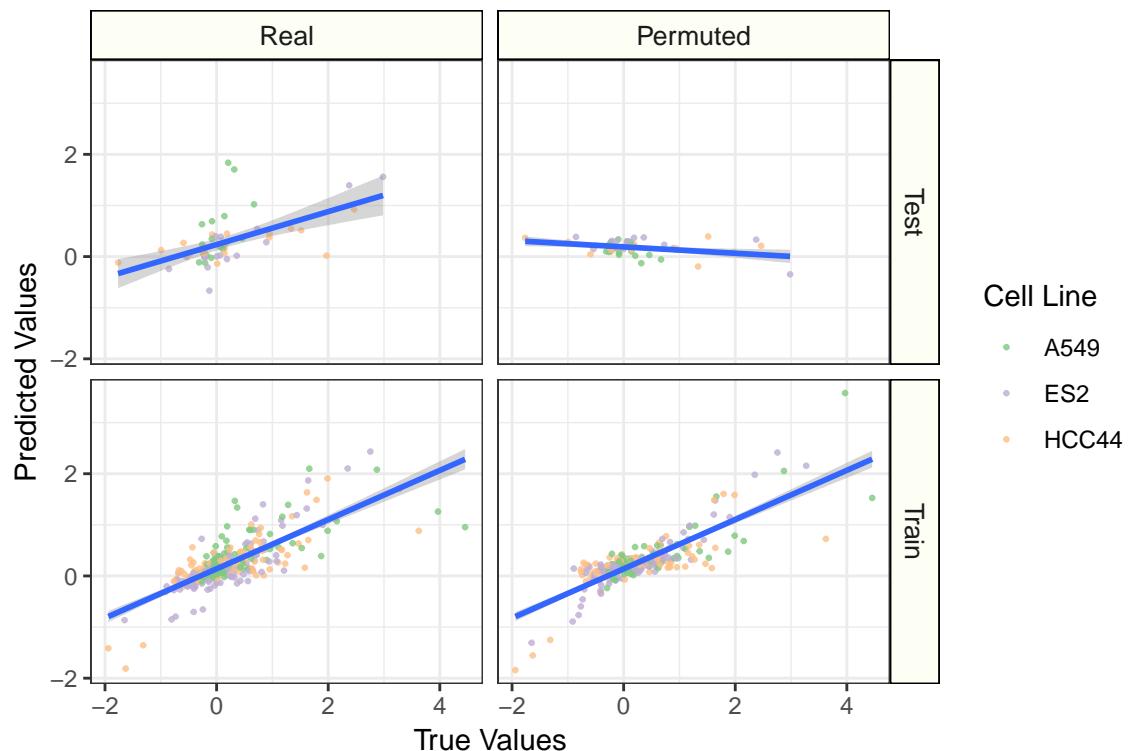
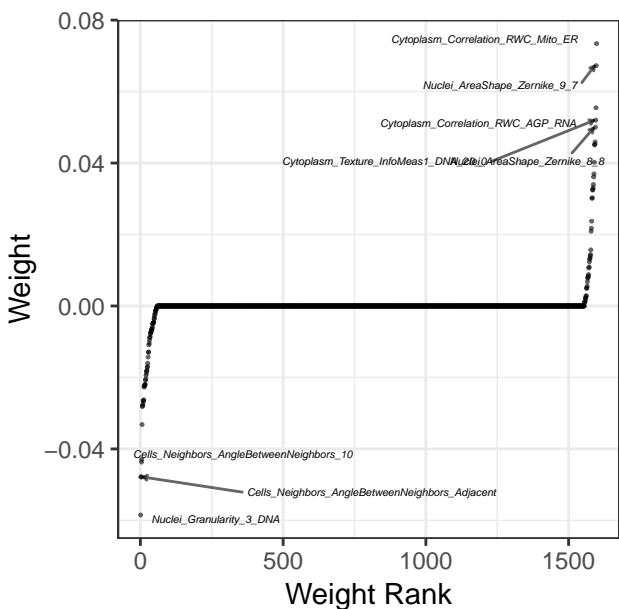


Performance: cc_all_high_n_spots_h2ax_mean

Transform: raw

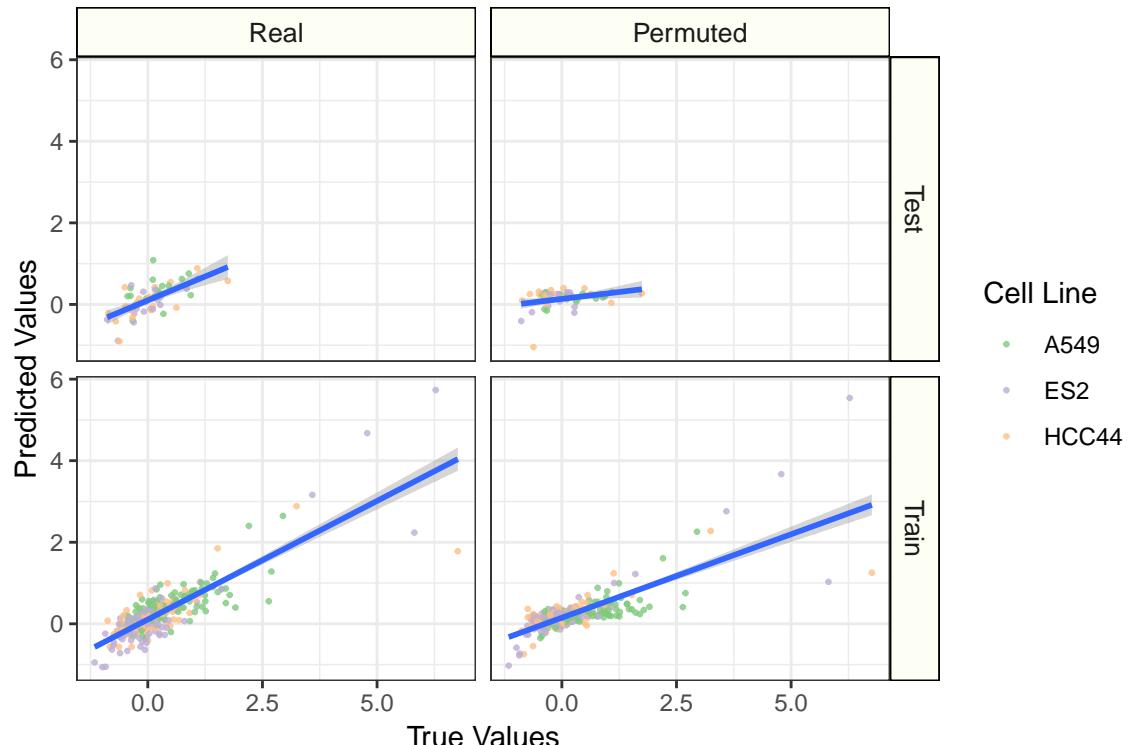


fit	shuffle	transform	r2	value
Train	Real	raw	0.56	0.27
Test	Real	raw	0.29	0.49
Train	Shuffle	raw	0.61	0.24
Test	Shuffle	raw	-0.15	0.80

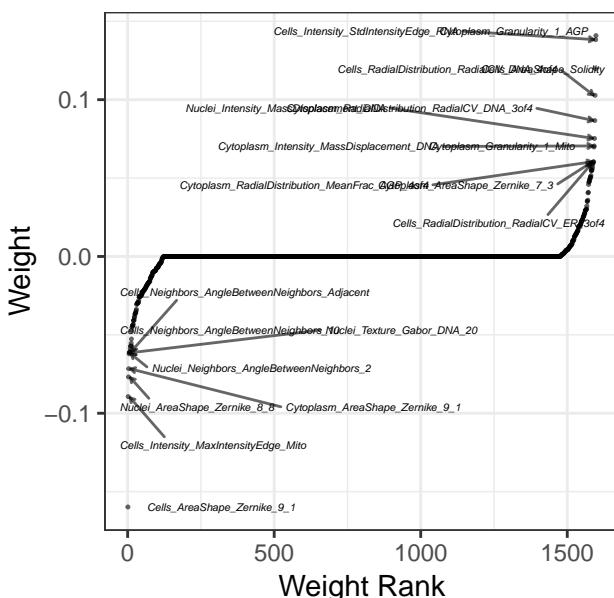


Performance: cc_all_large_notround_polinuclear_mean

Transform: raw

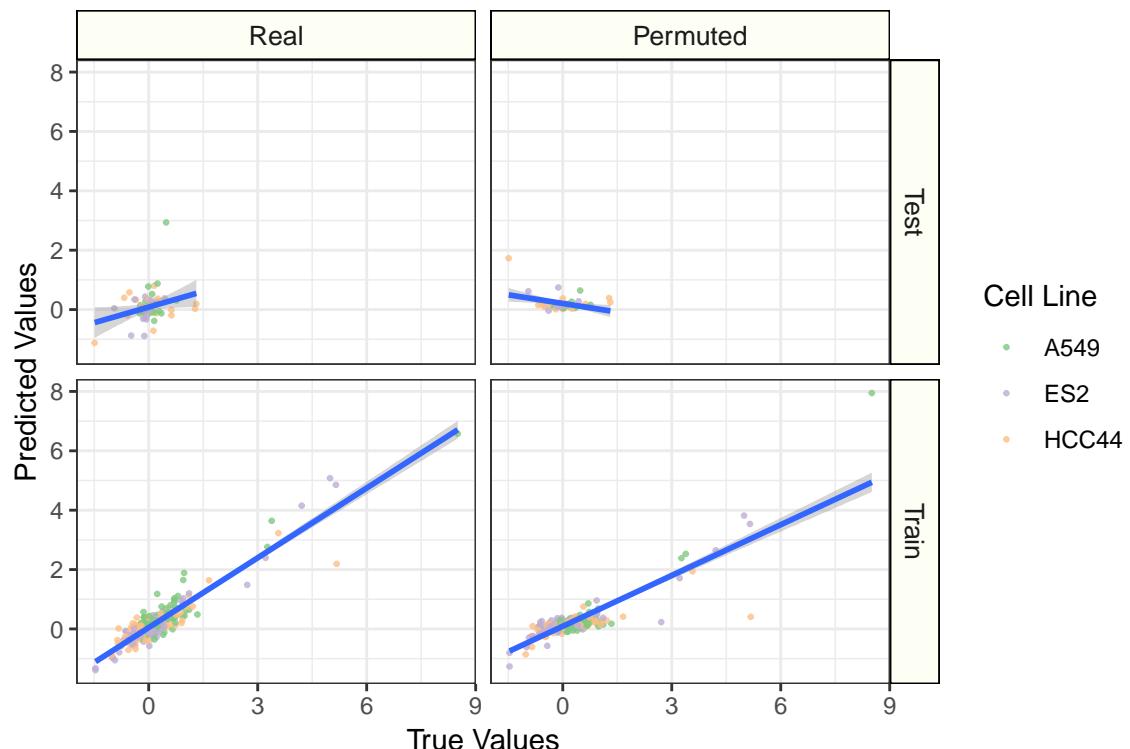


fit	shuffle	transform	r2	value
Train	Real	raw	0.68	0.29
Test	Real	raw	0.35	0.18
Train	Shuffle	raw	0.53	0.42
Test	Shuffle	raw	0.05	0.26

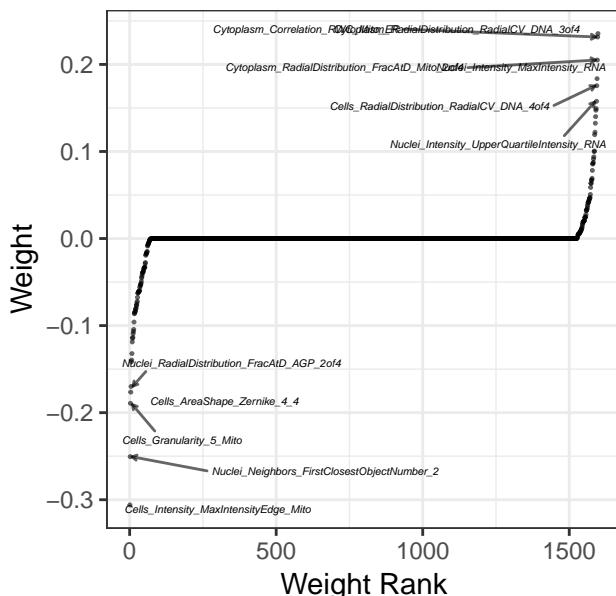


Performance: cc_all_large_round_polyplloid_mean

Transform: raw

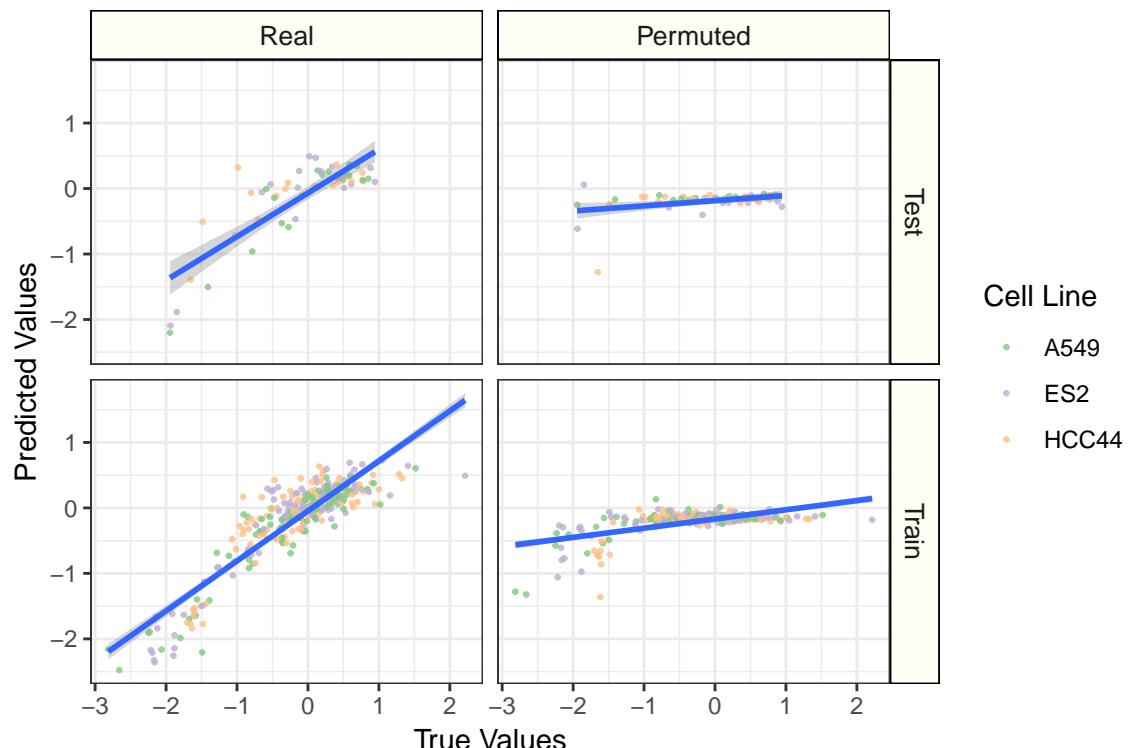


fit	shuffle	transform	r2	value
Train	Real	raw	0.85	0.13
Test	Real	raw	-0.86	0.37
Train	Shuffle	raw	0.70	0.27
Test	Shuffle	raw	-0.91	0.38

