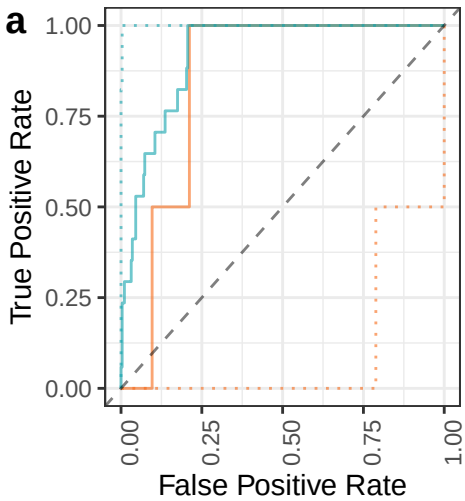
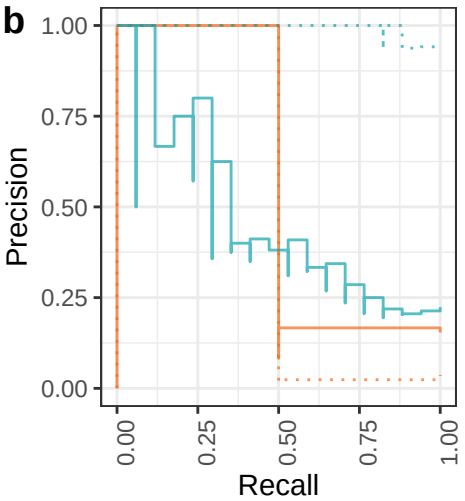
Performance: cc_early_mitosis_high_h2ax

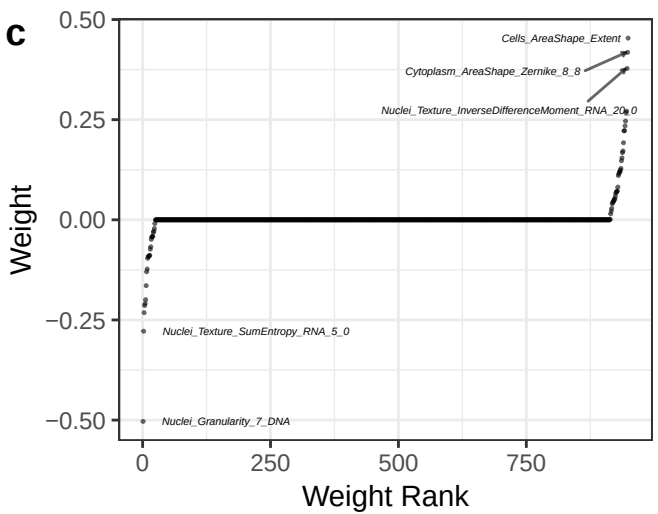


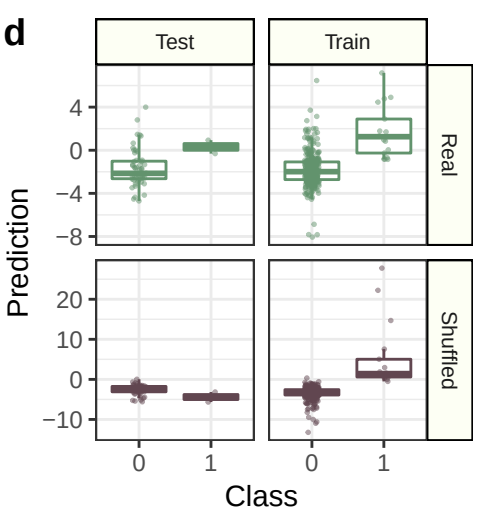


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.92	0.44	Train	False	17
0.85	0.16	Test	False	17
1.00	0.99	Train	True	17
0.11	0.03	Test	True	17



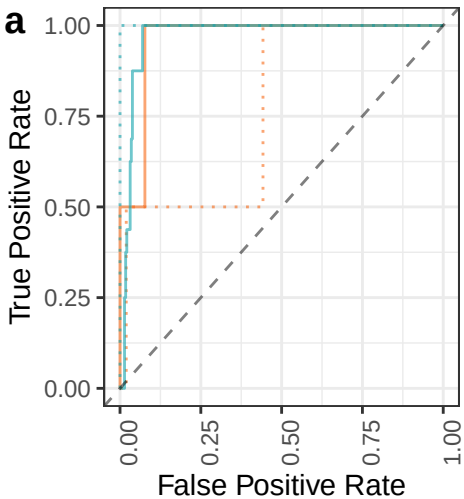


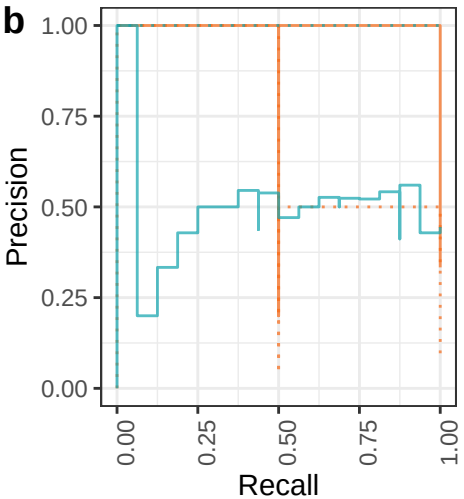
Shuffled

False

True

Performance: cc_g2_plus_all_m_count

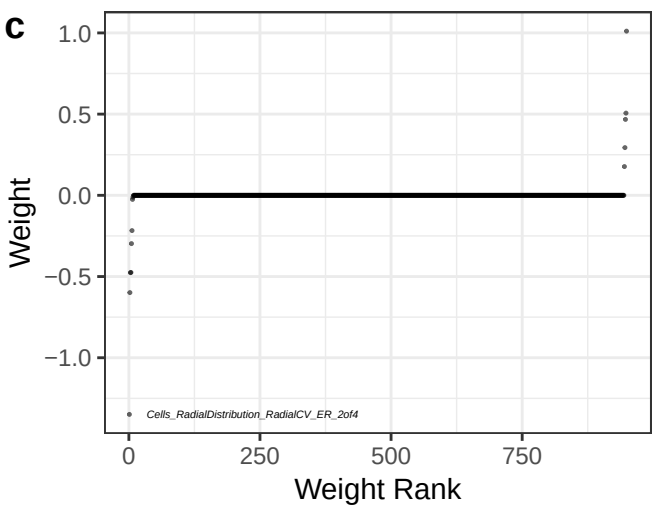


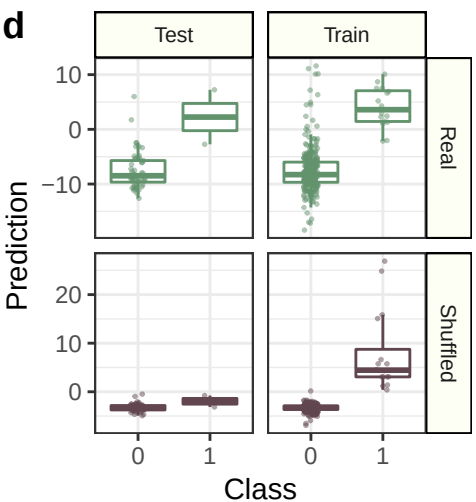


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.97	0.47	Train	False	16
0.96	0.67	Test	False	16
1.00	1.00	Train	True	16
0.77	0.29	Test	True	16



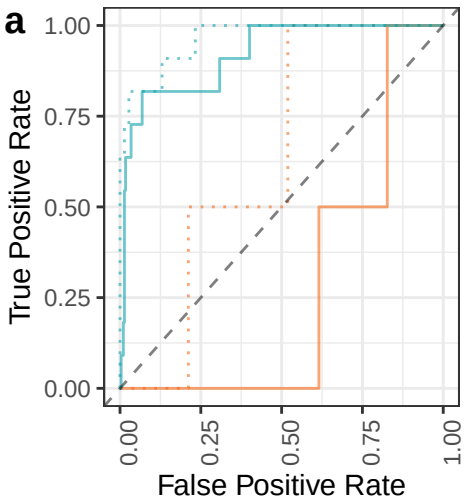


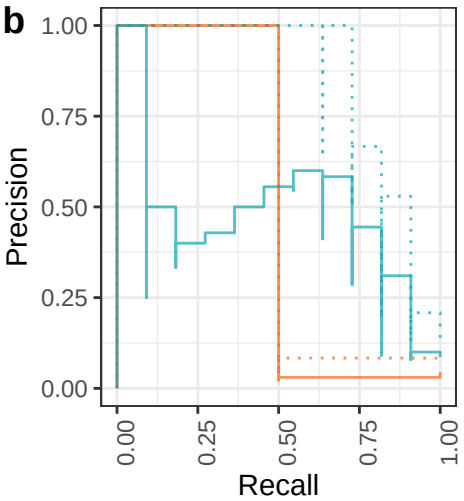
Shuffled

False

True

Performance: cc_infection_percentage

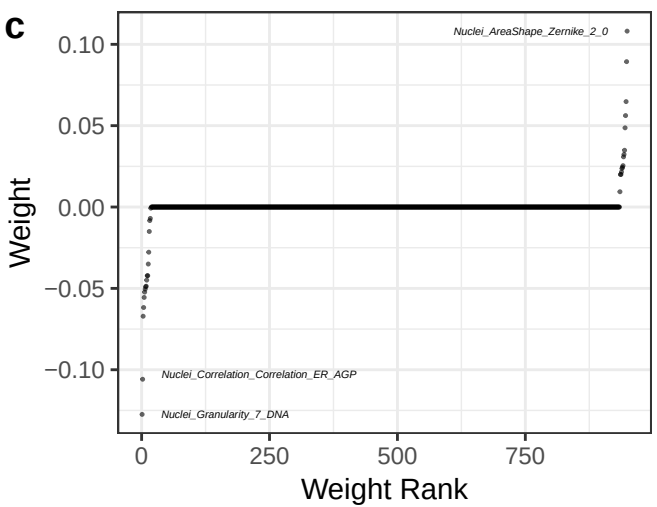


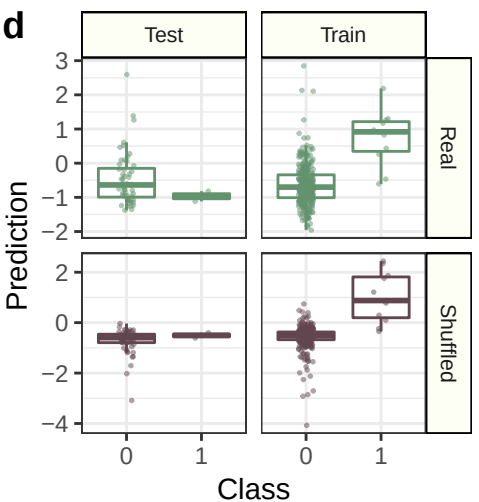


Data: Real Shuffled

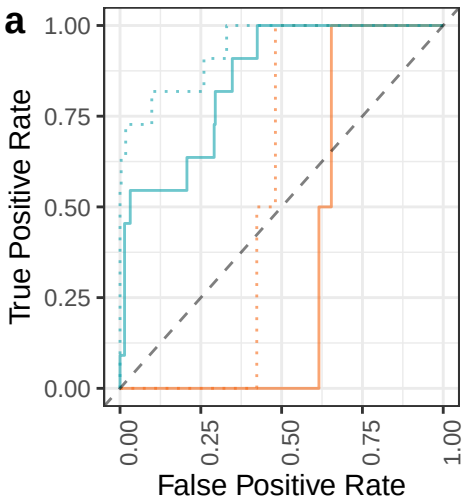
Fit: Test Train

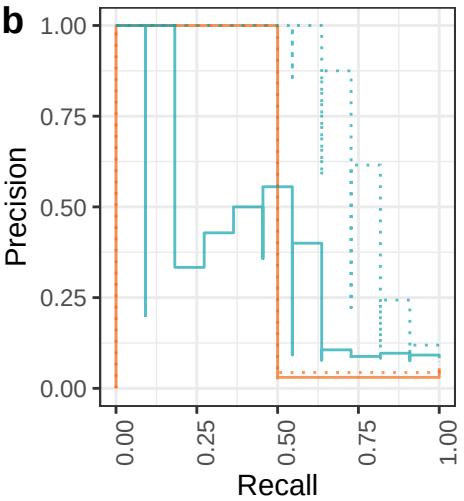
AUROC	AUPR	fit	shuffle	pos_n
0.92	0.41	Train	False	11
0.28	0.04	Test	False	11
0.96	0.78	Train	True	11
0.63	0.08	Test	True	11

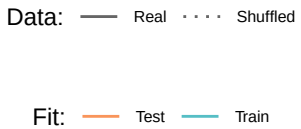




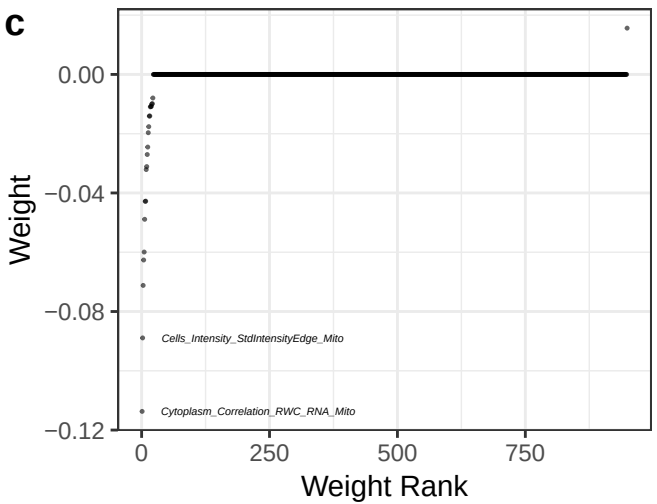
Performance: cc_late_mitosis_n_spots_h2ax_per_nucleus_area_mean

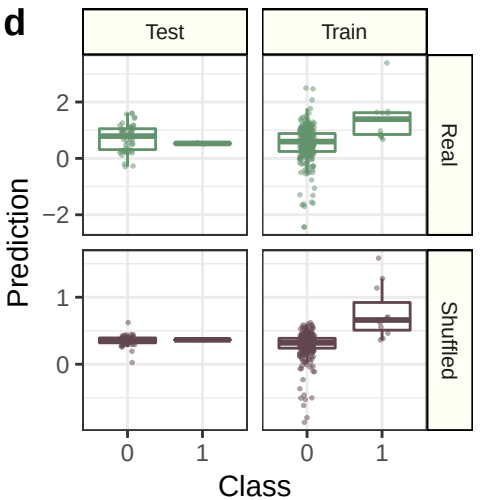


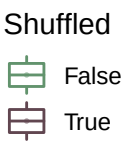




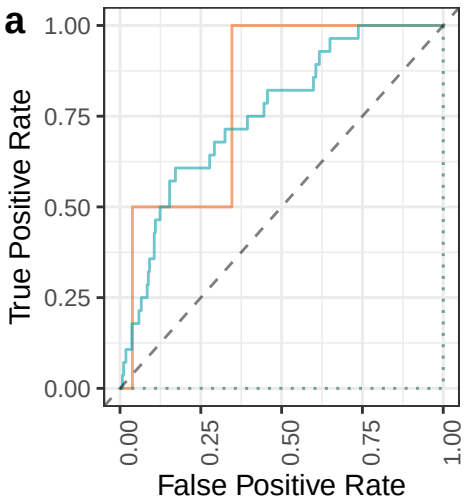
AUROC	AUPR	fit	shuffle	pos_n
0.85	0.33	Train	False	11
0.37	0.04	Test	False	11
0.94	0.72	Train	True	11
0.55	0.06	Test	True	11

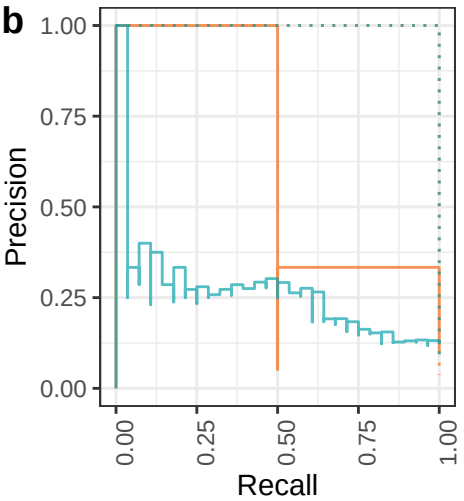






Performance: cc_mitosis_n_spots_h2ax_per_nucleus_area_mean

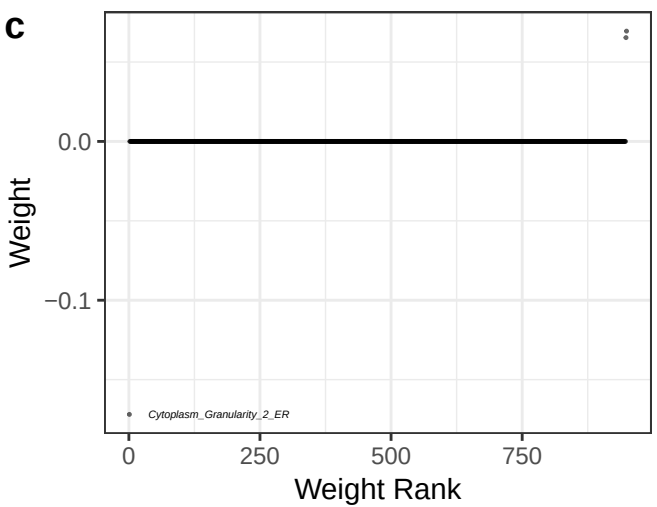


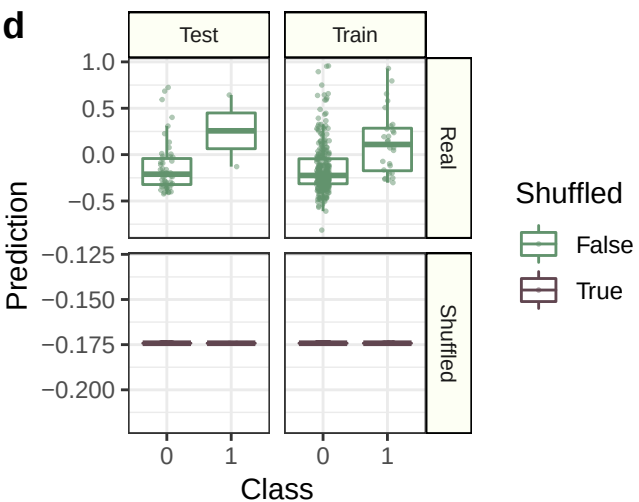


Data: Real Shuffled

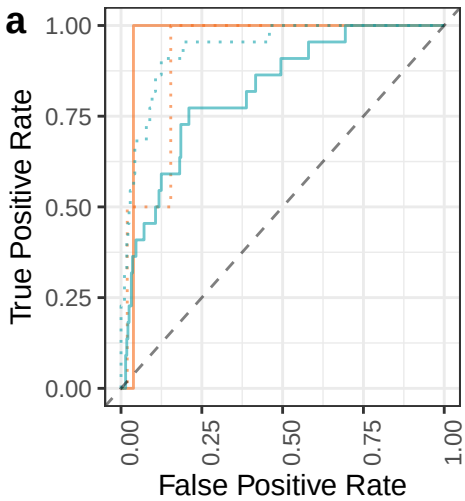
Fit: Test Train

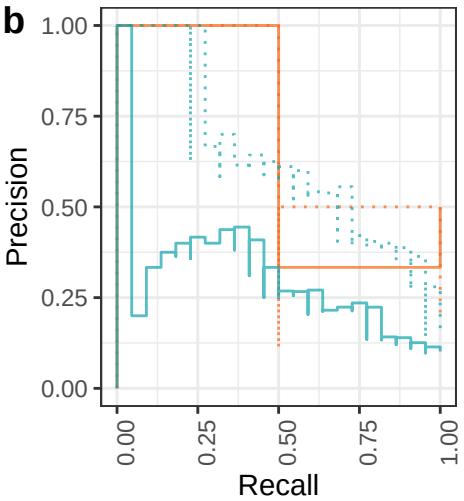
AUROC	AUPR	fit	shuffle	pos_n
0.76	0.24	Train	False	28
0.81	0.22	Test	False	28
0.50	0.09	Train	True	28
0.50	0.04	Test	True	28





