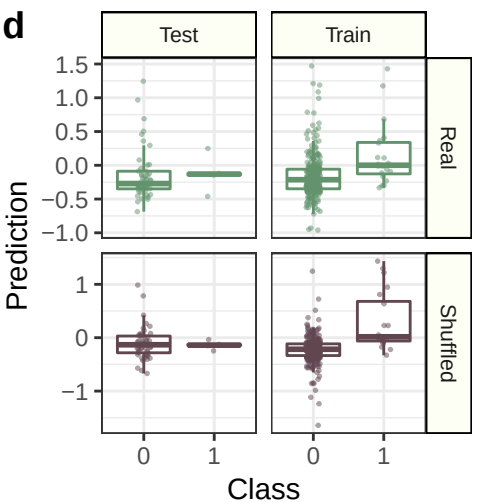


Data: Real Shuffled

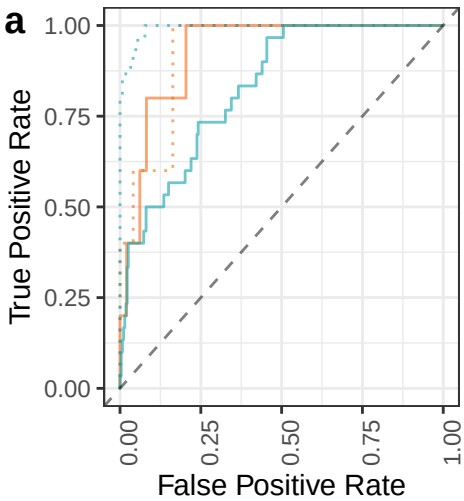
Fit: Test Train

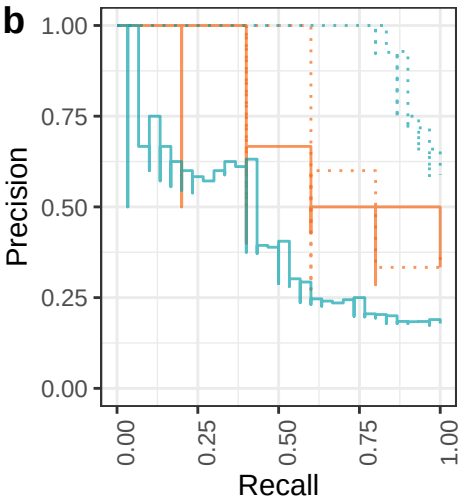
AUROC	AUPR	fit	shuffle	pos_n
0.75	0.19	Train	False	20
0.62	0.15	Test	False	20
0.85	0.45	Train	True	20
0.50	0.10	Test	True	20