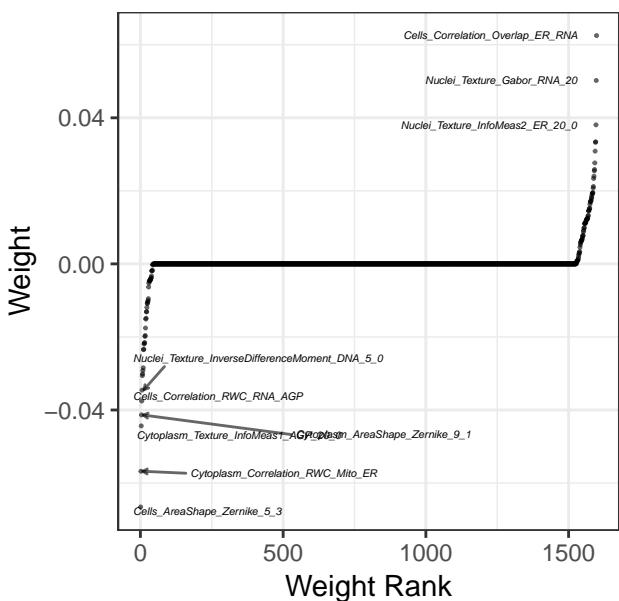


Performance: cc_all_n_objects

Transform: raw

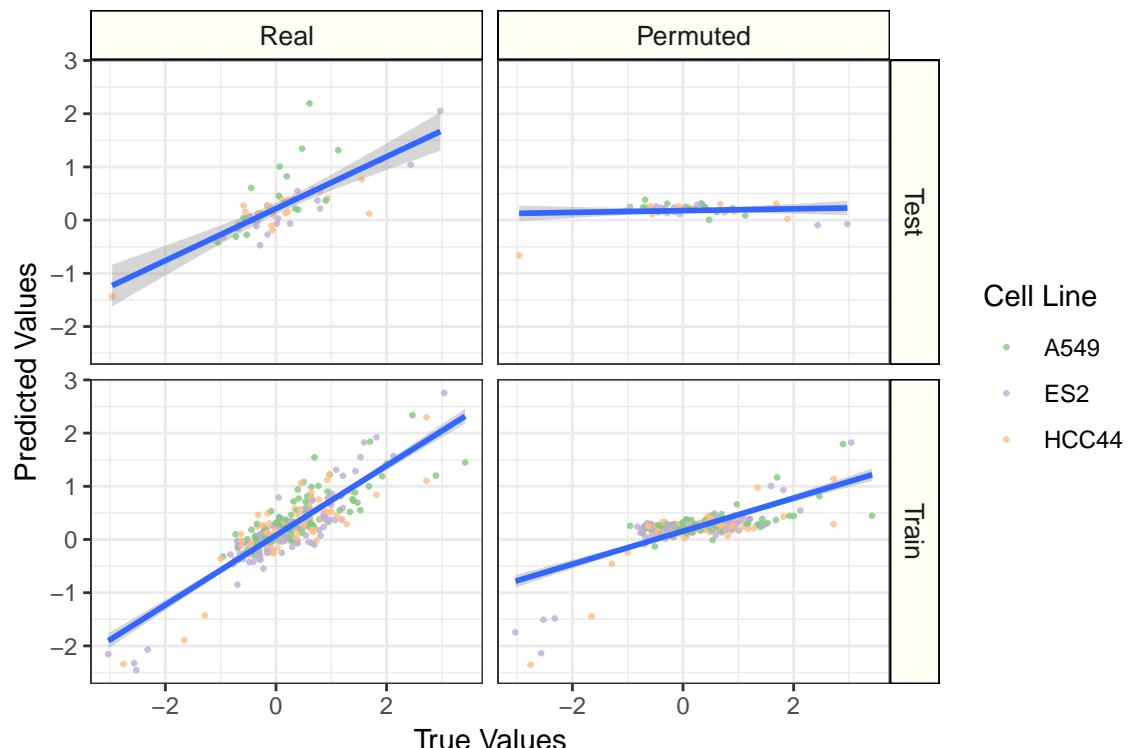


fit	shuffle	transform	r2	value
Train	Real	raw	0.80	0.12
Test	Real	raw	0.67	0.19
Train	Shuffle	raw	0.23	0.48
Test	Shuffle	raw	0.09	0.53

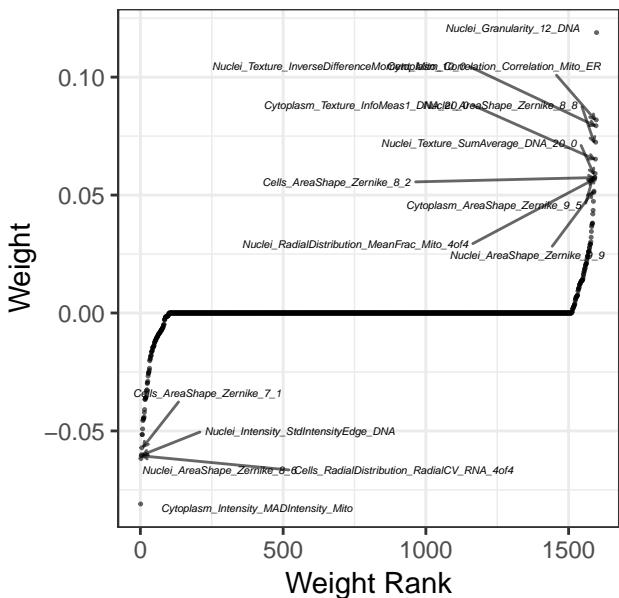


Performance: cc_all_n_spots_mean

Transform: raw

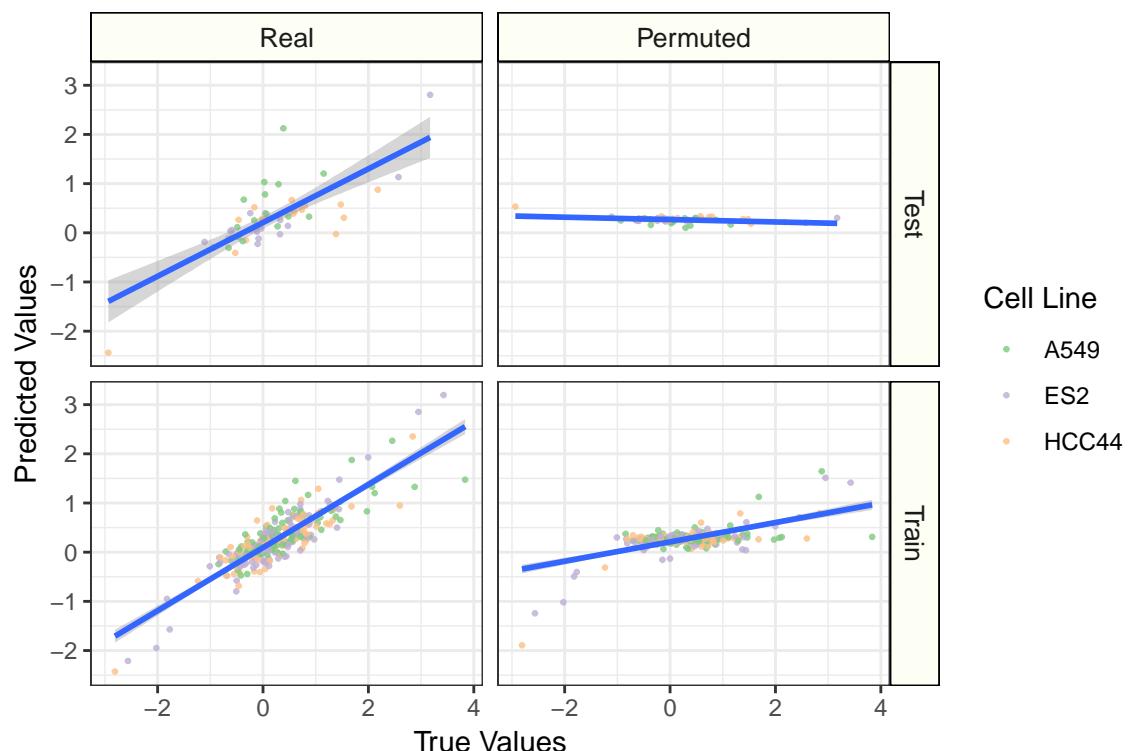


fit	shuffle	transform	r2	value
Train	Real	raw	0.74	0.17
Test	Real	raw	0.52	0.39
Train	Shuffle	raw	0.43	0.36
Test	Shuffle	raw	0.01	0.81

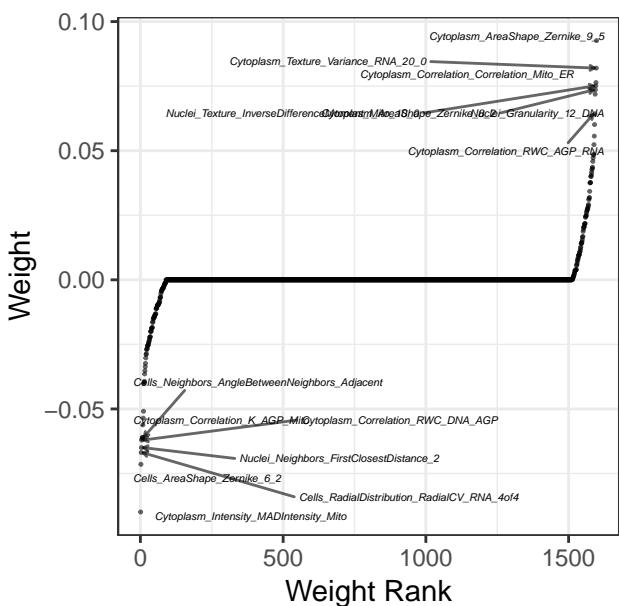


Performance: cc_all_n_spots_per_nucleus_area_mean

Transform: raw

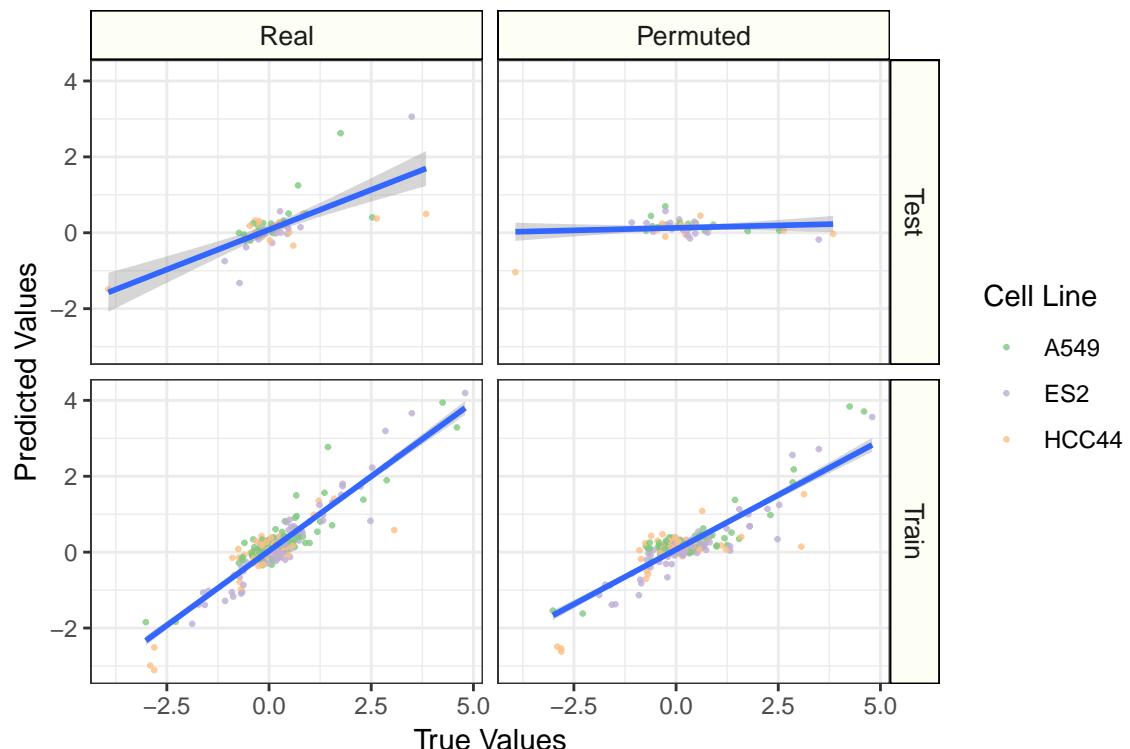


fit	shuffle	transform	r2	value
Train	Real	raw	0.74	0.16
Test	Real	raw	0.54	0.39
Train	Shuffle	raw	0.29	0.42
Test	Shuffle	raw	-0.07	0.91