Performance: cc_polynuclear_high_h2ax

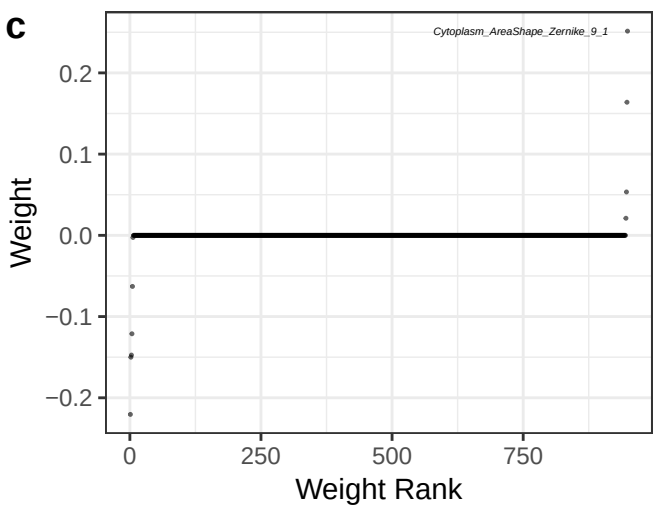


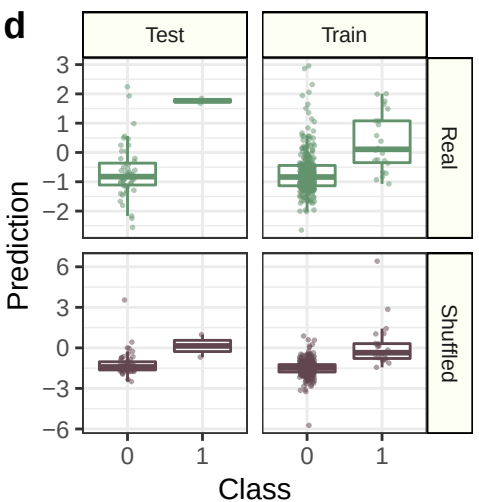


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.82	0.28	Train	False	22
0.96	0.42	Test	False	22
0.94	0.61	Train	True	22
0.91	0.35	Test	True	22



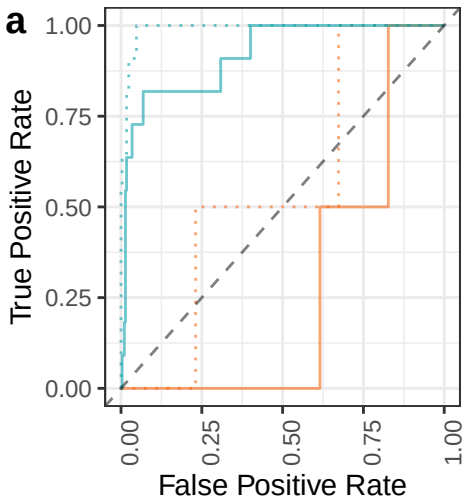


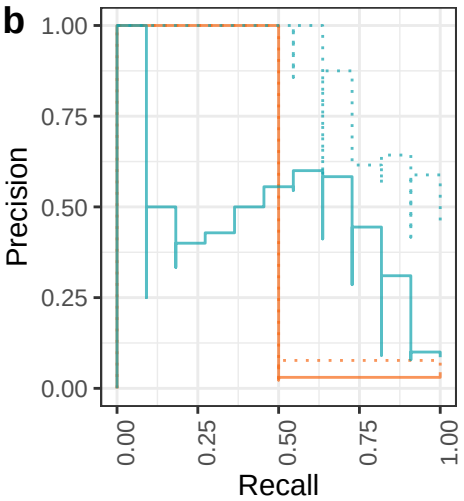
Shuffled

False

True

Performance: vb_infection_percentage

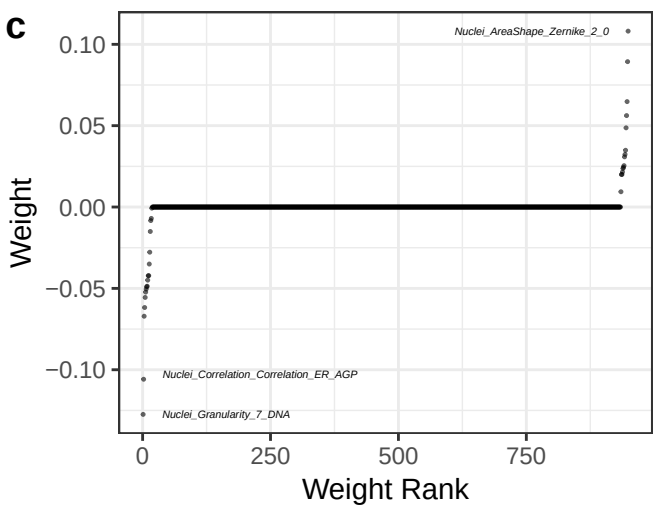


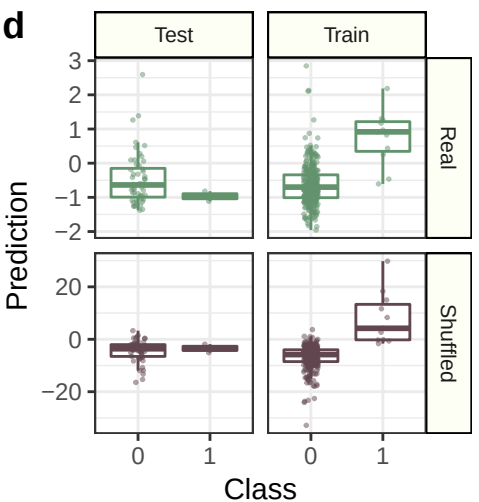


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.92	0.41	Train	False	11
0.28	0.04	Test	False	11
0.99	0.83	Train	True	11
0.55	0.07	Test	True	11



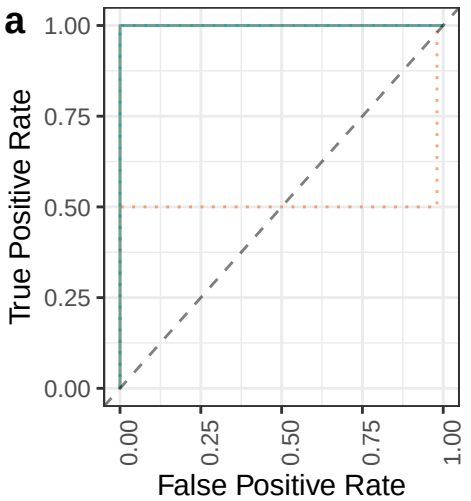


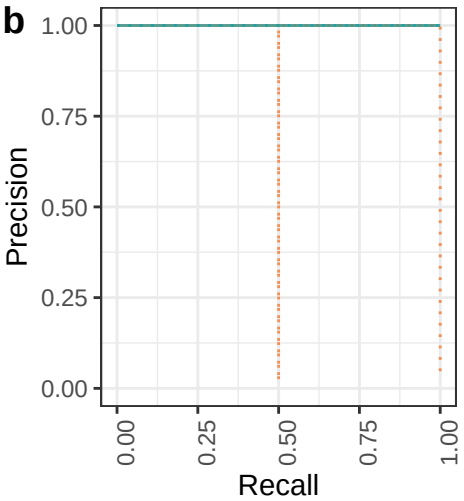
Shuffled

False

True

Performance: vb_percent_all_apoptosis

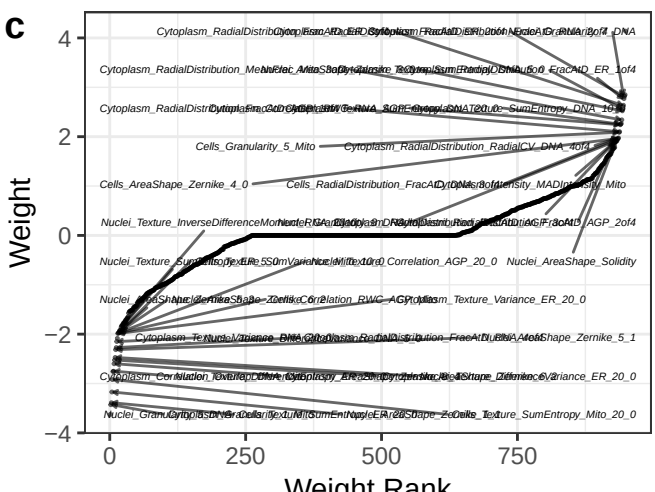


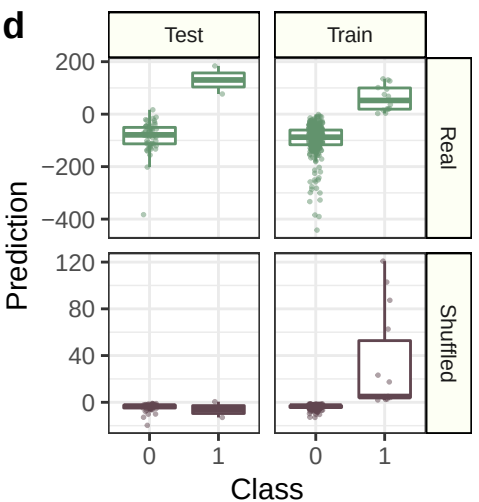


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
1.00	1.00	Train	False	14
1.00	1.00	Test	False	14
1.00	1.00	Train	True	14
0.51	0.52	Test	True	14



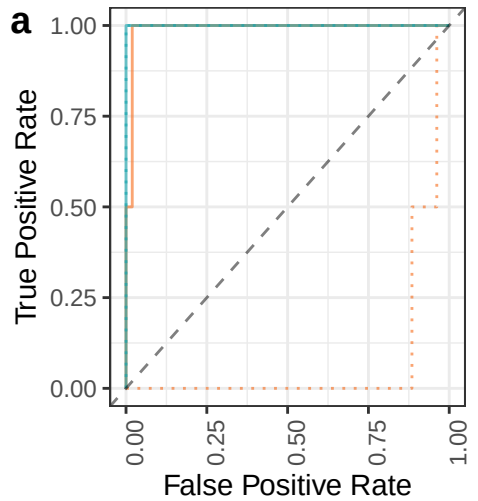


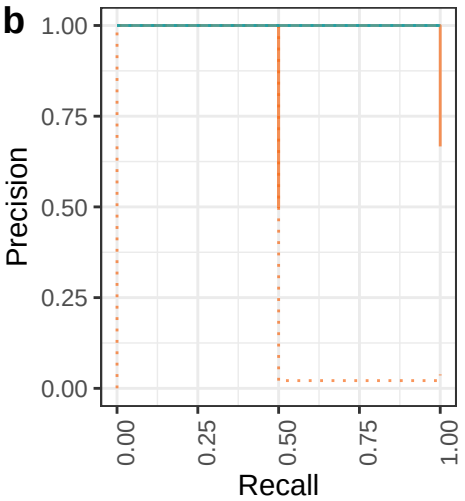
Shuffled

False

True

Performance: vb_percent_caspase_dead_only

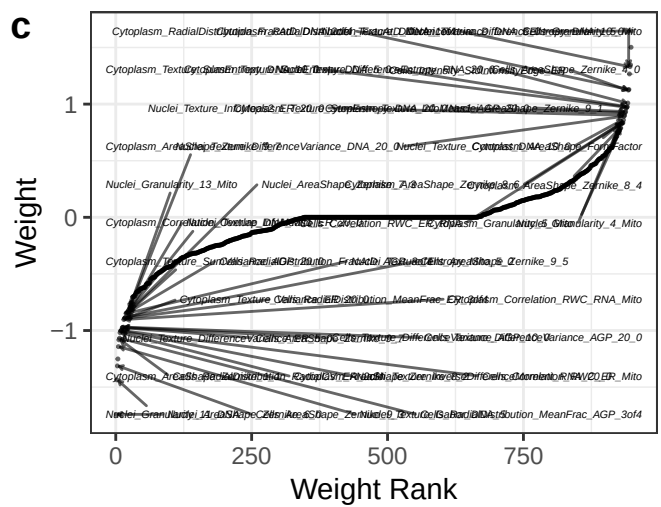


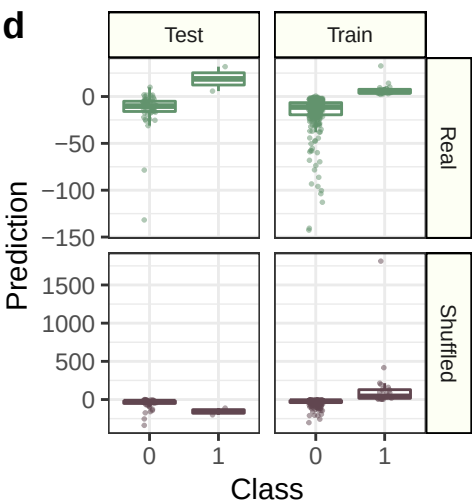


Data: Real Shuffled

Fit: Test Train

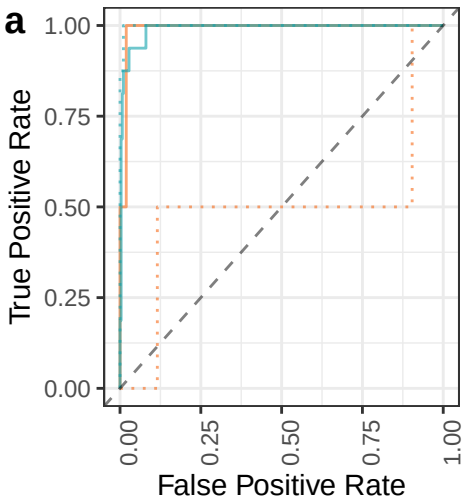
AUROC	AUPR	fit	shuffle	pos_n
1.00	1.00	Train	False	24
0.99	0.83	Test	False	24
1.00	1.00	Train	True	24
0.08	0.03	Test	True	24

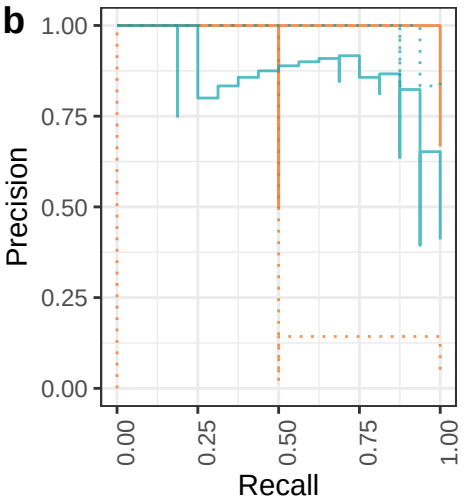




Shuffled
False
True

Performance: vb_percent_early_apoptosis

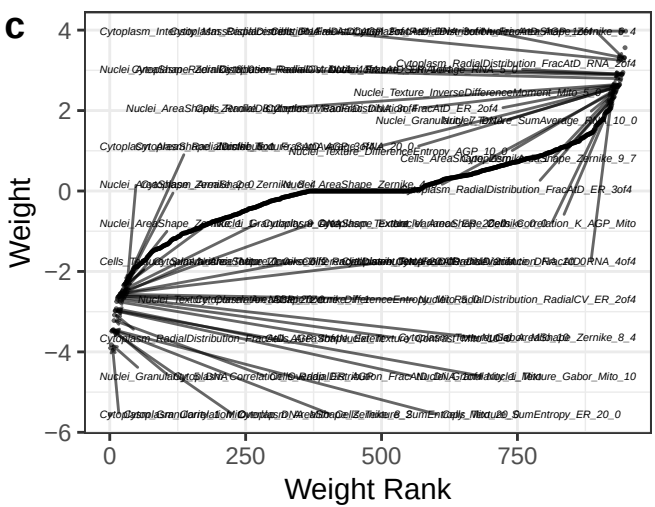


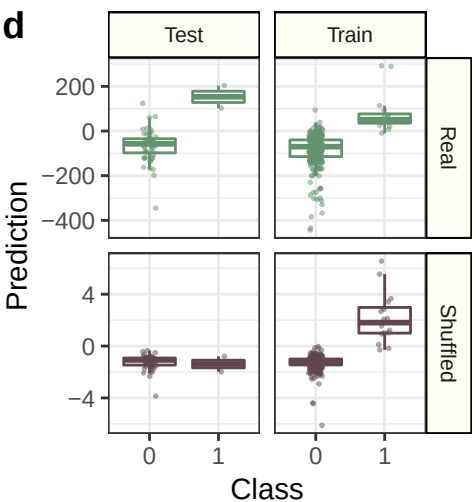


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.99	0.85	Train	False	16
0.99	0.83	Test	False	16
1.00	0.98	Train	True	16
0.49	0.09	Test	True	16



