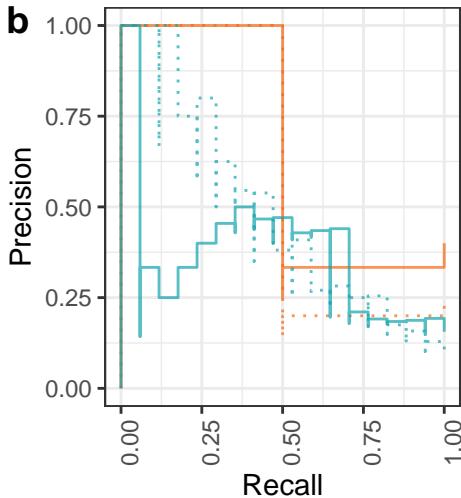
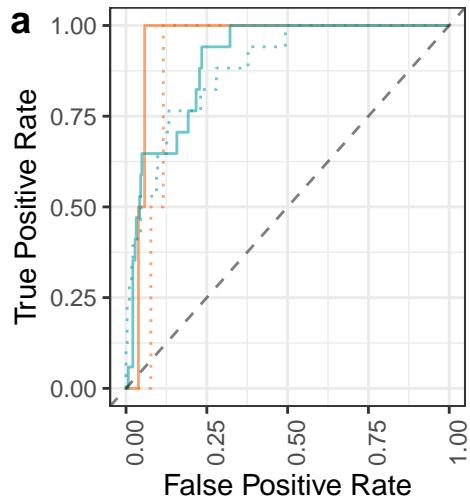


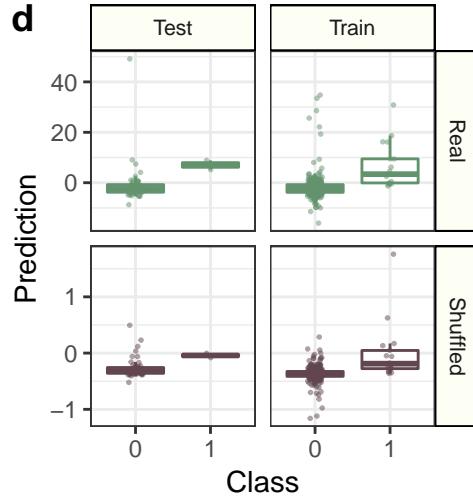
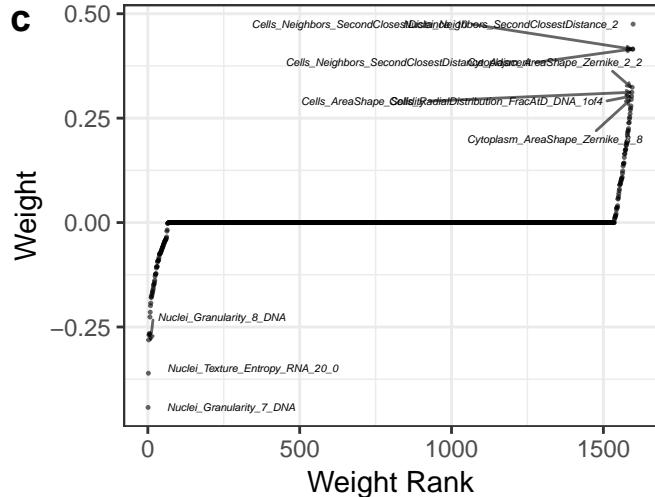
Performance: cc_g2_ph3_pos_high_n_spots_h2ax_mean



Data: — Real ····· Shuffled

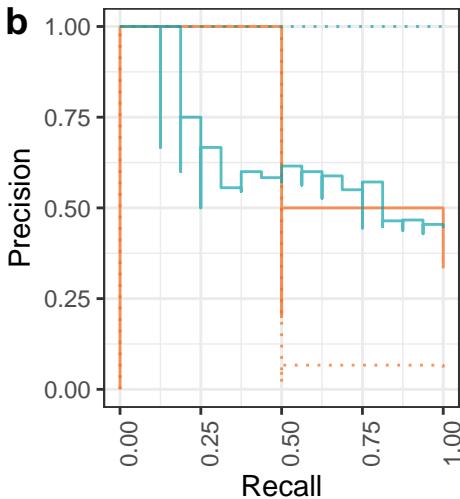
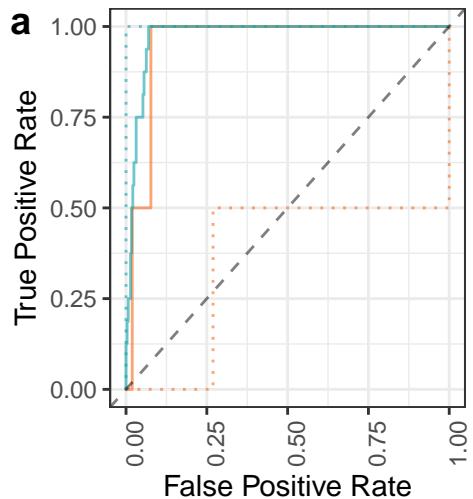
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.90	0.33	Train	False	17
0.95	0.37	Test	False	17
0.88	0.45	Train	True	17
0.90	0.22	Test	True	17



Shuffled
— False
— True

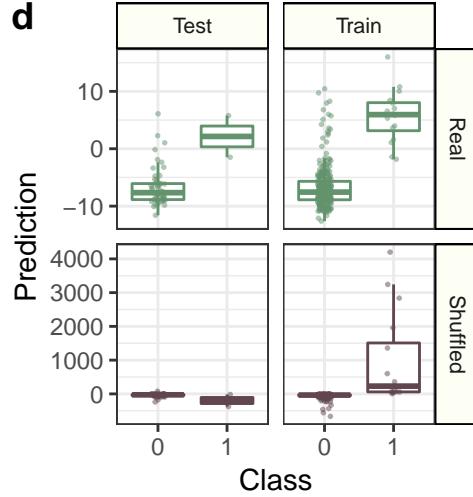
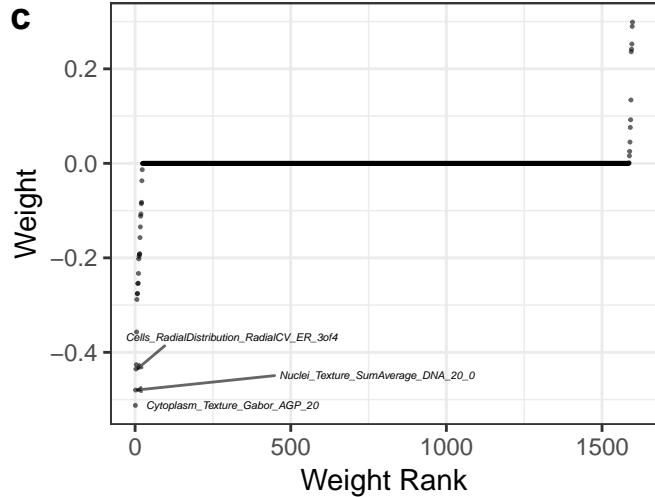
Performance: cc_g2_plus_all_m



Data: — Real ··· Shuffled

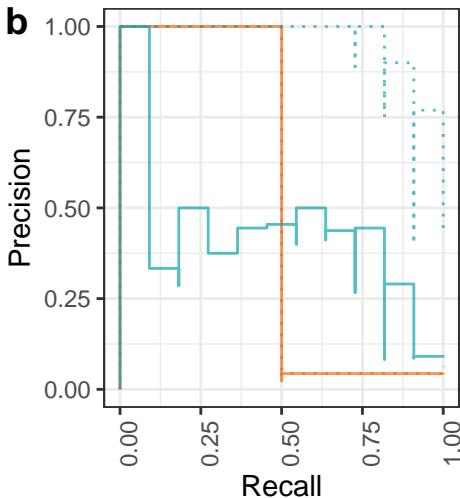
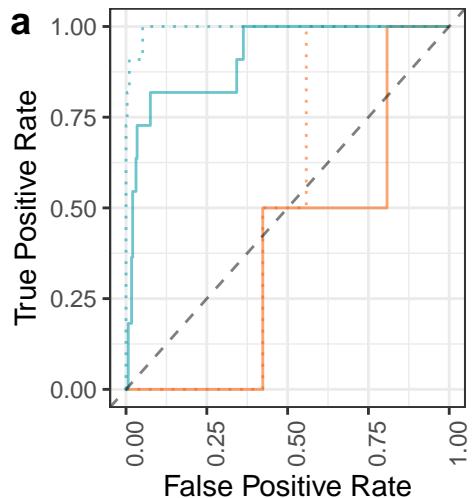
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.97	0.62	Train	False	16
0.95	0.42	Test	False	16
1.00	1.00	Train	True	16
0.37	0.05	Test	True	16



Shuffled
False
True

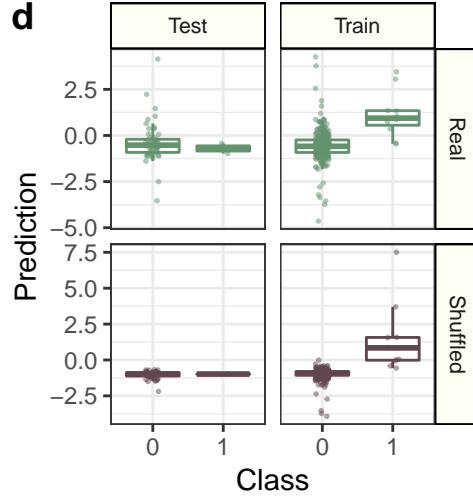
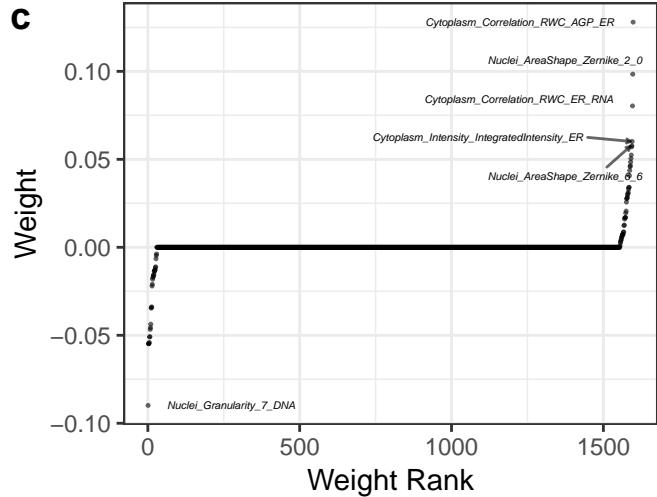
Performance: cc_infection_percentage



Data: — Real ··· Shuffled

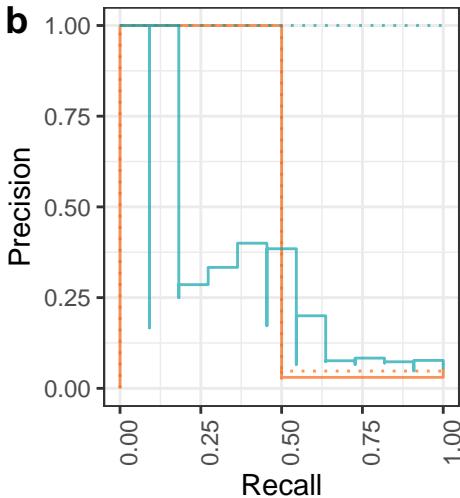
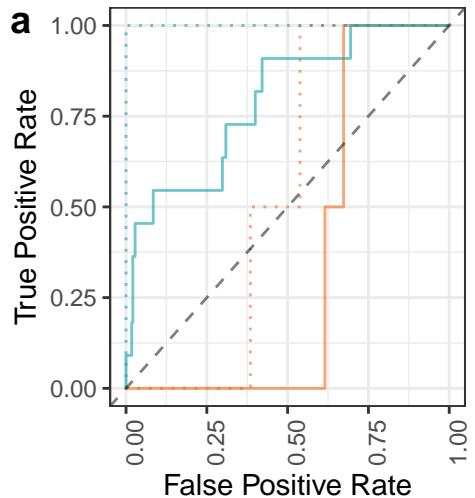
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.92	0.36	Train	False	11
0.38	0.04	Test	False	11
0.99	0.92	Train	True	11
0.51	0.05	Test	True	11



Shuffled
— False
— True

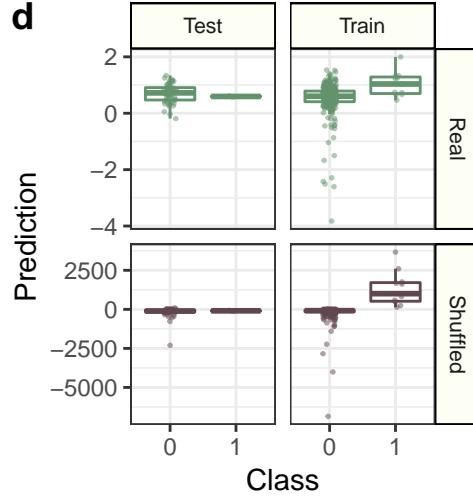
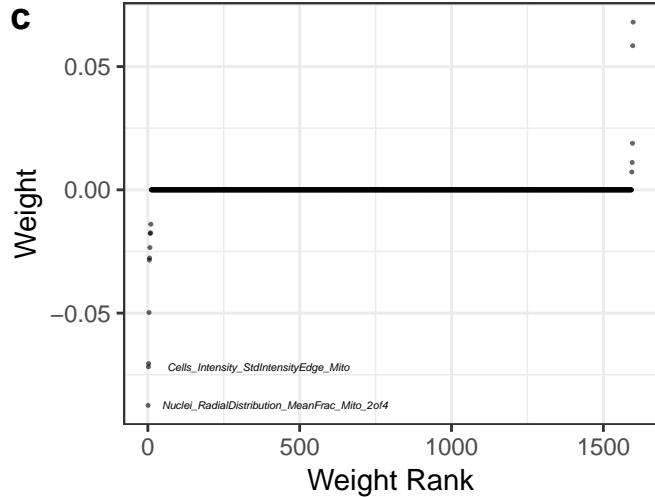
Performance: cc_mitosis_ph3_neg_n_spots_per_nucleus_area_mean



Data: — Real ··· Shuffled

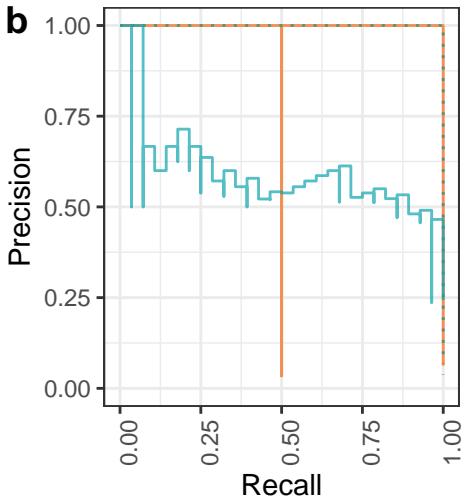
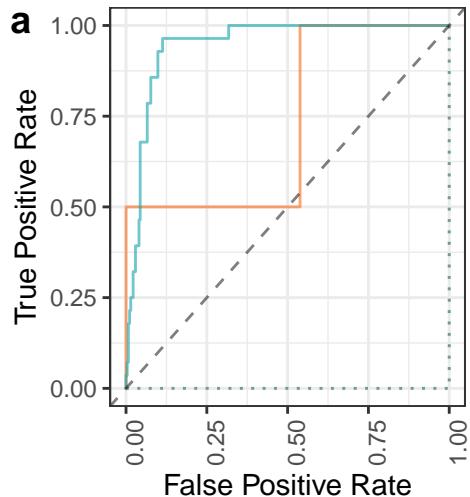
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.79	0.27	Train	False	11
0.36	0.04	Test	False	11
1.00	1.00	Train	True	11
0.54	0.06	Test	True	11



Shuffled
— False
— True

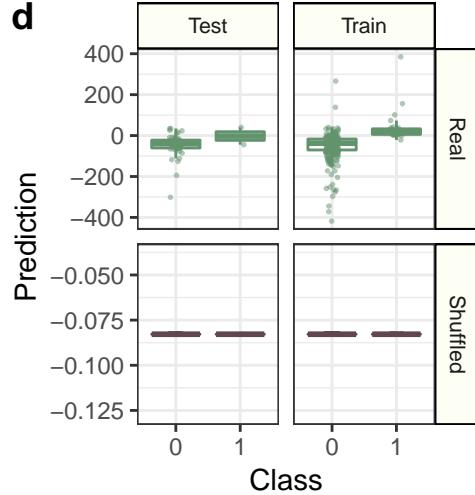
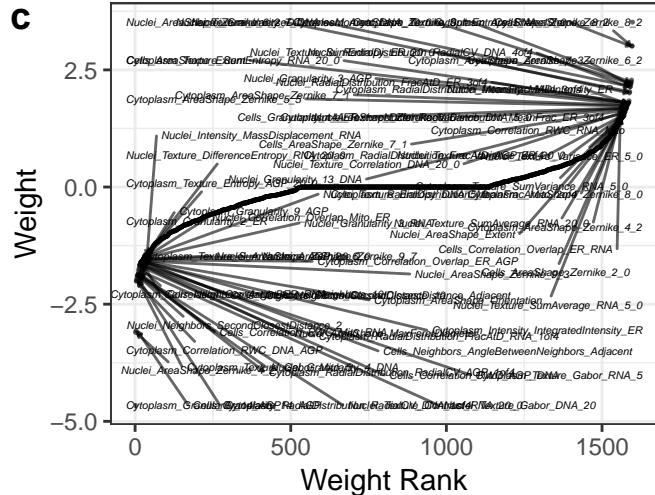
Performance: cc_mitosis_ph3_pos_n_spots_per_nucleus_area_mean