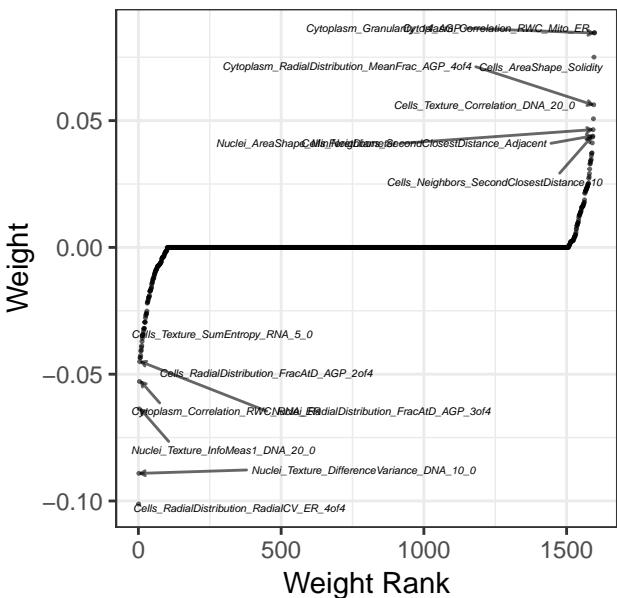


Performance: cc_all_nucleus_area_mean

Transform: raw

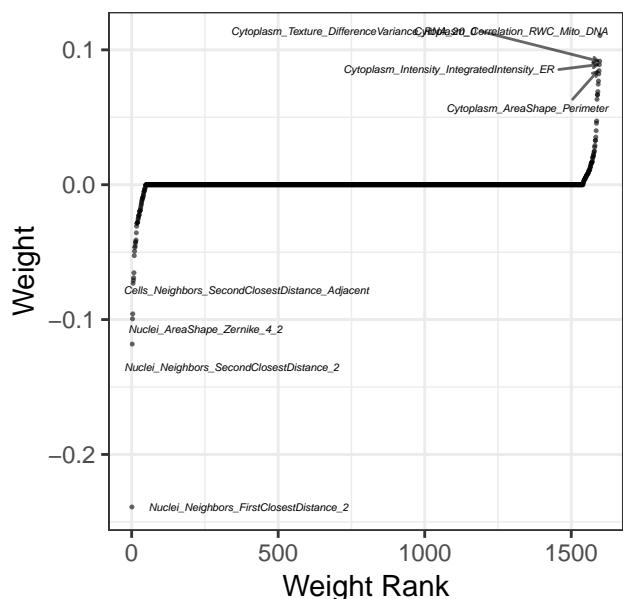
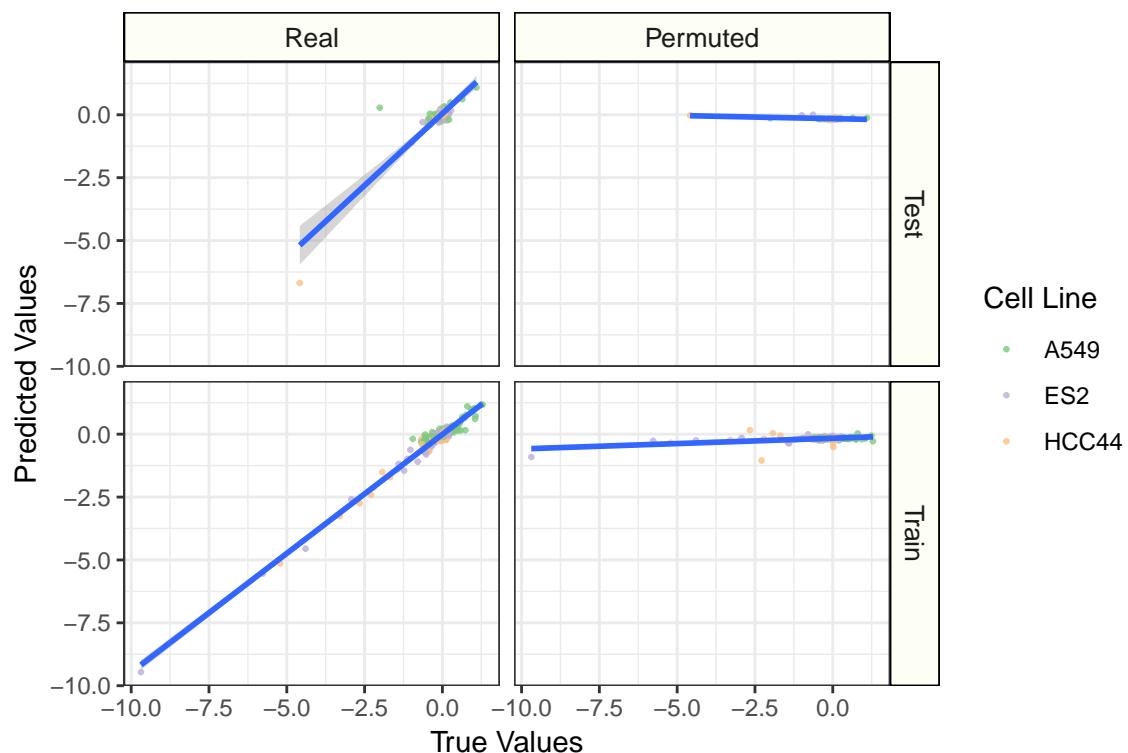


fit	shuffle	transform	r2	value
Train	Real	raw	0.84	0.14
Test	Real	raw	0.48	0.64
Train	Shuffle	raw	0.70	0.25
Test	Shuffle	raw	0.01	1.22



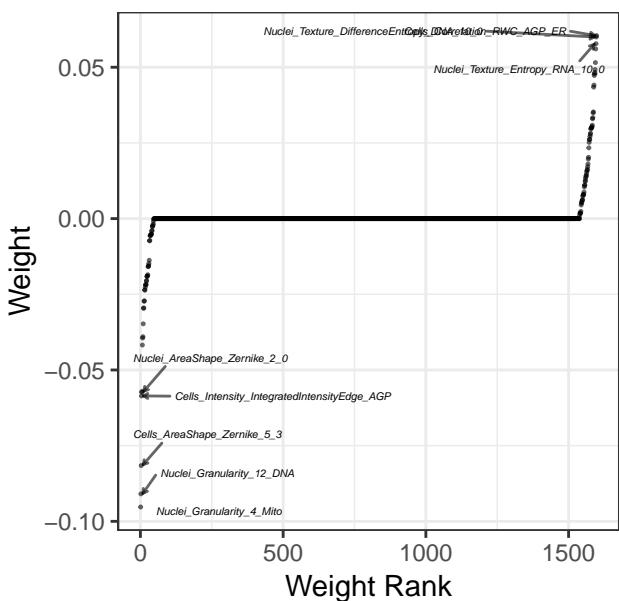
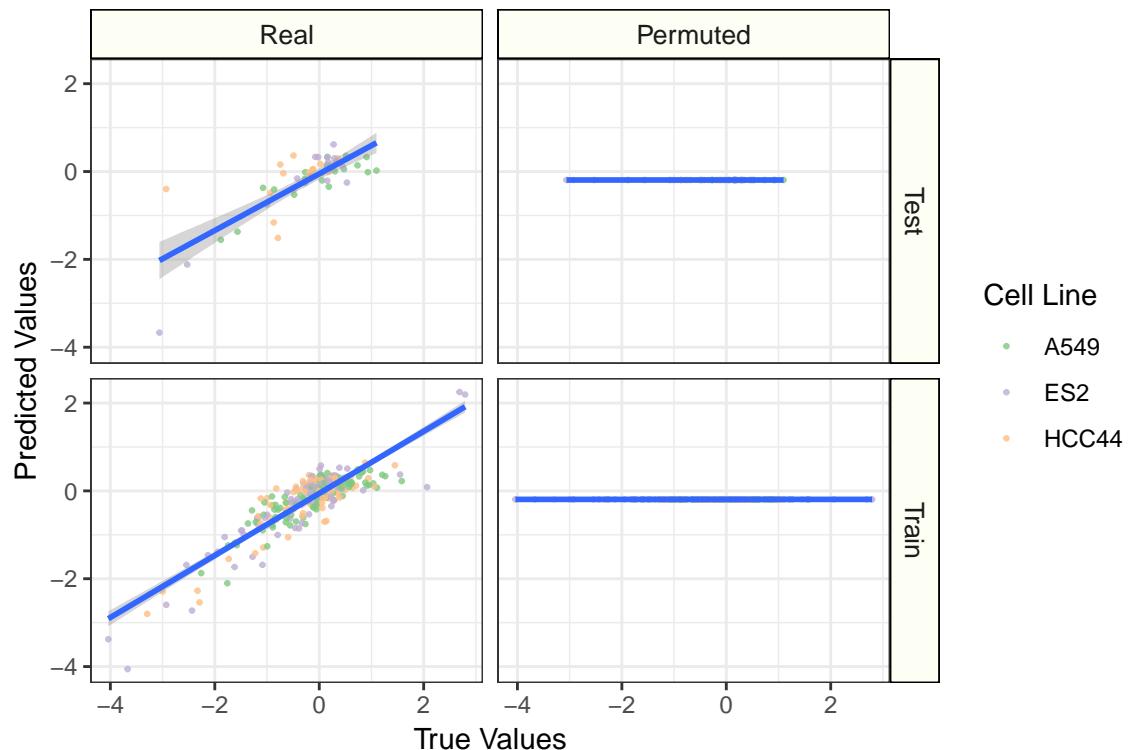
Performance: cc_all_nucleus_roundness_mean

Transform: raw



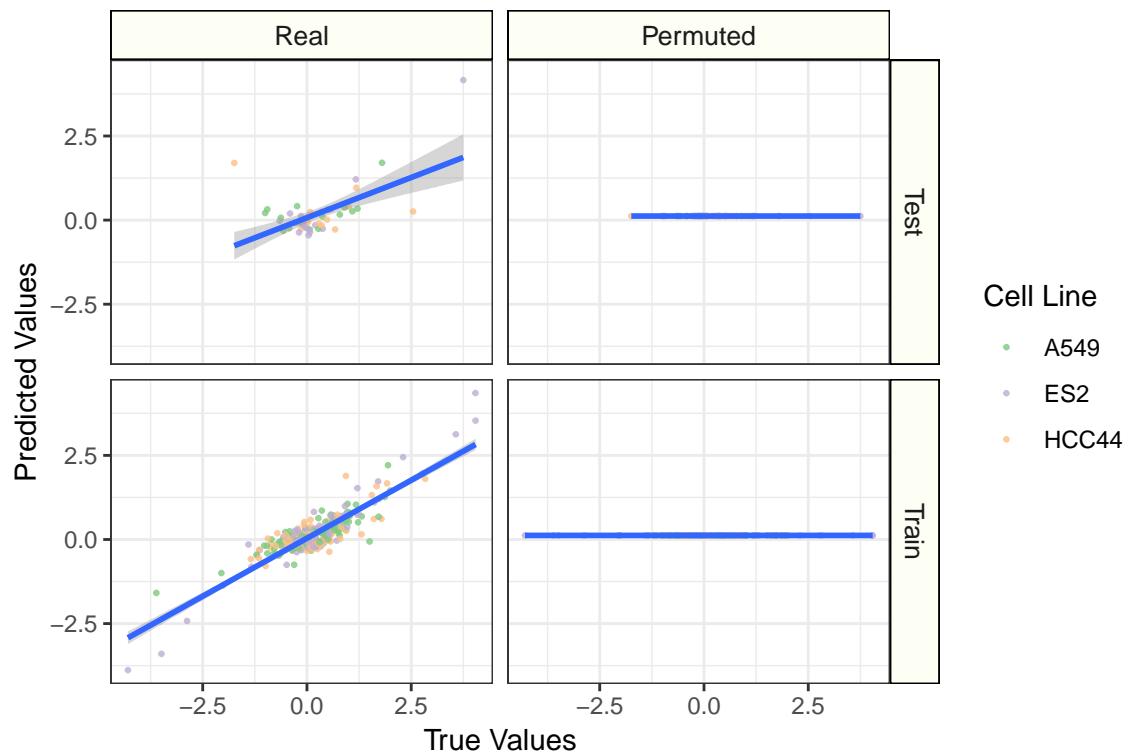
Performance: cc_cc_edu_pos_mean

Transform: raw

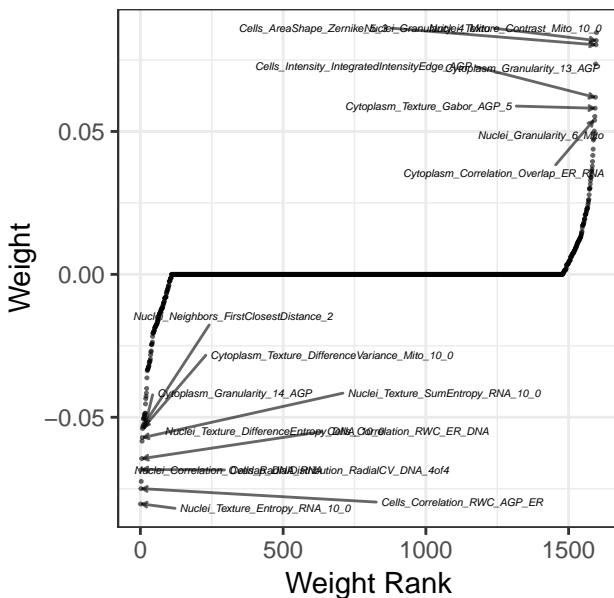


Performance: cc_cc_g1_mean

Transform: raw

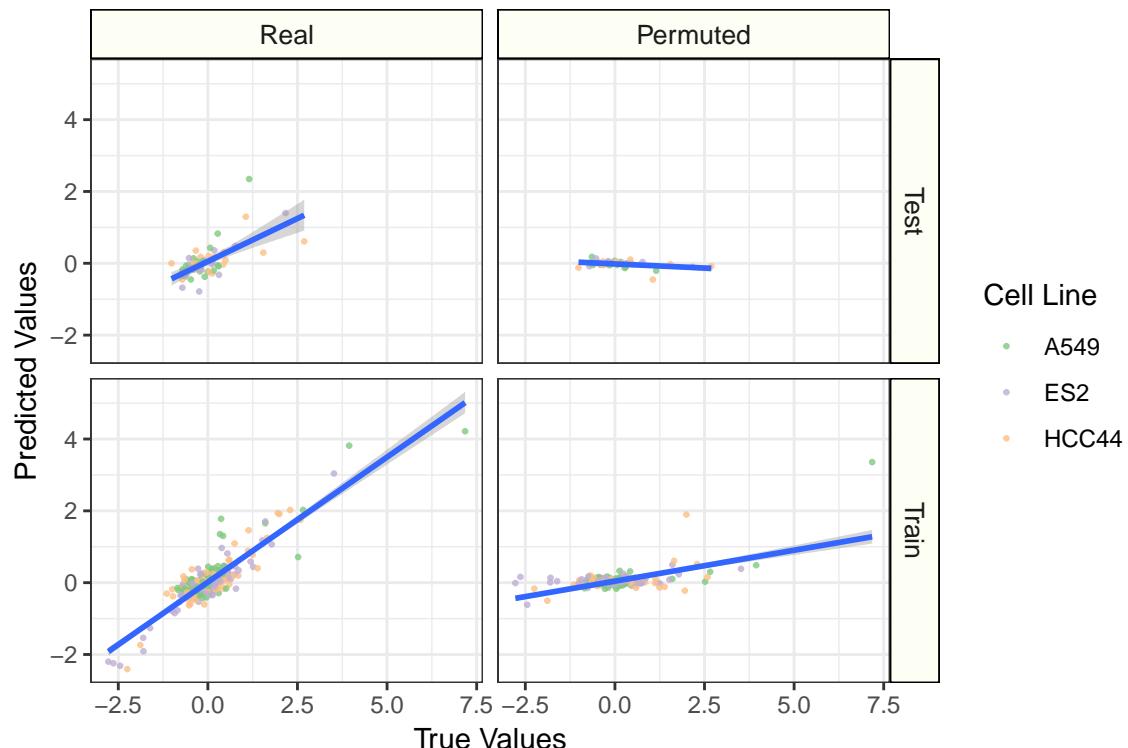


fit	shuffle	transform	r2	value
Train	Real	raw	0.77	0.18
Test	Real	raw	0.26	0.52
Train	Shuffle	raw	0.00	0.80
Test	Shuffle	raw	-0.02	0.71