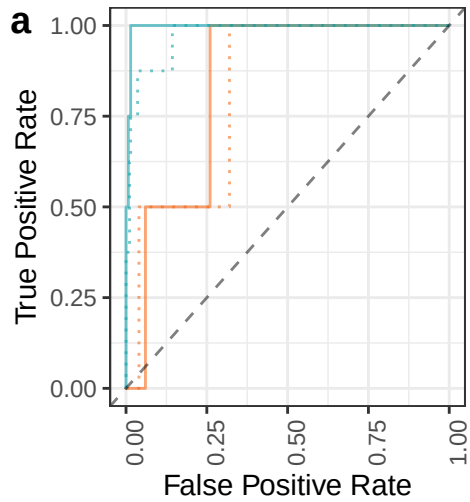


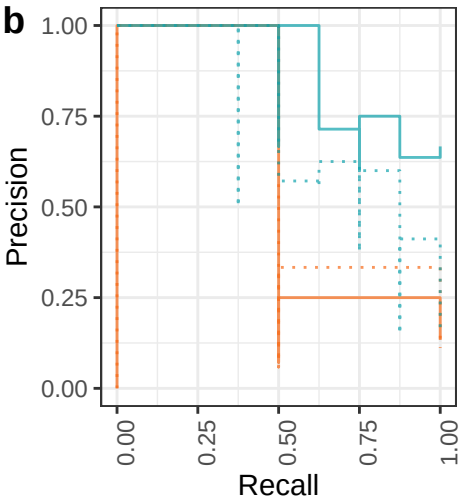
Shuffled

False

True

Performance: vb_ros_mean

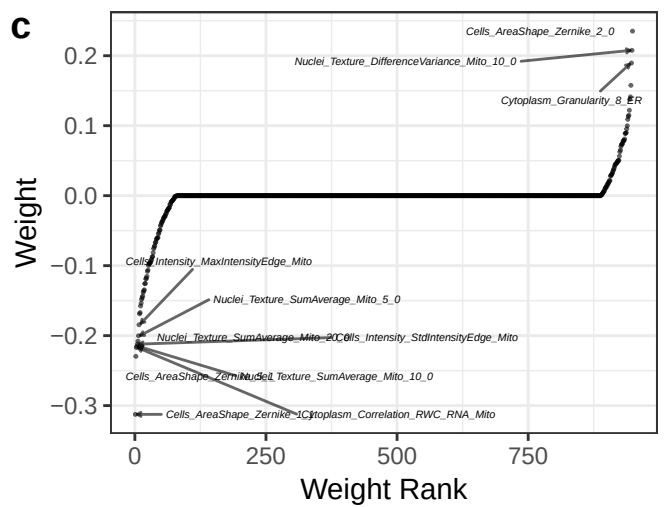


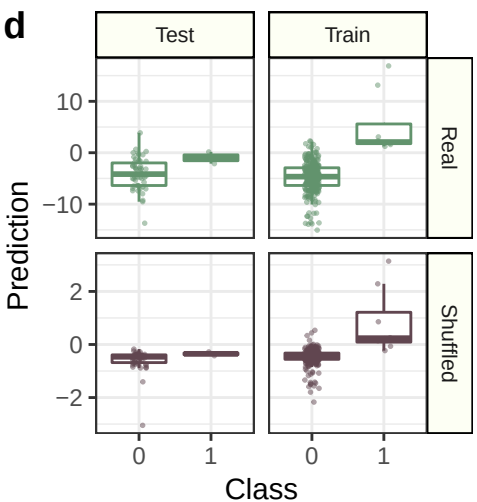


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.99	0.85	Train	False	8
0.84	0.19	Test	False	8
0.97	0.67	Train	True	8
0.82	0.22	Test	True	8



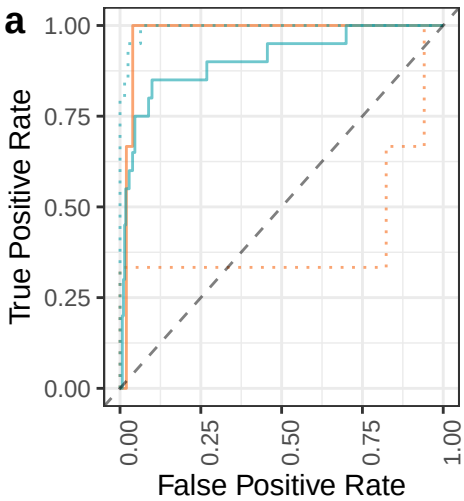


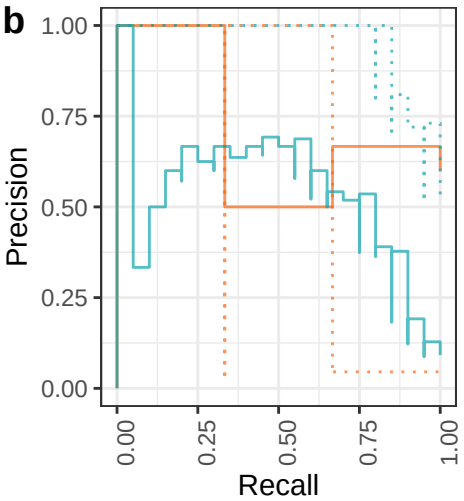
Shuffled

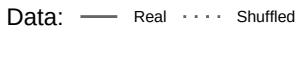
False

True

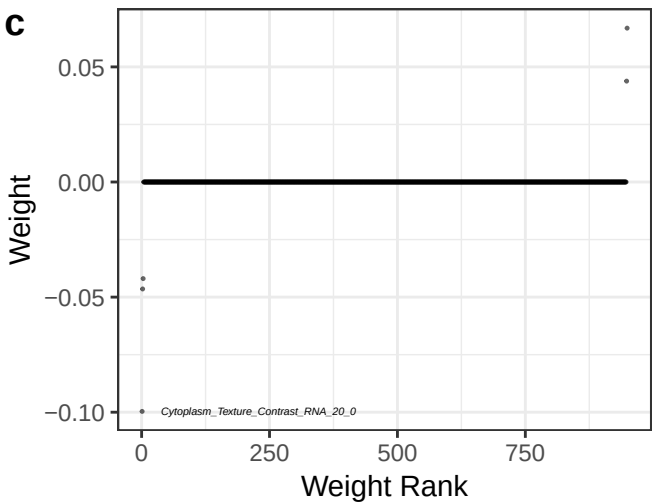
Performance: cc_cc_g1

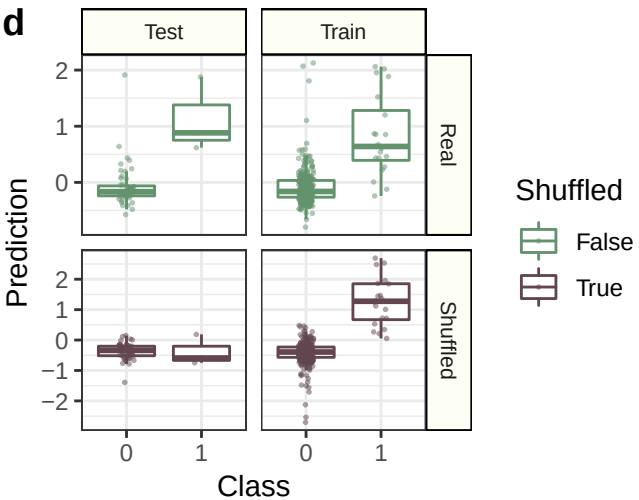




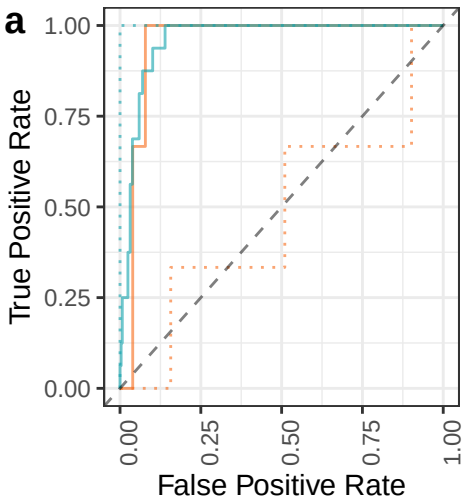


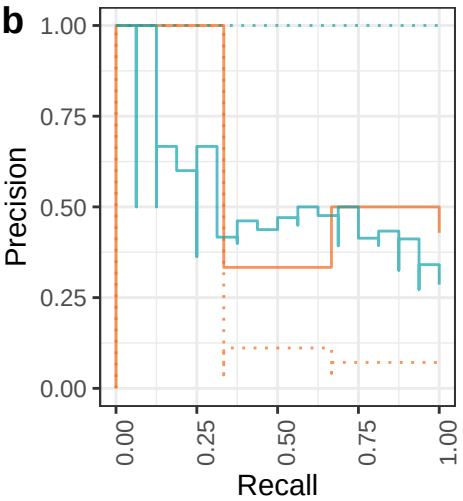
AUROC	AUPR	fit	shuffle	pos_n
0.91	0.51	Train	False	20
0.97	0.59	Test	False	20
0.99	0.94	Train	True	20
0.41	0.37	Test	True	20





Performance: cc_cc_g2

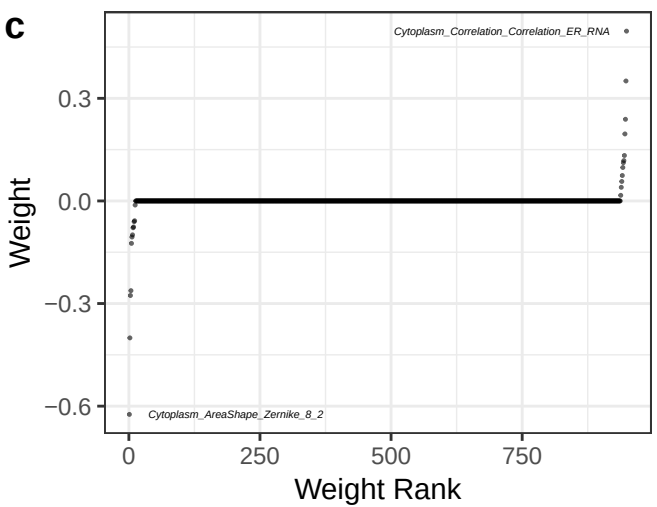


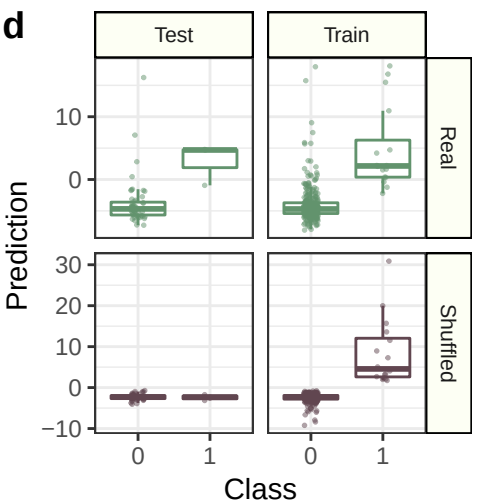


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.96	0.51	Train	False	16
0.95	0.42	Test	False	16
1.00	1.00	Train	True	16
0.48	0.08	Test	True	16



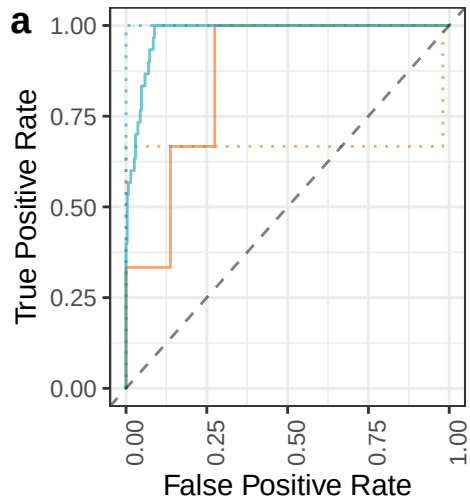


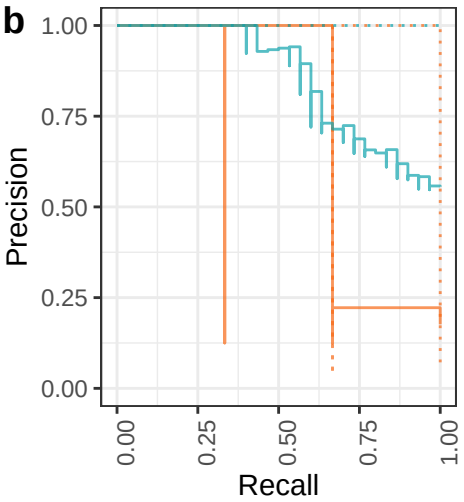
Shuffled

False

True

Performance: cc_cc_n_spots_h2ax_mean

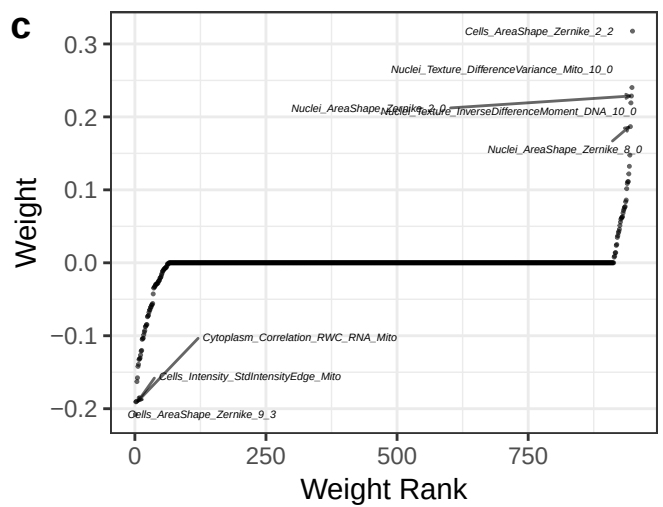


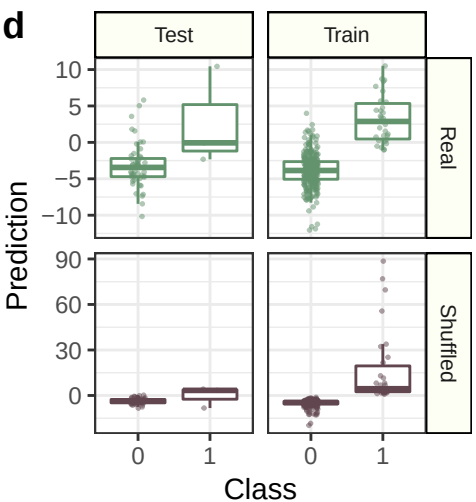


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.98	0.84	Train	False	30
0.86	0.47	Test	False	30
1.00	1.00	Train	True	30
0.67	0.69	Test	True	30



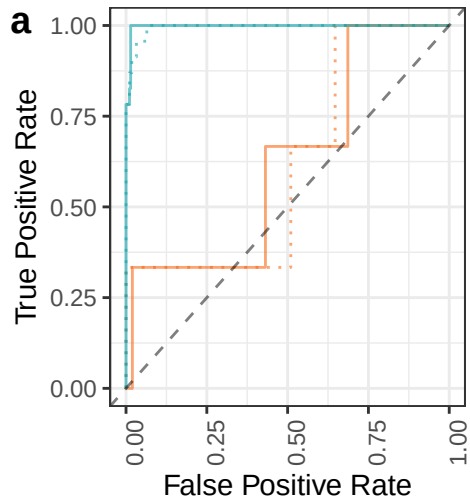


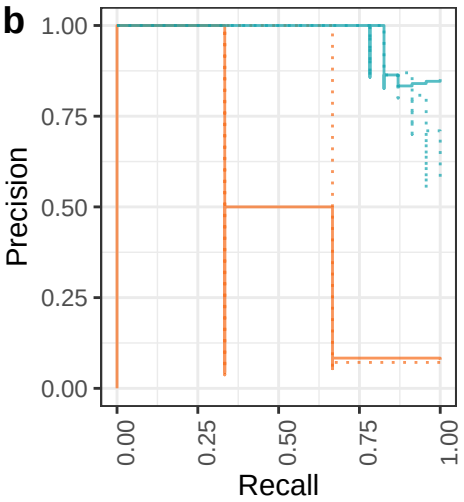
Shuffled

False

True

Performance: cc_g2_high_h2ax

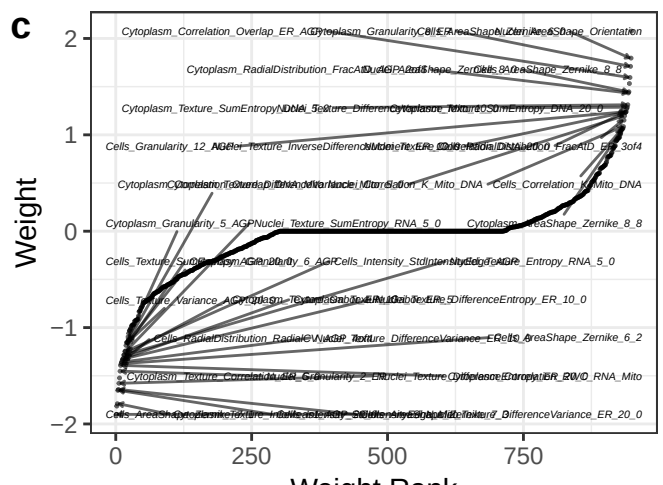


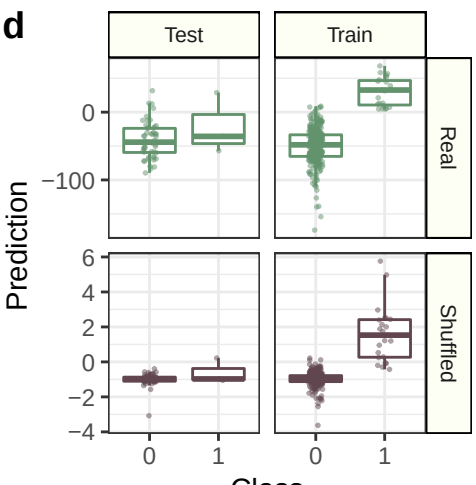


Data: Real Shuffled

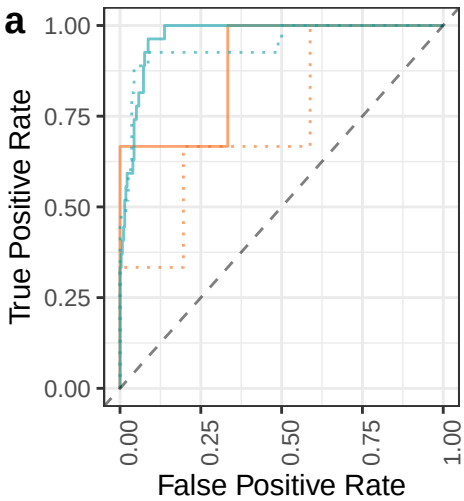
Fit: Test Train

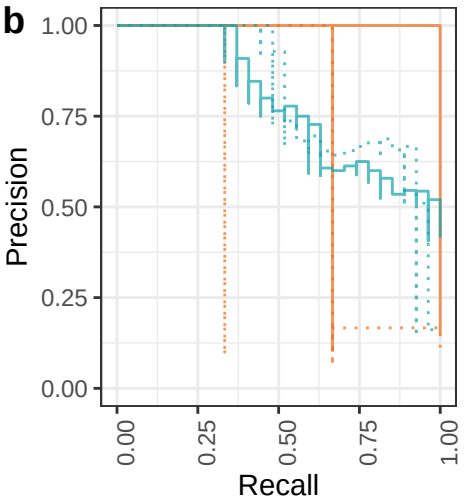
AUROC	AUPR	fit	shuffle	pos_n
1.00	0.97	Train	False	23
0.62	0.22	Test	False	23
0.99	0.95	Train	True	23
0.61	0.38	Test	True	23