Data: — Real ··· Shuffled

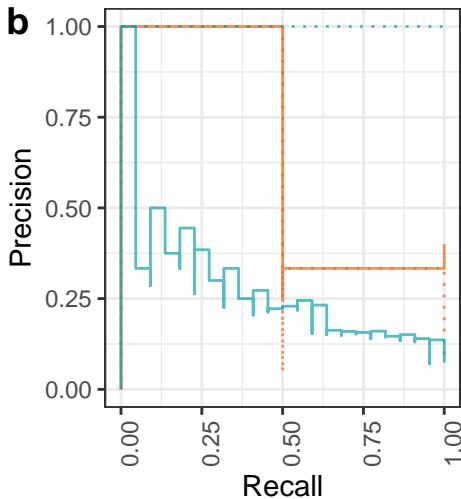
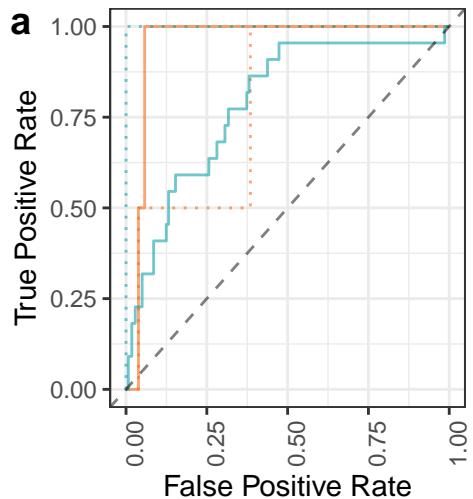
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.95	0.58	Train	False	28
0.73	0.53	Test	False	28
0.50	0.09	Train	True	28
0.50	0.04	Test	True	28



Shuffled
False
True

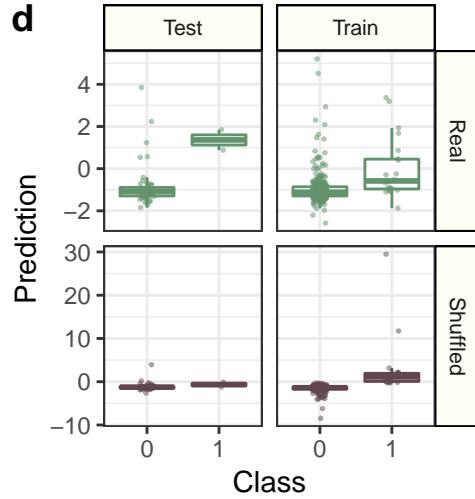
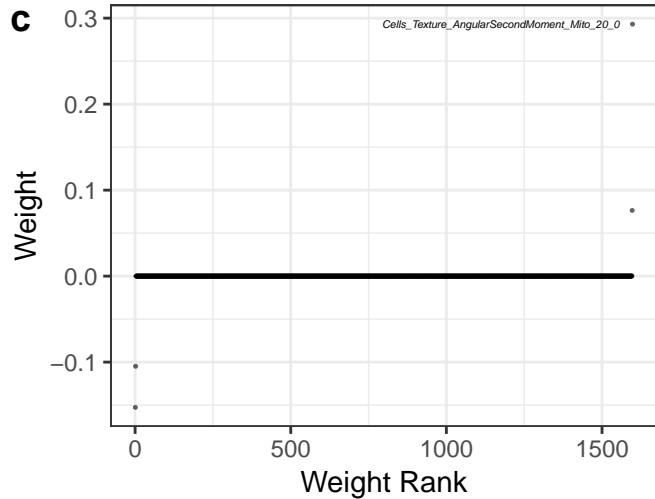
Performance: cc_polynuclear_high_n_spots_h2ax_mean



Data: — Real ····· Shuffled

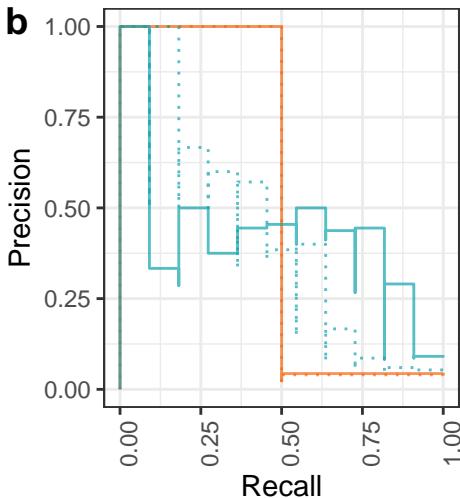
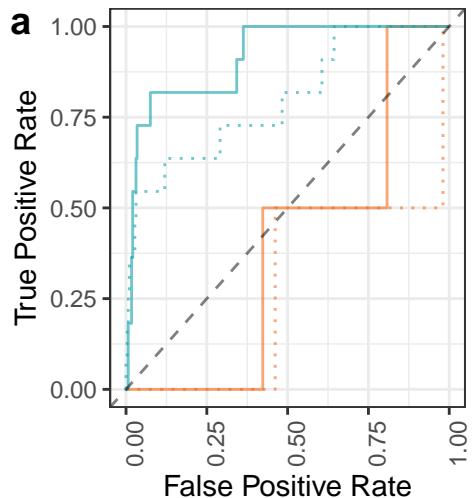
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.79	0.25	Train	False	22
0.95	0.37	Test	False	22
1.00	1.00	Train	True	22
0.79	0.21	Test	True	22



Shuffled
— False
— True

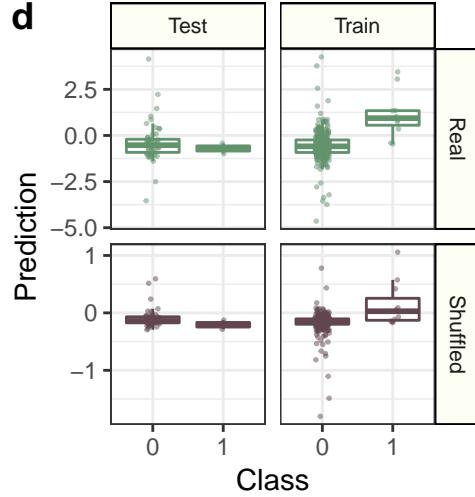
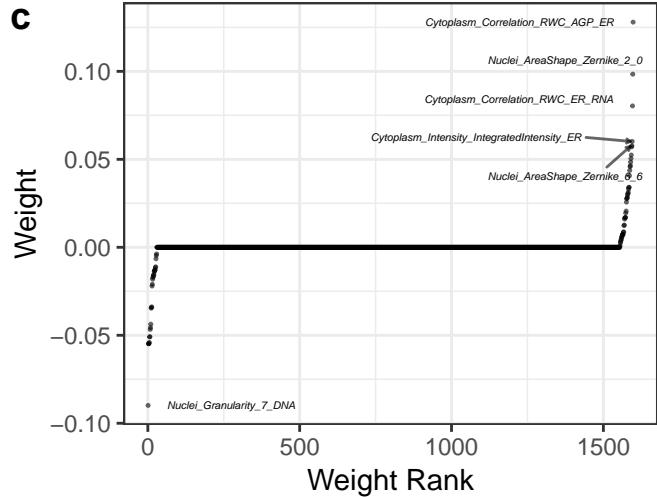
Performance: vb_infection_percentage



Data: — Real ··· Shuffled

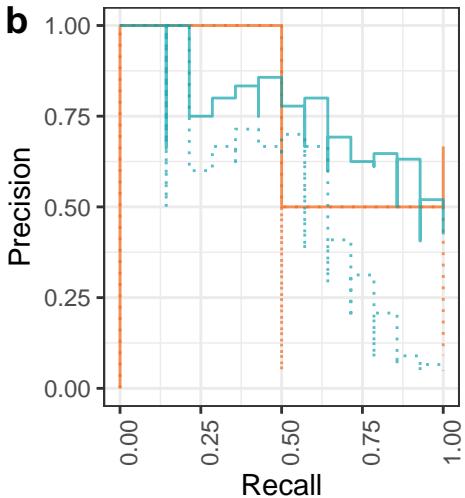
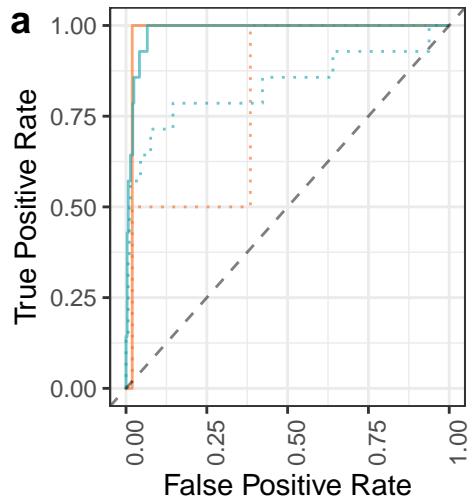
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.92	0.36	Train	False	11
0.38	0.04	Test	False	11
0.80	0.37	Train	True	11
0.28	0.04	Test	True	11



Shuffled
False
True

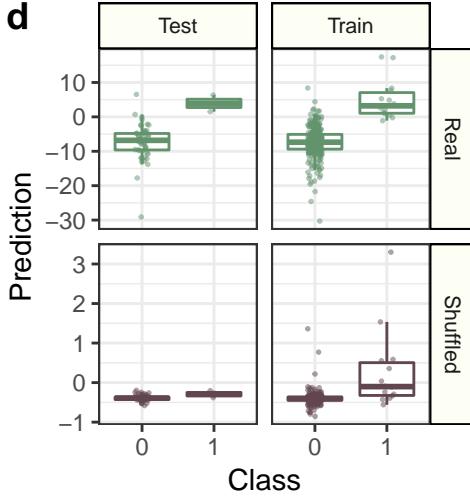
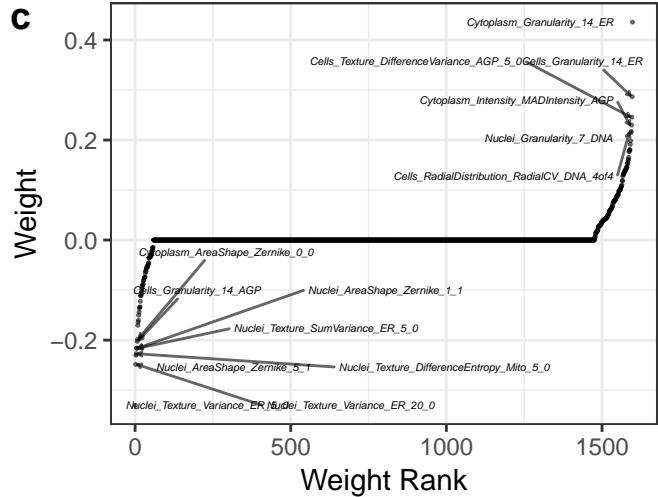
Performance: vb_percent_all_apoptosis



Data: — Real ··· Shuffled

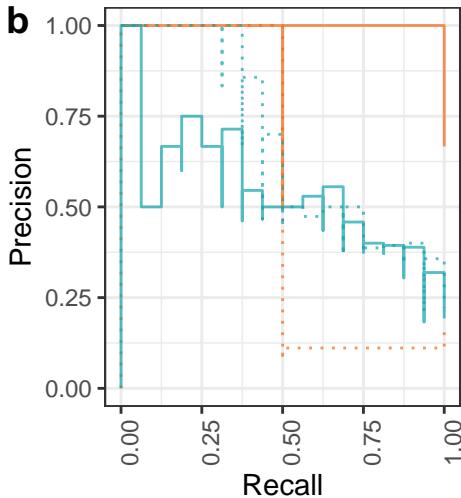
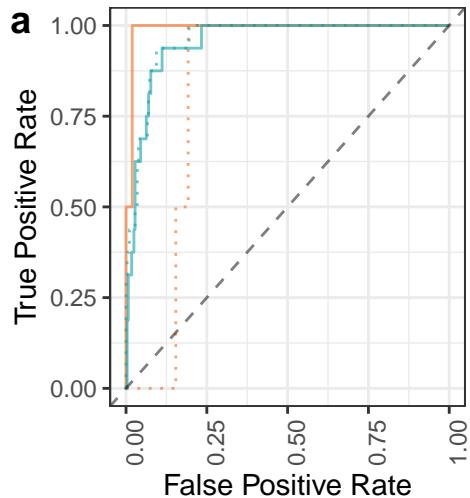
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.98	0.74	Train	False	14
0.98	0.58	Test	False	14
0.83	0.51	Train	True	14
0.80	0.30	Test	True	14



Shuffled
— False
— True

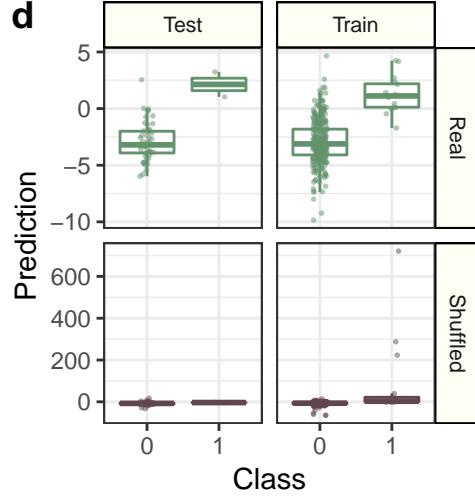
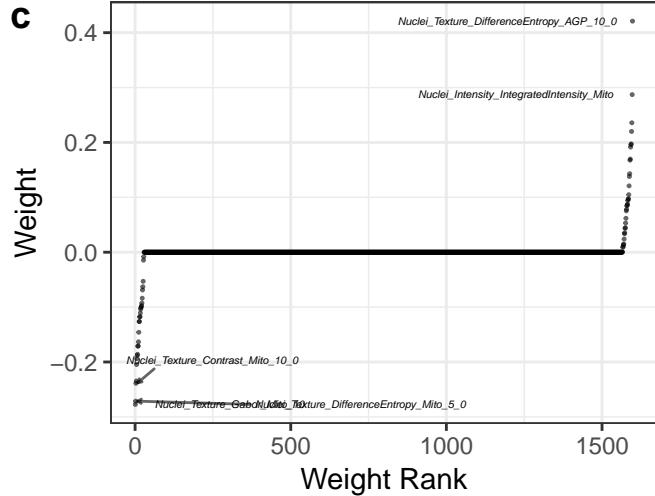
Performance: vb_percent_all_early_apoptosis



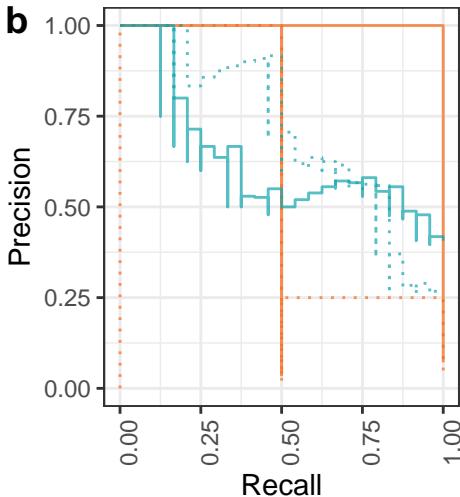
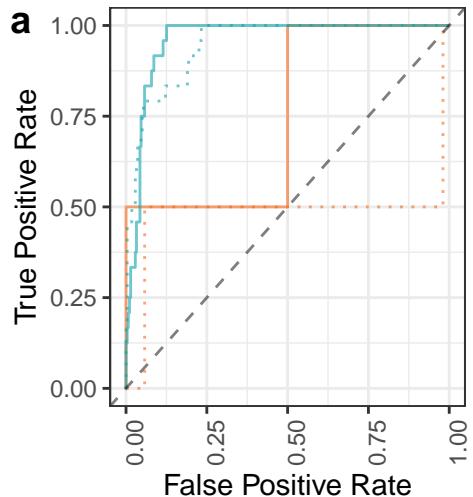
Data: — Real ··· Shuffled

Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.95	0.51	Train	False	16
0.99	0.83	Test	False	16
0.96	0.64	Train	True	16
0.83	0.14	Test	True	16



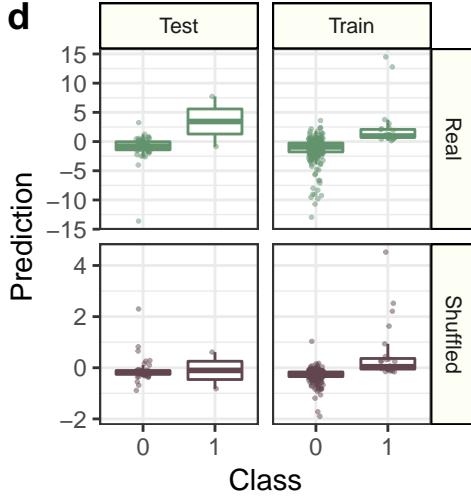
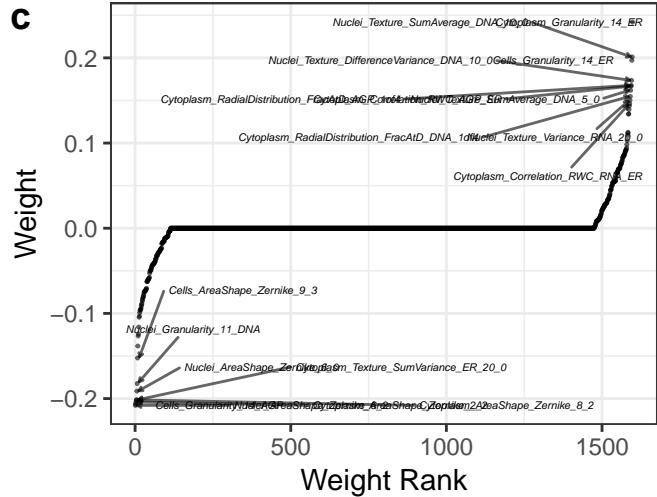
Performance: vb_percent_caspase_dead_only



Data: — Real ··· Shuffled

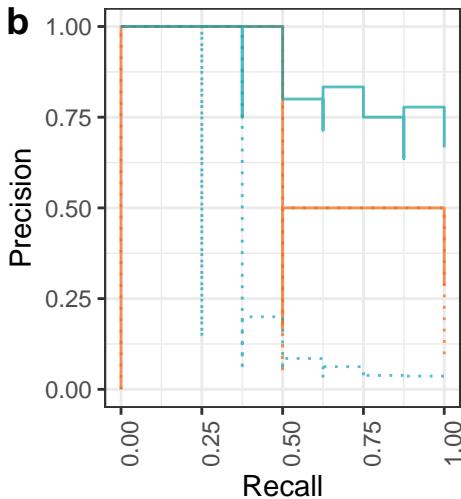
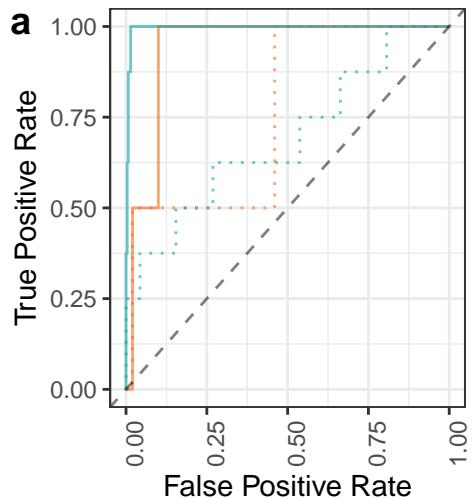
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.96	0.62	Train	False	24
0.75	0.54	Test	False	24
0.95	0.69	Train	True	24
0.48	0.14	Test	True	24