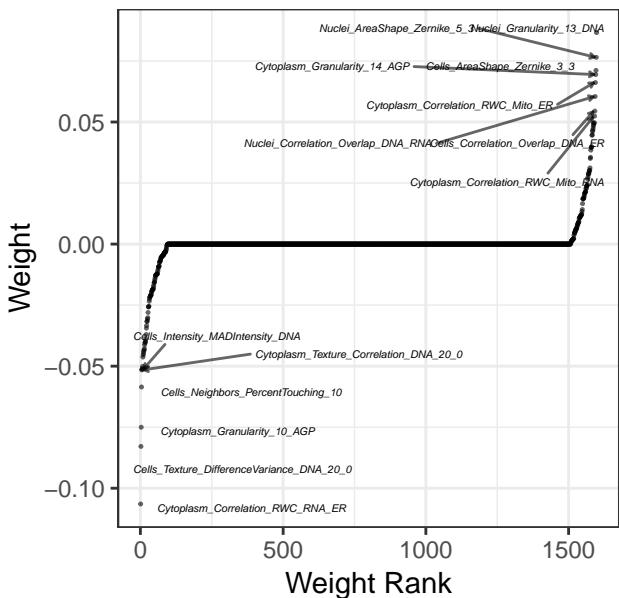


Performance: cc_cc_g2_ph3_neg_mean

Transform: raw

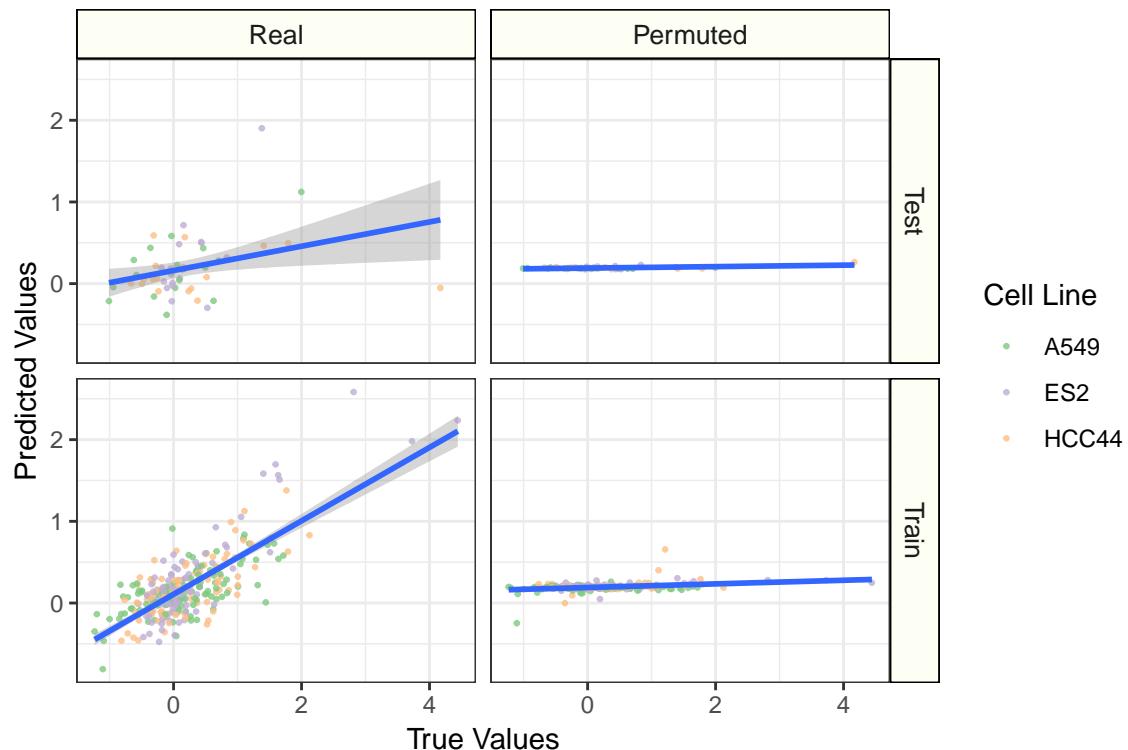


fit	shuffle	transform	r2	value
Train	Real	raw	0.78	0.16
Test	Real	raw	0.41	0.28
Train	Shuffle	raw	0.26	0.52
Test	Shuffle	raw	-0.11	0.52

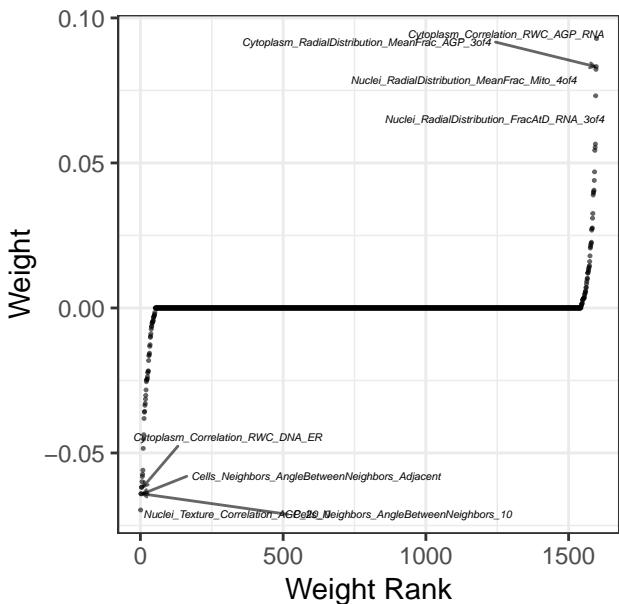


Performance: cc_cc_g2_ph3_pos_early_mitosis_mean

Transform: raw

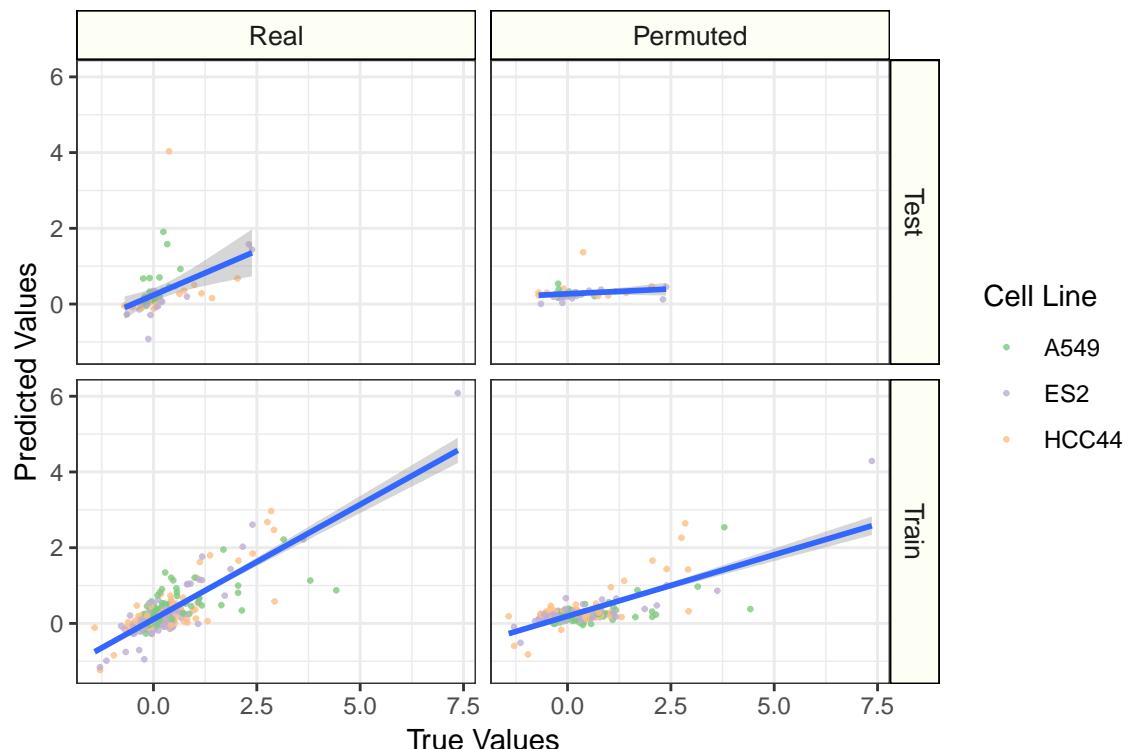


fit	shuffle	transform	r2	value
Train	Real	raw	0.55	0.21
Test	Real	raw	0.09	0.59
Train	Shuffle	raw	0.04	0.45
Test	Shuffle	raw	0.02	0.63

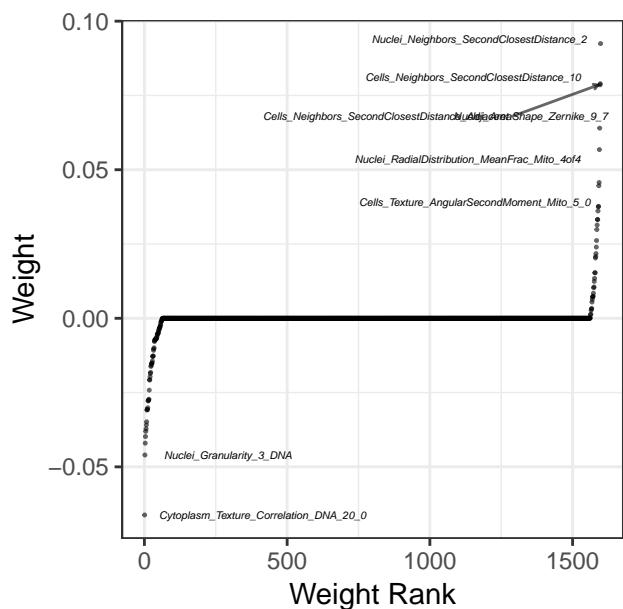


Performance: cc_cc_high_n_spots_h2ax_mean

Transform: raw

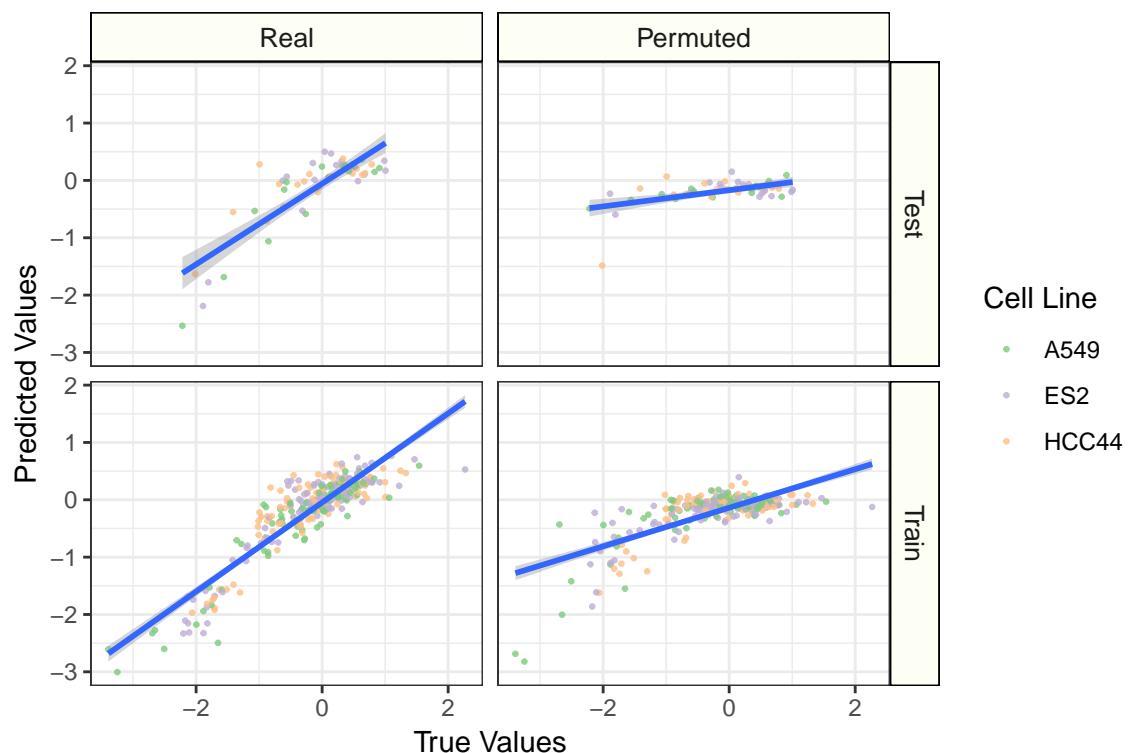


fit	shuffle	transform	r2	value
Train	Real	raw	0.67	0.24
Test	Real	raw	-0.27	0.54
Train	Shuffle	raw	0.45	0.41
Test	Shuffle	raw	0.01	0.43