Performance: cc_g2_n_spots_h2ax_per_nucleus_area_mean

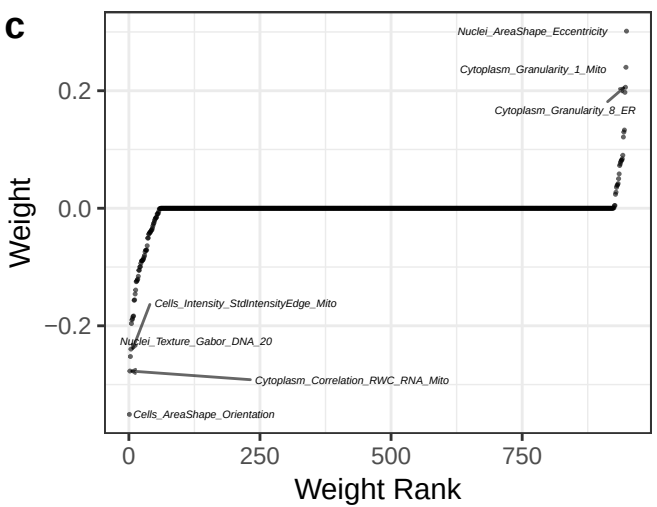


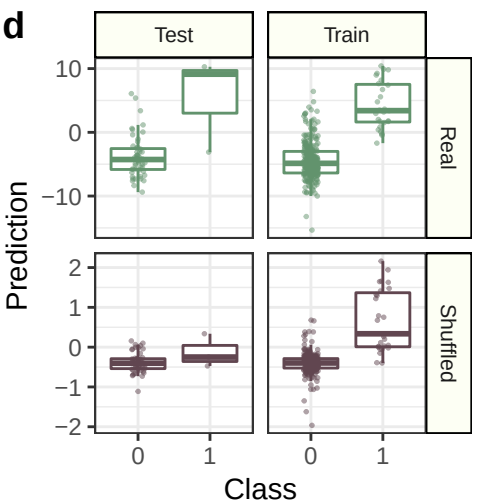


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.97	0.77	Train	False	27
0.89	0.72	Test	False	27
0.95	0.78	Train	True	27
0.74	0.42	Test	True	27



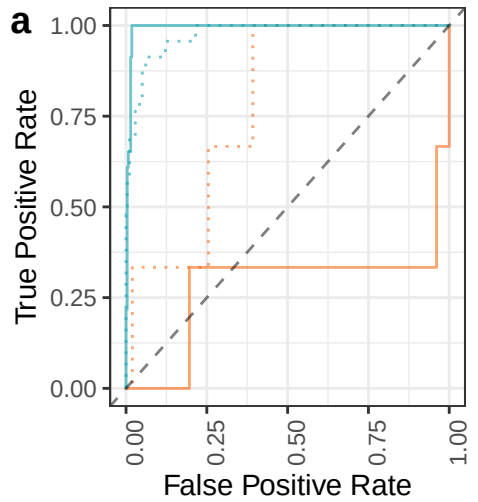


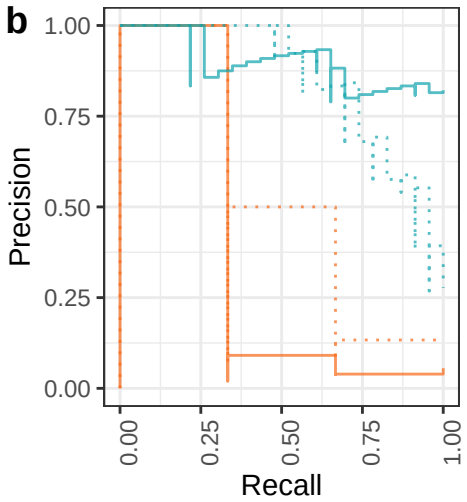
Shuffled

False

True

Performance: cc_mitosis_n_spots_h2ax_mean

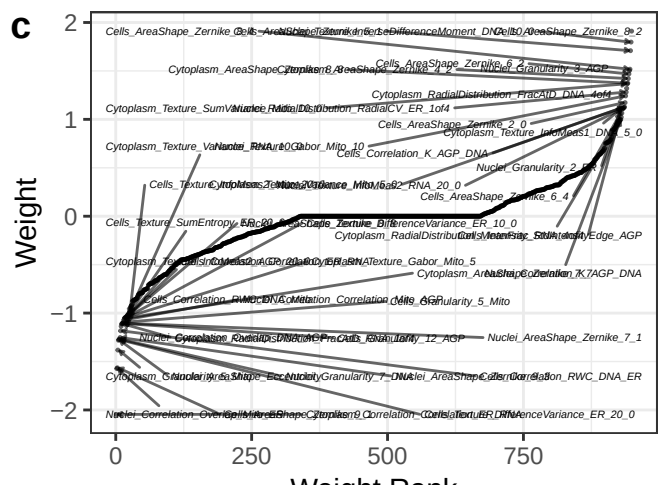


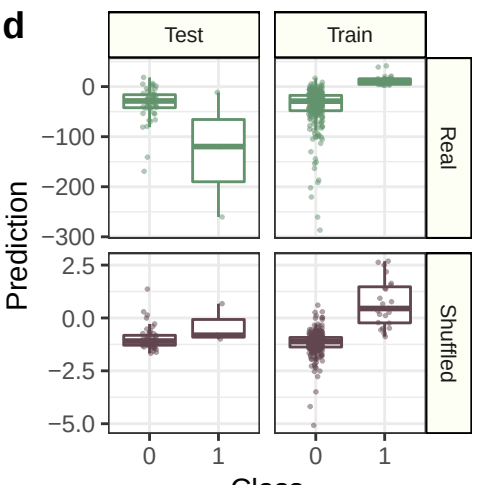


Data: Real Shuffled

Fit: Test Train

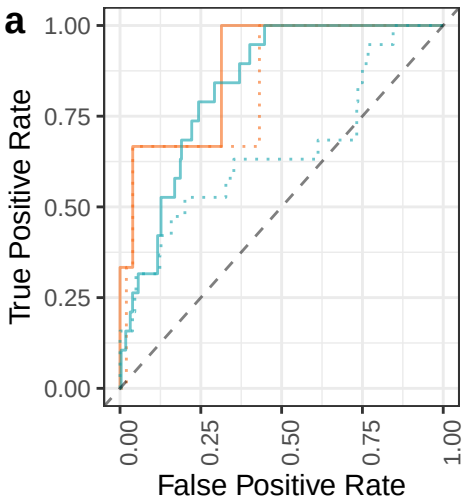
AUROC	AUPR	fit	shuffle	pos_n
0.99	0.89	Train	False	23
0.28	0.06	Test	False	23
0.97	0.83	Train	True	23
0.78	0.25	Test	True	23

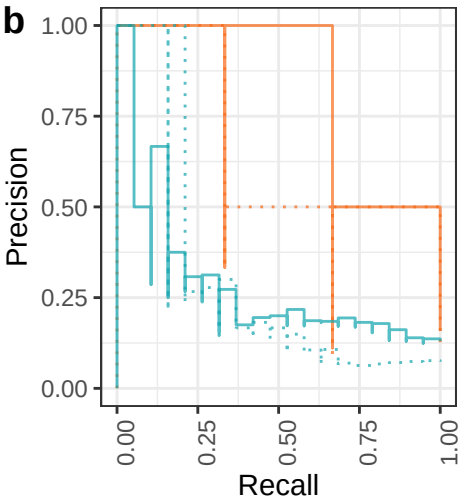


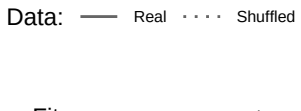


Shuffled
False
True

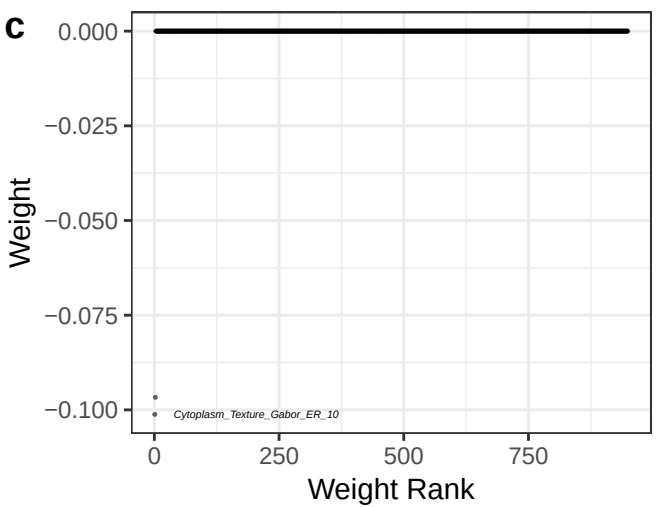
Performance: cc_polynuclear_n_spots_h2ax_per_nucleus_area_mean

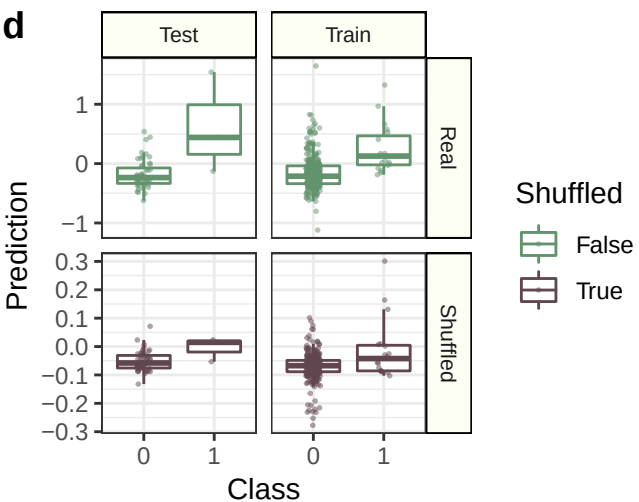




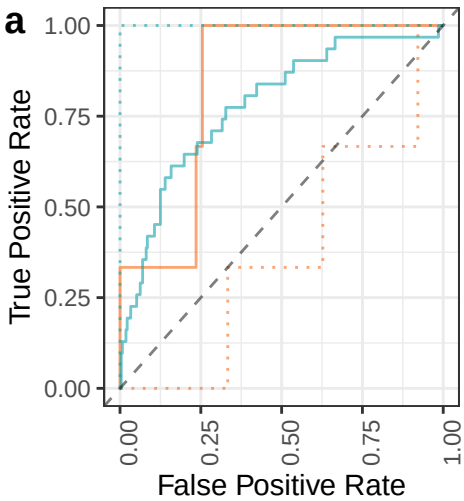


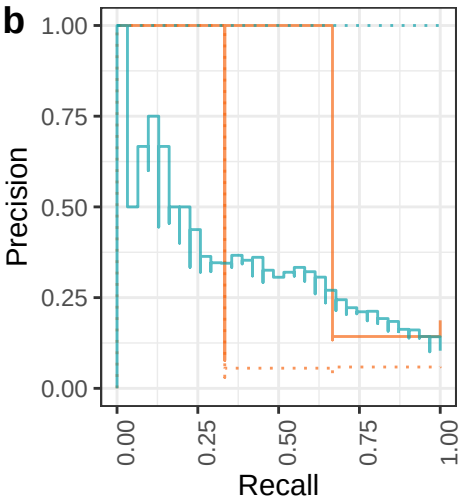
AUROC	AUPR	fit	shuffle	pos_n
0.83	0.25	Train	False	19
0.88	0.55	Test	False	19
0.65	0.27	Train	True	19
0.84	0.37	Test	True	19





Performance: cc_polyploid_n_spots_h2ax_mean

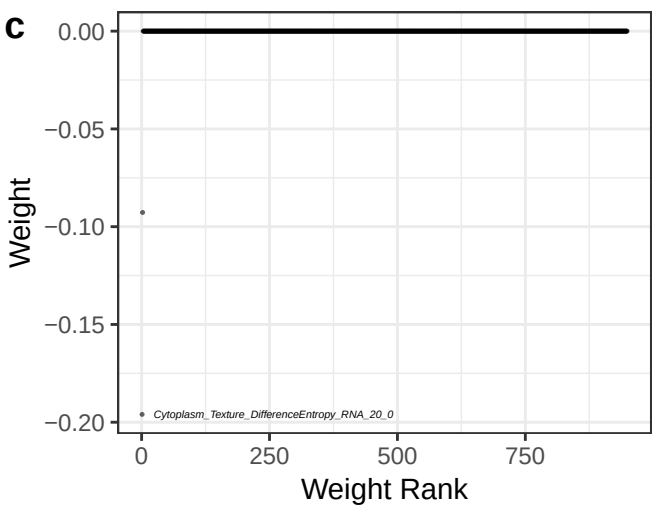


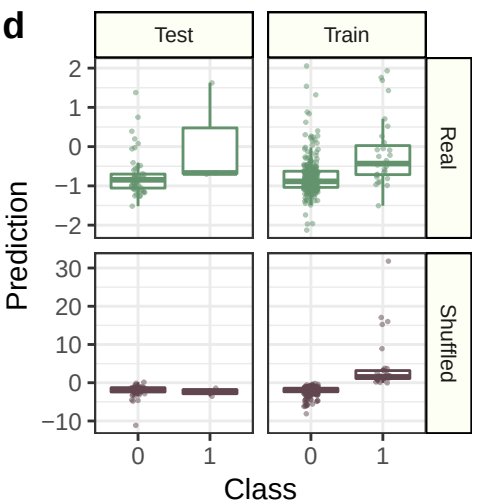


Data: Real Shuffled

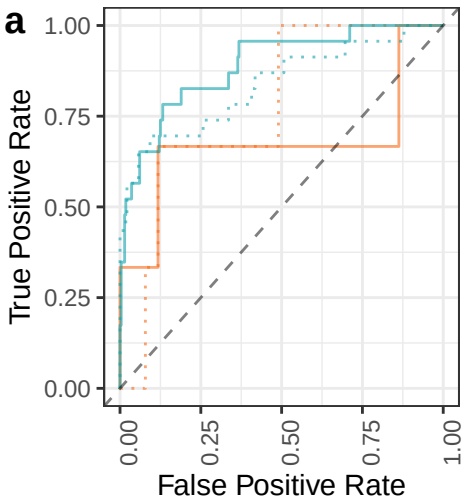
Fit: Test Train

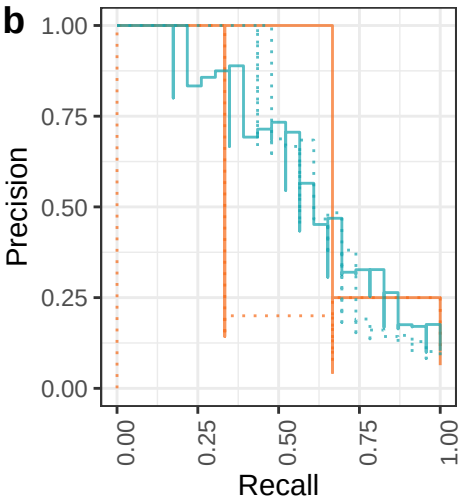
AUROC	AUPR	fit	shuffle	pos_n
0.78	0.33	Train	False	31
0.84	0.44	Test	False	31
1.00	1.00	Train	True	31
0.37	0.06	Test	True	31





Performance: cc_s_n_spots_h2ax_mean

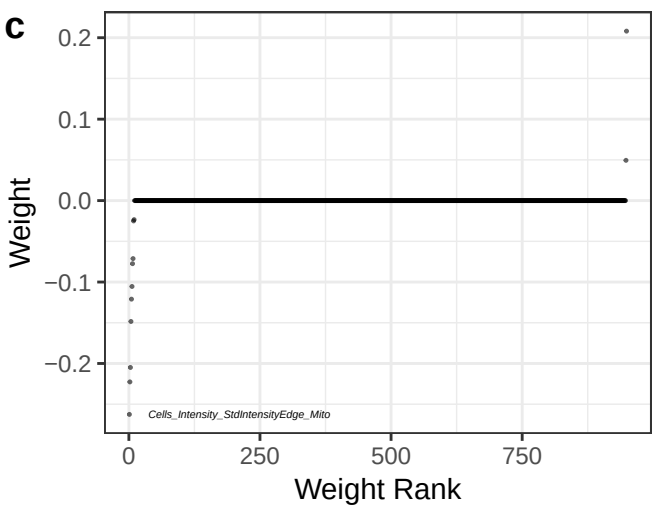


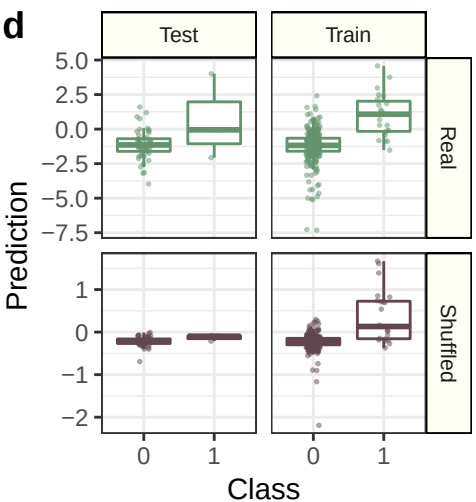


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.89	0.59	Train	False	23
0.67	0.44	Test	False	23
0.84	0.62	Train	True	23
0.77	0.19	Test	True	23