Shuffled
False
True

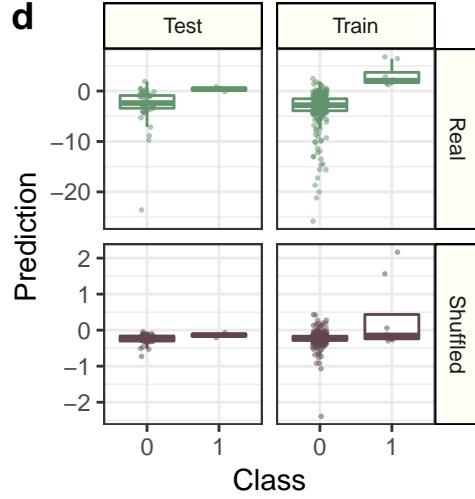
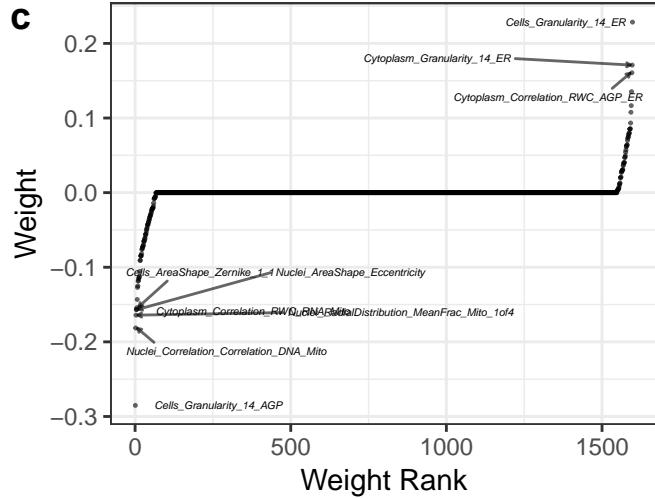
Performance: vb_ros_mean



Data: — Real ··· Shuffled

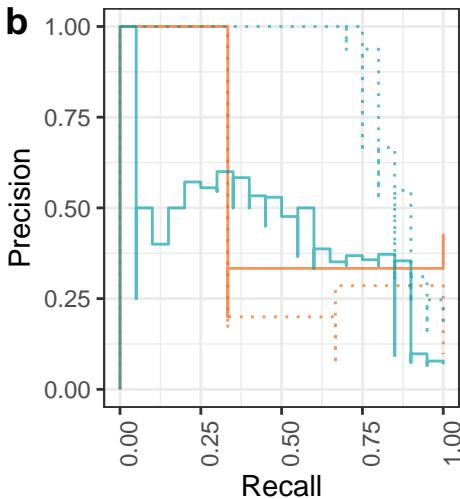
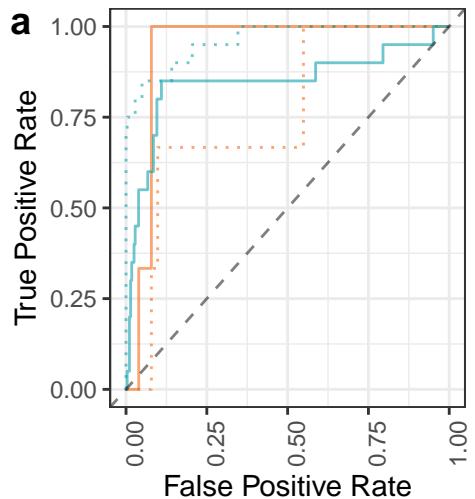
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
1.00	0.85	Train	False	8
0.94	0.39	Test	False	8
0.69	0.31	Train	True	8
0.76	0.29	Test	True	8



Shuffled
— False
— True

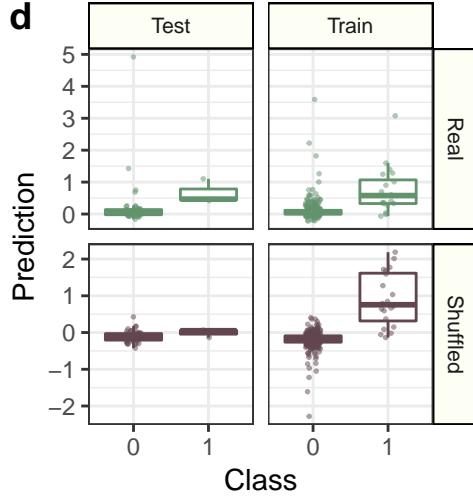
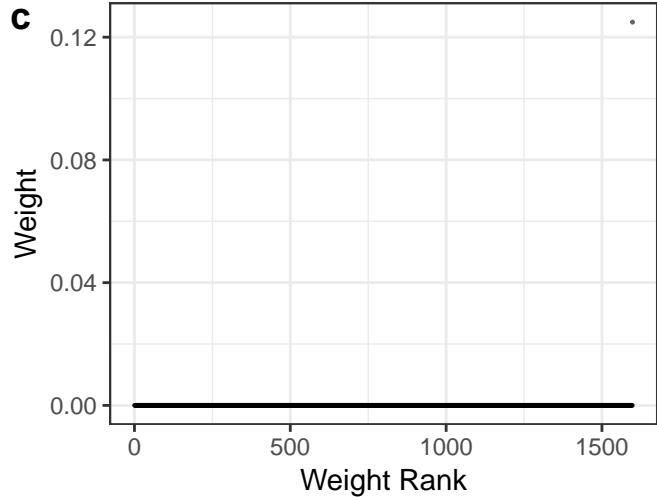
Performance: cc_cc_g1_mean



Data: — Real ··· Shuffled

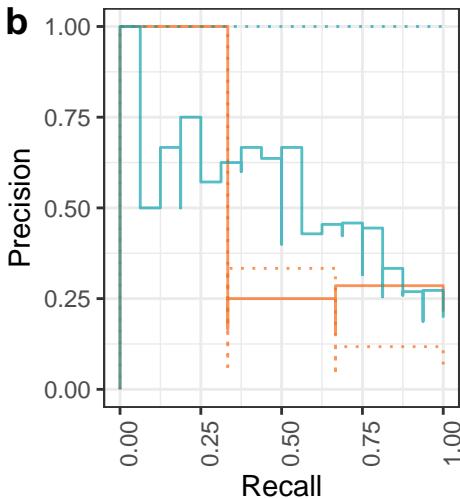
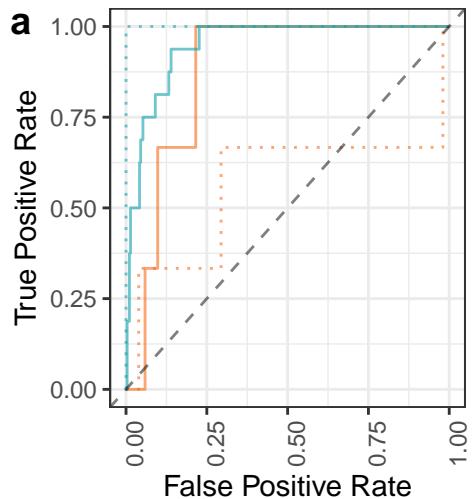
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.85	0.41	Train	False	20
0.93	0.37	Test	False	20
0.96	0.84	Train	True	20
0.76	0.19	Test	True	20



Shuffled
— False
— True

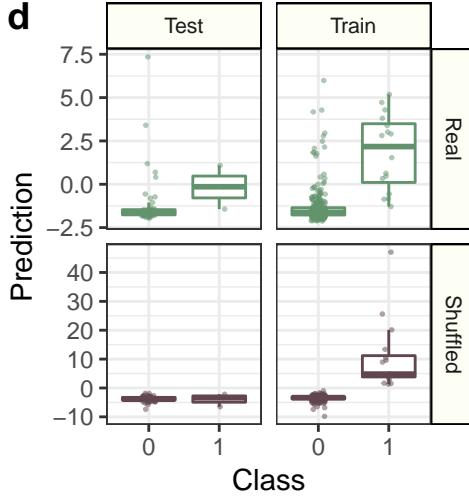
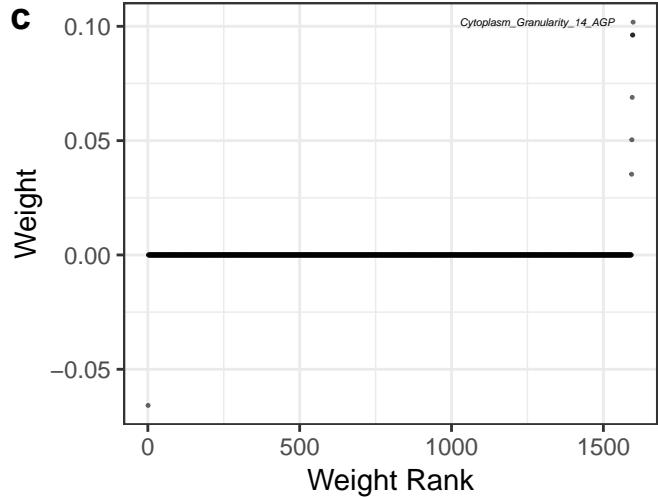
Performance: cc_cc_g2_ph3_neg_mean



Data: — Real ····· Shuffled

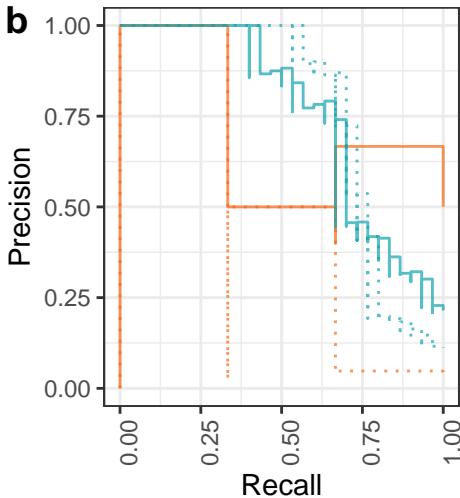
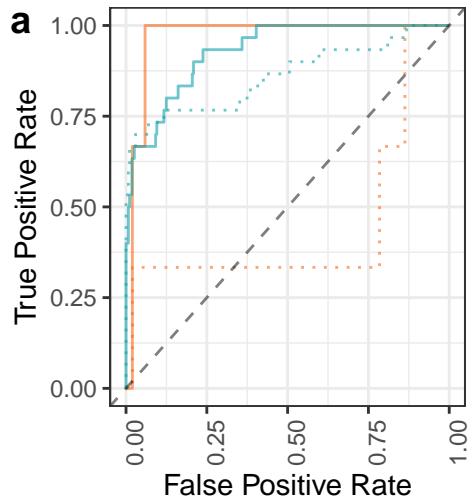
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.95	0.50	Train	False	16
0.88	0.25	Test	False	16
1.00	1.00	Train	True	16
0.56	0.17	Test	True	16



Shuffled
— False
— True

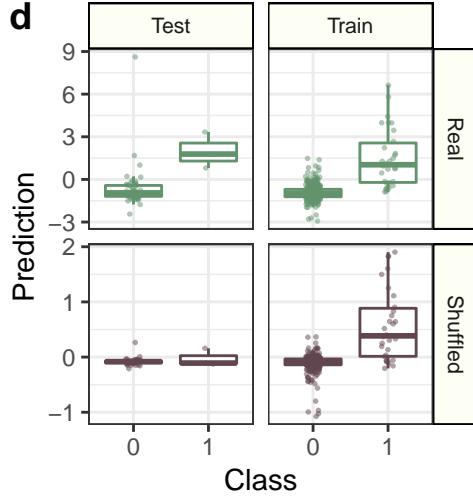
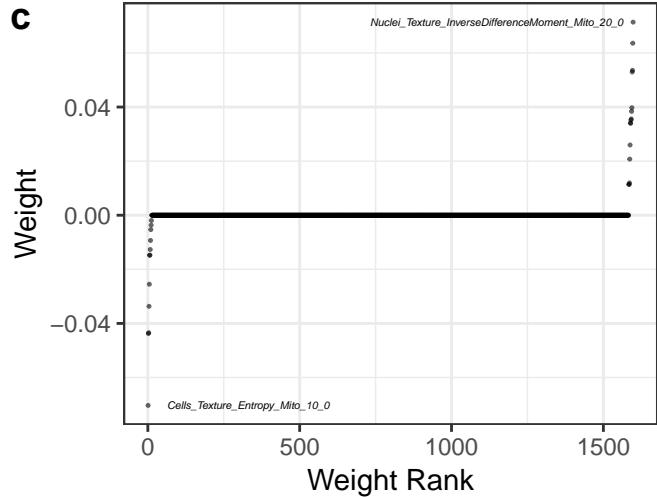
Performance: cc_cc_n_spots_mean



Data: — Real ····· Shuffled

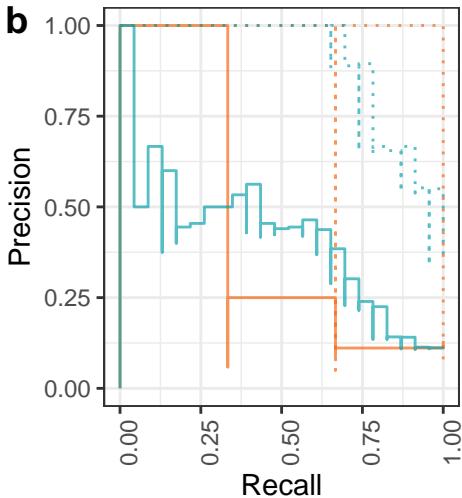
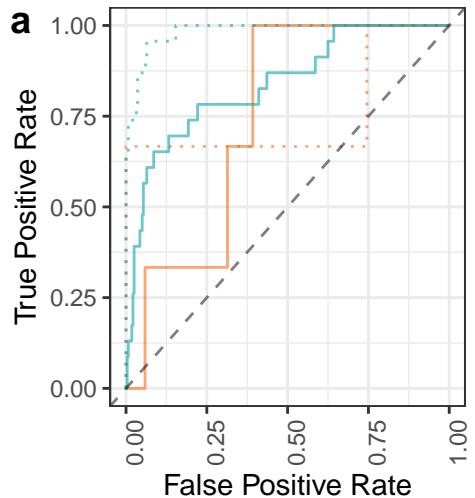
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.93	0.73	Train	False	30
0.97	0.56	Test	False	30
0.86	0.74	Train	True	30
0.44	0.20	Test	True	30



Shuffled
— False
— True

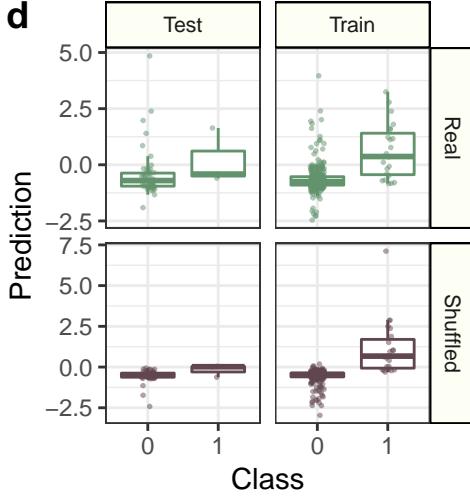
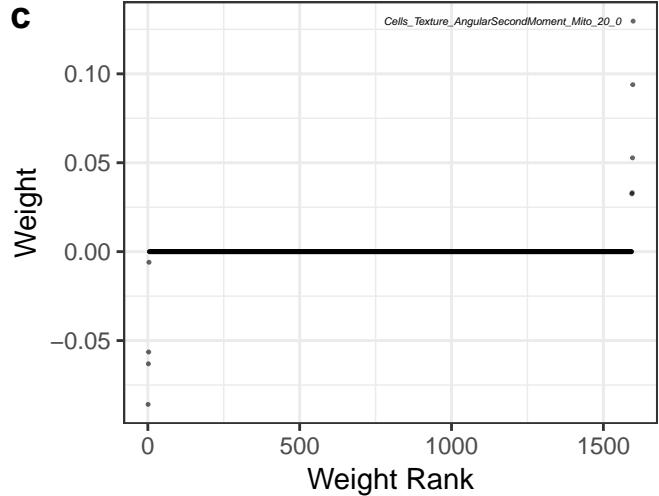
Performance: cc_edu_pos_n_spots_mean



Data: — Real ····· Shuffled

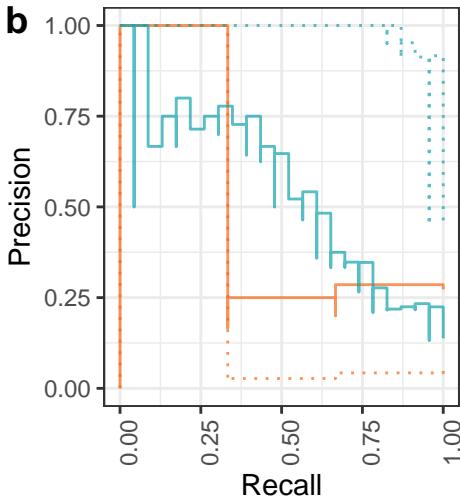
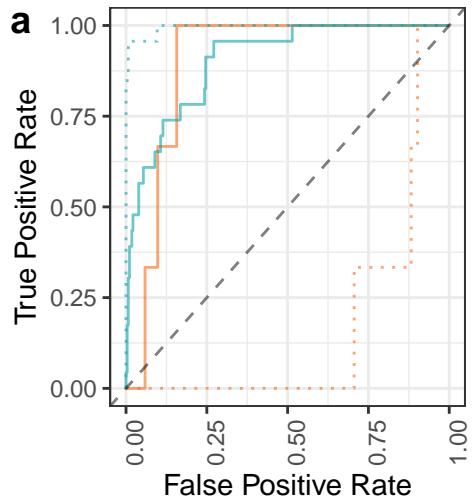
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.84	0.38	Train	False	23
0.75	0.16	Test	False	23
0.98	0.88	Train	True	23
0.75	0.69	Test	True	23