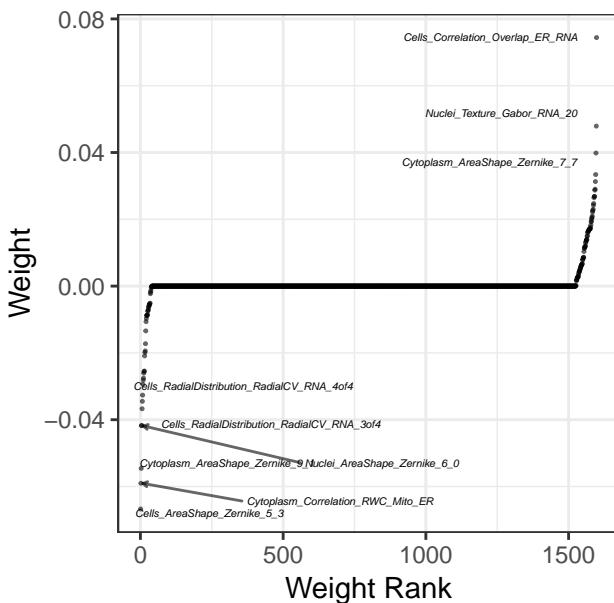


Performance: cc_cc_n_objects

Transform: raw

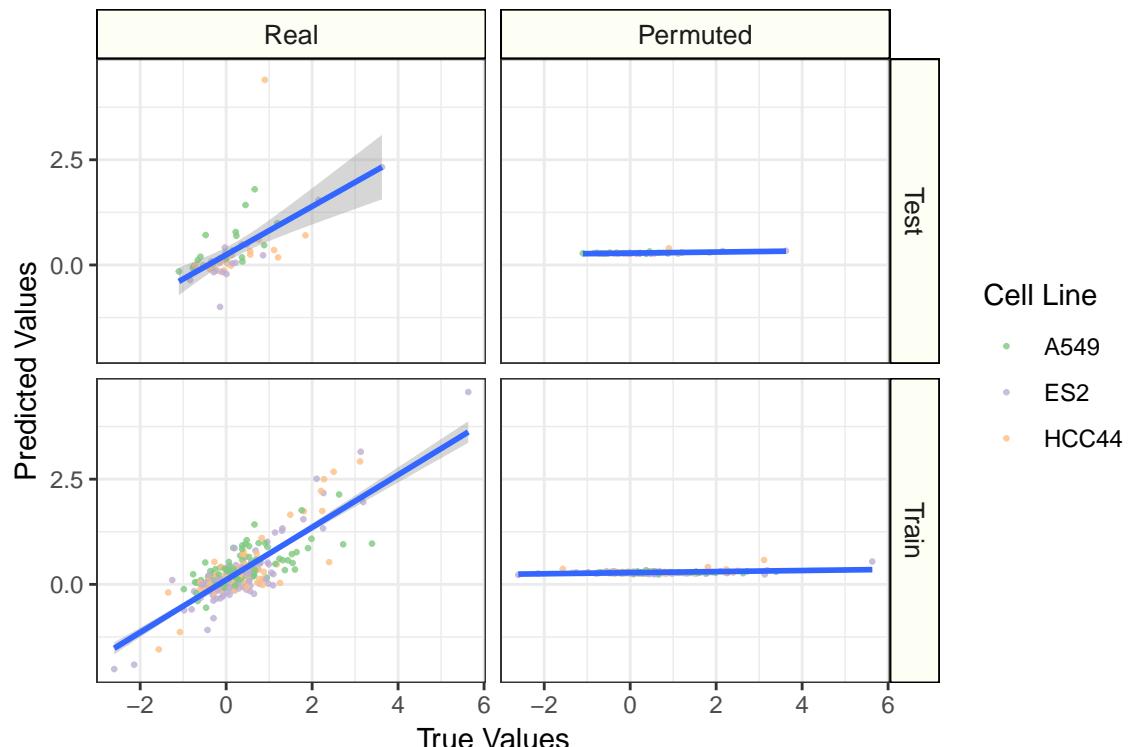


fit	shuffle	transform	r2	value
Train	Real	raw	0.81	0.13
Test	Real	raw	0.71	0.19
Train	Shuffle	raw	0.45	0.38
Test	Shuffle	raw	0.20	0.51

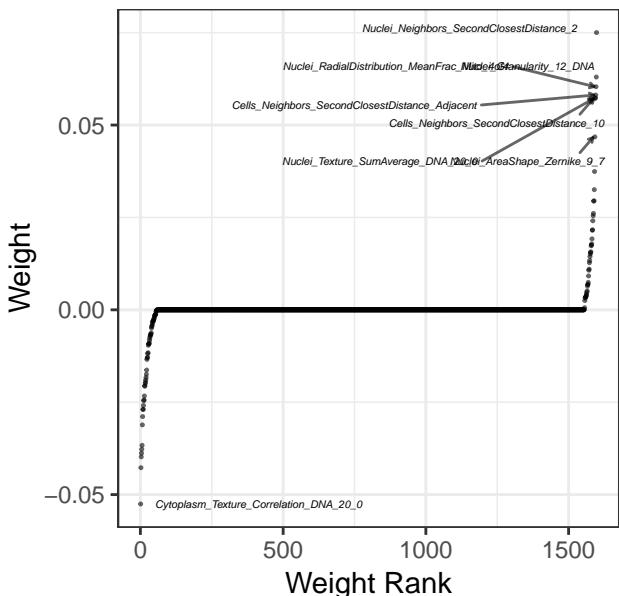


Performance: cc_cc_n_spots_mean

Transform: raw

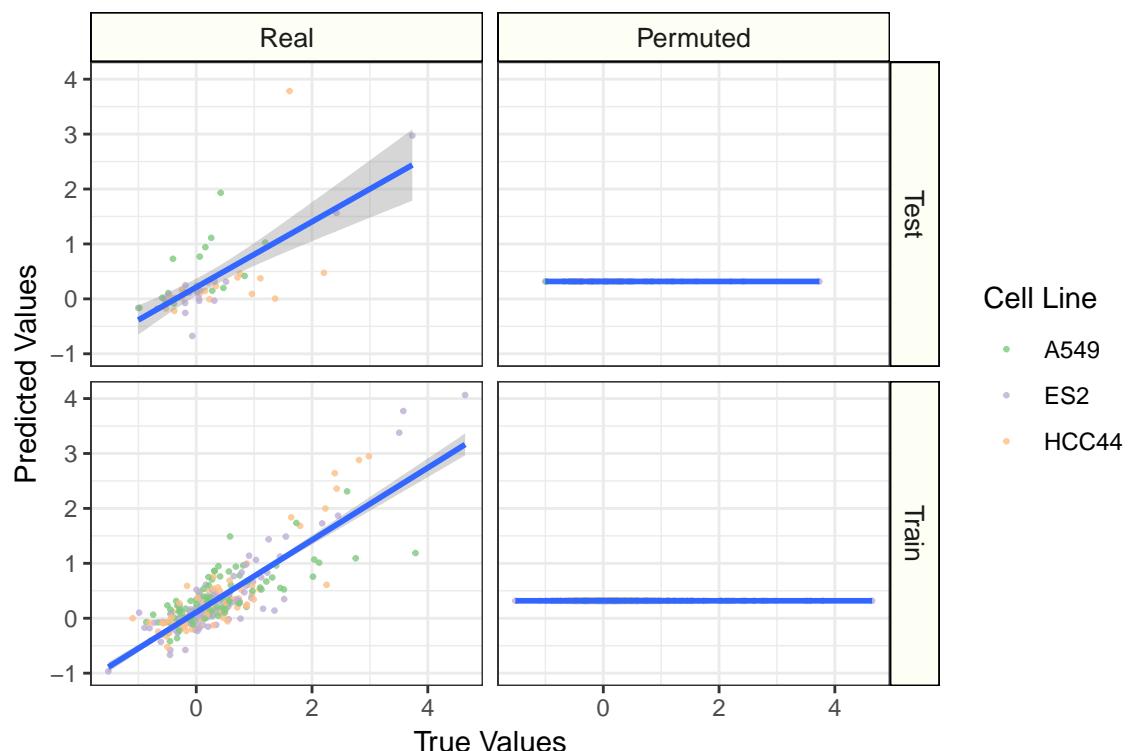


fit	shuffle	transform	r2	value
Train	Real	raw	0.68	0.23
Test	Real	raw	0.17	0.53
Train	Shuffle	raw	0.02	0.72
Test	Shuffle	raw	0.01	0.63

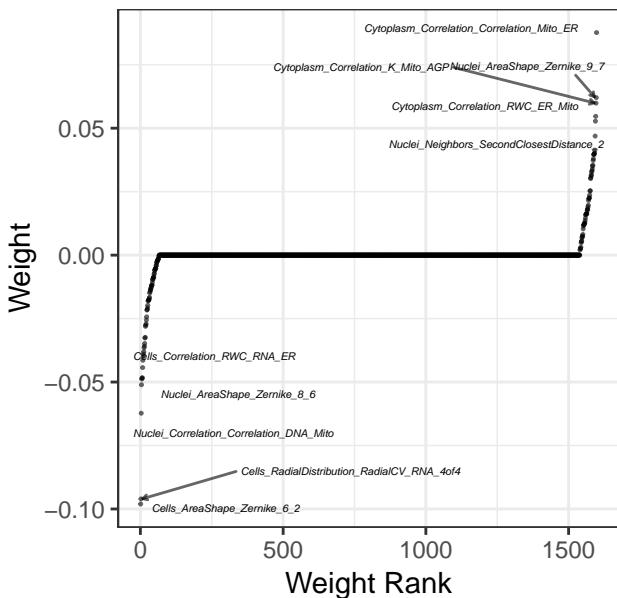


Performance: cc_cc_n_spots_per_nucleus_area_mean

Transform: raw

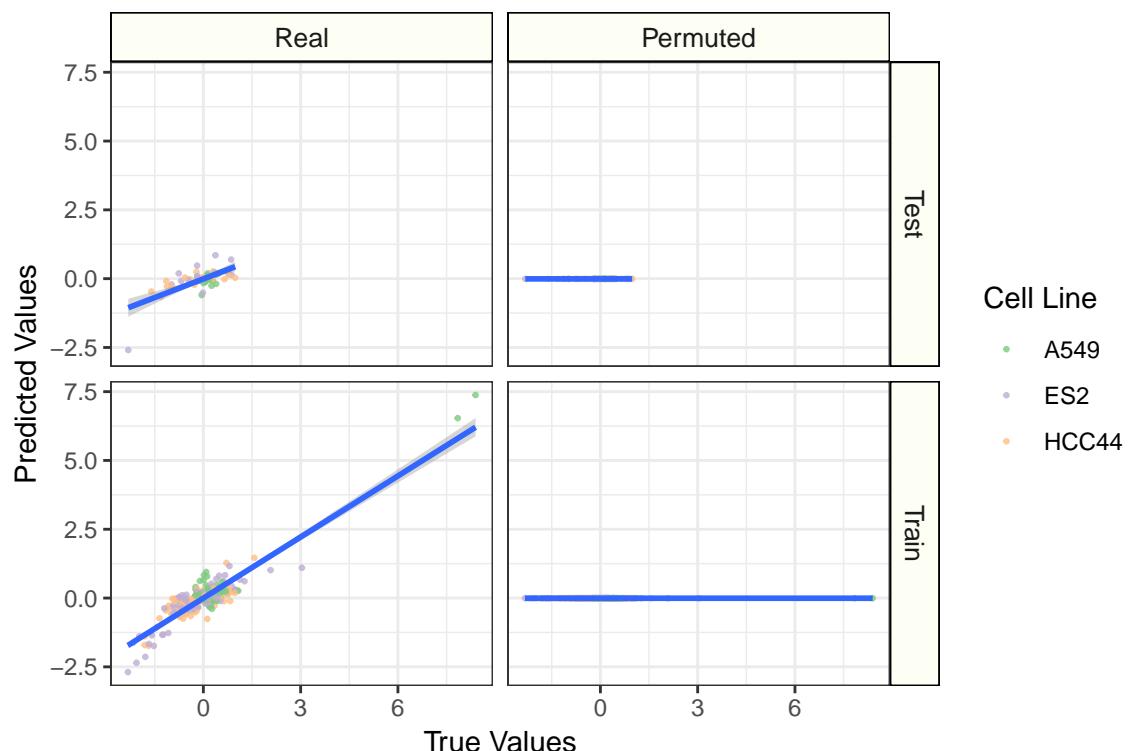


fit	shuffle	transform	r2	value
Train	Real	raw	0.72	0.18
Test	Real	raw	0.40	0.43
Train	Shuffle	raw	0.00	0.65
Test	Shuffle	raw	-0.02	0.73