Performance: cc_s_n_spots_h2ax_per_nucleus_area_mean

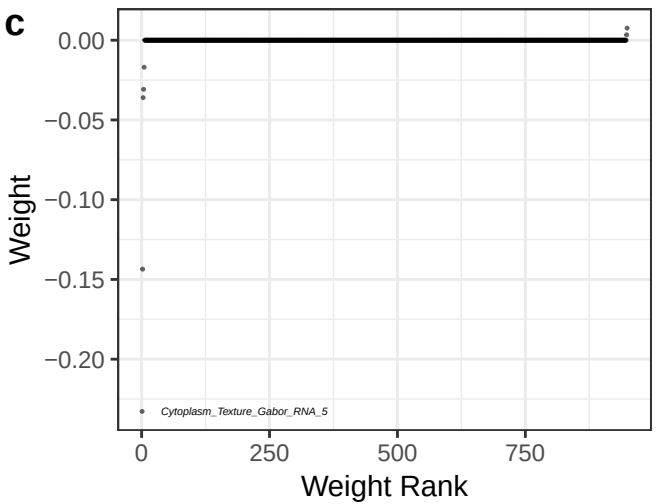


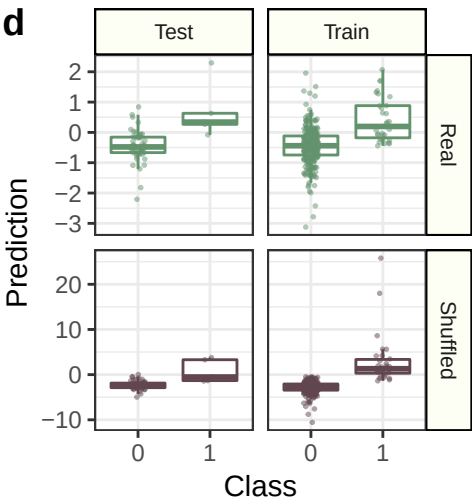


Data: Real Shuffled

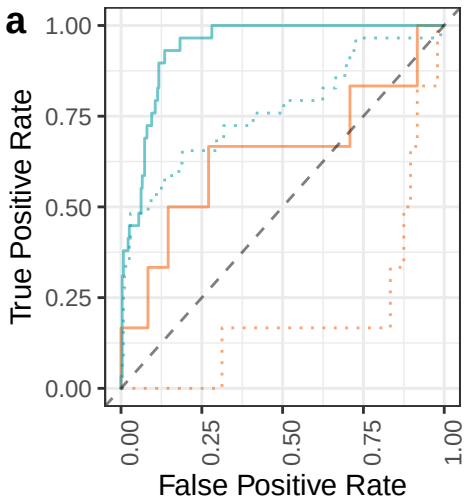
Fit: Test Train

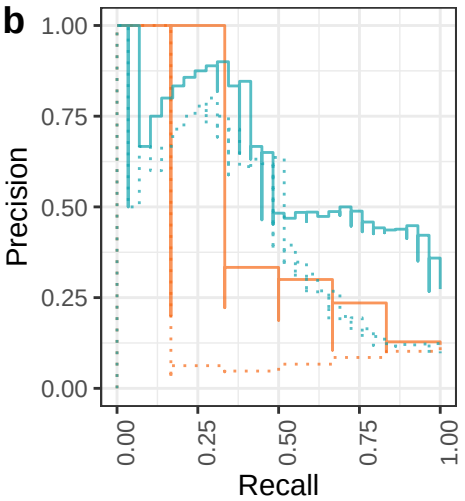
AUROC	AUPR	fit	shuffle	pos_n
0.83	0.42	Train	False	30
0.93	0.60	Test	False	30
0.99	0.95	Train	True	30
0.93	0.66	Test	True	30