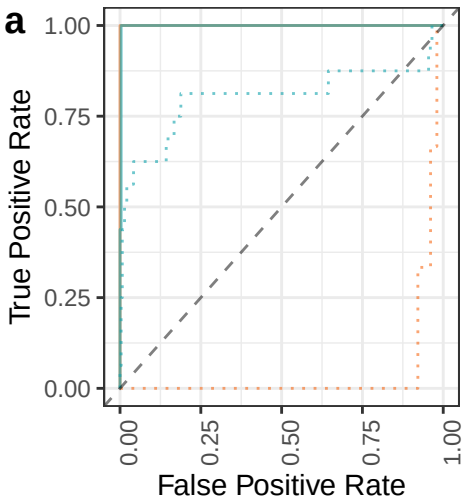


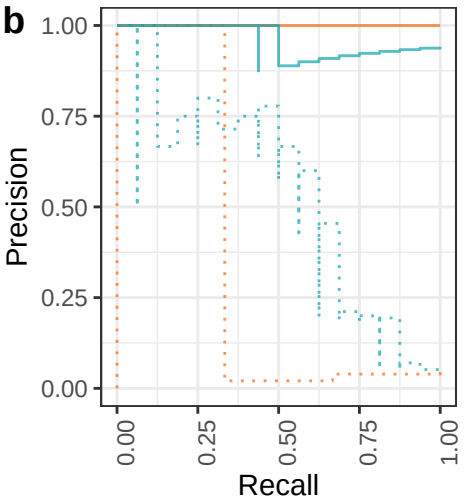
Shuffled

False

True

Performance: vb_percent_dead

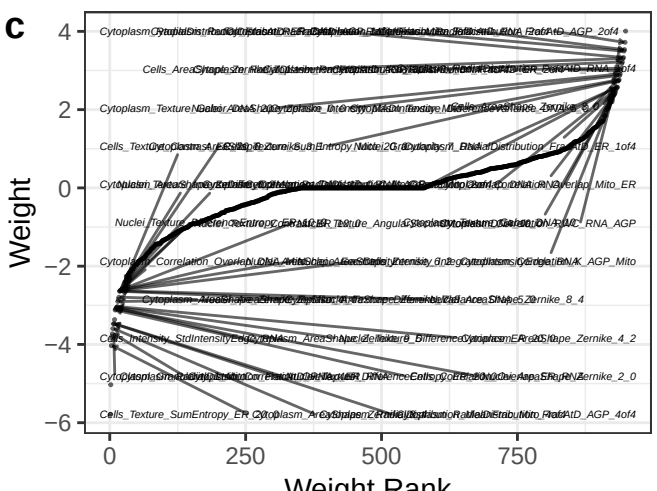


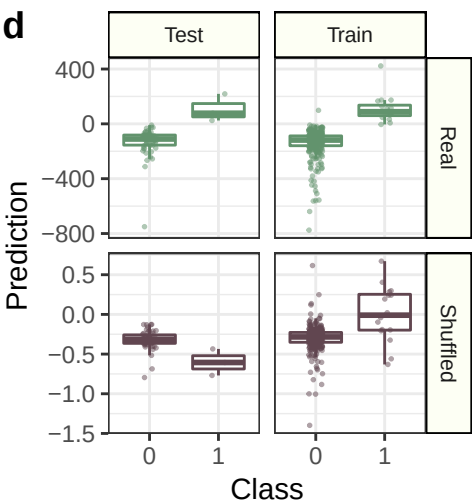


Data: Real Shuffled

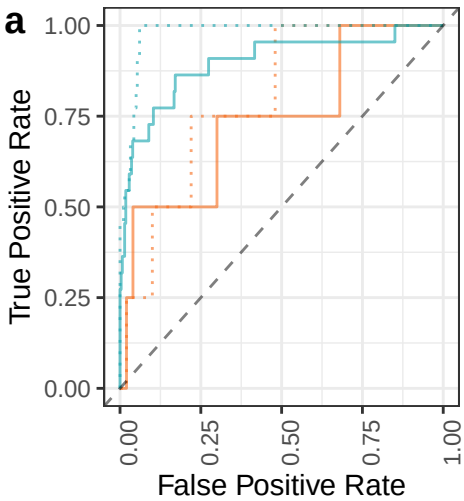
Fit: Test Train

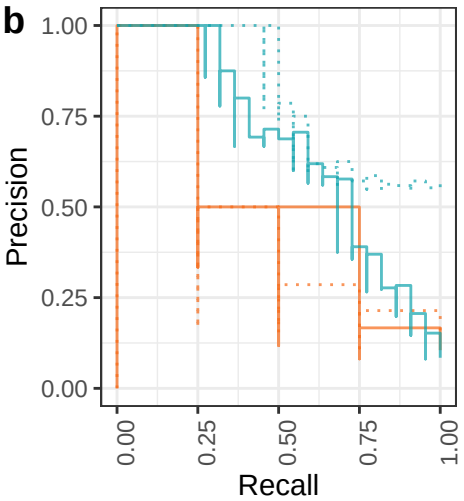
AUROC	AUPR	fit	shuffle	pos_n
1.00	0.95	Train	False	16
1.00	1.00	Test	False	16
0.80	0.50	Train	True	16
0.05	0.04	Test	True	16





Performance: cc_cc_high_h2ax

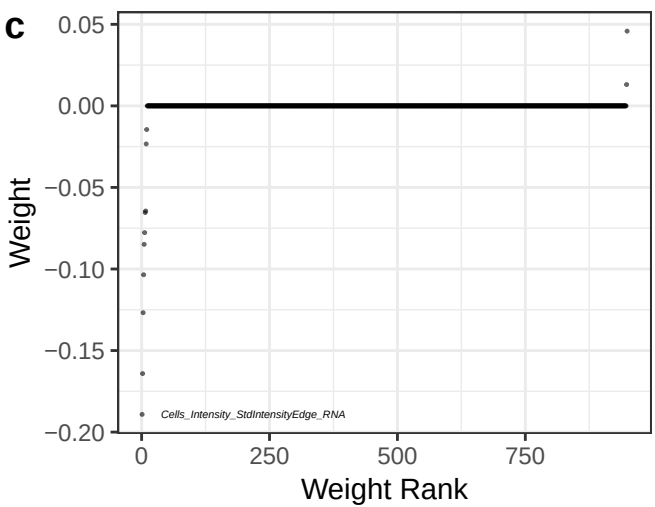


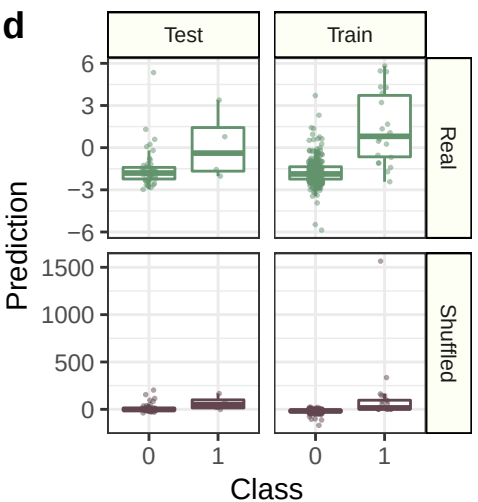


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.90	0.64	Train	False	22
0.74	0.32	Test	False	22
0.98	0.79	Train	True	22
0.80	0.29	Test	True	22



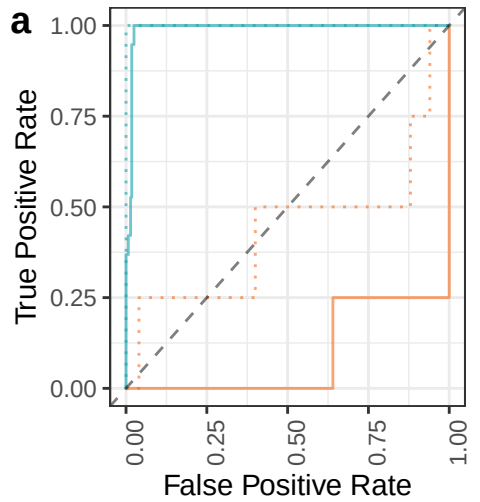


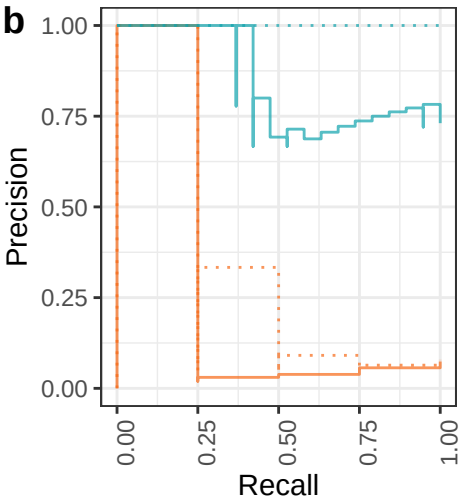
Shuffled

False

True

Performance: cc_early_mitosis_n_spots_h2ax_mean

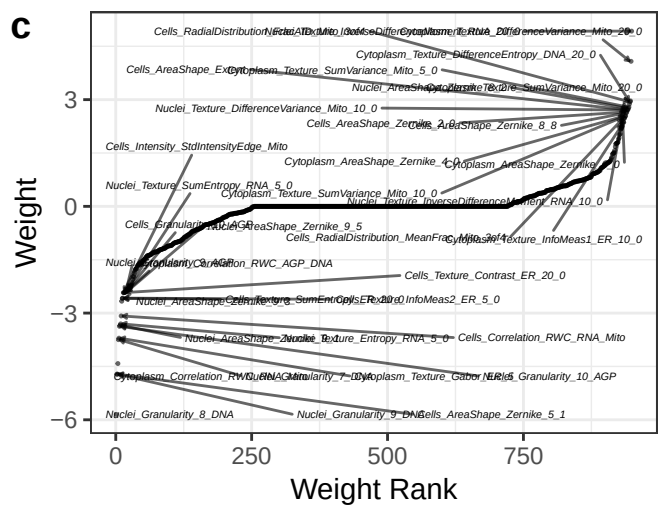


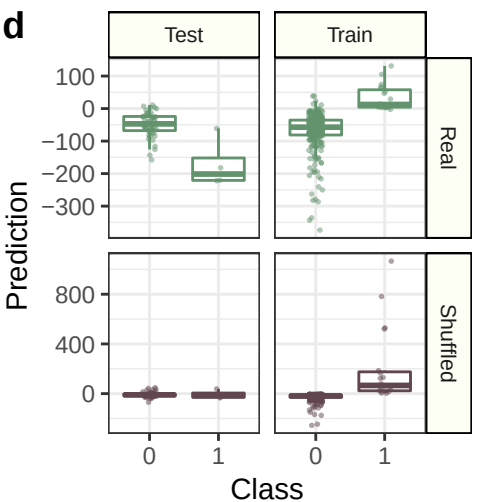


Data: Real Shuffled

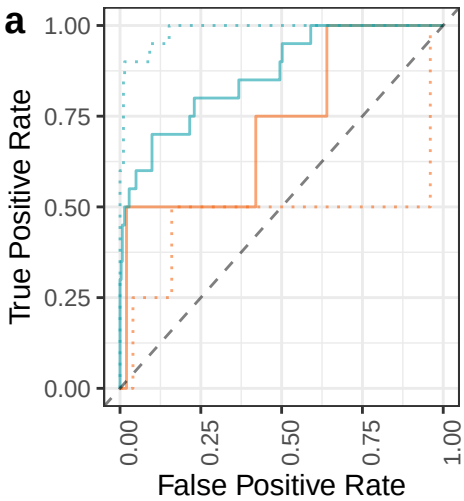
Fit: Test Train

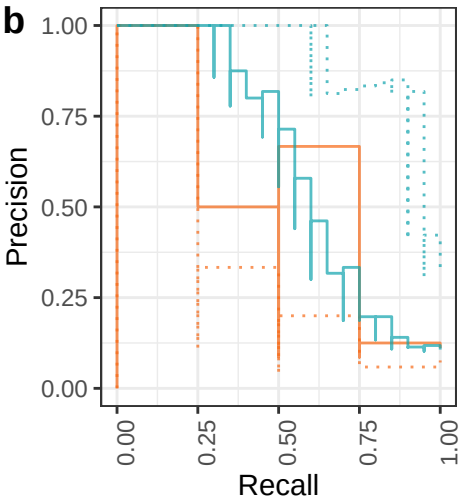
AUROC	AUPR	fit	shuffle	pos_n
0.99	0.83	Train	False	19
0.09	0.05	Test	False	19
1.00	1.00	Train	True	19
0.44	0.14	Test	True	19





Performance: cc_g1_high_h2ax

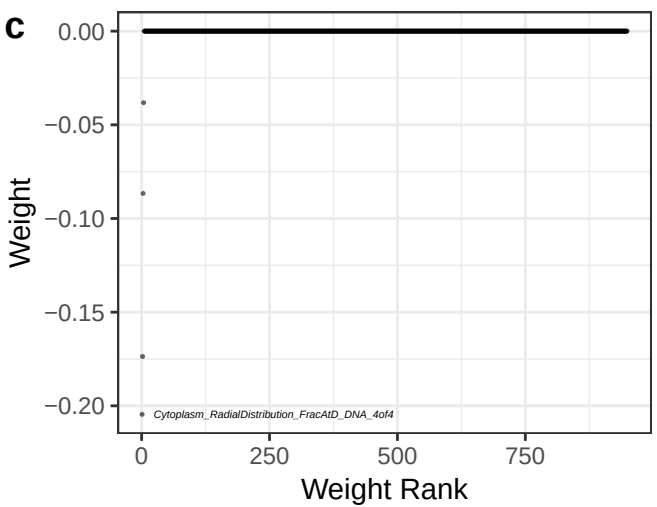


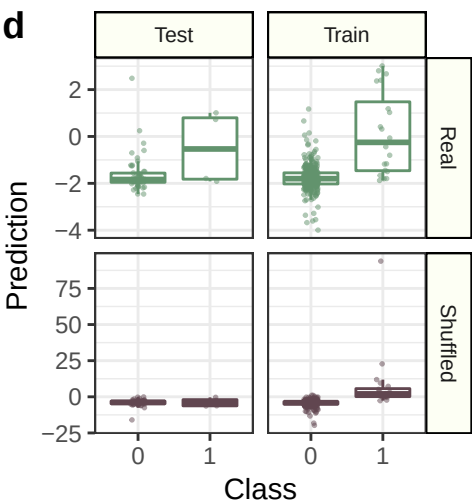


Data: Real Shuffled

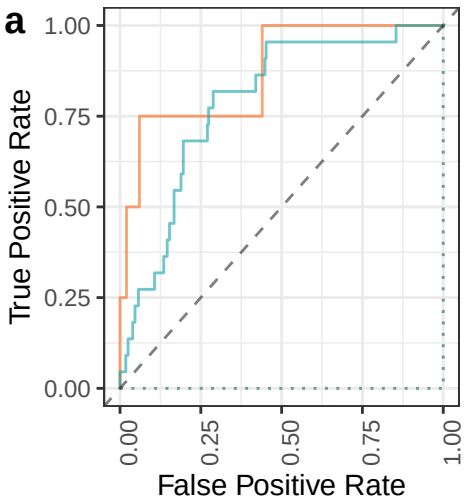
Fit: Test Train

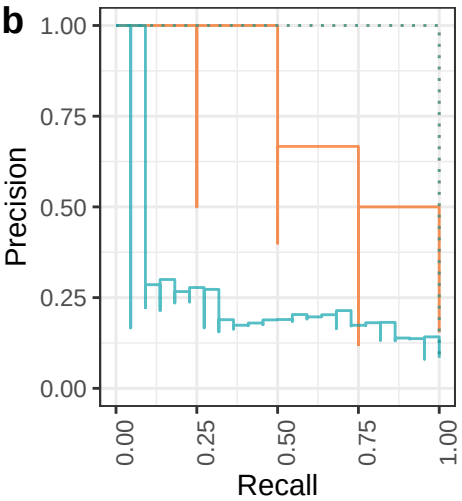
AUROC	AUPR	fit	shuffle	pos_n
0.86	0.59	Train	False	20
0.72	0.35	Test	False	20
0.98	0.89	Train	True	20
0.47	0.17	Test	True	20





Performance: cc_mitosis_n_objects

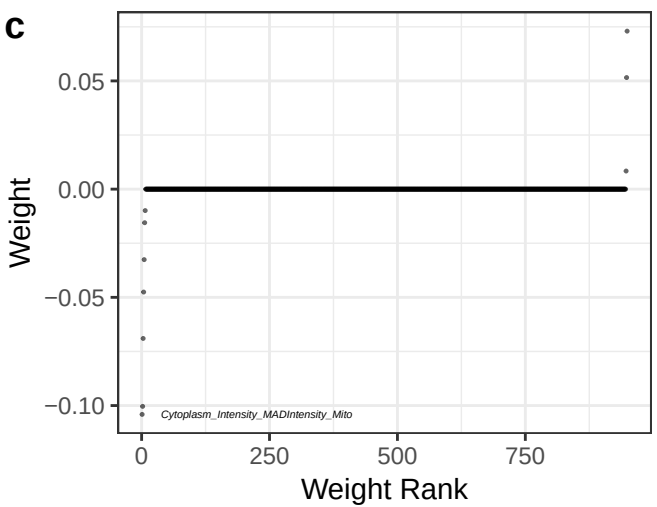


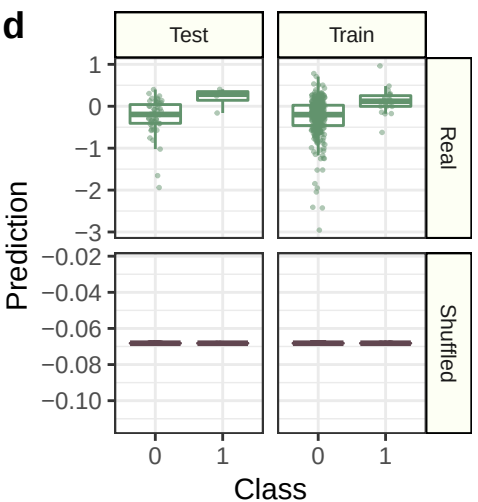


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.79	0.24	Train	False	22
0.87	0.58	Test	False	22
0.50	0.07	Train	True	22
0.50	0.07	Test	True	22