Shuffled
— False
— True

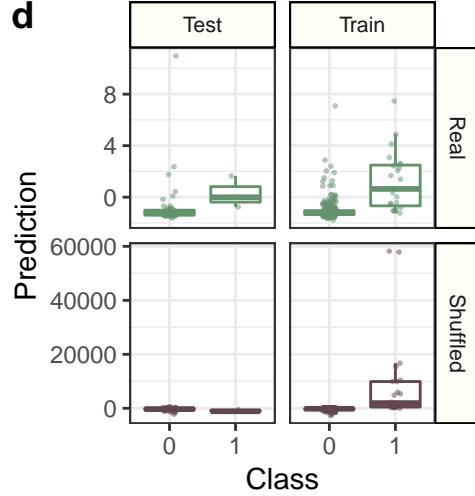
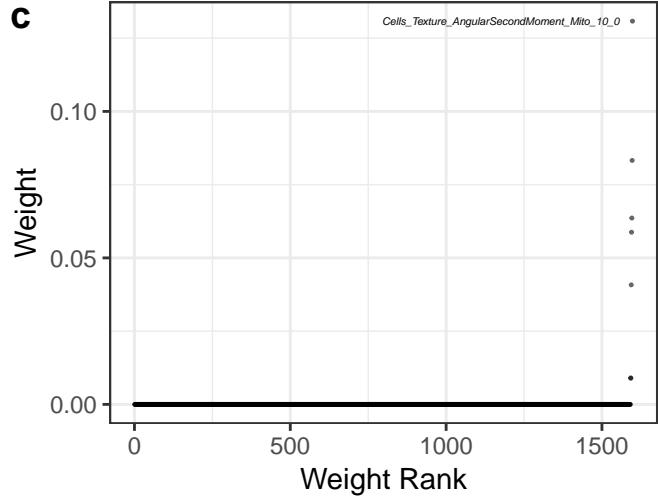
Performance: cc_g2_ph3_neg_high_n_spots_h2ax_mean



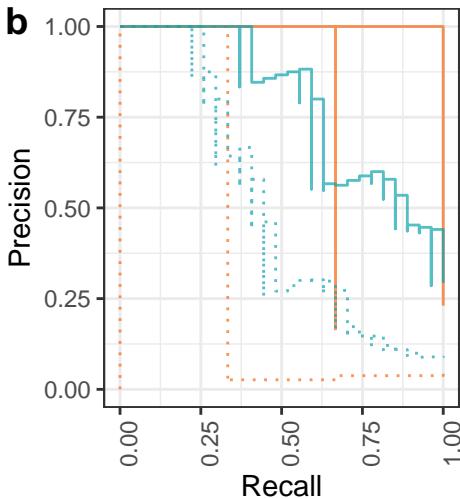
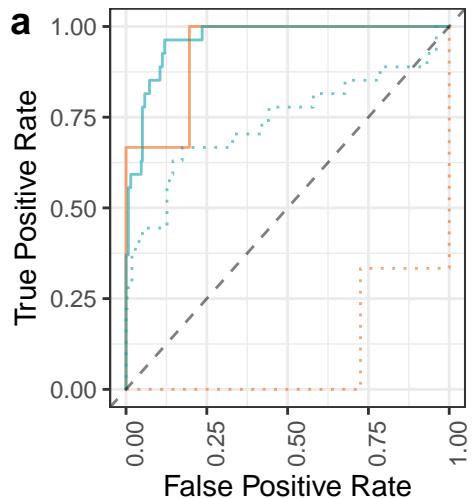
Data: — Real ··· Shuffled

Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.90	0.53	Train	False	23
0.90	0.27	Test	False	23
1.00	0.97	Train	True	23
0.17	0.04	Test	True	23



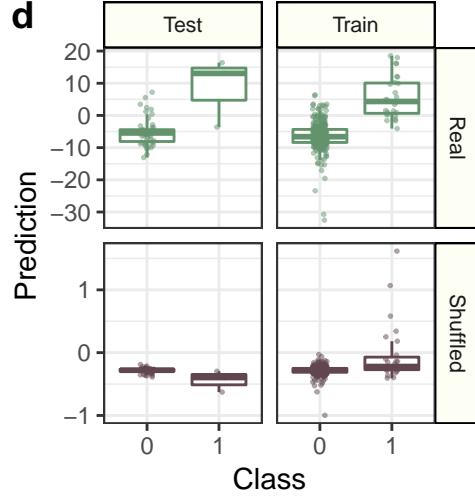
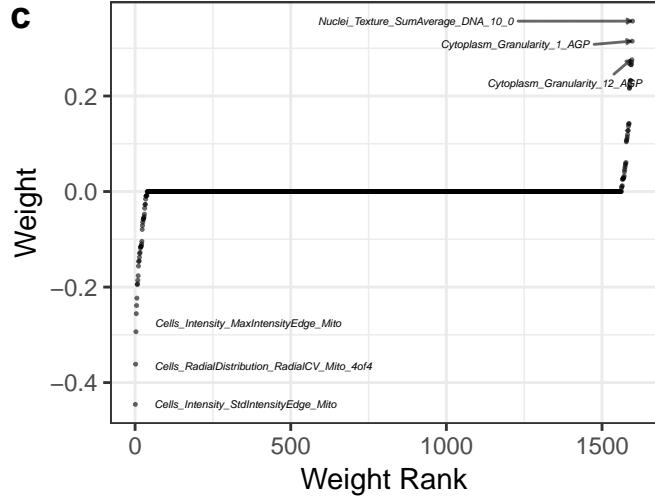
Performance: cc_g2_ph3_neg_n_spots_per_nucleus_area_mean



Data: — Real ··· Shuffled

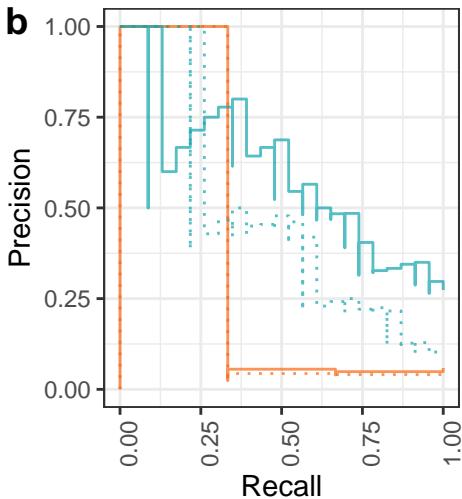
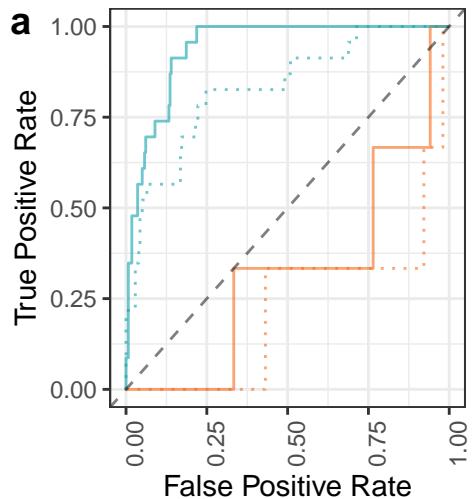
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.96	0.77	Train	False	27
0.93	0.74	Test	False	27
0.74	0.47	Train	True	27
0.09	0.04	Test	True	27



Shuffled
— False
— True

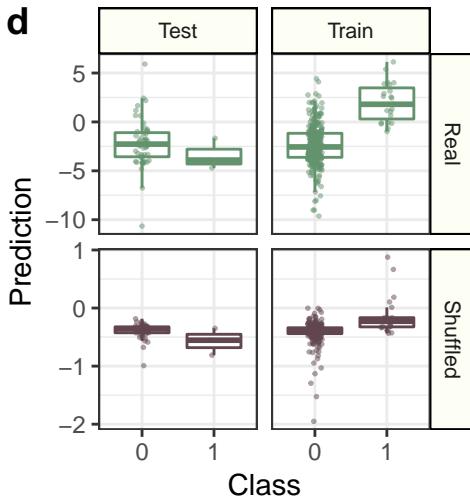
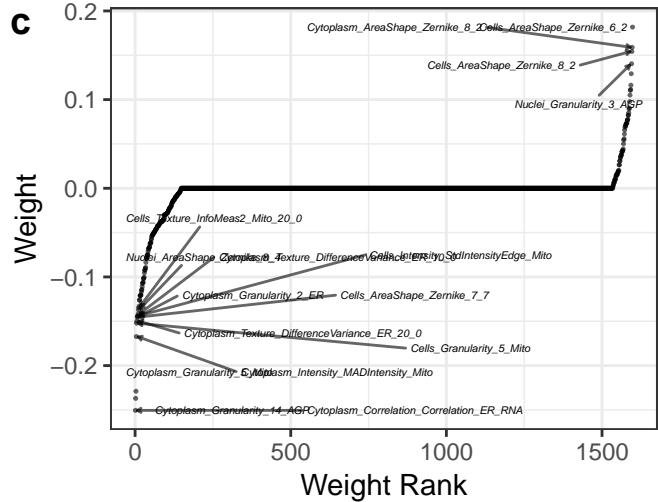
Performance: cc_mitosis_ph3_pos_n_spots_mean



Data: — Real ··· Shuffled

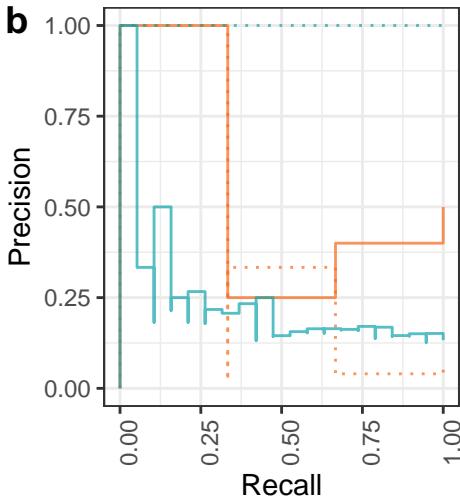
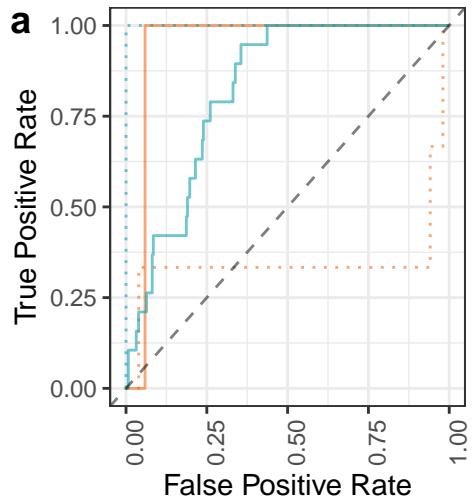
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.94	0.57	Train	False	23
0.32	0.05	Test	False	23
0.83	0.46	Train	True	23
0.22	0.05	Test	True	23



Shuffled
— False
— True

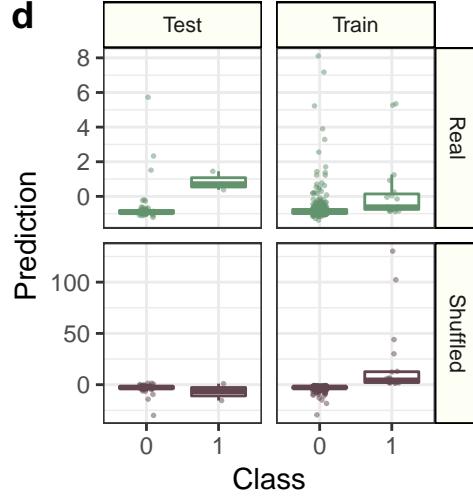
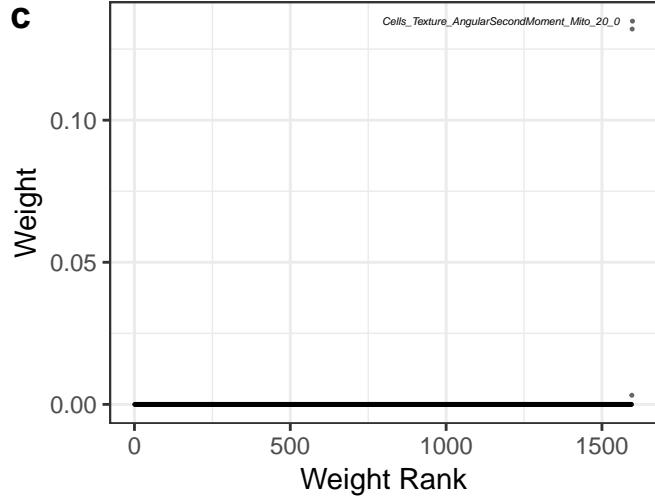
Performance: cc_polynuclear_n_spots_per_nucleus_area_mean



Data: — Real ··· Shuffled

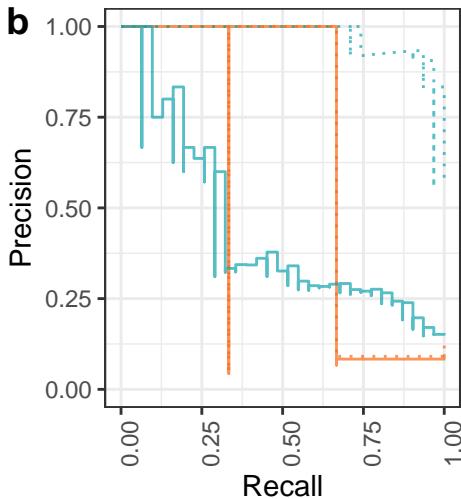
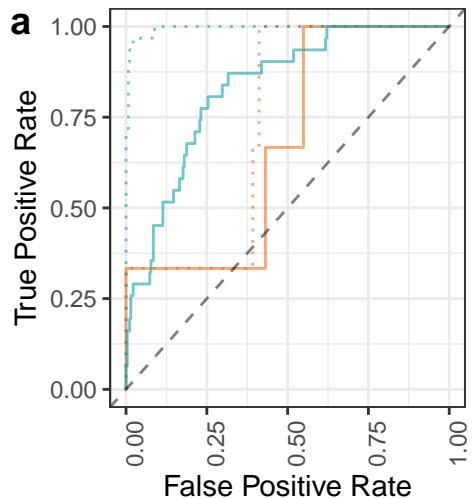
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.82	0.21	Train	False	19
0.94	0.38	Test	False	19
1.00	1.00	Train	True	19
0.35	0.14	Test	True	19



Shuffled
— False
— True

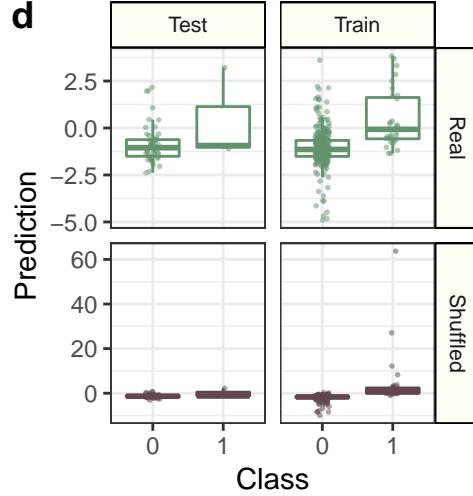
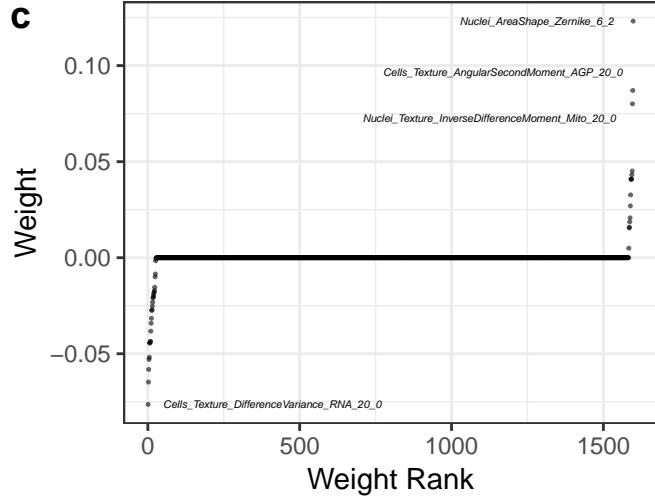
Performance: cc_polyplloid_n_spots_mean



Data: — Real ····· Shuffled

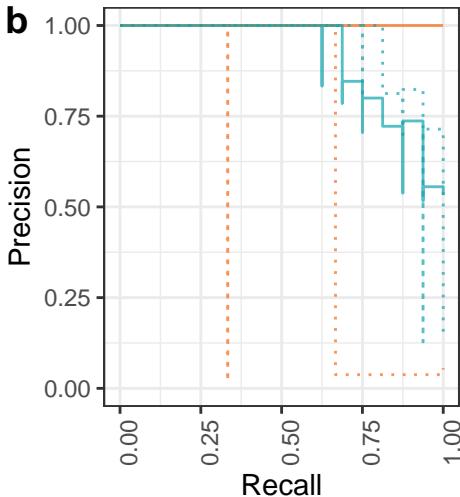
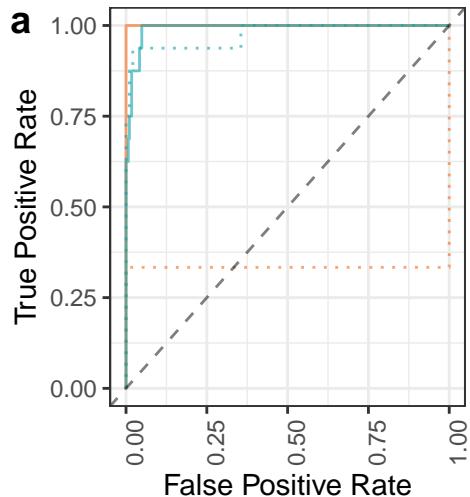
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.83	0.42	Train	False	31
0.67	0.39	Test	False	31
0.99	0.96	Train	True	31
0.73	0.41	Test	True	31