Performance: cc_all_high_h2ax

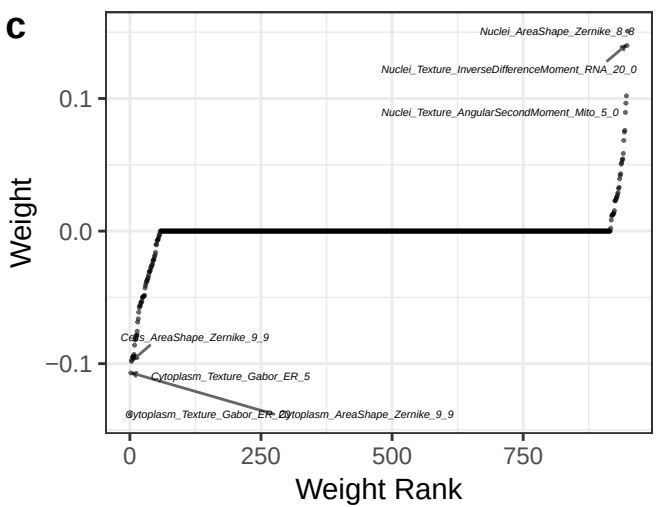


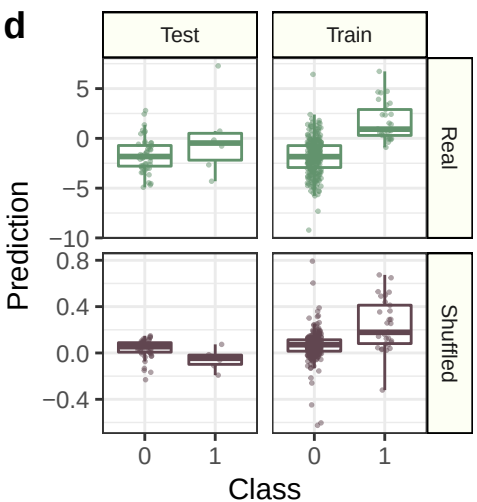


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.94	0.61	Train	False	29
0.65	0.35	Test	False	29
0.76	0.43	Train	True	29
0.20	0.08	Test	True	29