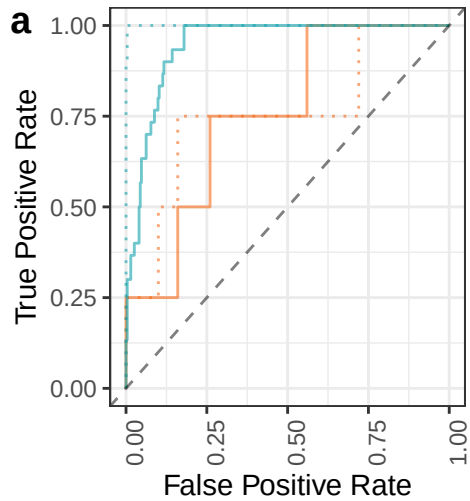


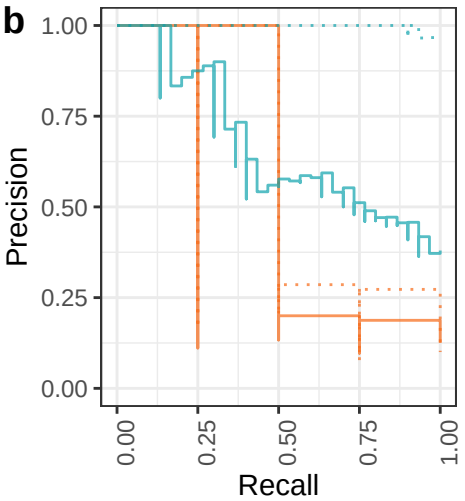
Shuffled

False

True

Performance: cc_polyploid_high_h2ax

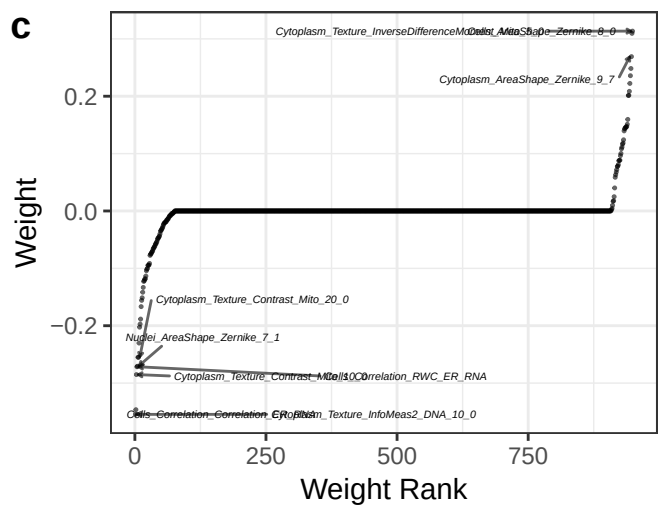


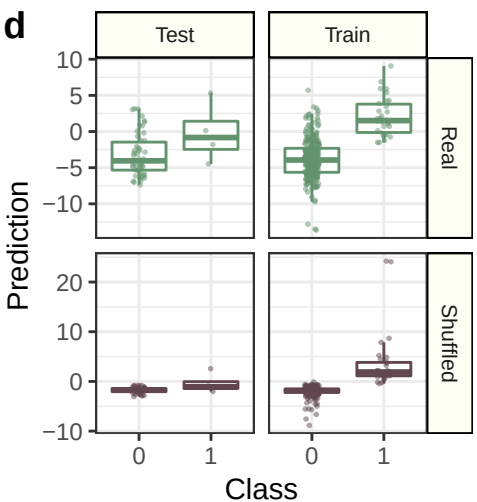


Data: Real Shuffled

Fit: Test Train

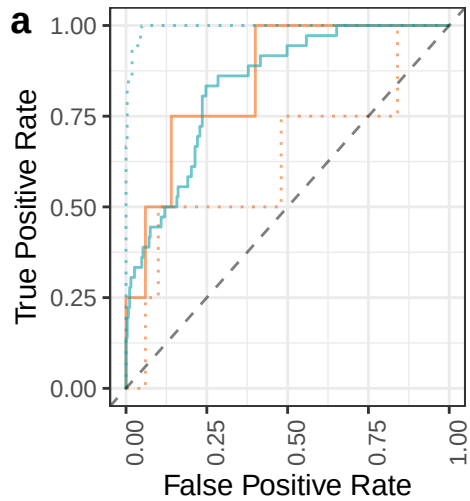
AUROC	AUPR	fit	shuffle	pos_n
0.95	0.65	Train	False	30
0.76	0.38	Test	False	30
1.00	1.00	Train	True	30
0.76	0.41	Test	True	30

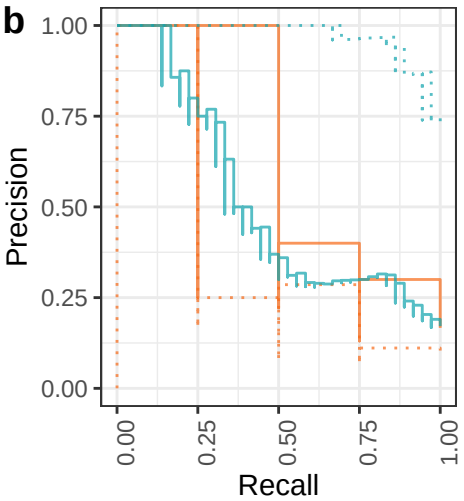


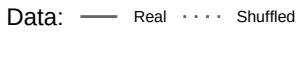


Shuffled
False
True

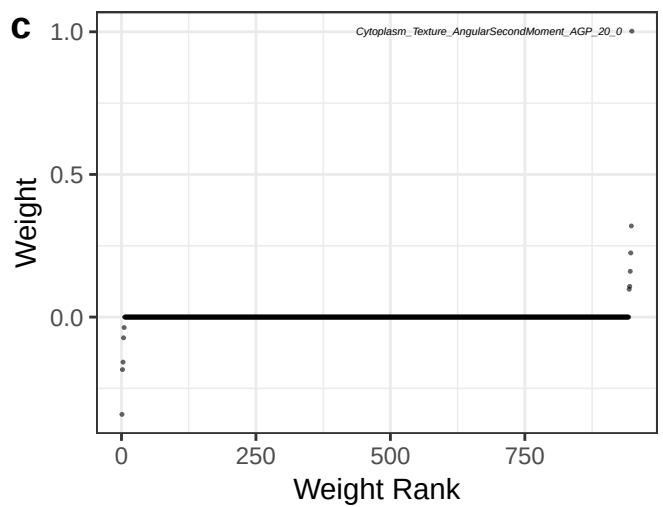
Performance: cc_polyploid_n_spots_h2ax_per_nucleus_area_mean

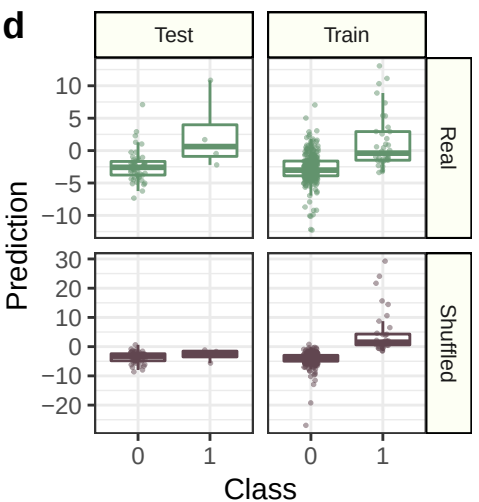


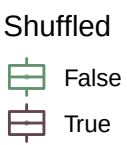




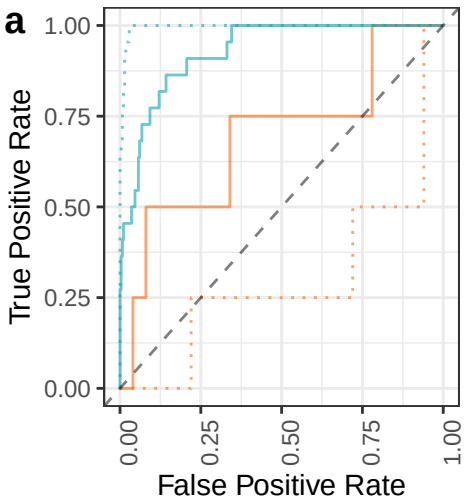
AUROC	AUPR	fit	shuffle	pos_n
0.84	0.50	Train	False	36
0.85	0.47	Test	False	36
1.00	0.97	Train	True	36
0.63	0.18	Test	True	36

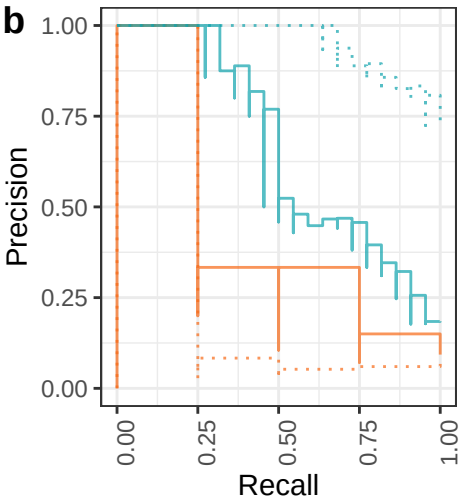






Performance: cc_s_high_h2ax

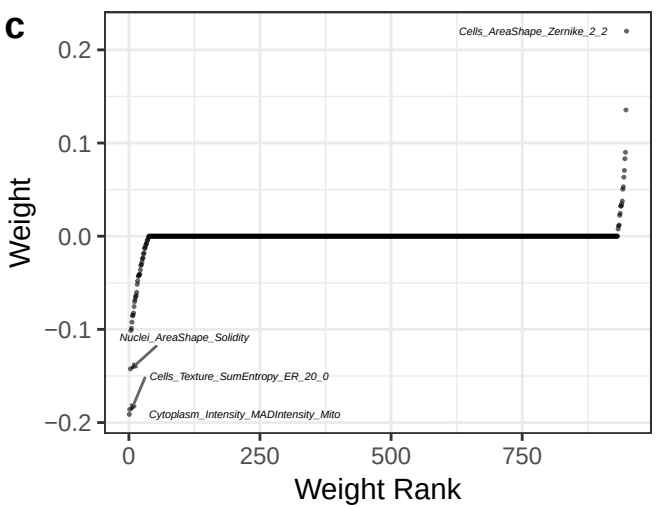


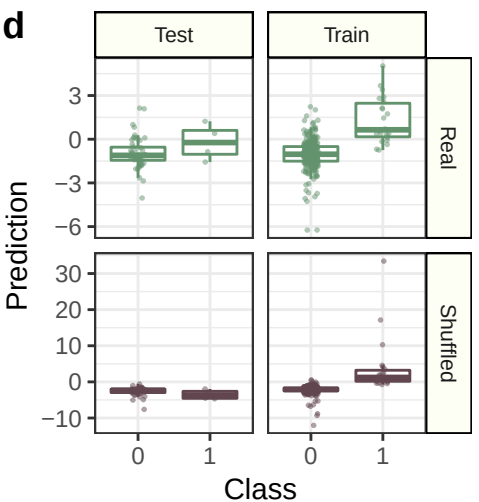


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.93	0.63	Train	False	22
0.69	0.23	Test	False	22
1.00	0.94	Train	True	22
0.30	0.07	Test	True	22



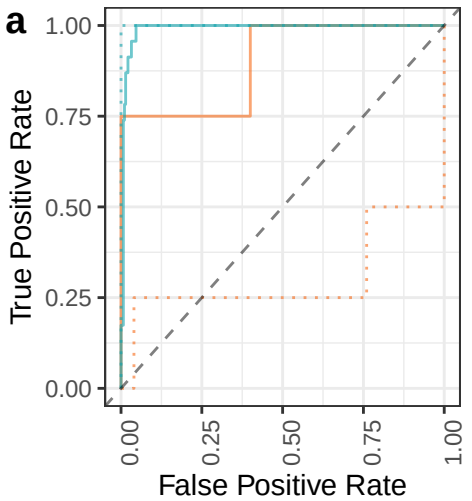


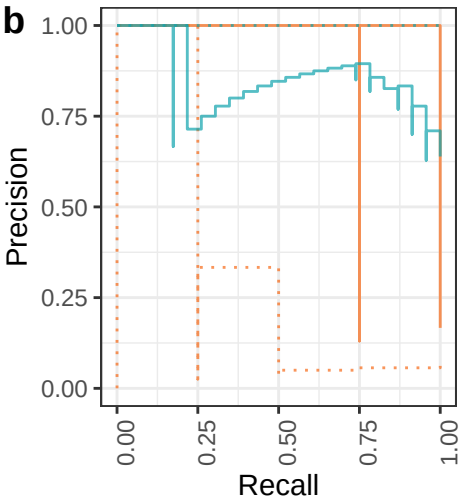
Shuffled

False

True

Performance: vb_percent_dead_only

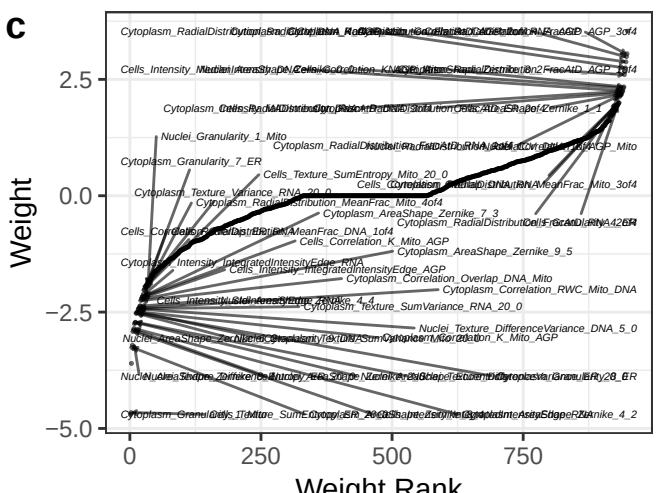


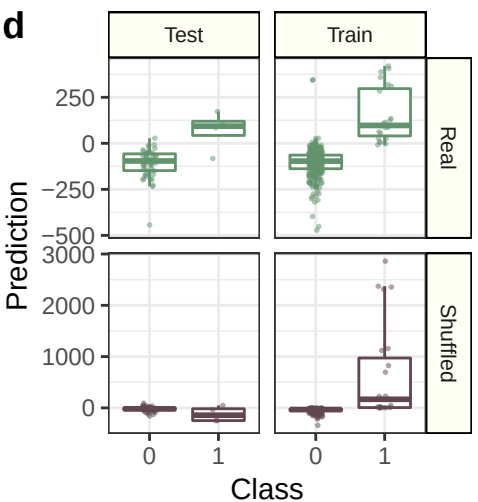


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.99	0.85	Train	False	23
0.90	0.79	Test	False	23
1.00	1.00	Train	True	23
0.30	0.13	Test	True	23



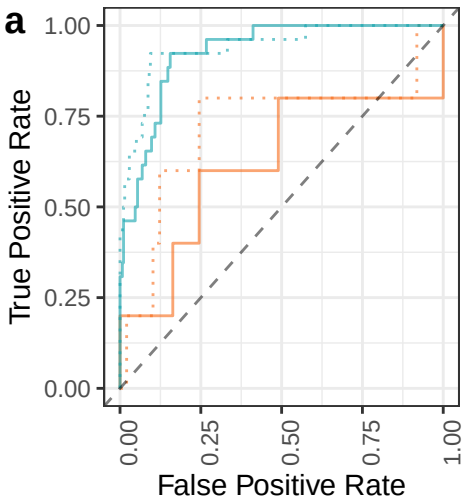


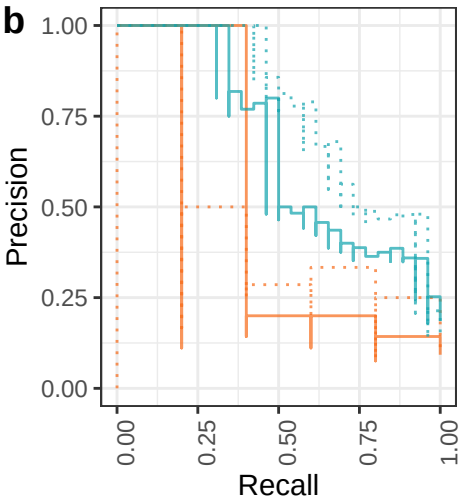
Shuffled

False

True

Performance: cc_all_n_spots_h2ax_mean

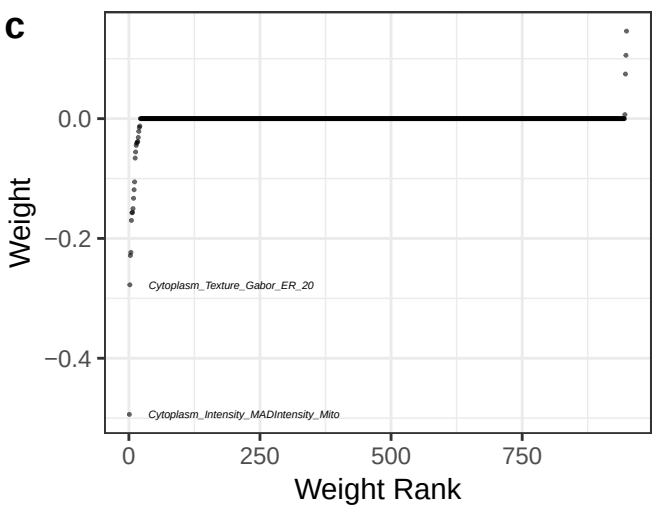


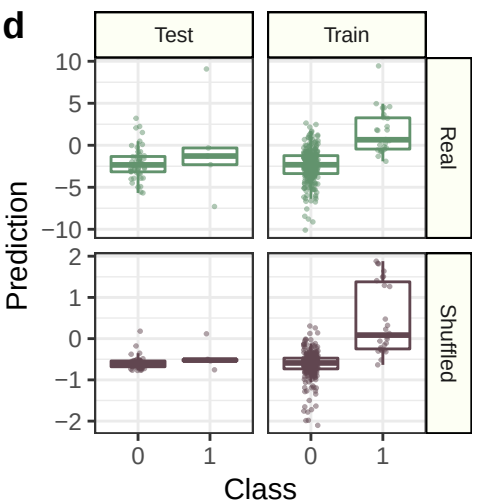


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.93	0.64	Train	False	26
0.62	0.33	Test	False	26
0.94	0.75	Train	True	26
0.72	0.29	Test	True	26