Shuffled
— False
— True

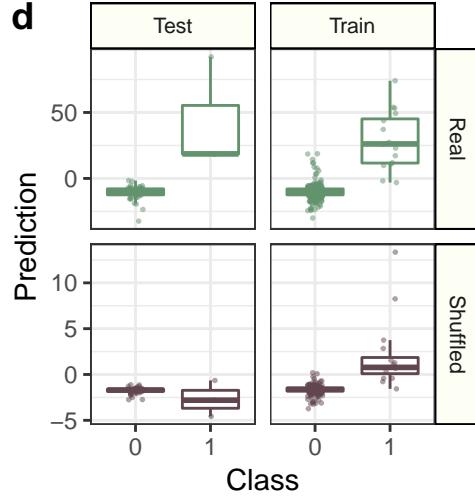
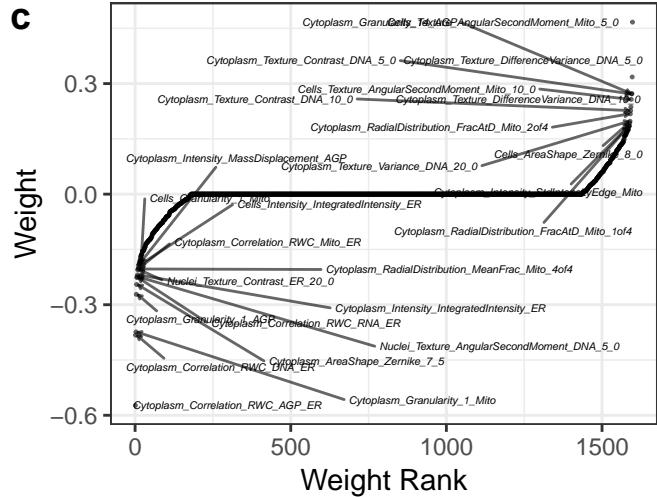
Performance: vb_percent_dead



Data: — Real ··· Shuffled

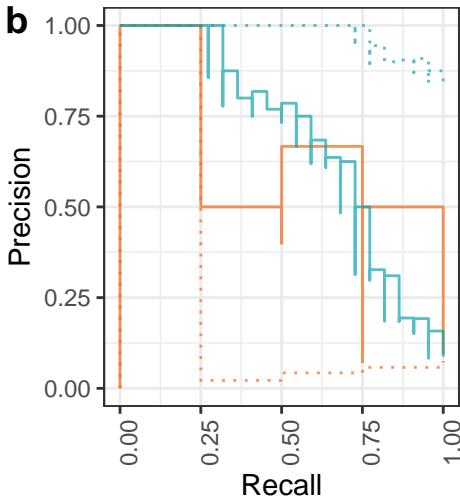
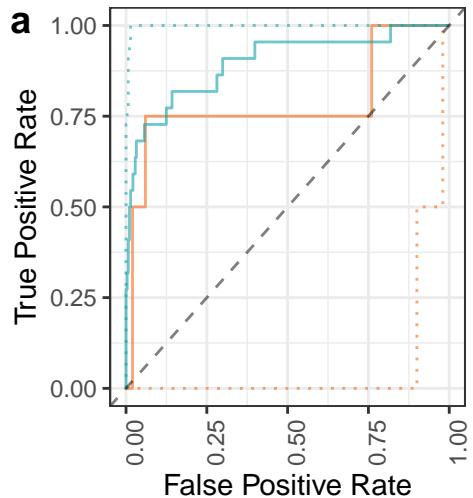
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.99	0.89	Train	False	16
1.00	1.00	Test	False	16
0.98	0.91	Train	True	16
0.33	0.36	Test	True	16



Shuffled
— False
— True

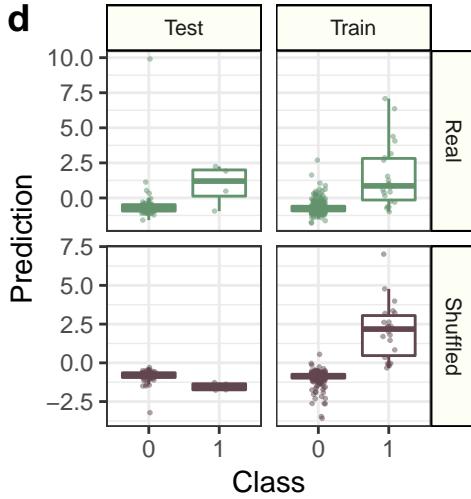
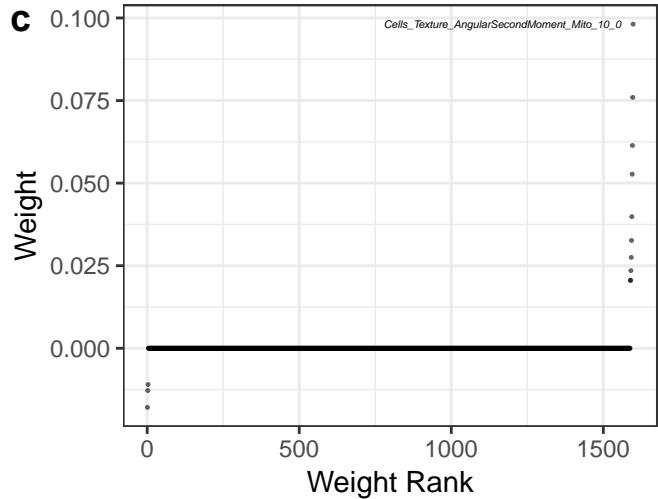
Performance: cc_cc_high_n_spots_h2ax_mean



Data: — Real ····· Shuffled

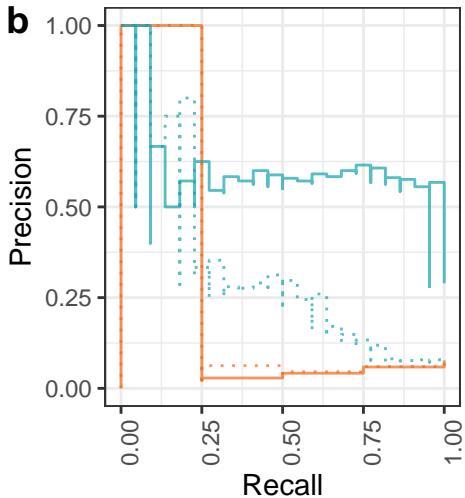
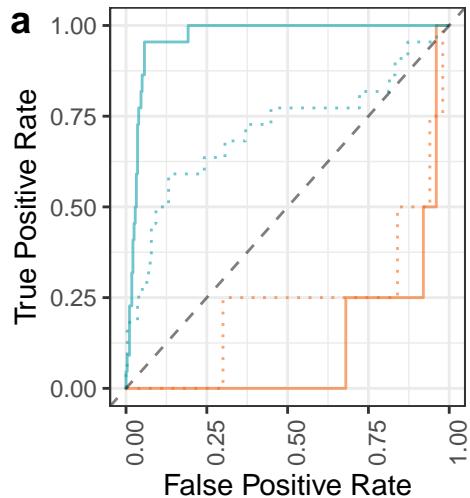
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.90	0.66	Train	False	22
0.78	0.44	Test	False	22
1.00	0.97	Train	True	22
0.06	0.05	Test	True	22



Shuffled
False
True

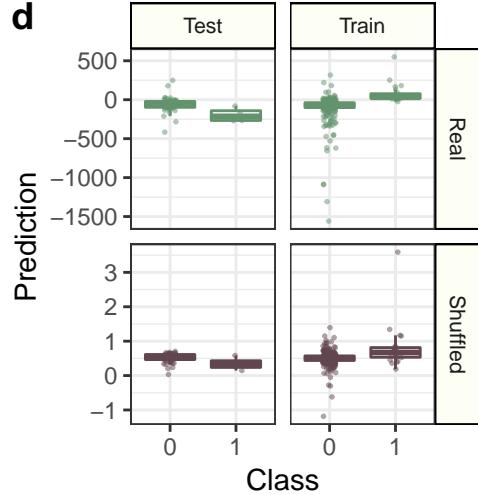
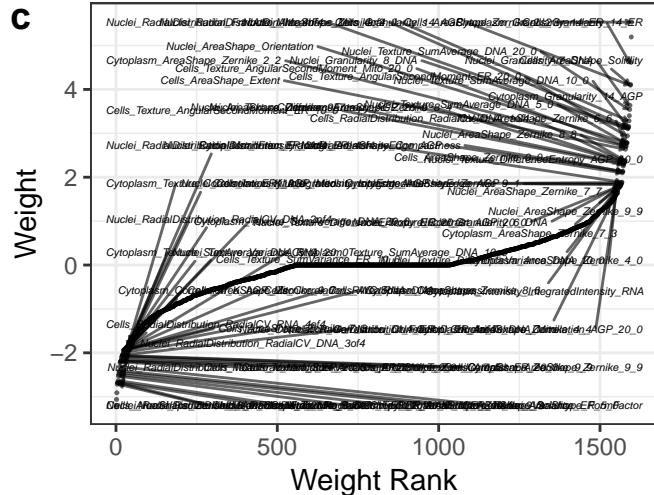
Performance: cc_edu_pos_high_n_spots_h2ax_mean



Data: — Real ····· Shuffled

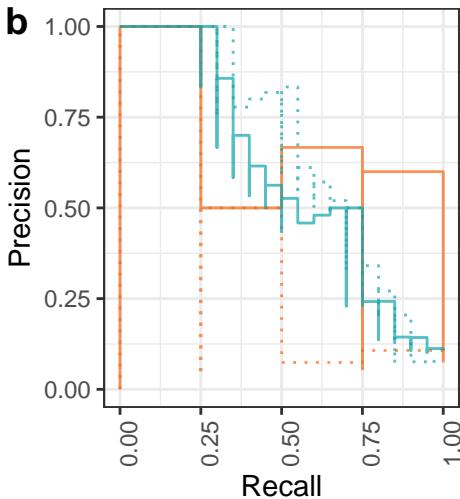
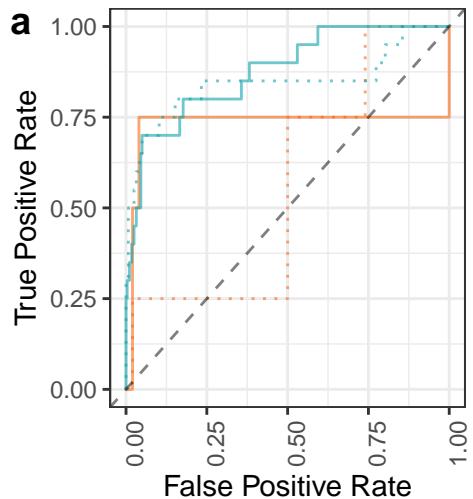
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.96	0.59	Train	False	22
0.12	0.05	Test	False	22
0.71	0.31	Train	True	22
0.24	0.06	Test	True	22



Shuffled
— False
— True

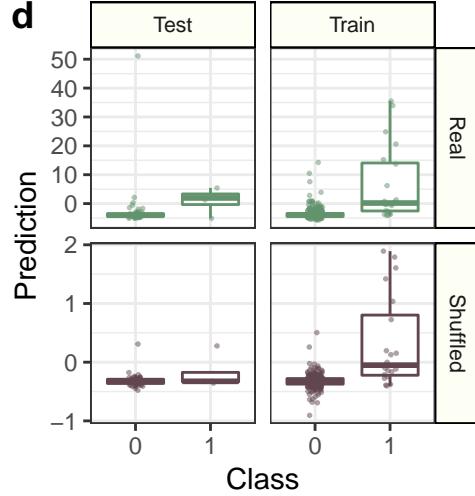
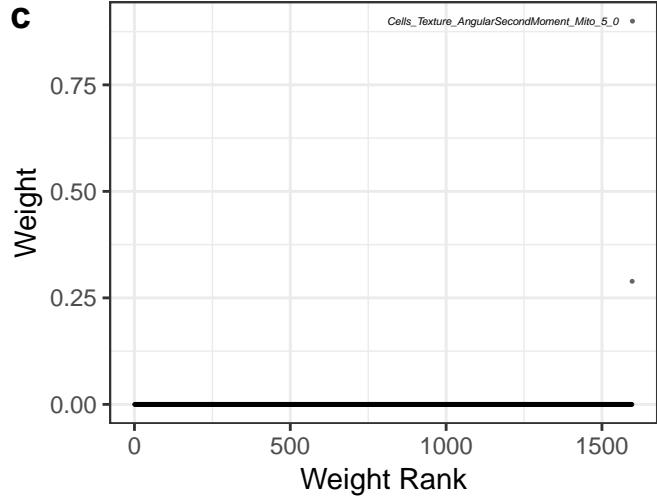
Performance: cc_g1_high_n_spots_h2ax_mean



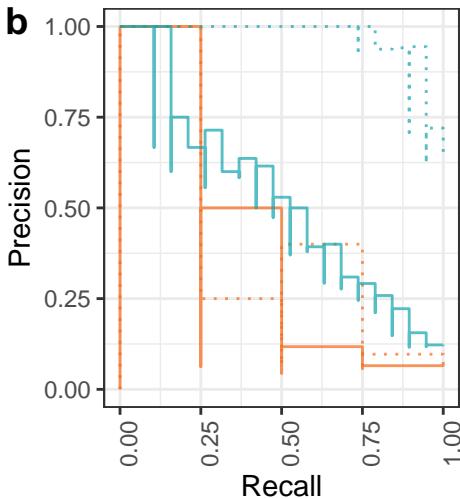
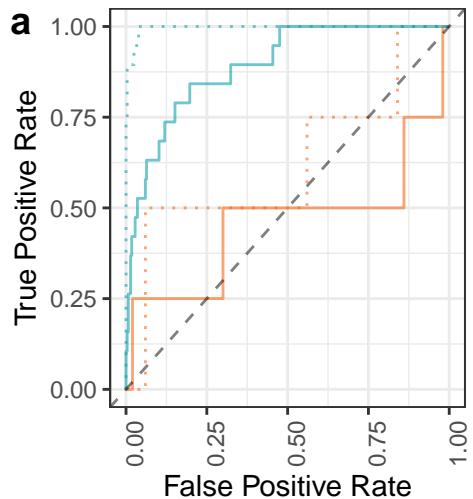
Data: — Real ····· Shuffled

Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.88	0.56	Train	False	20
0.73	0.46	Test	False	20
0.85	0.62	Train	True	20
0.56	0.19	Test	True	20



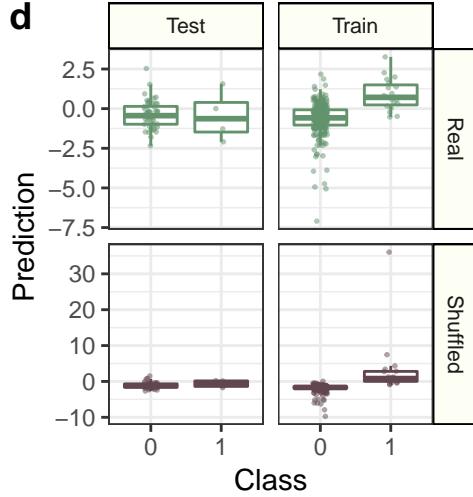
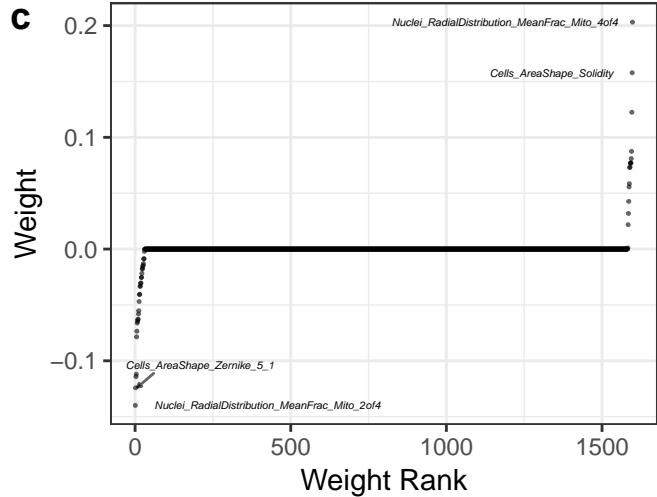
Performance: cc_g2_ph3_pos_n_spots_mean



Data: — Real ····· Shuffled

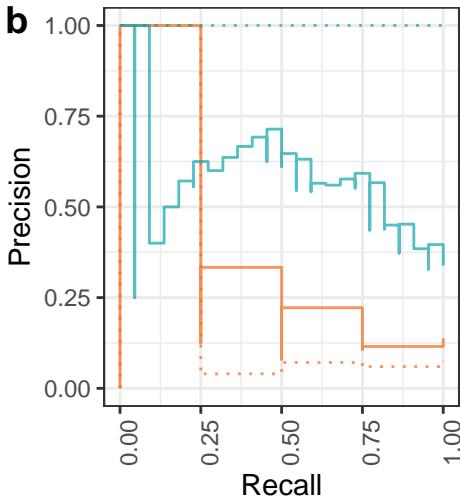
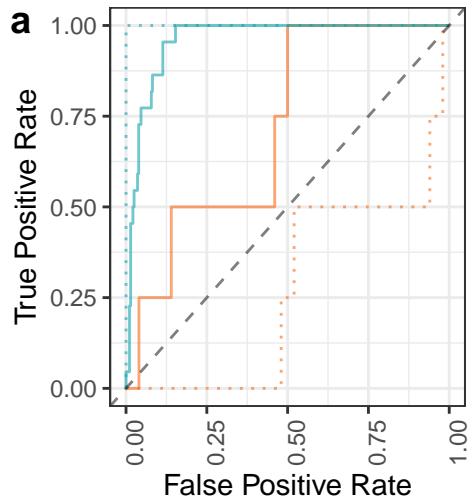
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.89	0.49	Train	False	19
0.46	0.19	Test	False	19
1.00	0.96	Train	True	19
0.62	0.21	Test	True	19