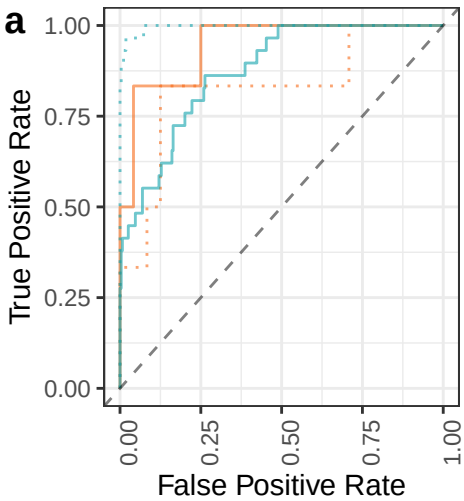


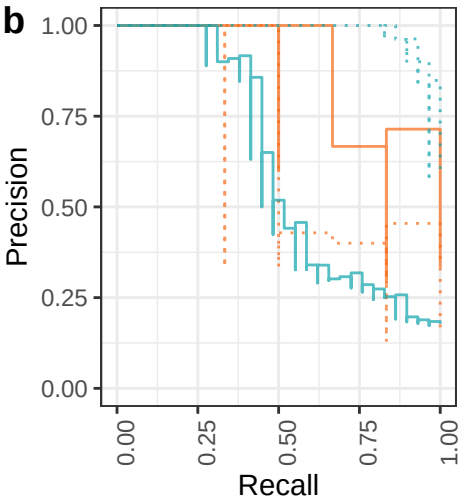
Shuffled

False

True

Performance: cc_cc_n_spots_h2ax_per_nucleus_area_mean

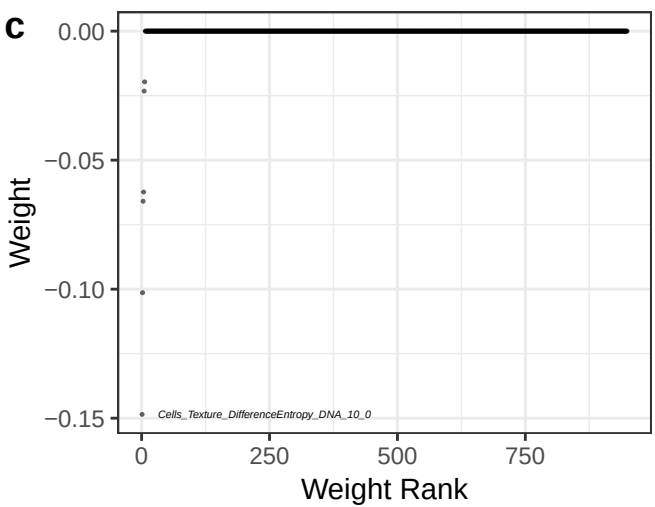


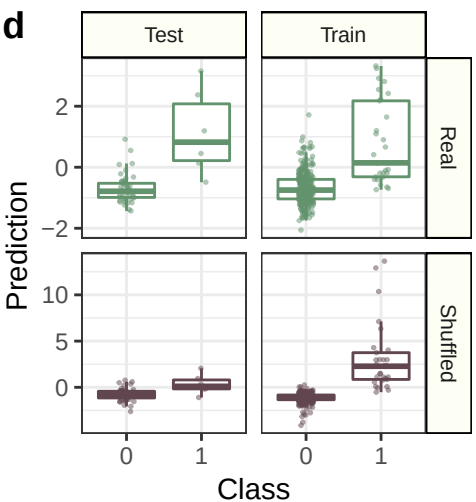


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.87	0.59	Train	False	29
0.94	0.79	Test	False	29
1.00	0.97	Train	True	29
0.83	0.57	Test	True	29