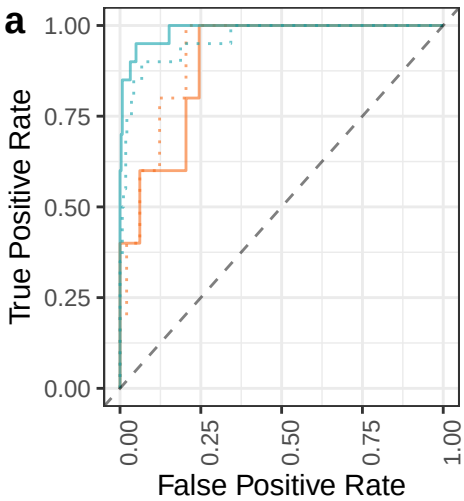


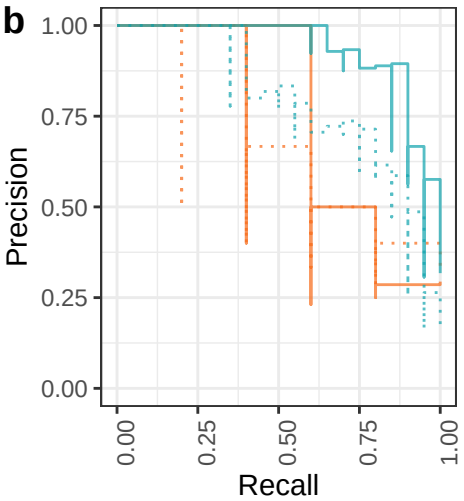
Shuffled

False

True

Performance: cc_all_nucleus_area_mean

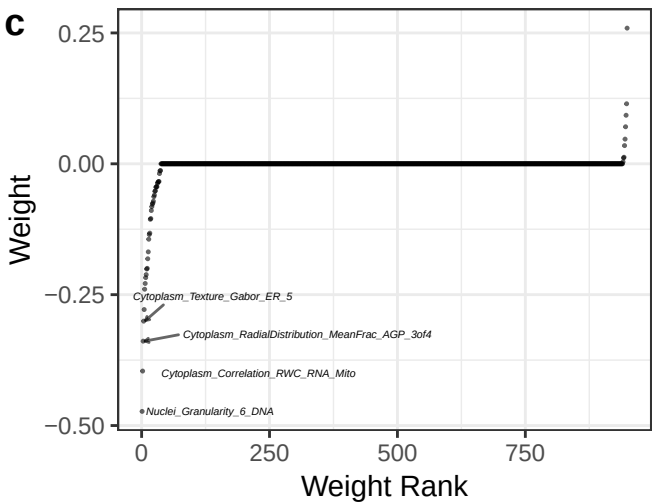


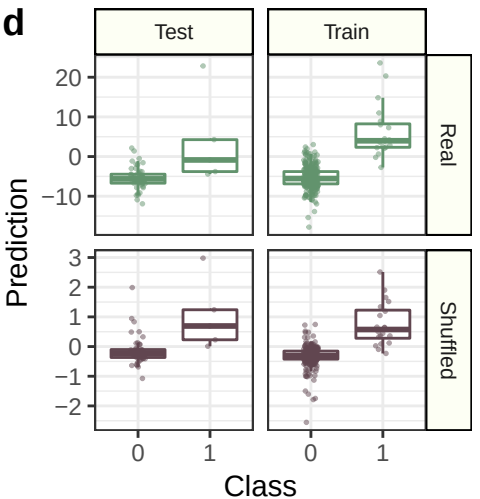


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.99	0.90	Train	False	20
0.90	0.62	Test	False	20
0.96	0.76	Train	True	20
0.92	0.58	Test	True	20



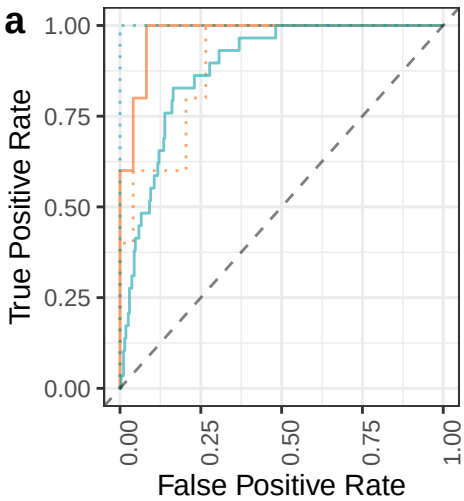


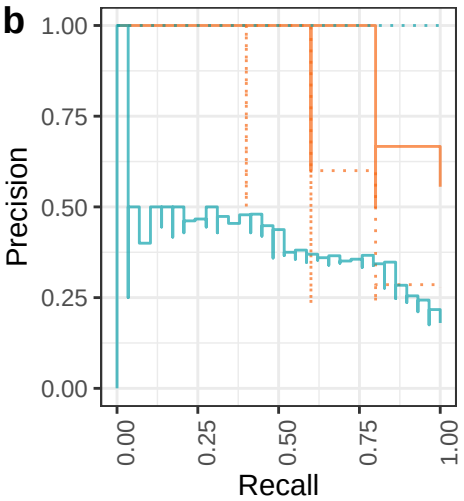
Shuffled

False

True

Performance: cc_cc_early_mitosis

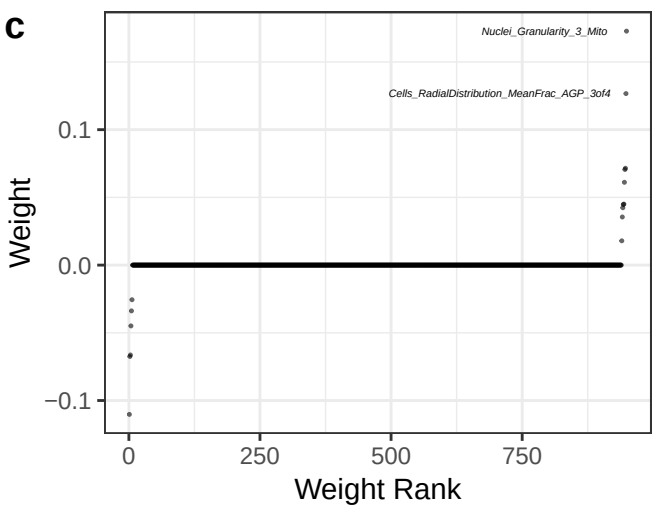


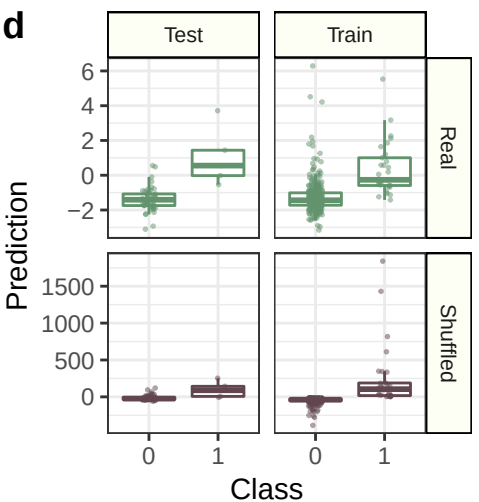


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.88	0.39	Train	False	29
0.98	0.84	Test	False	29
1.00	1.00	Train	True	29
0.90	0.63	Test	True	29



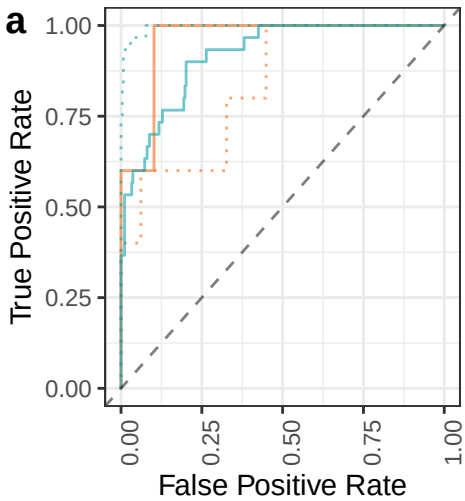


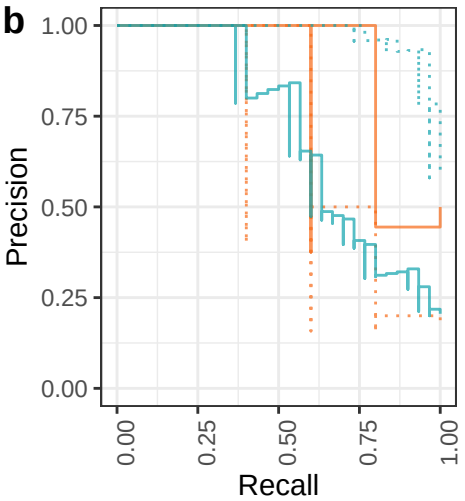
Shuffled

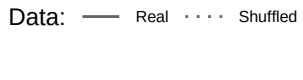
False

True

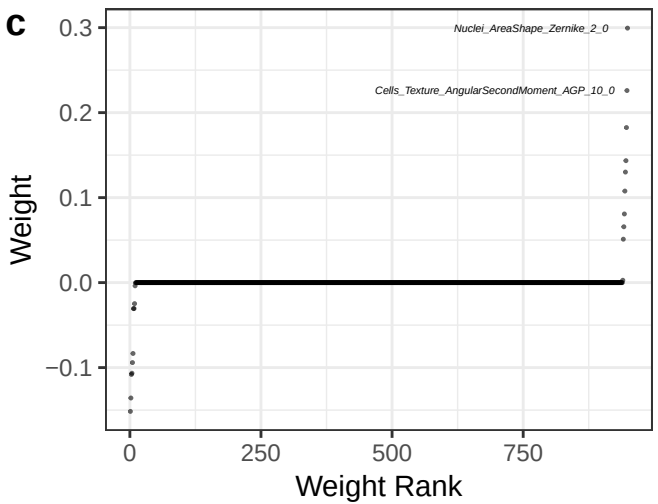
Performance: cc_cc_n_spots_h2ax_per_nucleus_area_mean

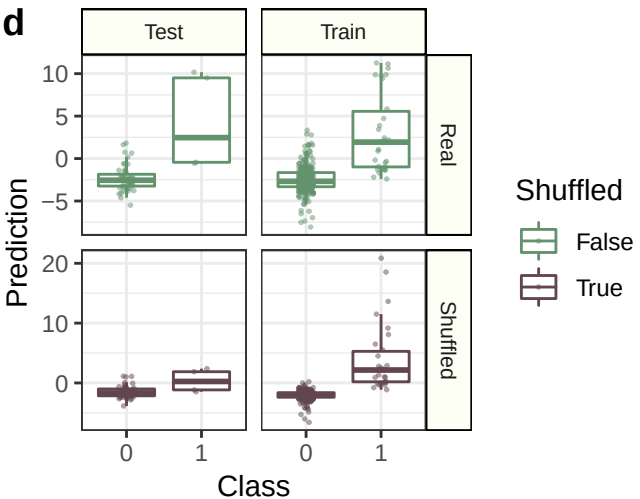




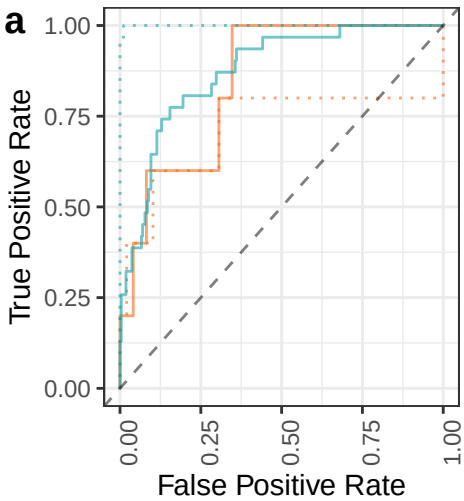


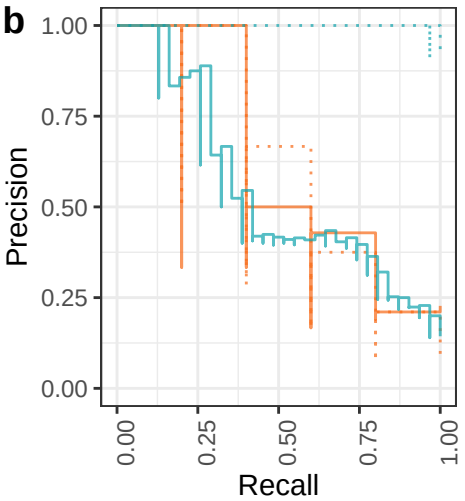
AUROC	AUPR	fit	shuffle	pos_n
0.92	0.69	Train	False	30
0.96	0.79	Test	False	30
1.00	0.97	Train	True	30
0.83	0.58	Test	True	30





Performance: cc_early_mitosis_n_spots_h2ax_per_nucleus_area_mean

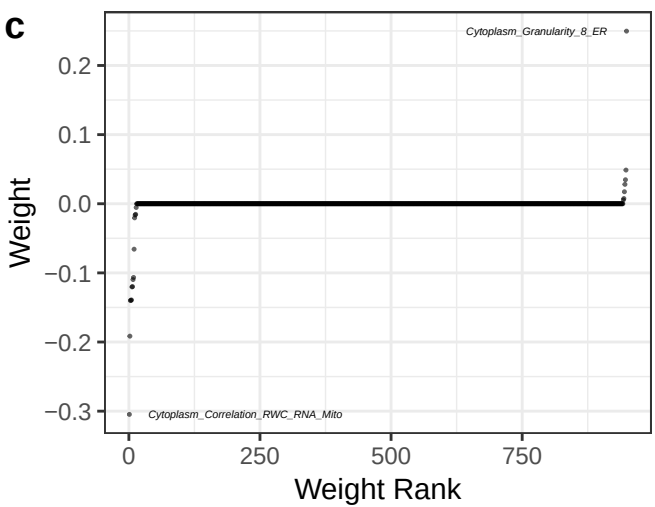


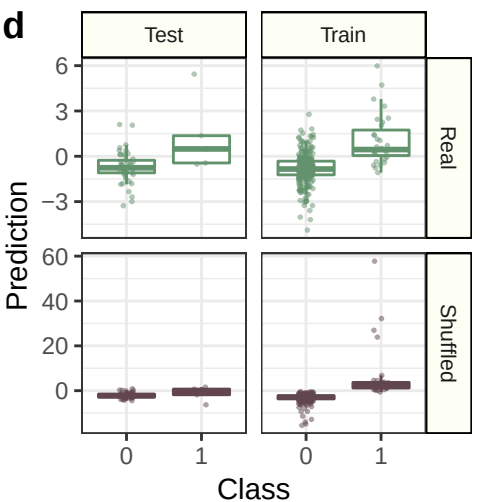


Data: Real Shuffled

Fit: Test Train

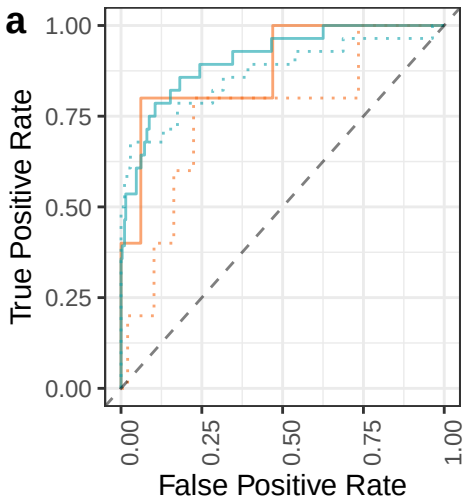
AUROC	AUPR	fit	shuffle	pos_n
0.87	0.53	Train	False	31
0.84	0.47	Test	False	31
1.00	1.00	Train	True	31
0.71	0.47	Test	True	31

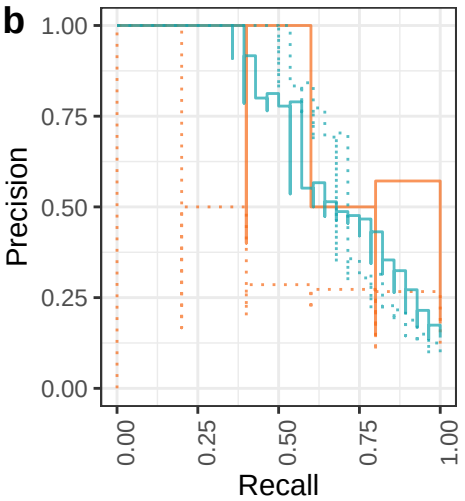




Shuffled
False
True

Performance: cc_g1_n_spots_h2ax_mean

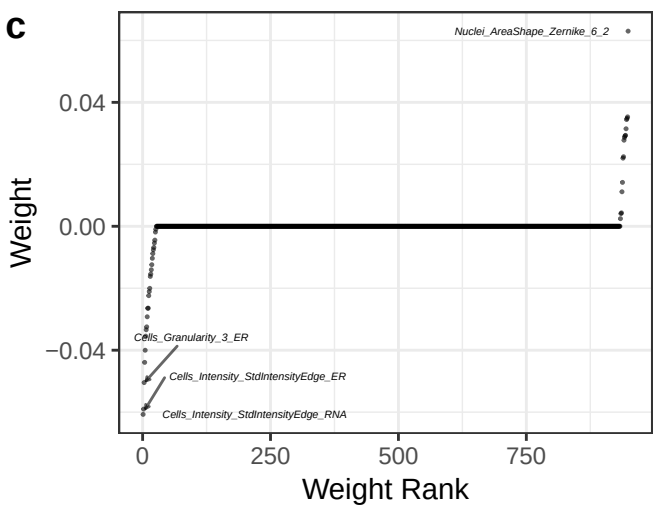


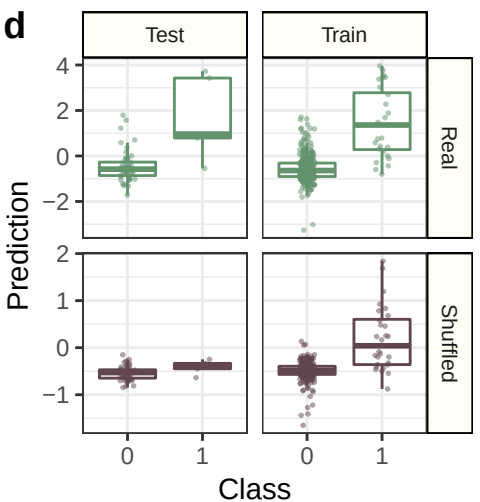


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.91	0.68	Train	False	28
0.88	0.65	Test	False	28
0.87	0.71	Train	True	28
0.75	0.29	Test	True	28