Shuffled
— False
— True

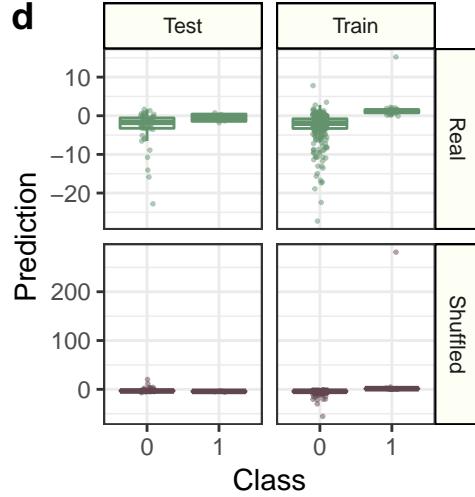
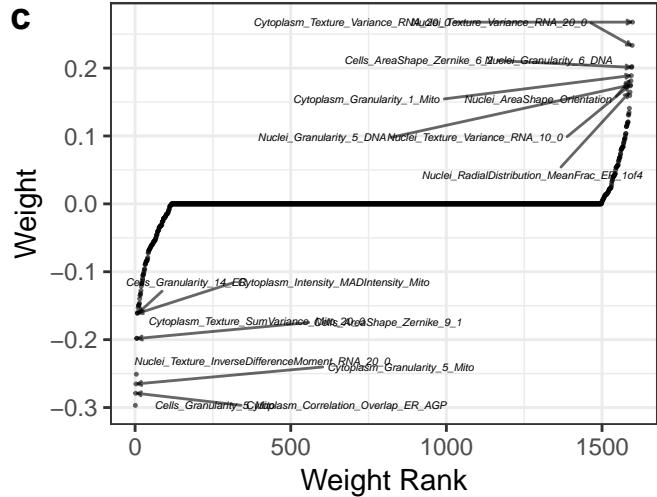
Performance: cc_mitosis_ph3_pos_n_objects



Data: — Real ····· Shuffled

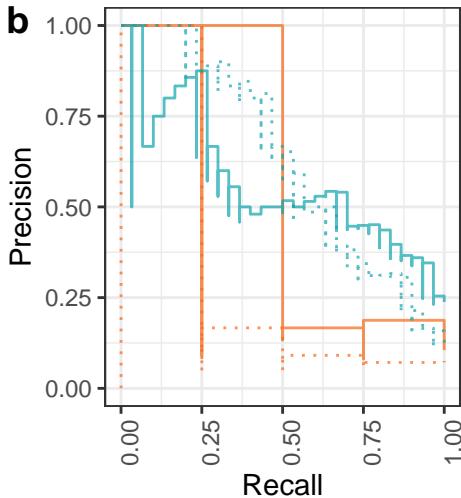
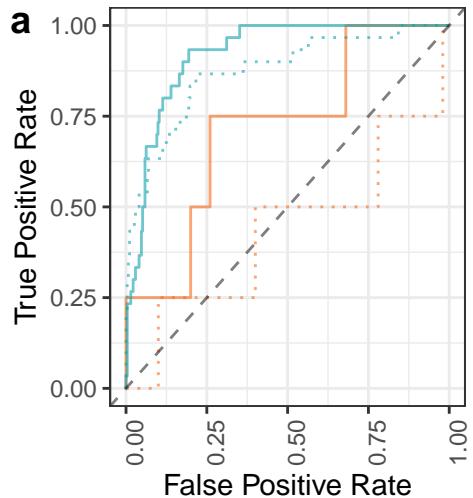
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.96	0.57	Train	False	22
0.72	0.20	Test	False	22
1.00	1.00	Train	True	22
0.27	0.06	Test	True	22



Shuffled
— False
— True

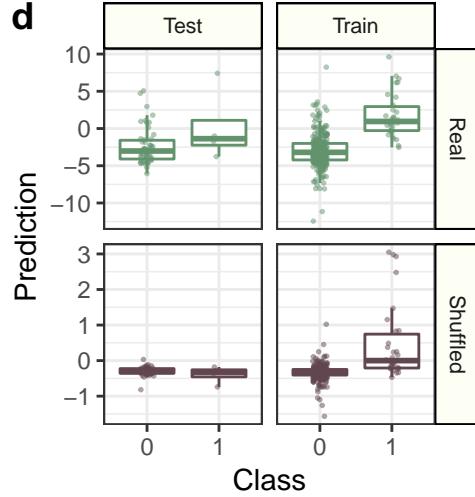
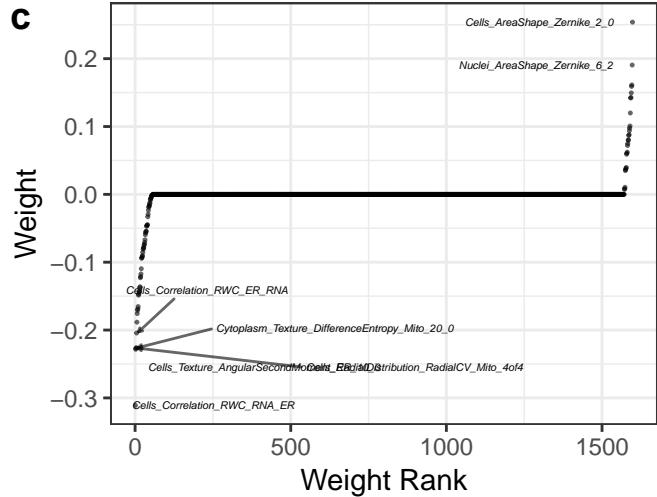
Performance: cc_polyplloid_high_n_spots_h2ax_mean



Data: — Real ··· Shuffled

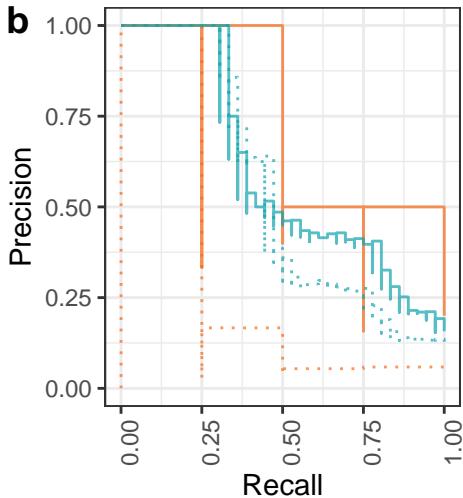
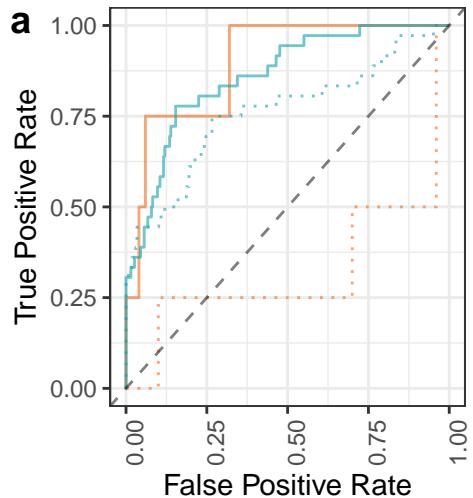
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.92	0.55	Train	False	30
0.72	0.36	Test	False	30
0.87	0.61	Train	True	30
0.44	0.10	Test	True	30



Shuffled
— False
— True

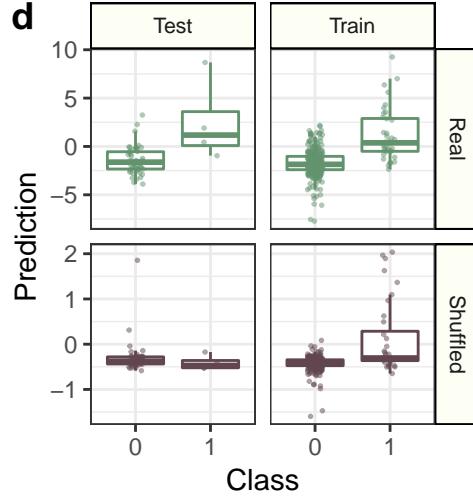
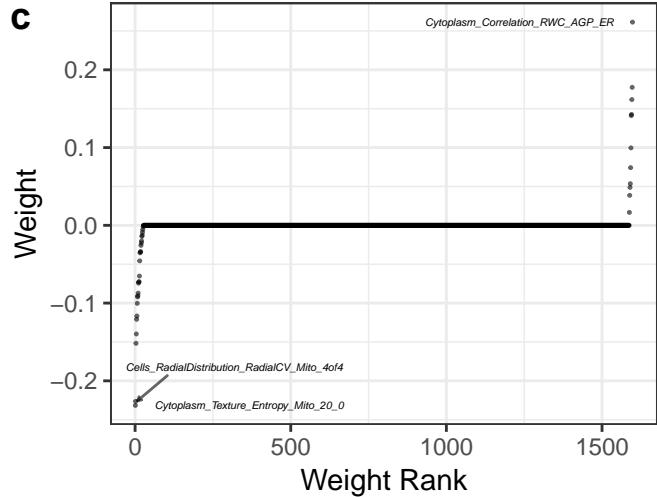
Performance: cc_polyplloid_n_spots_per_nucleus_area_mean



Data: — Real ····· Shuffled

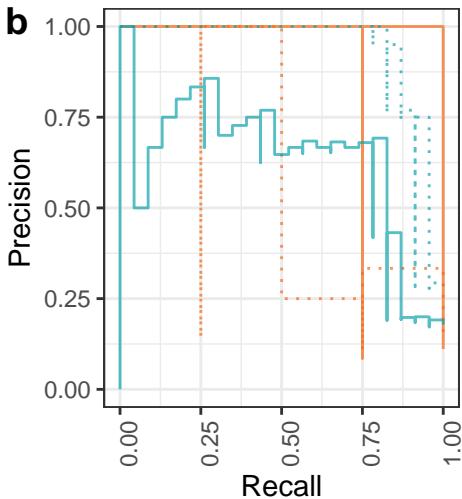
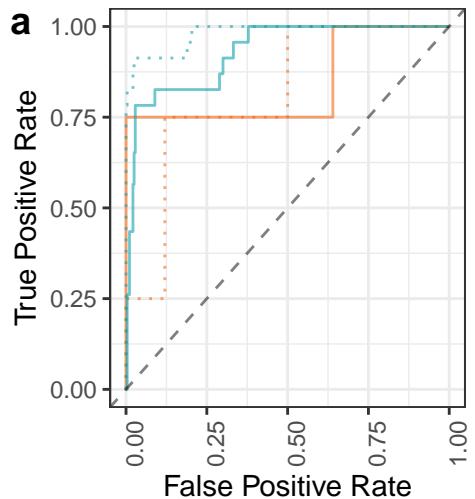
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.86	0.58	Train	False	36
0.90	0.55	Test	False	36
0.76	0.53	Train	True	36
0.32	0.09	Test	True	36



Shuffled
False
True

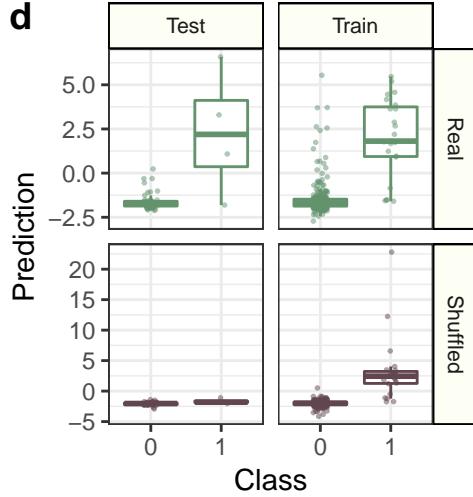
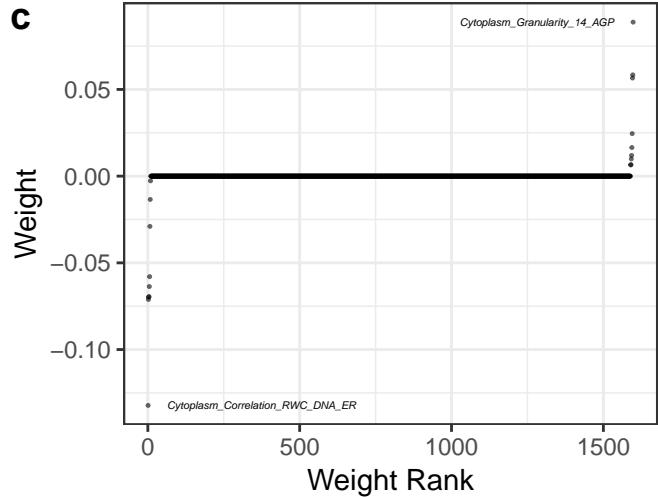
Performance: vb_percent_dead_only



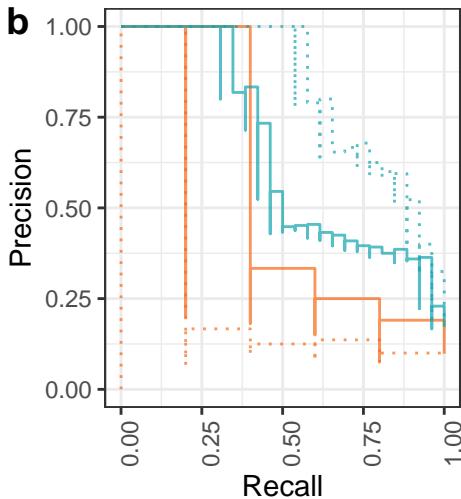
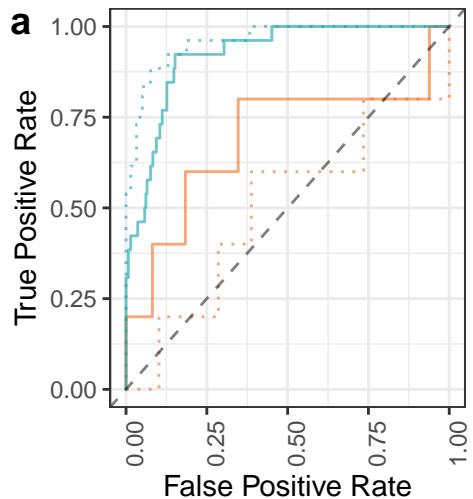
Data: — Real ··· Shuffled

Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.93	0.61	Train	False	23
0.84	0.78	Test	False	23
0.98	0.92	Train	True	23
0.82	0.43	Test	True	23



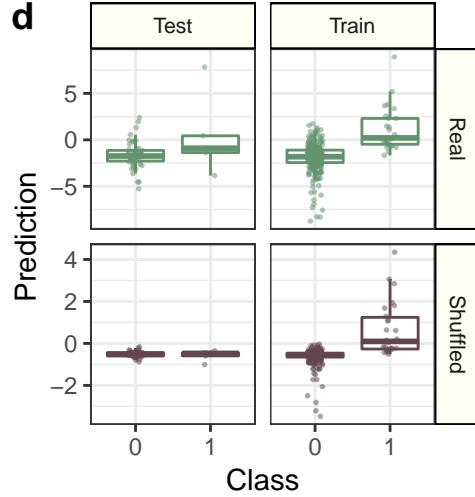
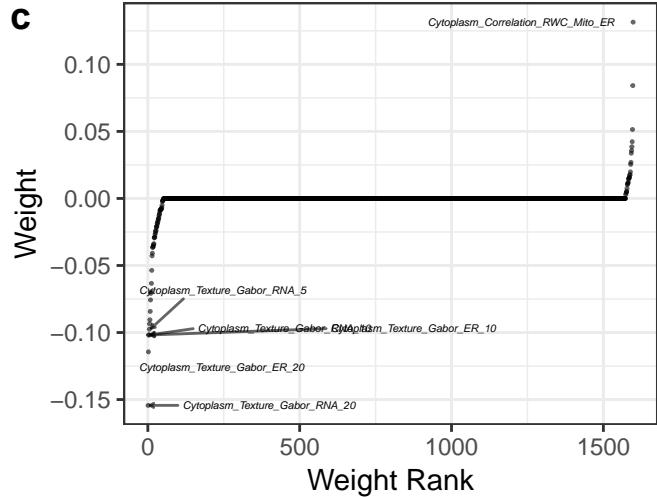
Performance: cc_all_n_spots_mean



Data: — Real ····· Shuffled

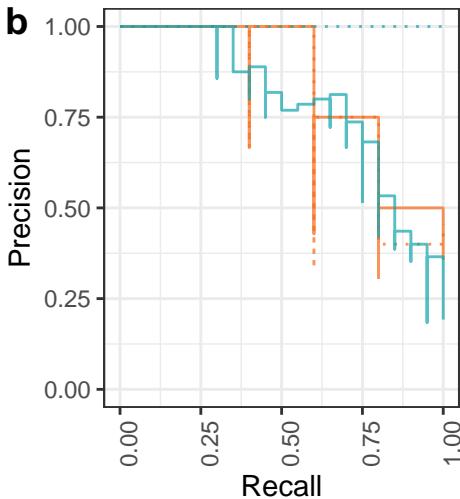
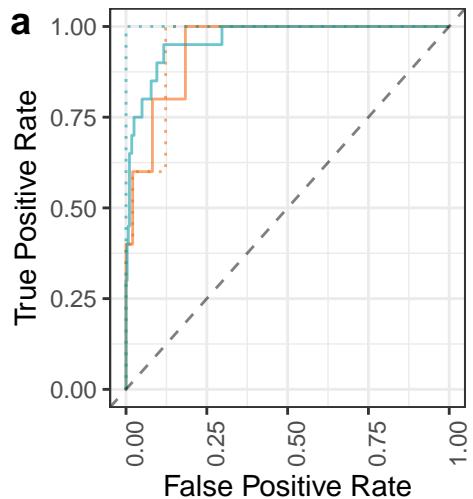
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.92	0.62	Train	False	26
0.69	0.37	Test	False	26
0.96	0.80	Train	True	26
0.50	0.12	Test	True	26



Shuffled
— False
— True

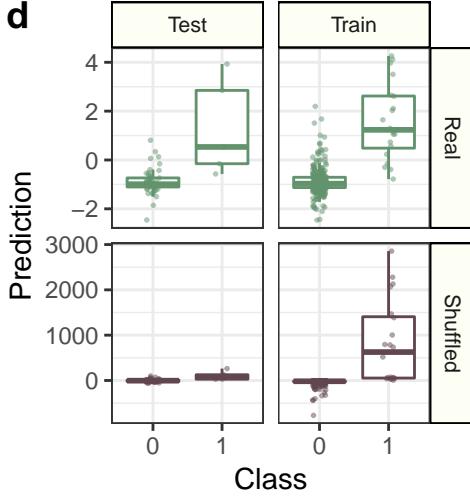
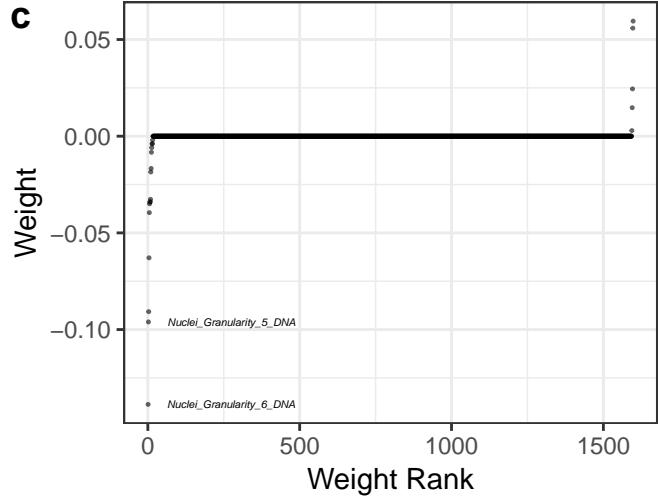
Performance: cc_all_nucleus_area_mean