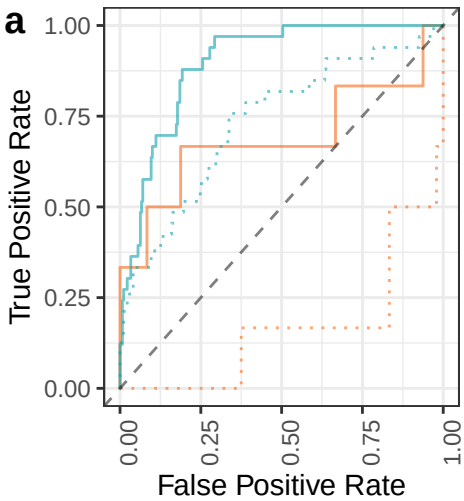


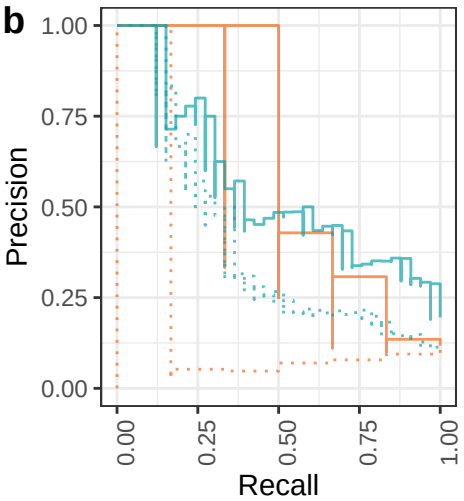
Shuffled

False

True

Performance: cc_early_mitosis_n_spots_h2ax_per_nucleus_area_mean

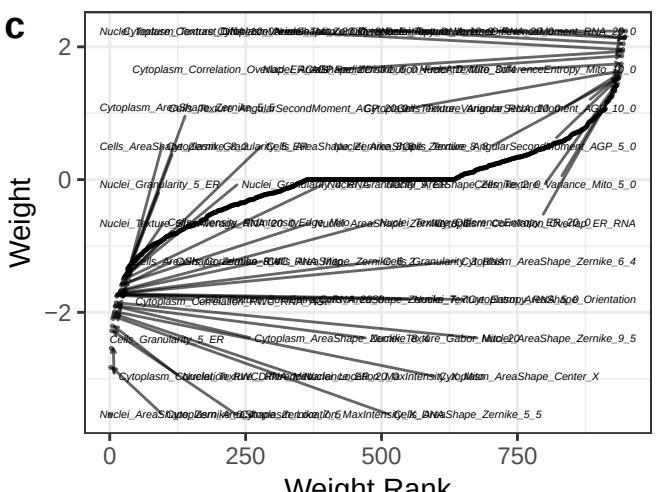


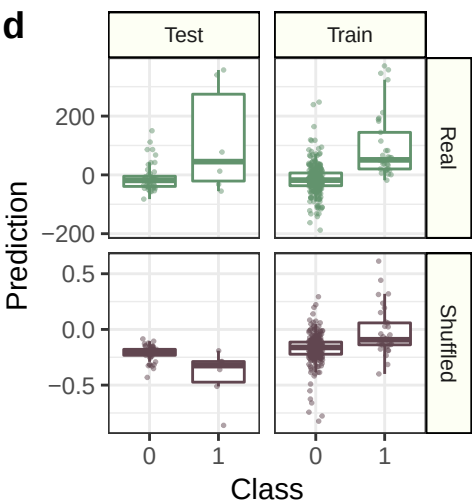


Data: Real Shuffled

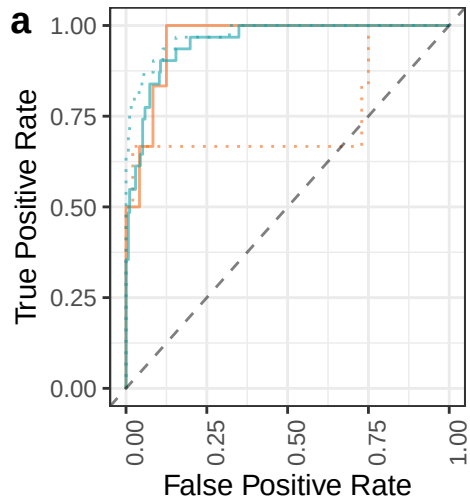
Fit: Test Train

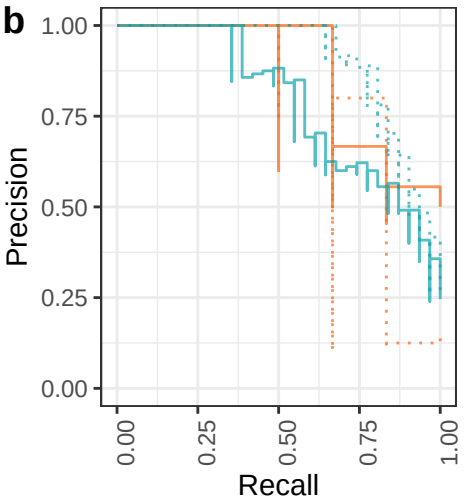
AUROC	AUPR	fit	shuffle	pos_n
0.90	0.54	Train	False	33
0.69	0.50	Test	False	33
0.73	0.39	Train	True	33
0.16	0.08	Test	True	33