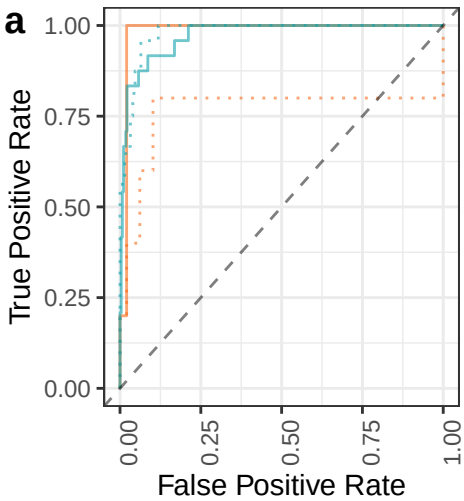


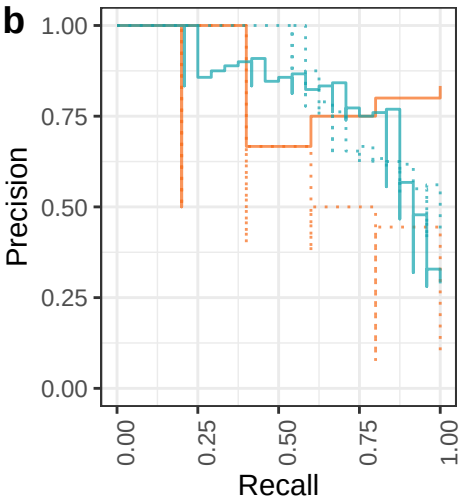
Shuffled

False

True

Performance: cc_g1_plus_g2_count

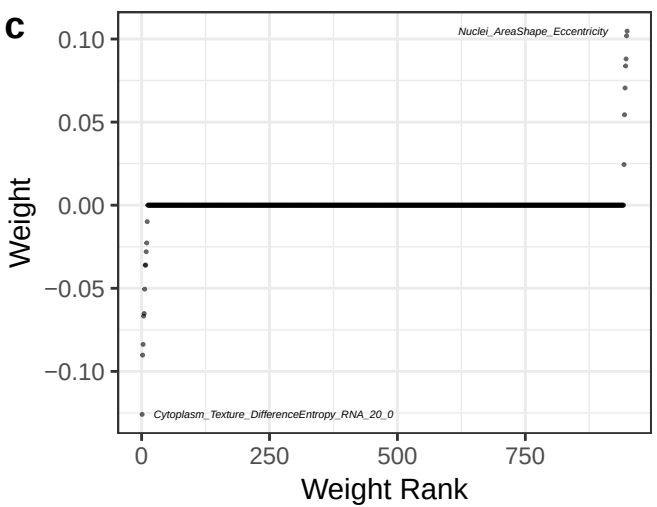


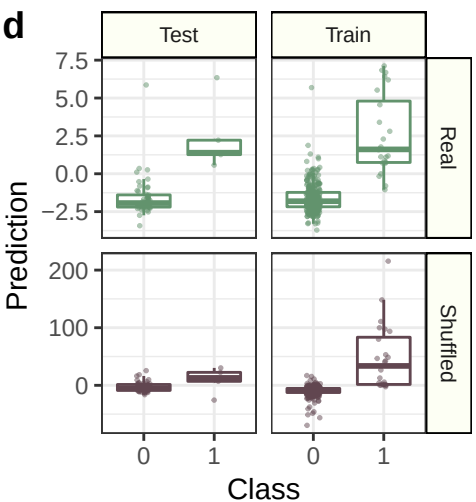


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.97	0.80	Train	False	24
0.98	0.81	Test	False	24
0.98	0.84	Train	True	24
0.76	0.54	Test	True	24



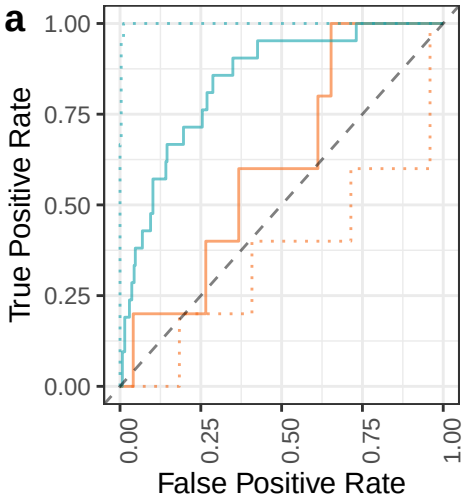


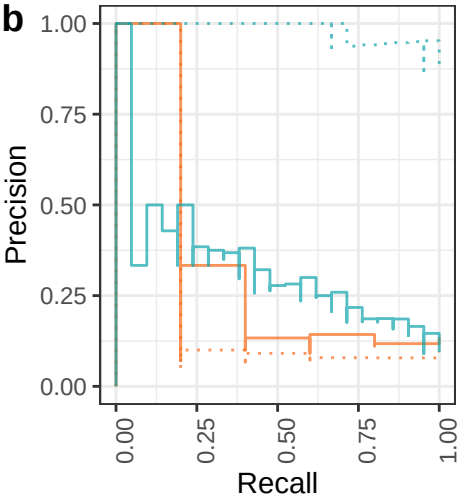
Shuffled

False

True

Performance: cc_late_mitosis_n_spots_h2ax_mean

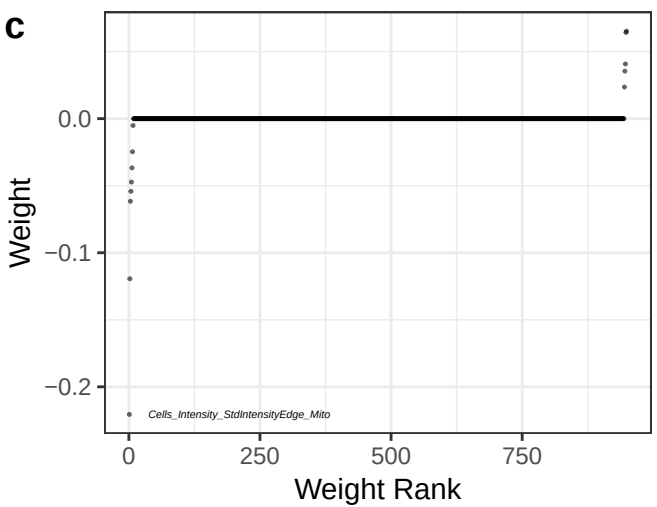


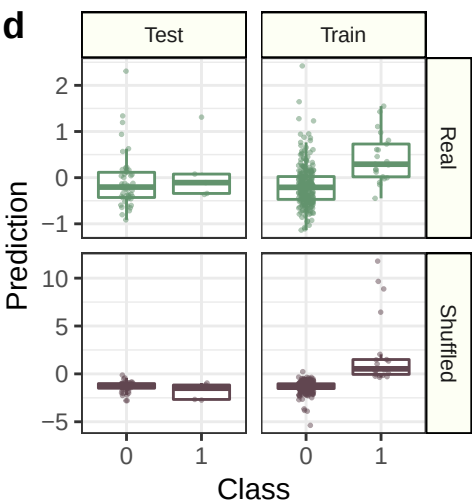


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.84	0.29	Train	False	21
0.61	0.17	Test	False	21
1.00	0.98	Train	True	21
0.36	0.09	Test	True	21



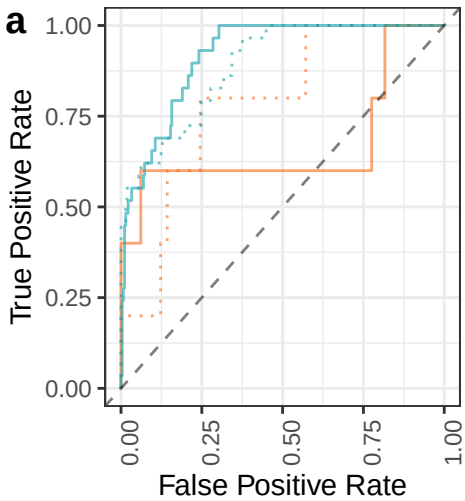


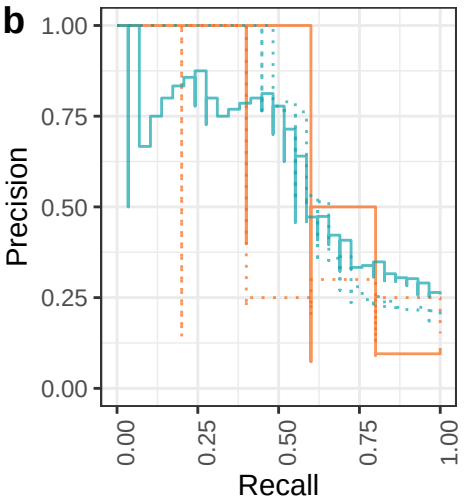
Shuffled

False

True

Performance: cc_s_n_spots_h2ax_per_nucleus_area_mean

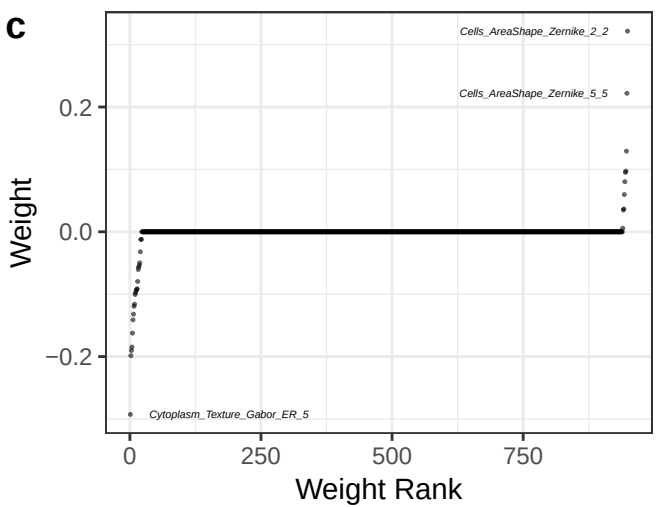


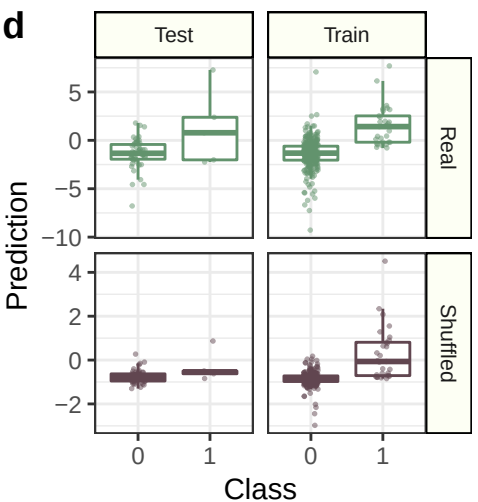


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.92	0.59	Train	False	29
0.67	0.54	Test	False	29
0.89	0.66	Train	True	29
0.78	0.39	Test	True	29



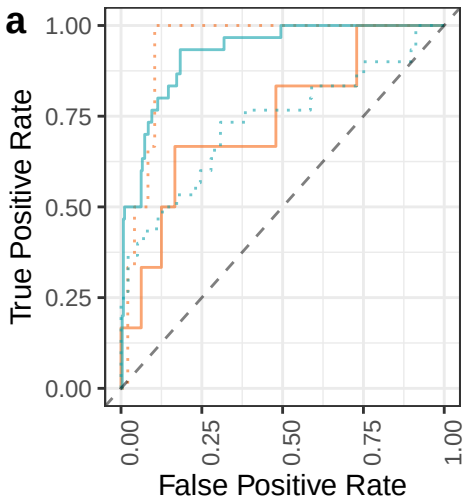


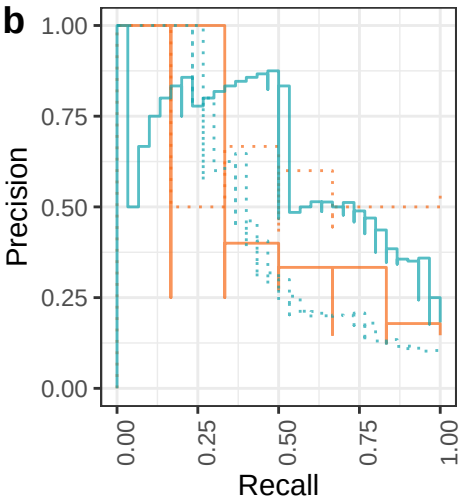
Shuffled

False

True

Performance: cc_all_high_h2ax

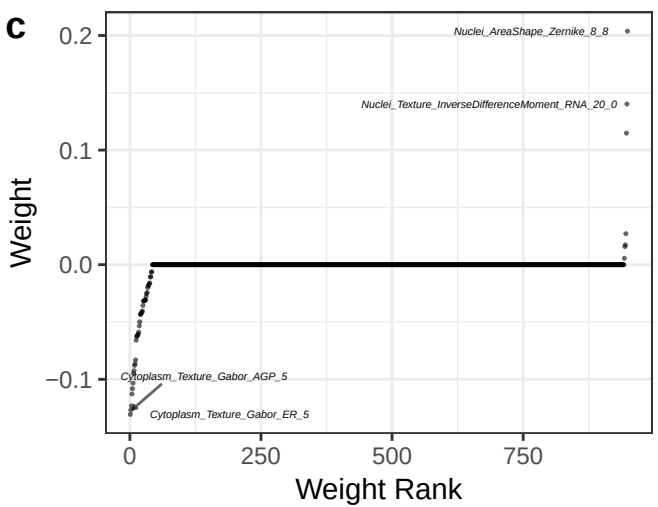


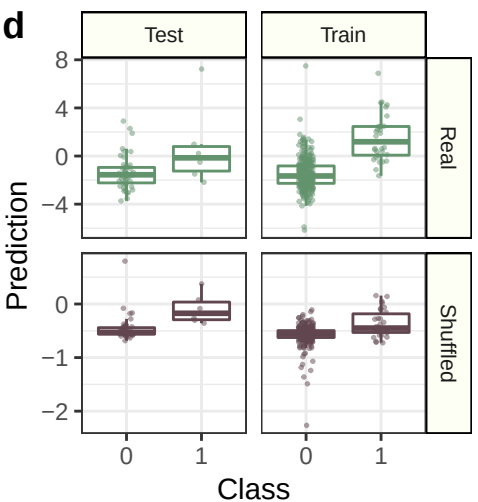


Data: Real Shuffled

Fit: Test Train

AUROC	AUPR	fit	shuffle	pos_n
0.92	0.61	Train	False	30
0.74	0.40	Test	False	30
0.73	0.45	Train	True	30
0.94	0.55	Test	True	30



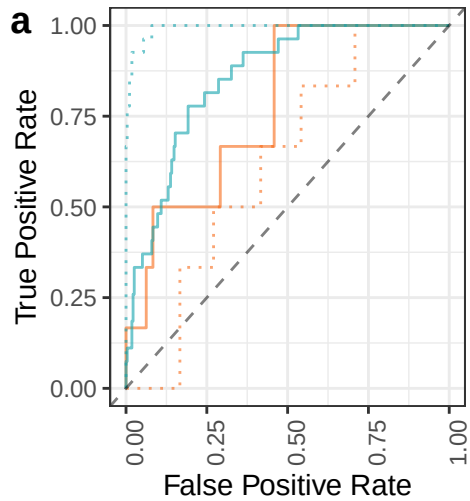


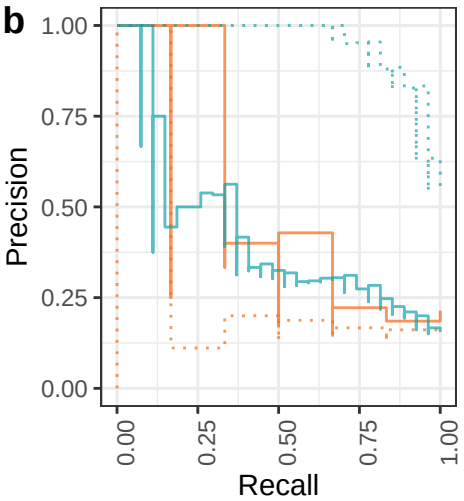
Shuffled

False

True

Performance: cc_all_n_spots_h2ax_per_nucleus_area_mean

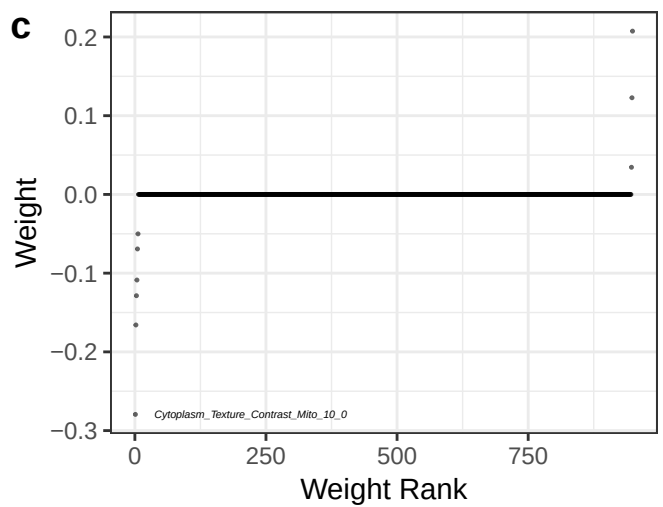


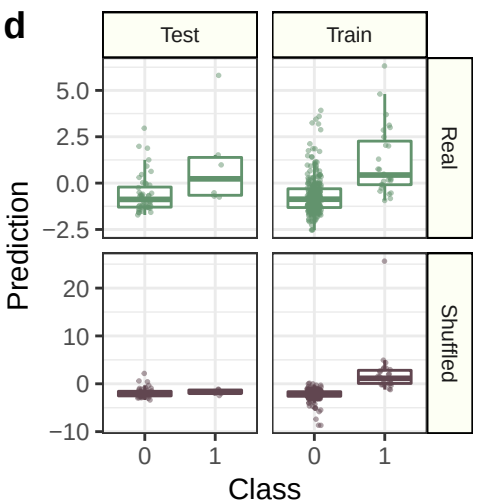


Data: Real Shuffled

Fit: Test Train

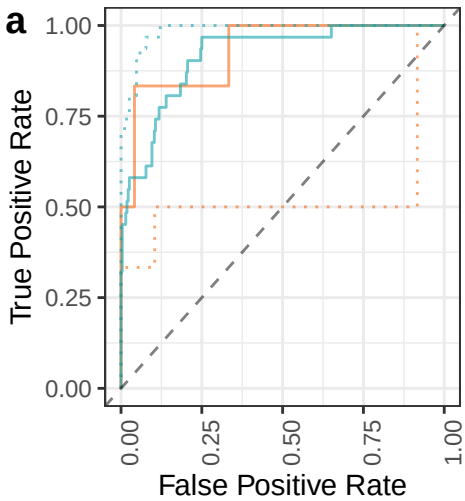
AUROC	AUPR	fit	shuffle	pos_n
0.86	0.40	Train	False	27
0.77	0.41	Test	False	27
0.99	0.94	Train	True	27
0.62	0.16	Test	True	27

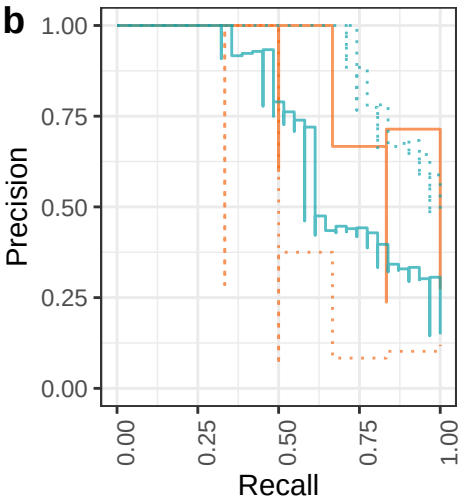


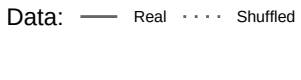


Shuffled
False
True

Performance: cc_g1_n_spots_h2ax_per_nucleus_area_mean







AUROC	AUPR	fit	shuffle	pos_n
0.92	0.69	Train	False	31
0.93	0.78	Test	False	31
0.99	0.91	Train	True	31
0.52	0.45	Test	True	31