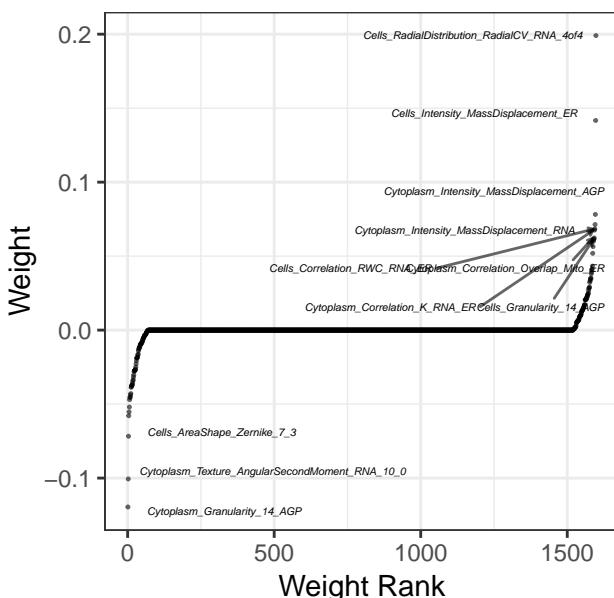


Performance: cc_cc_ph3_neg_hoechst_late_mitosis_mean

Transform: raw

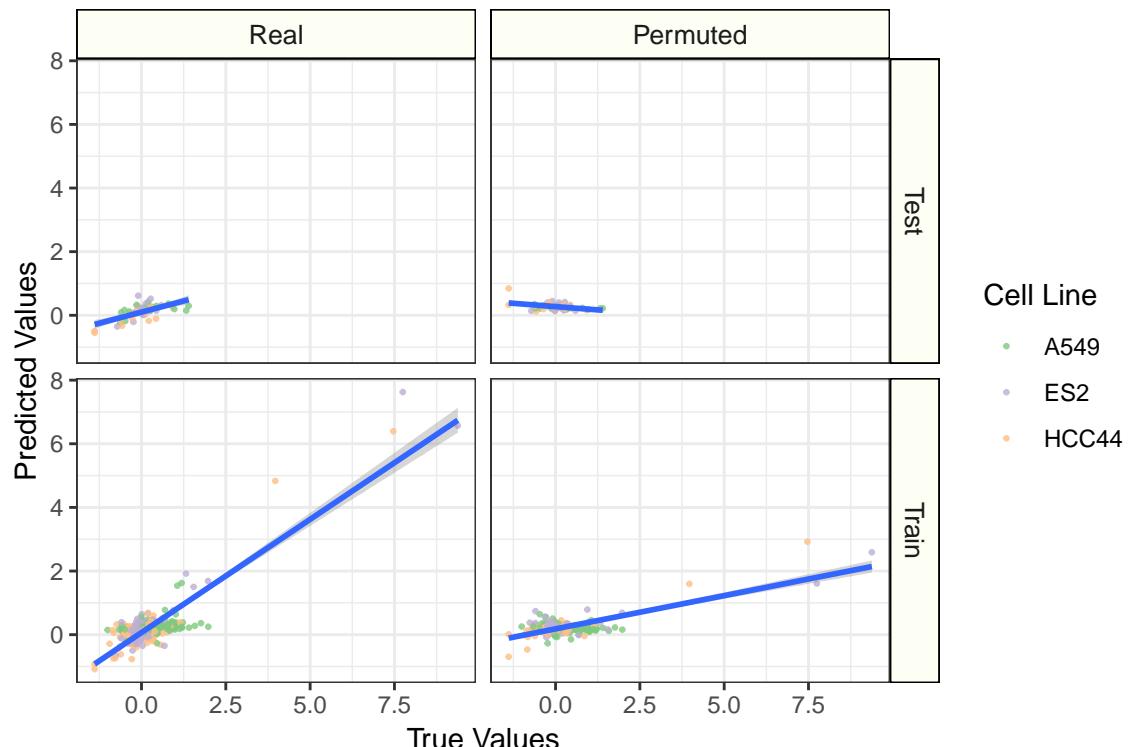


fit	shuffle	transform	r2	value
Train	Real	raw	0.81	0.16
Test	Real	raw	0.44	0.23
Train	Shuffle	raw	0.00	0.85
Test	Shuffle	raw	-0.02	0.42

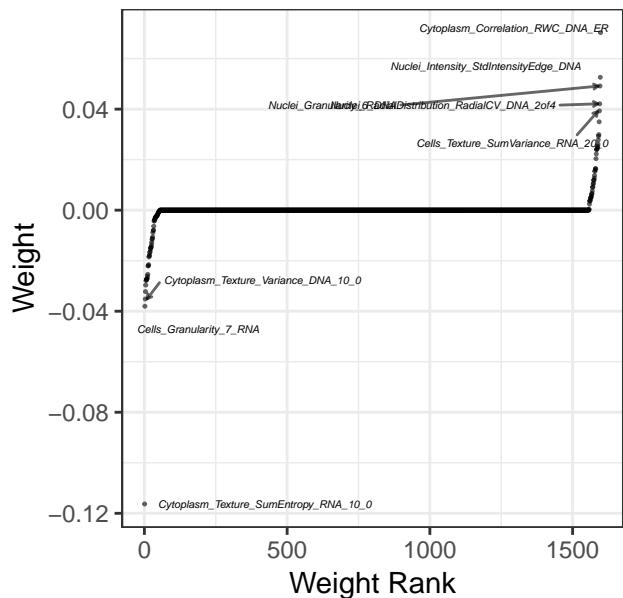


Performance: cc_cc_ph3_pos_hoechst_mitosis_mean

Transform: raw

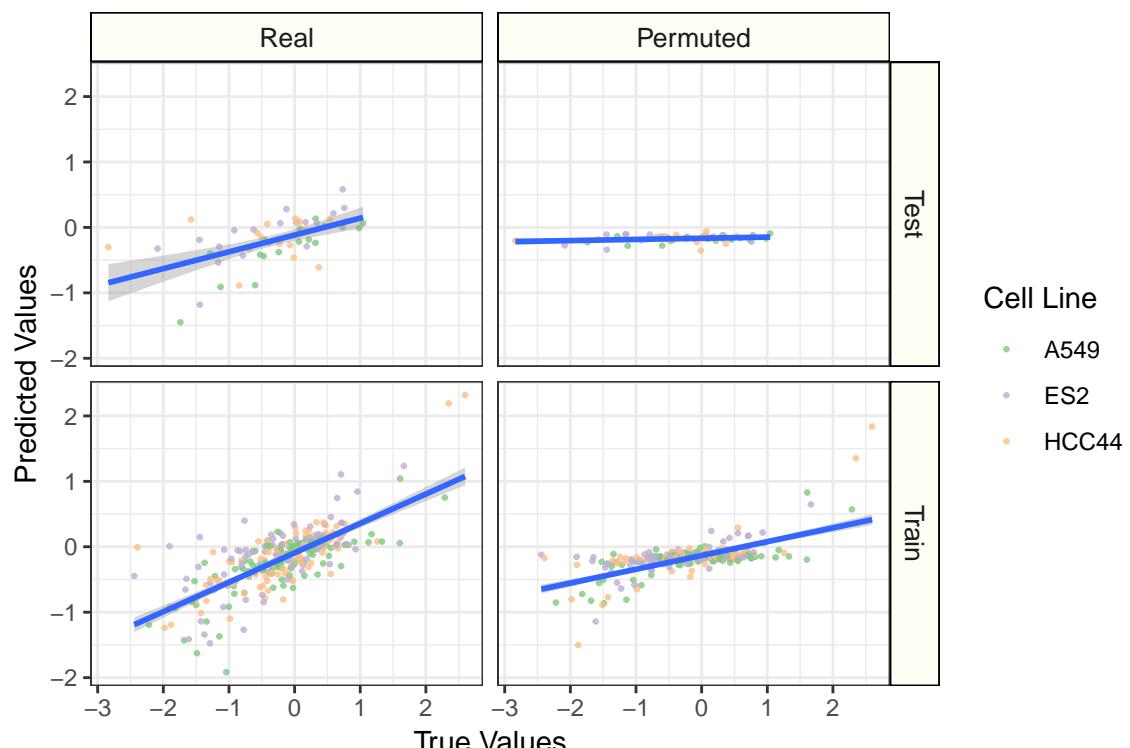


fit	shuffle	transform	r2	value
Train	Real	raw	0.78	0.21
Test	Real	raw	0.34	0.18
Train	Shuffle	raw	0.34	0.63
Test	Shuffle	raw	-0.43	0.39

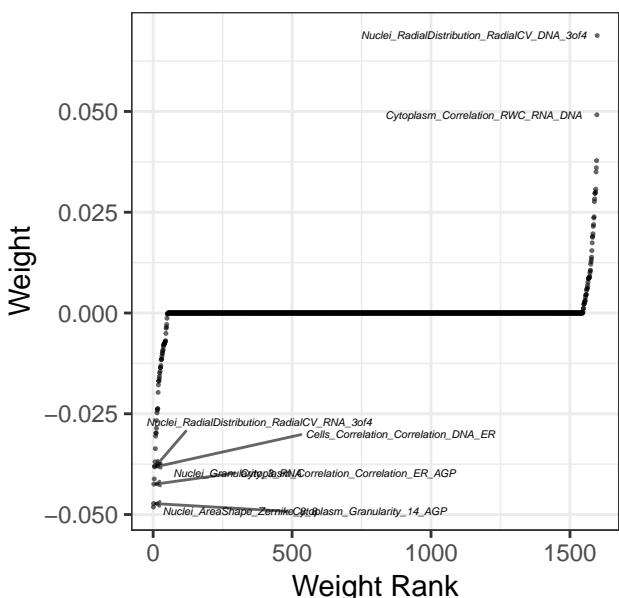


Performance: cc_edu_pos_alexa647_intensity_nucleus_area_mean

Transform: raw

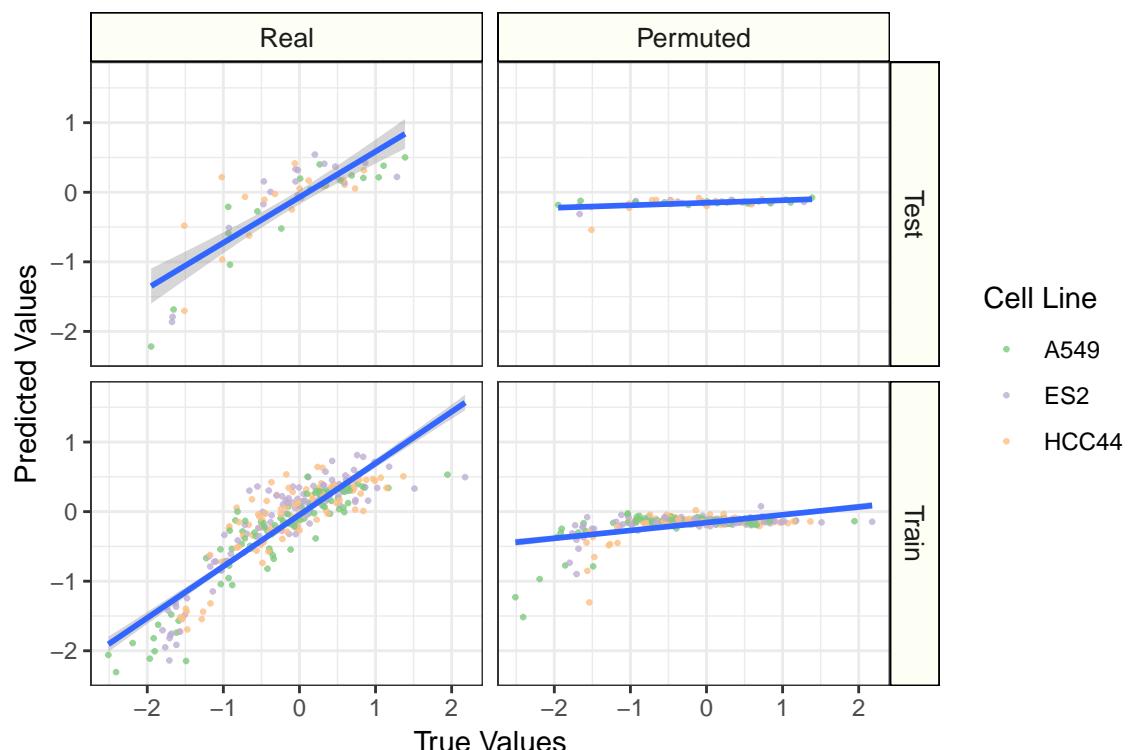


fit	shuffle	transform	r2	value
Train	Real	raw	0.52	0.27
Test	Real	raw	0.29	0.45
Train	Shuffle	raw	0.31	0.39
Test	Shuffle	raw	0.01	0.63

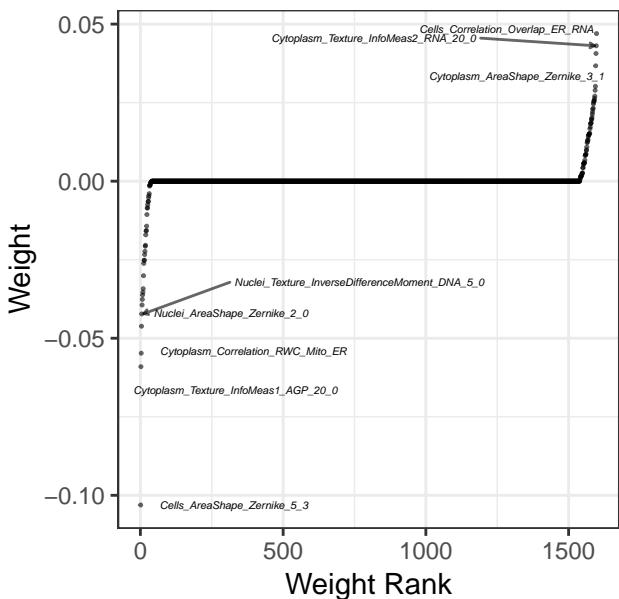


Performance: cc_edu_pos_alexa647_intensity_nucleus_area_size

Transform: raw

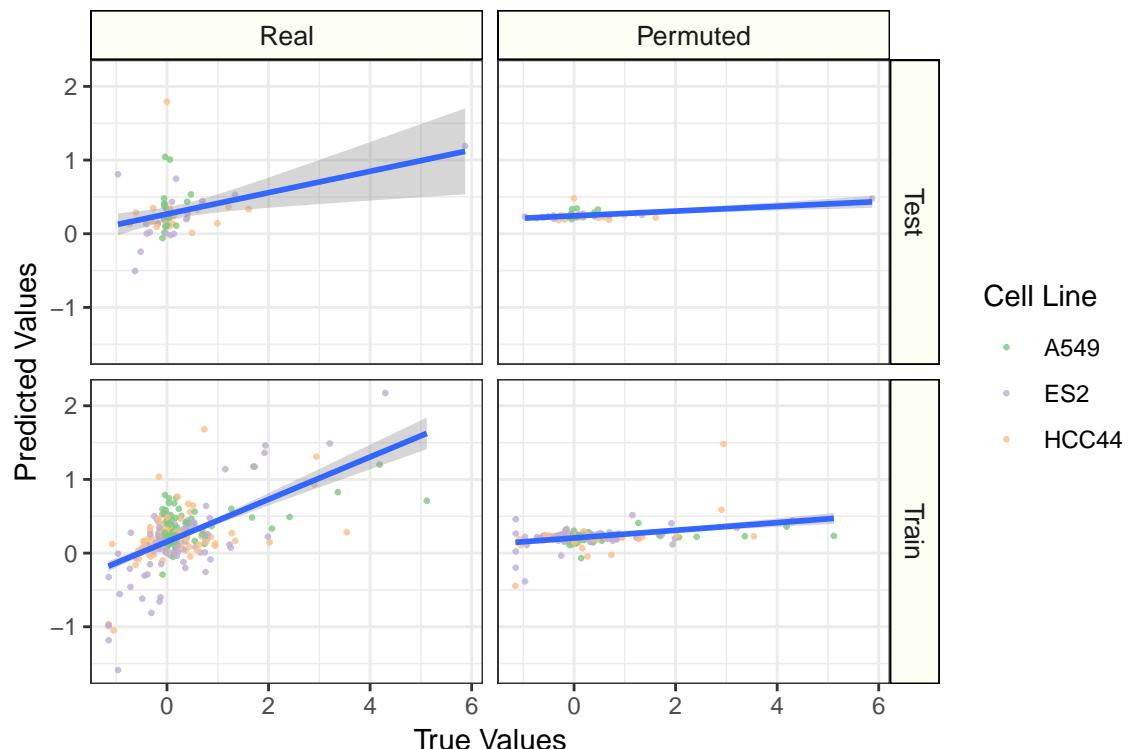


fit	shuffle	transform	r2	value
Train	Real	raw	0.78	0.13
Test	Real	raw	0.68	0.21
Train	Shuffle	raw	0.18	0.50
Test	Shuffle	raw	0.06	0.61