Performance: cc_g1_n_spots_h2ax_per_nucleus_area_mean

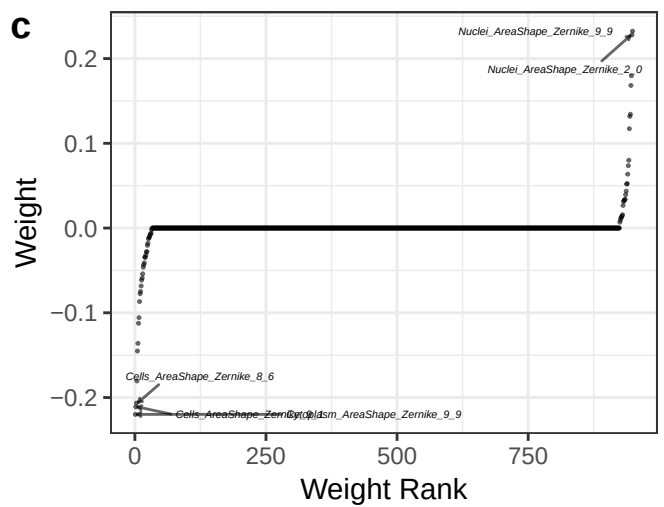


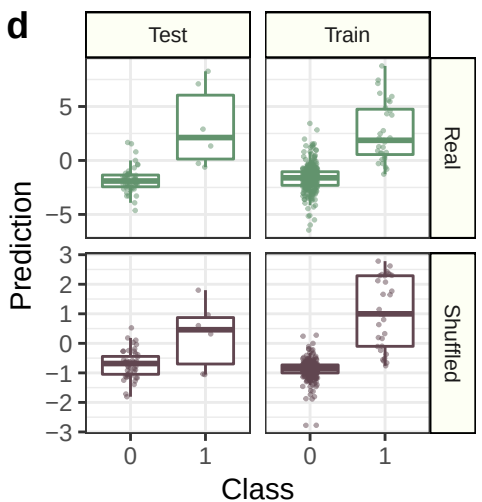


Data: Real Shuffled

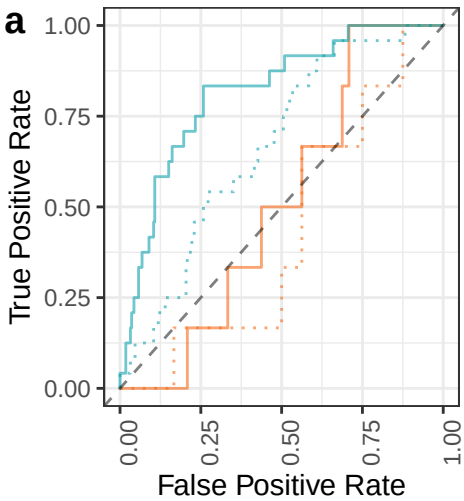
Fit: Test Train

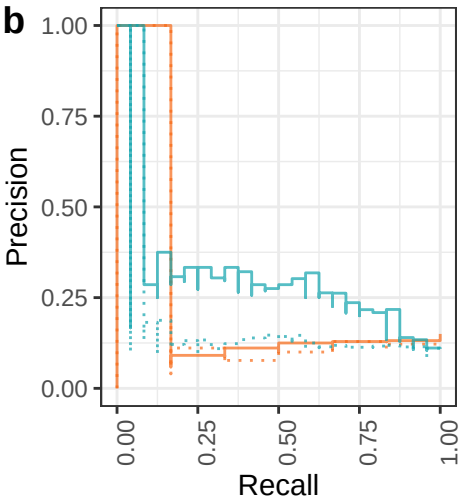
AUROC	AUPR	fit	shuffle	pos_n
0.95	0.77	Train	False	31
0.96	0.79	Test	False	31
0.97	0.89	Train	True	31
0.75	0.68	Test	True	31