Data: — Real ··· Shuffled

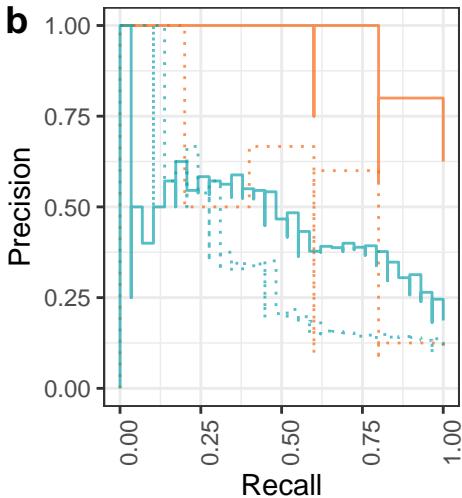
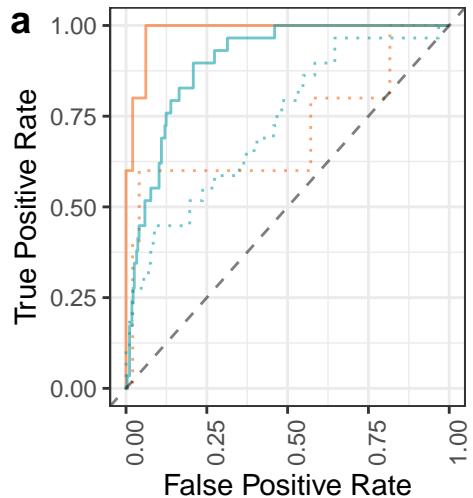
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.96	0.75	Train	False	20
0.94	0.72	Test	False	20
1.00	1.00	Train	True	20
0.95	0.72	Test	True	20



Shuffled
— False
— True

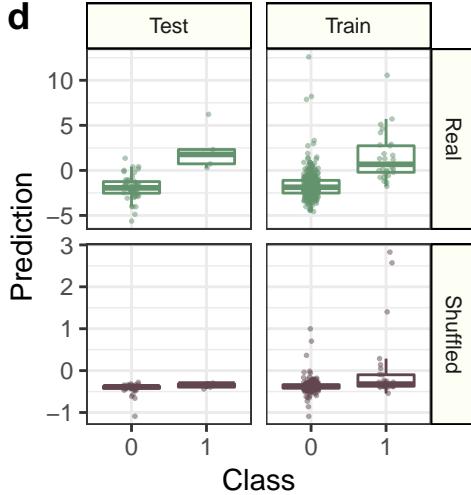
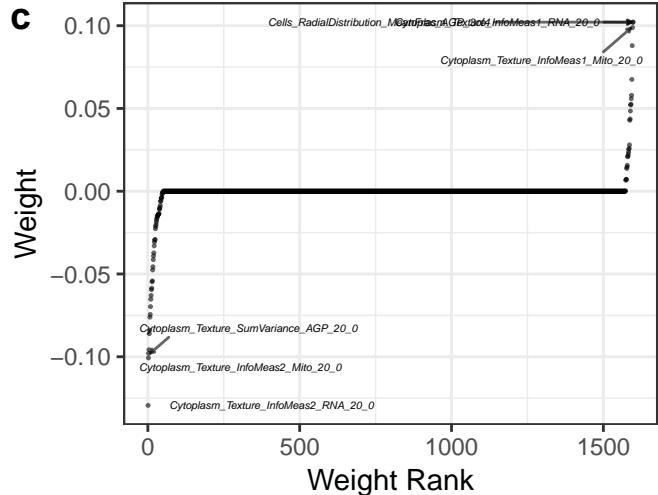
Performance: cc_cc_g2_ph3_pos_early_mitosis_mean



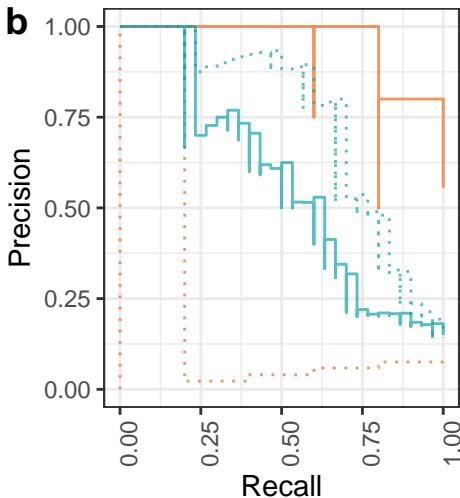
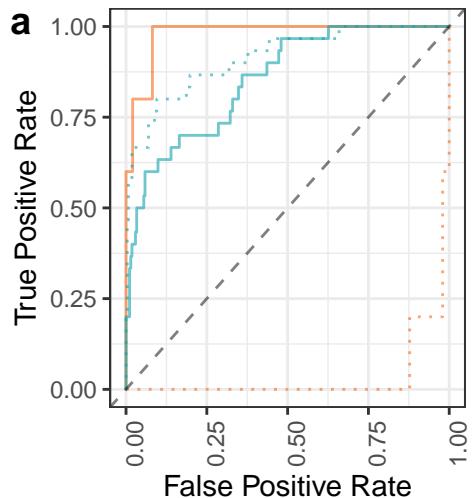
Data: — Real ····· Shuffled

Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.90	0.44	Train	False	29
0.98	0.88	Test	False	29
0.73	0.35	Train	True	29
0.71	0.40	Test	True	29



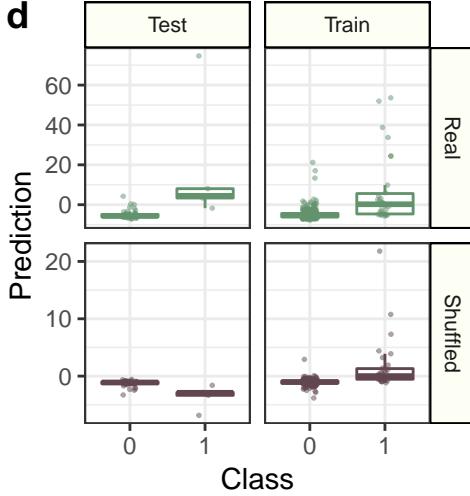
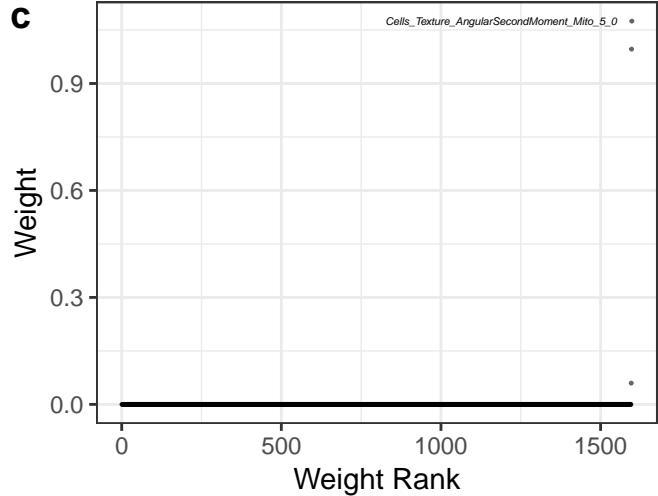
Performance: cc_cc_n_spots_per_nucleus_area_mean



Data: — Real ··· Shuffled

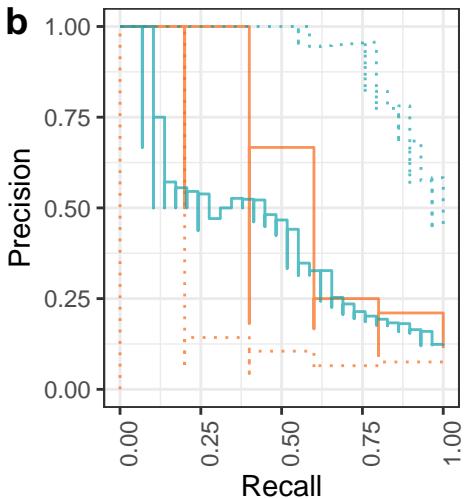
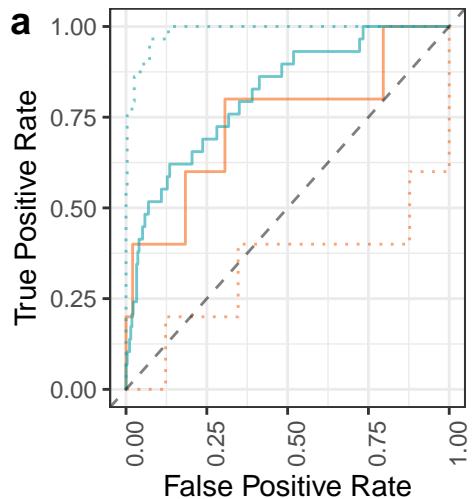
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.85	0.55	Train	False	30
0.98	0.87	Test	False	30
0.91	0.73	Train	True	30
0.03	0.06	Test	True	30



Shuffled
False
True

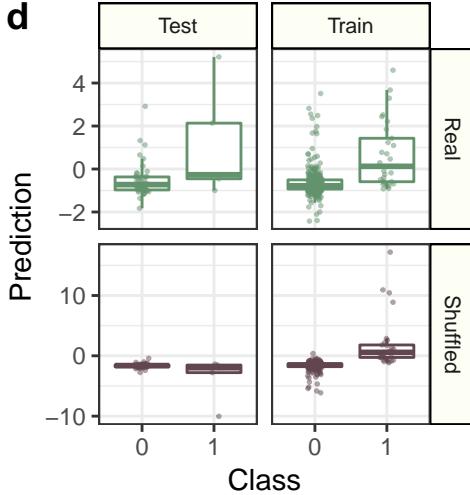
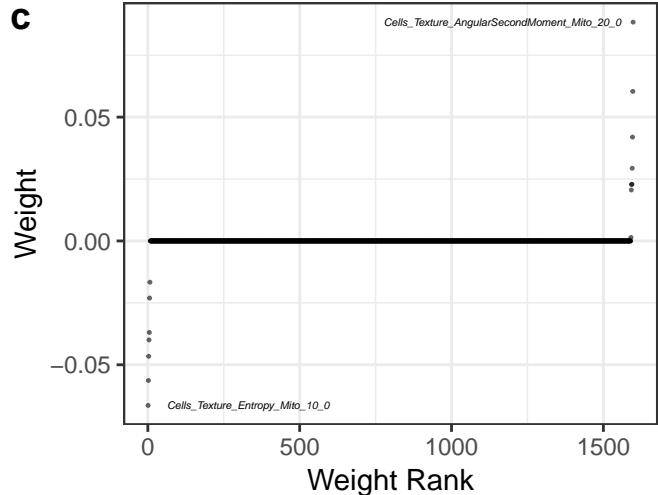
Performance: cc_edu_pos_n_spots_per_nucleus_area_mean



Data: — Real ··· Shuffled

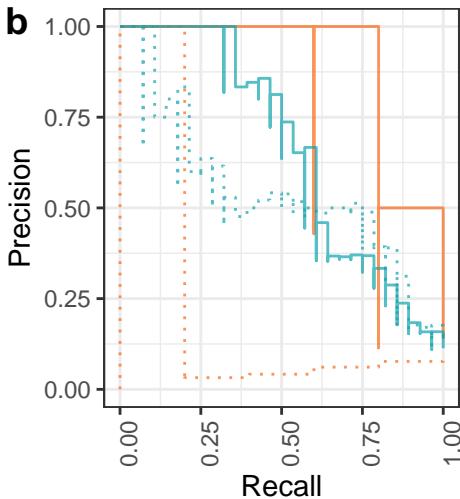
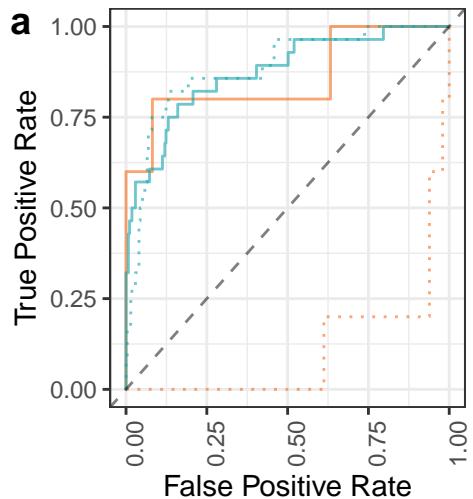
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.81	0.41	Train	False	29
0.74	0.45	Test	False	29
0.99	0.91	Train	True	29
0.33	0.10	Test	True	29



Shuffled
— False
— True

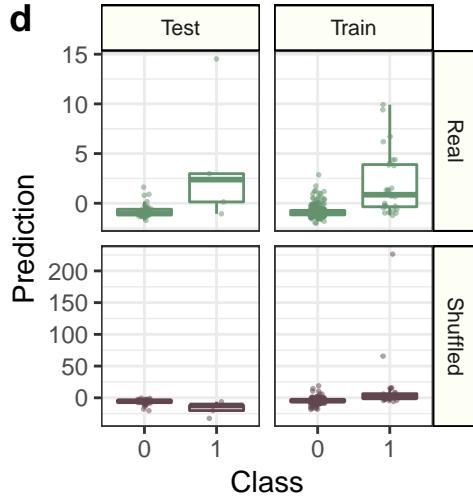
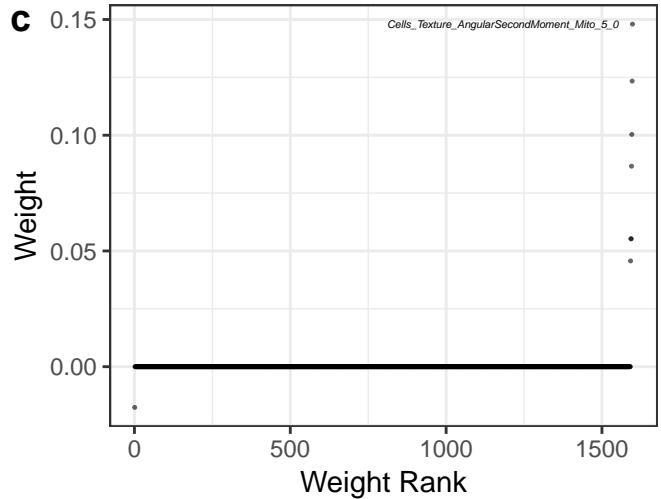
Performance: cc_g1_n_spots_mean



Data: — Real ··· Shuffled

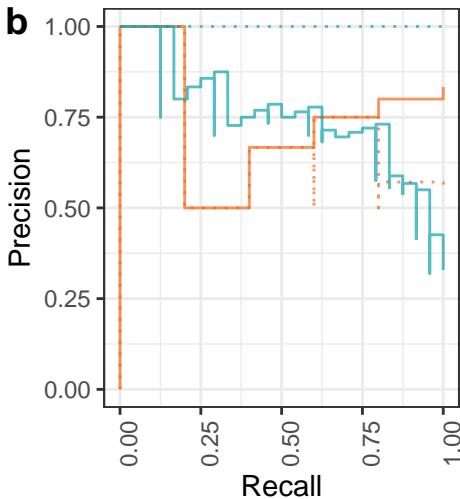
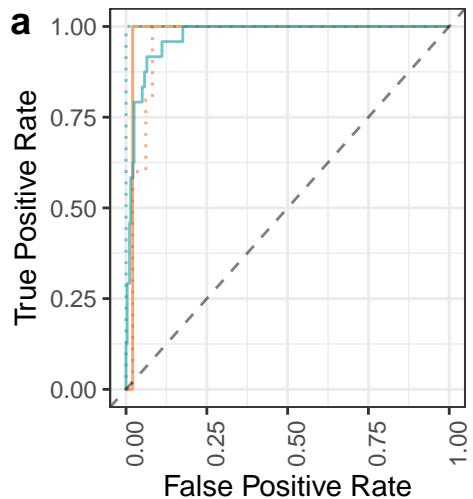
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.87	0.64	Train	False	28
0.86	0.73	Test	False	28
0.88	0.52	Train	True	28
0.11	0.06	Test	True	28



Shuffled
— False
— True

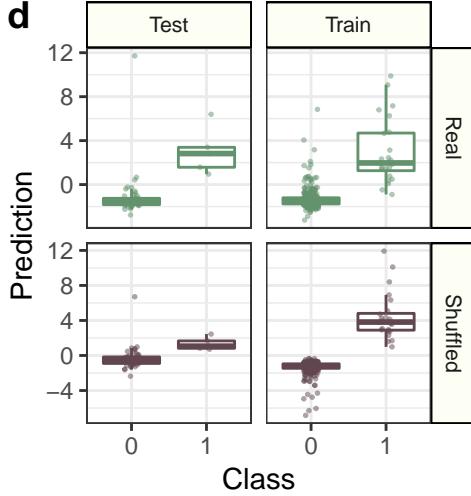
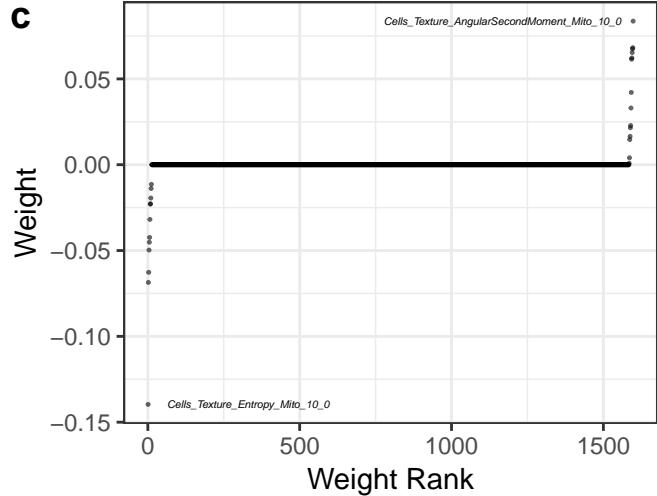
Performance: cc_g1_plus_g2