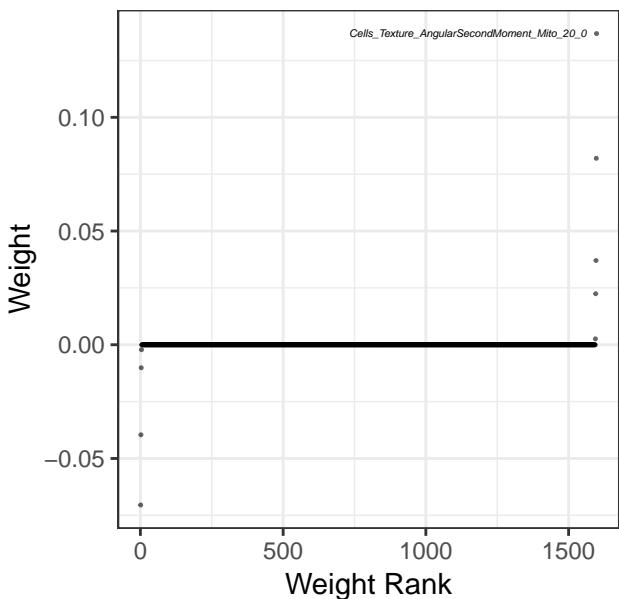


Performance: cc_edu_pos_high_n_spots_h2ax_mean

Transform: raw

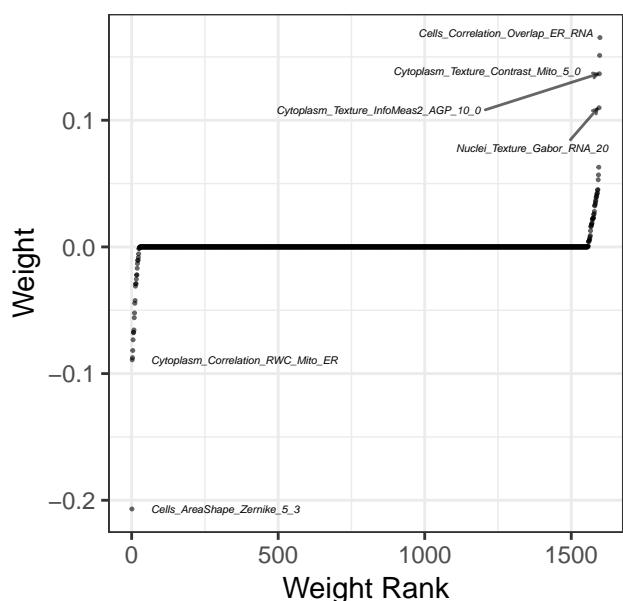
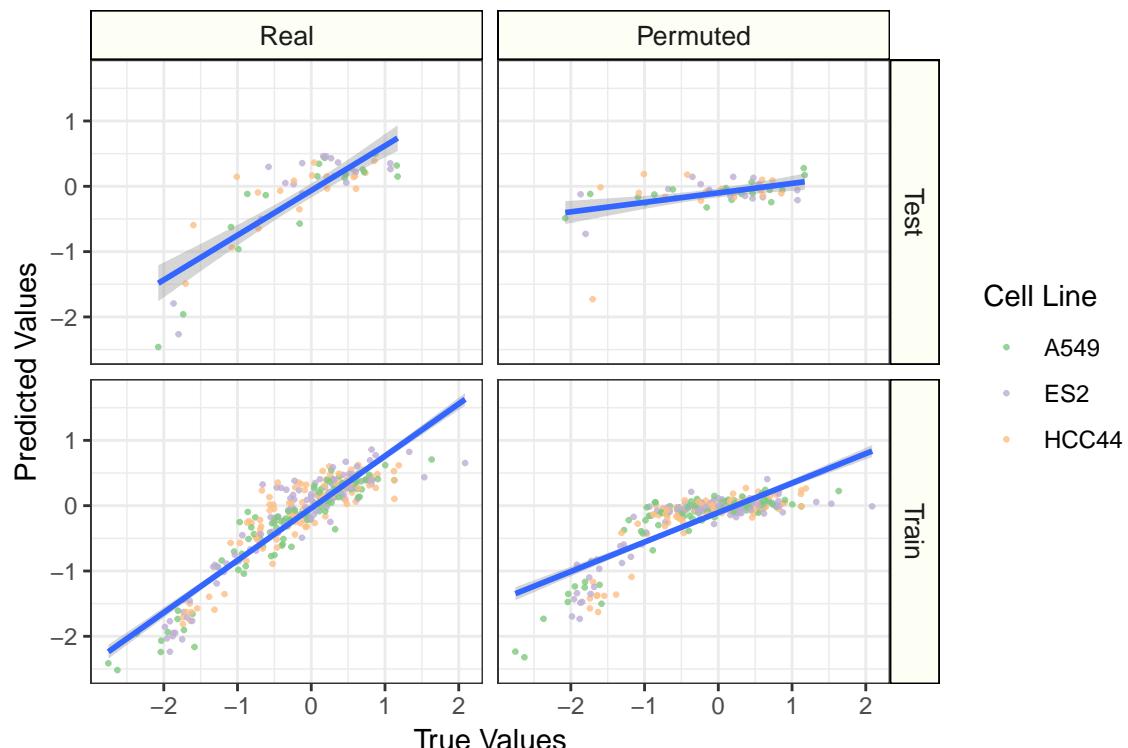


fit	shuffle	transform	r2	value
Train	Real	raw	0.35	0.40
Test	Real	raw	0.12	0.73
Train	Shuffle	raw	0.08	0.56
Test	Shuffle	raw	0.06	0.79



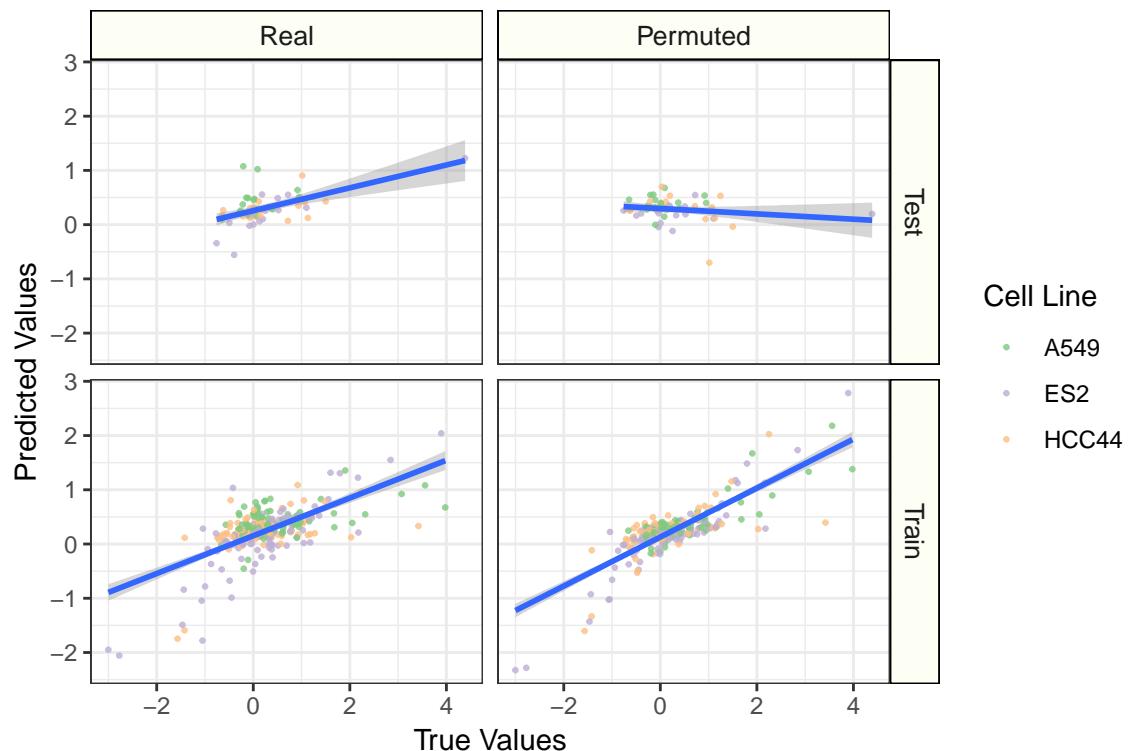
Performance: cc_edu_pos_n_objects

Transform: raw

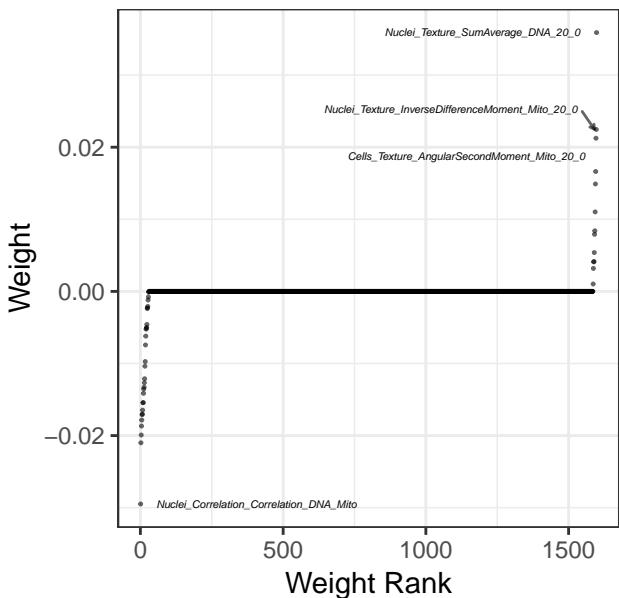


Performance: cc_edu_pos_n_spots_mean

Transform: raw

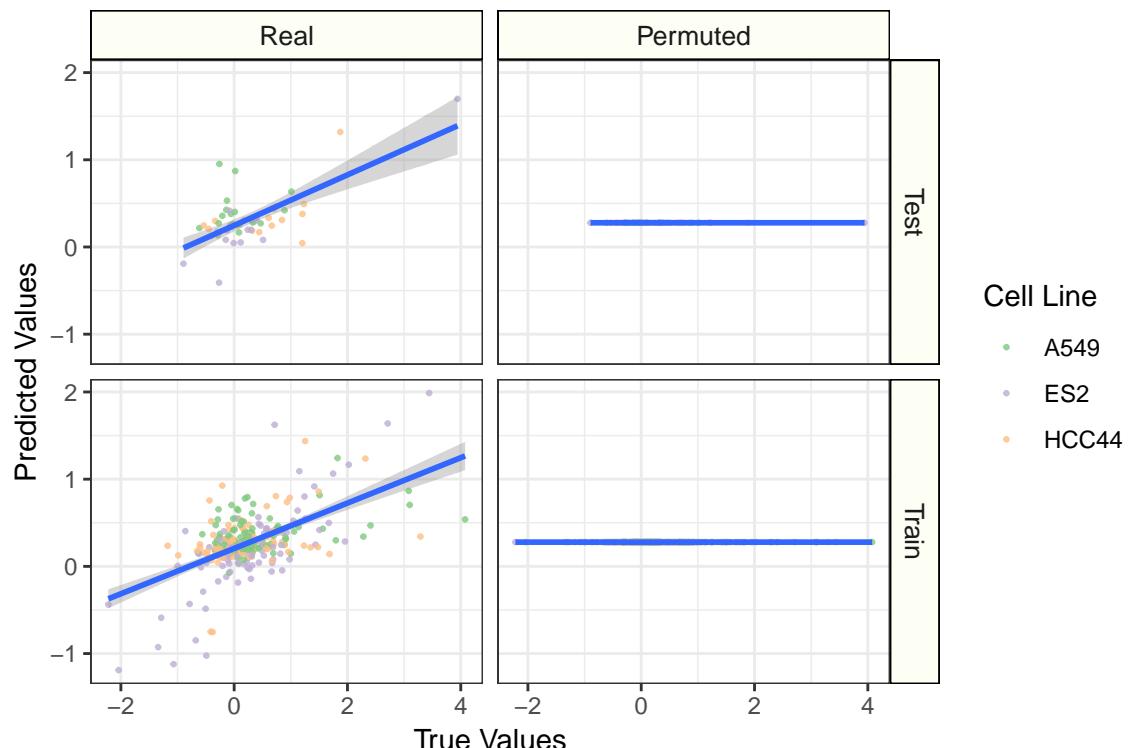


fit	shuffle	transform	r2	value
Train	Real	raw	0.41	0.40
Test	Real	raw	0.27	0.44
Train	Shuffle	raw	0.59	0.28
Test	Shuffle	raw	-0.18	0.71