Performance: cc_mitosis_n_objects

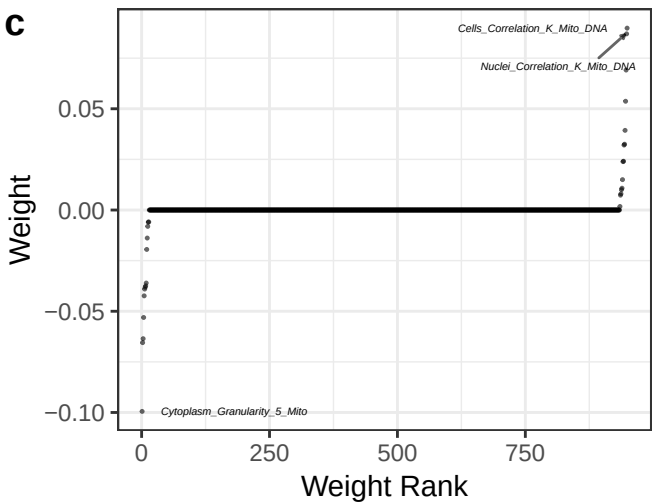


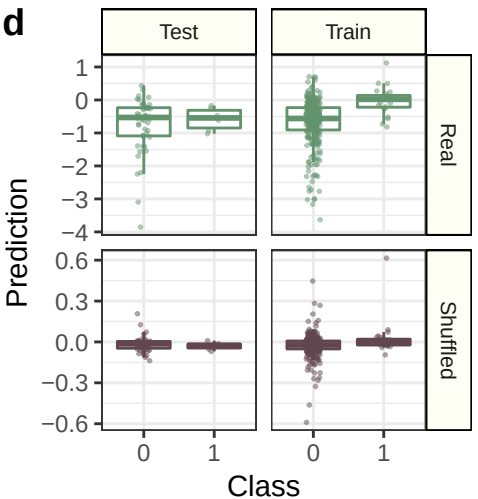


Data: Real Shuffled

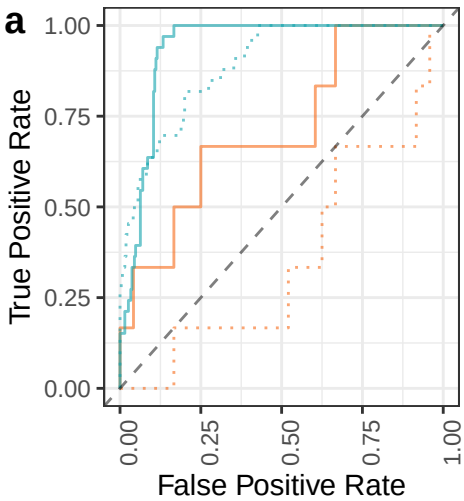
Fit: Test Train

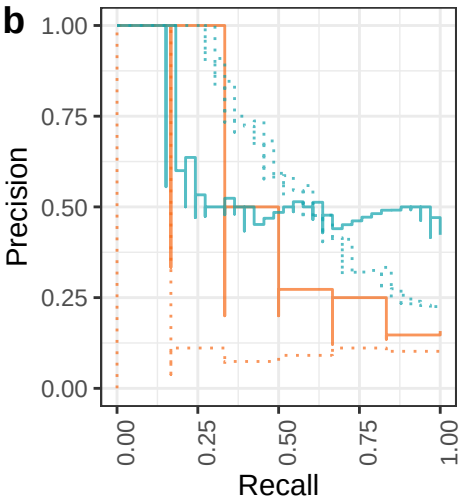
AUROC	AUPR	fit	shuffle	pos_n
0.81	0.29	Train	False	24
0.51	0.12	Test	False	24
0.67	0.16	Train	True	24
0.43	0.11	Test	True	24