Data: — Real ··· Shuffled

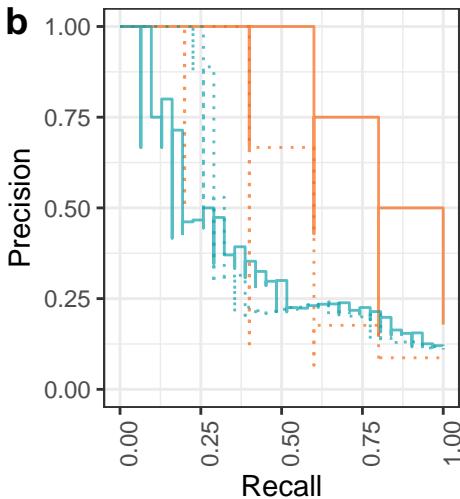
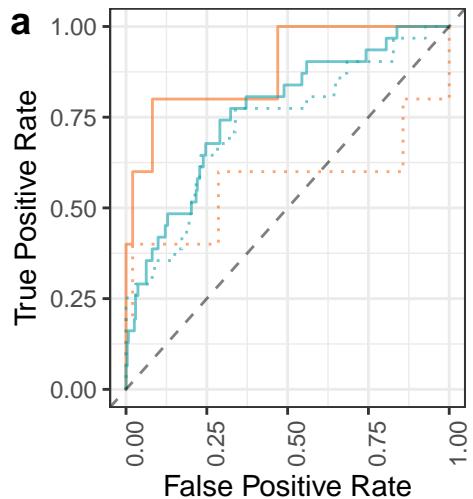
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.97	0.74	Train	False	24
0.98	0.71	Test	False	24
1.00	1.00	Train	True	24
0.96	0.61	Test	True	24



Shuffled
— False
— True

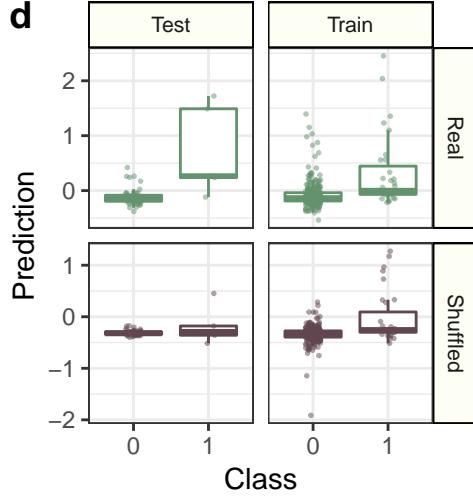
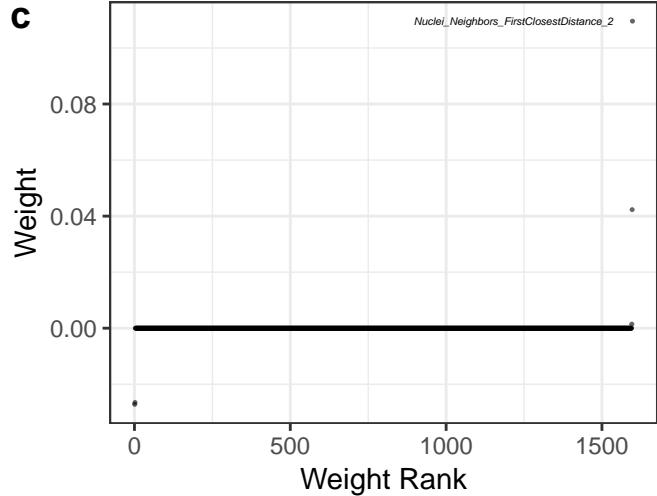
Performance: cc_g2_ph3_pos_n_spots_per_nucleus_area_mean



Data: — Real ··· Shuffled

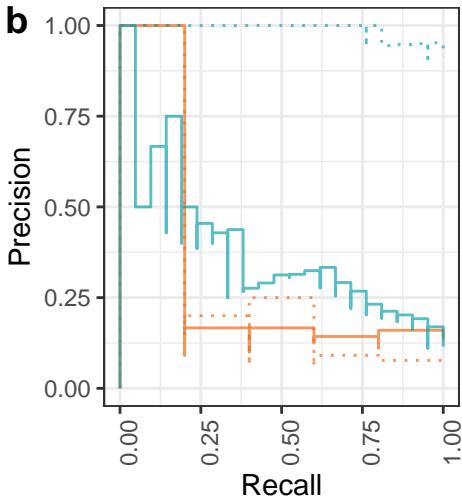
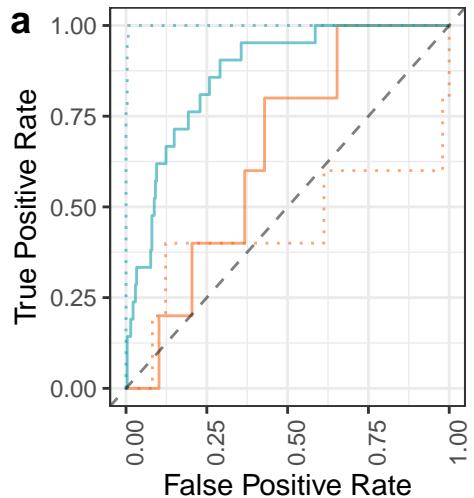
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.76	0.36	Train	False	31
0.89	0.69	Test	False	31
0.73	0.41	Train	True	31
0.57	0.40	Test	True	31



Shuffled
— False
— True

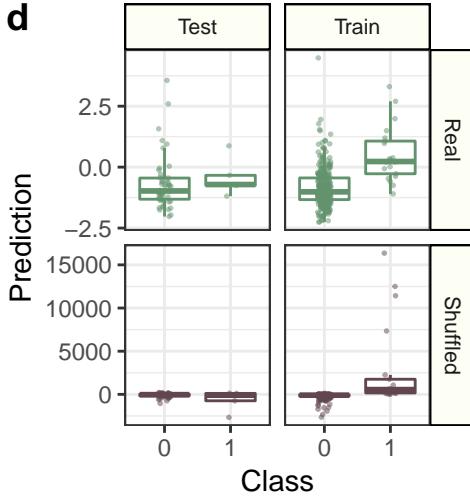
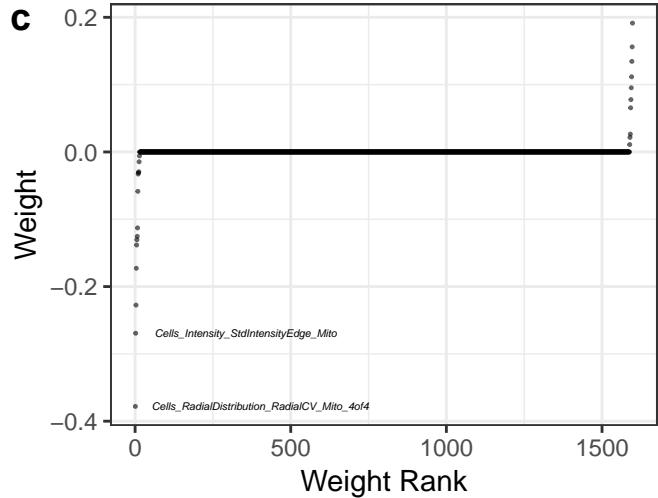
Performance: cc_mitosis_ph3_neg_n_spots_mean



Data: — Real ···· Shuffled

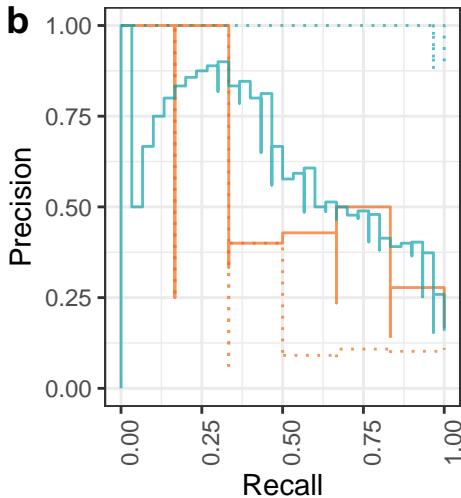
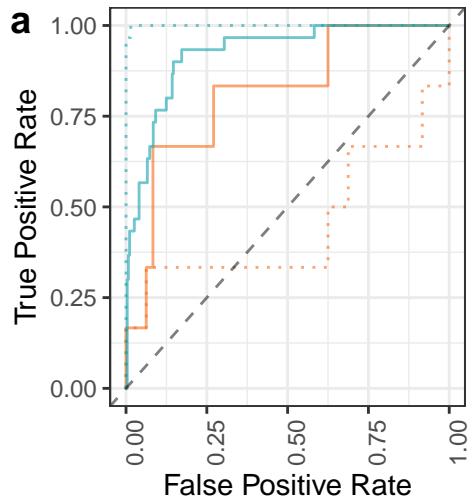
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.87	0.35	Train	False	21
0.65	0.15	Test	False	21
1.00	0.99	Train	True	21
0.44	0.14	Test	True	21



Shuffled
— False
— True

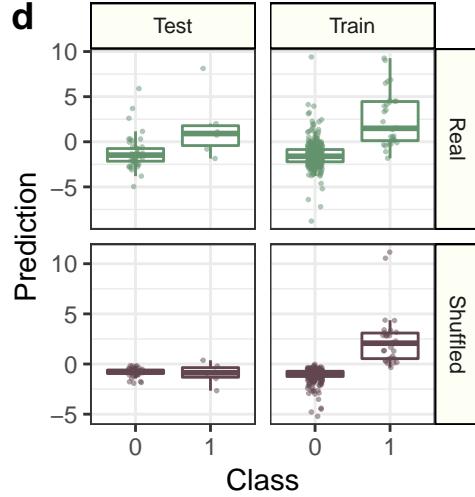
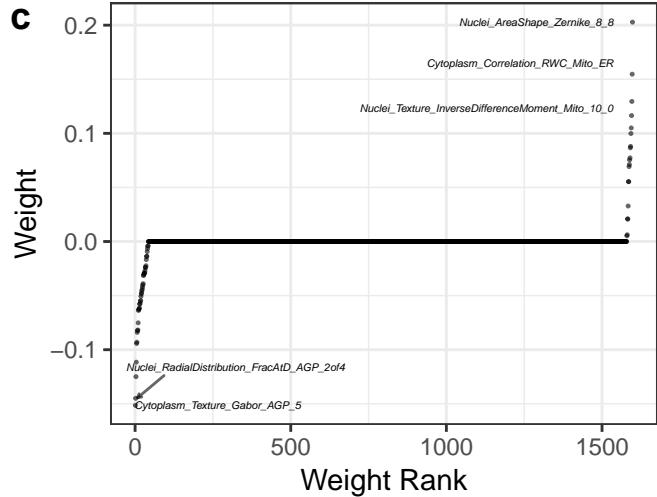
Performance: cc_all_high_n_spots_h2ax_mean



Data: — Real ····· Shuffled

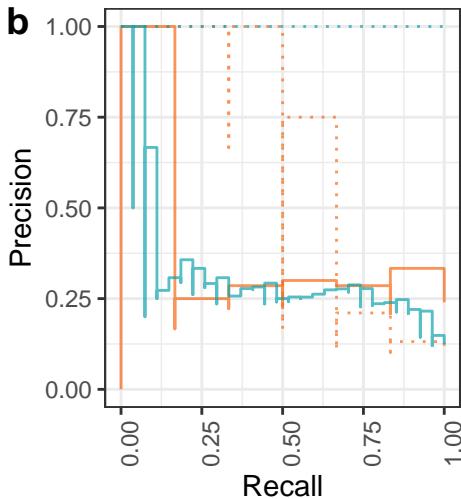
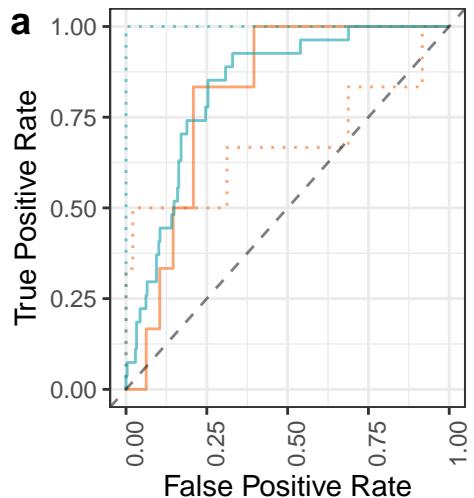
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.92	0.61	Train	False	30
0.81	0.46	Test	False	30
1.00	1.00	Train	True	30
0.45	0.30	Test	True	30



Shuffled
— False
— True

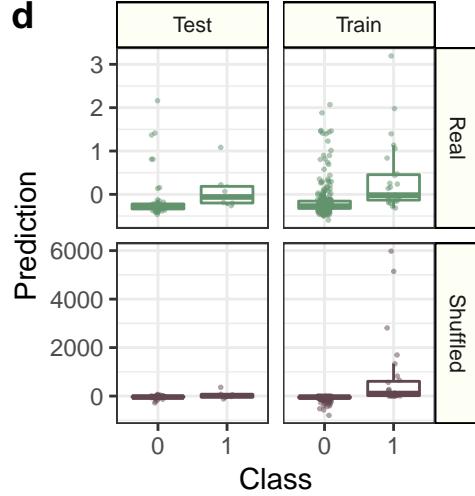
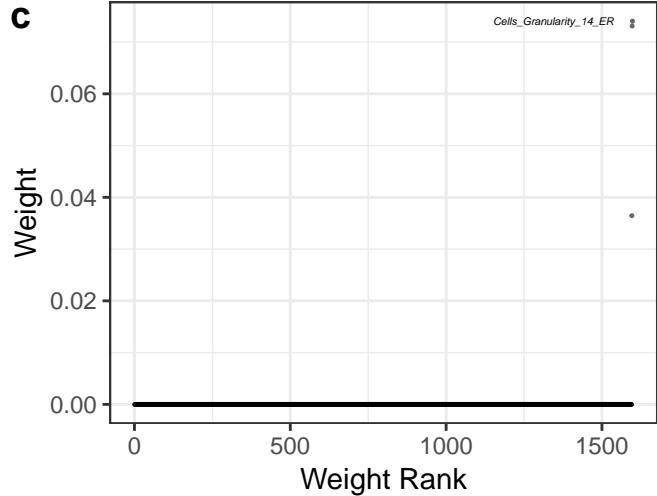
Performance: cc_all_n_spots_per_nucleus_area_mean



Data: — Real ····· Shuffled

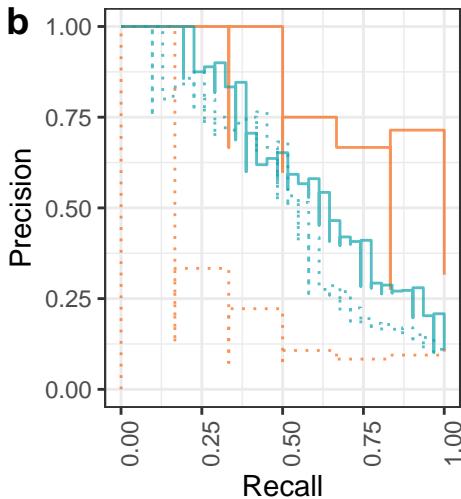
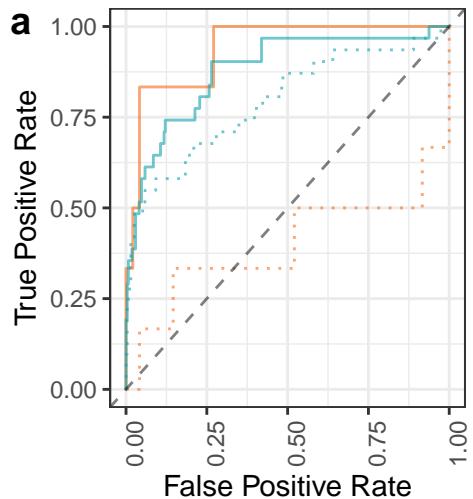
Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.83	0.30	Train	False	27
0.81	0.28	Test	False	27
1.00	1.00	Train	True	27
0.68	0.54	Test	True	27



Shuffled
— False
— True

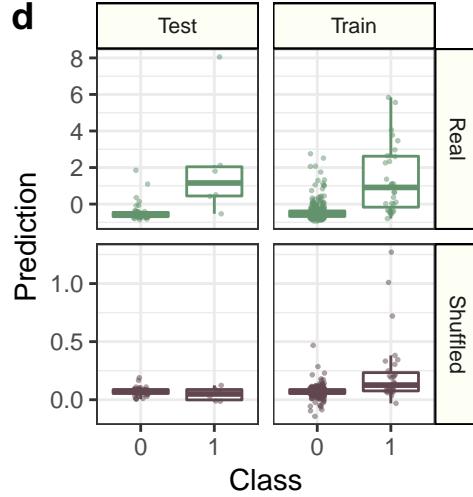
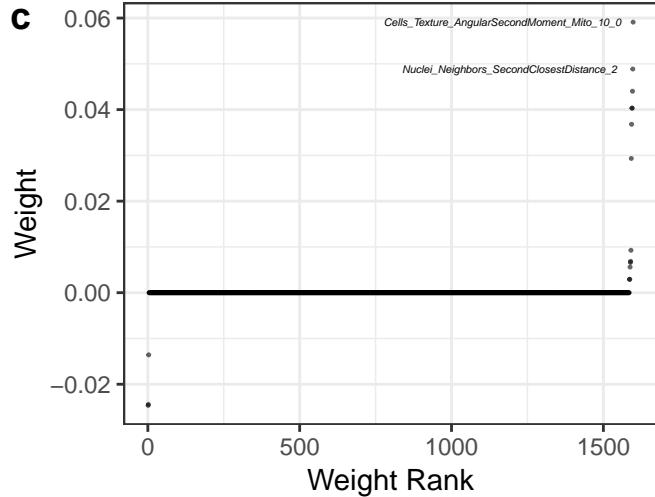
Performance: cc_g1_n_spots_per_nucleus_area_mean



Data: — Real ··· Shuffled

Fit: — Test — Train

AUROC	AUPR	fit	shuffle	pos_n
0.88	0.61	Train	False	31
0.94	0.74	Test	False	31
0.79	0.52	Train	True	31
0.40	0.16	Test	True	31



Shuffled
— False
— True