Performance: vb_percent_caspase_dead_only

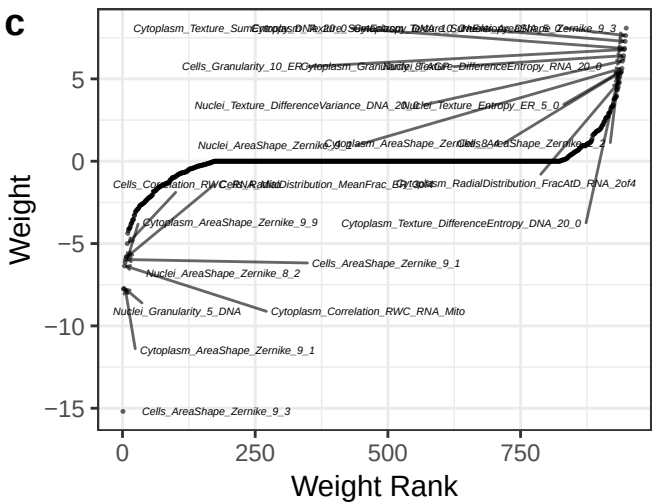


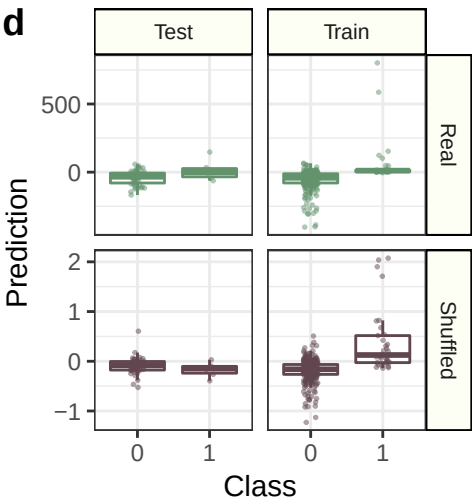


Data: Real Shuffled

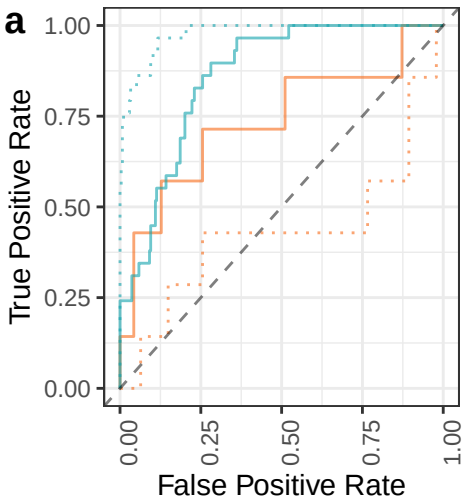
Fit: Test Train

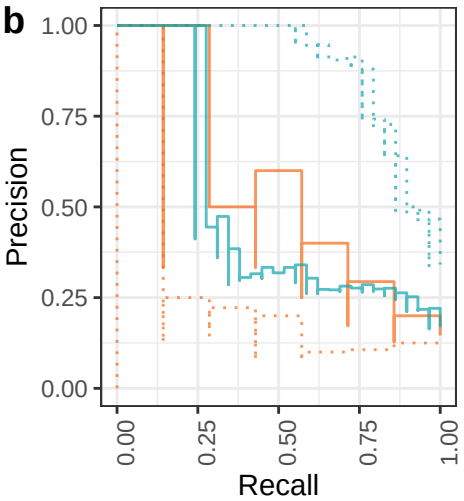
AUROC	AUPR	fit	shuffle	pos_n
0.93	0.57	Train	False	33
0.71	0.39	Test	False	33
0.89	0.62	Train	True	33
0.36	0.10	Test	True	33





Performance: cc_all_n_spots_h2ax_per_nucleus_area_mean

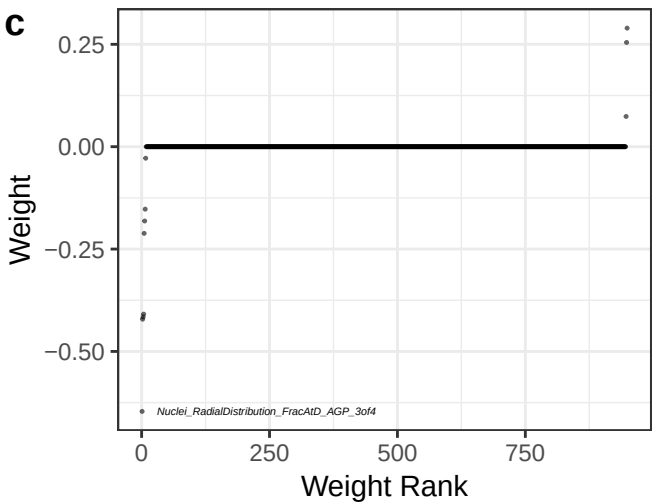


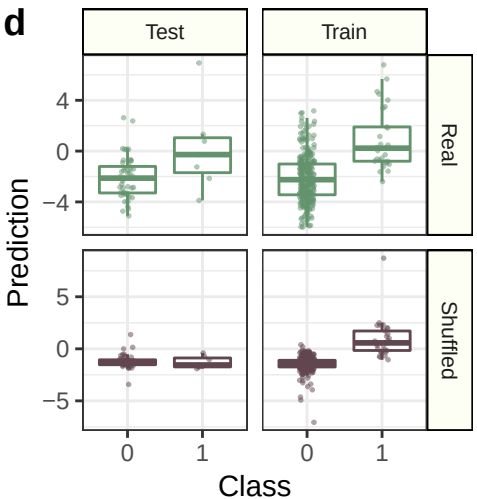


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.86	0.47	Train	False	29
0.74	0.45	Test	False	29
0.98	0.88	Train	True	29
0.43	0.16	Test	True	29





Shuffled
False
True