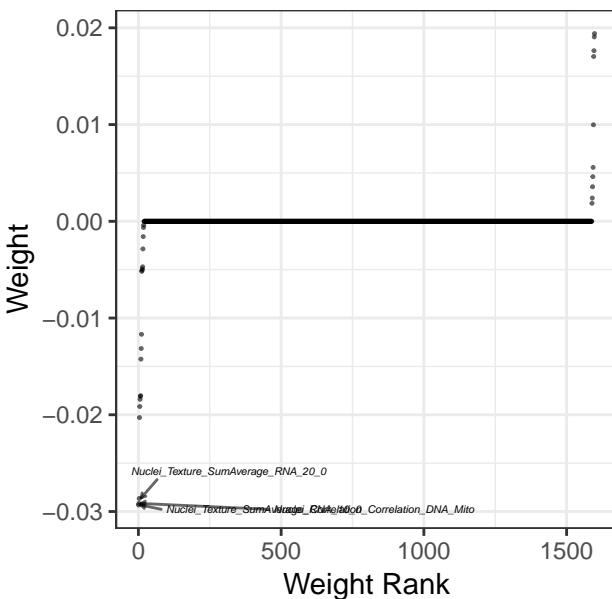


Performance: cc_edu_pos_n_spots_per_nucleus_area_mean

Transform: raw

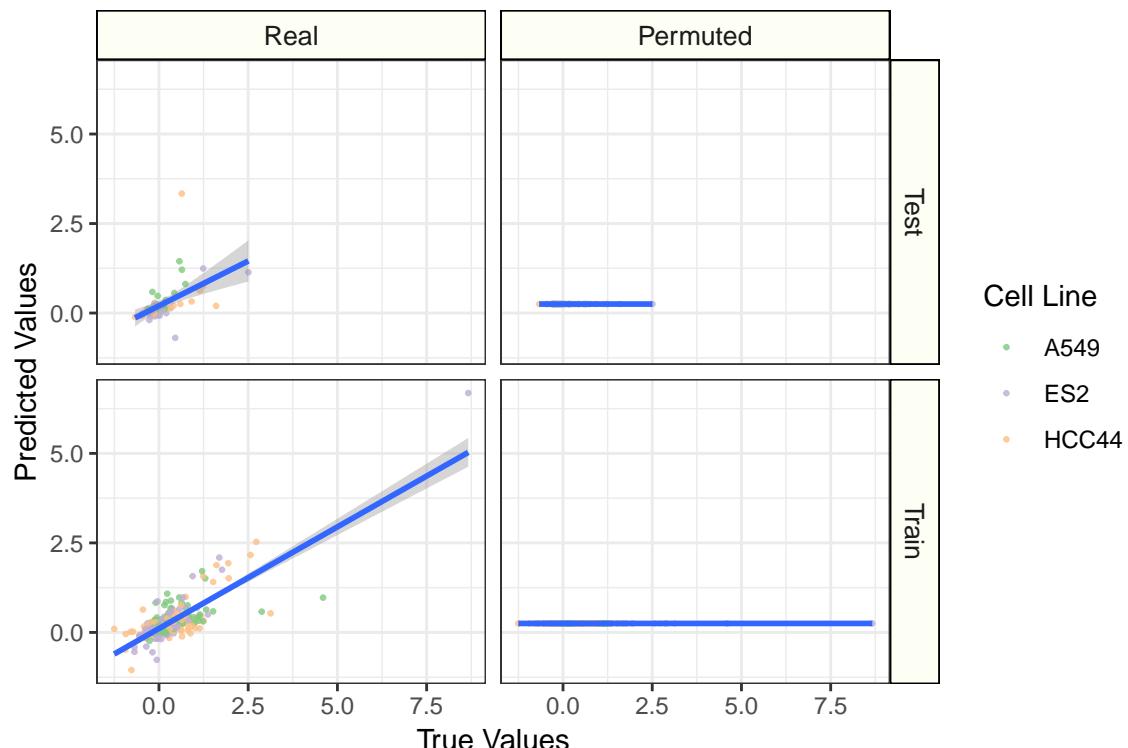


fit	shuffle	transform	r2	value
Train	Real	raw	0.32	0.40
Test	Real	raw	0.39	0.33
Train	Shuffle	raw	0.00	0.58
Test	Shuffle	raw	0.00	0.53

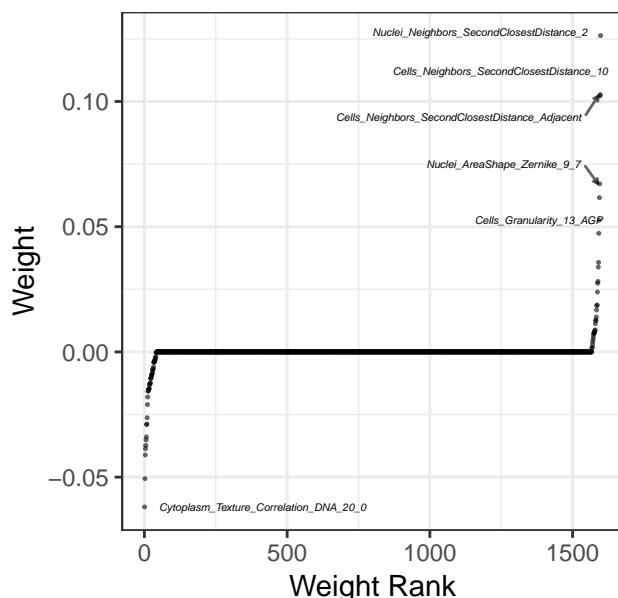


Performance: cc_g1_high_n_spots_h2ax_mean

Transform: raw

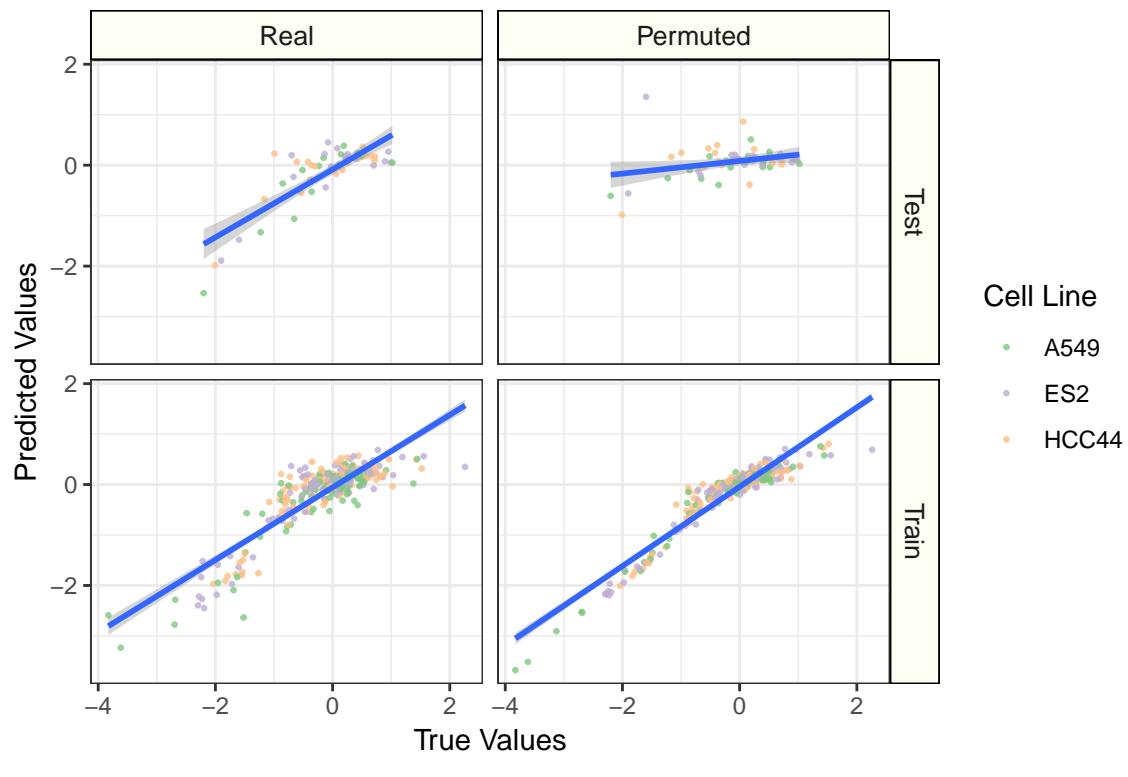


fit	shuffle	transform	r2	value
Train	Real	raw	0.64	0.23
Test	Real	raw	-0.02	0.34
Train	Shuffle	raw	0.00	0.64
Test	Shuffle	raw	-0.03	0.34

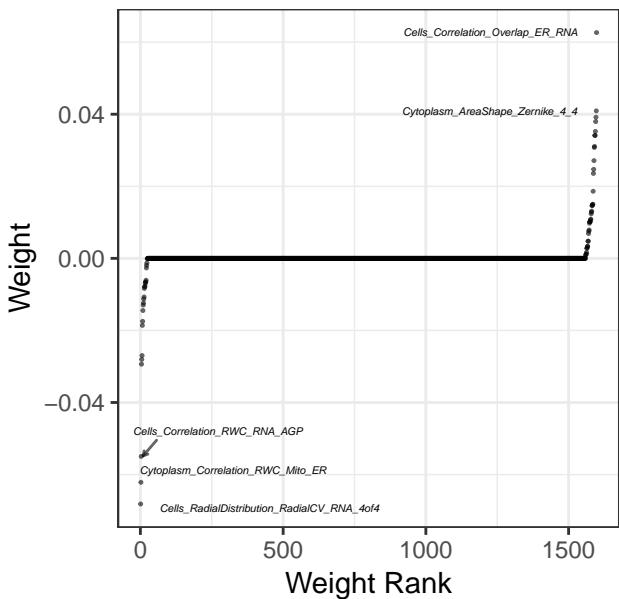


Performance: cc_g1_n_objects

Transform: raw

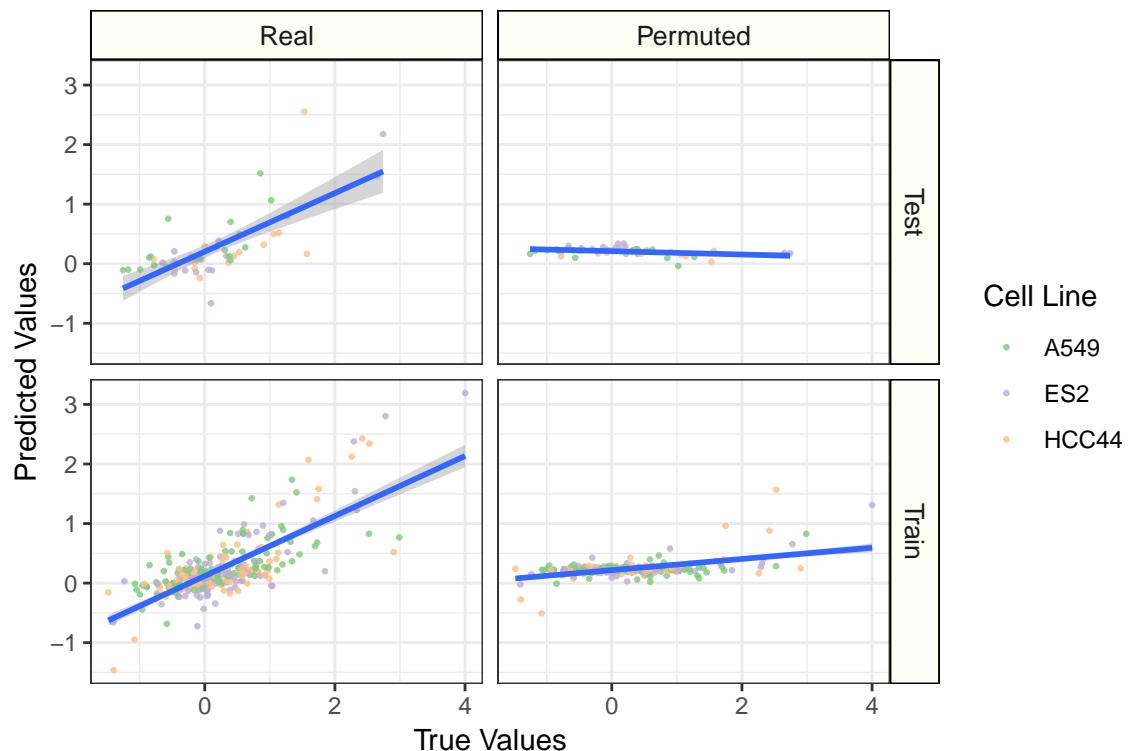


fit	shuffle	transform	r2	value
Train	Real	raw	0.75	0.17
Test	Real	raw	0.66	0.19
Train	Shuffle	raw	0.88	0.08
Test	Shuffle	raw	0.01	0.56

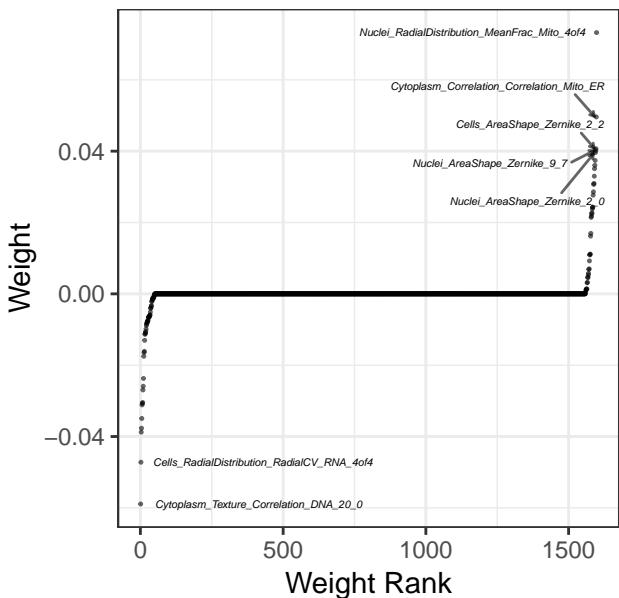


Performance: cc_g1_n_spots_mean

Transform: raw

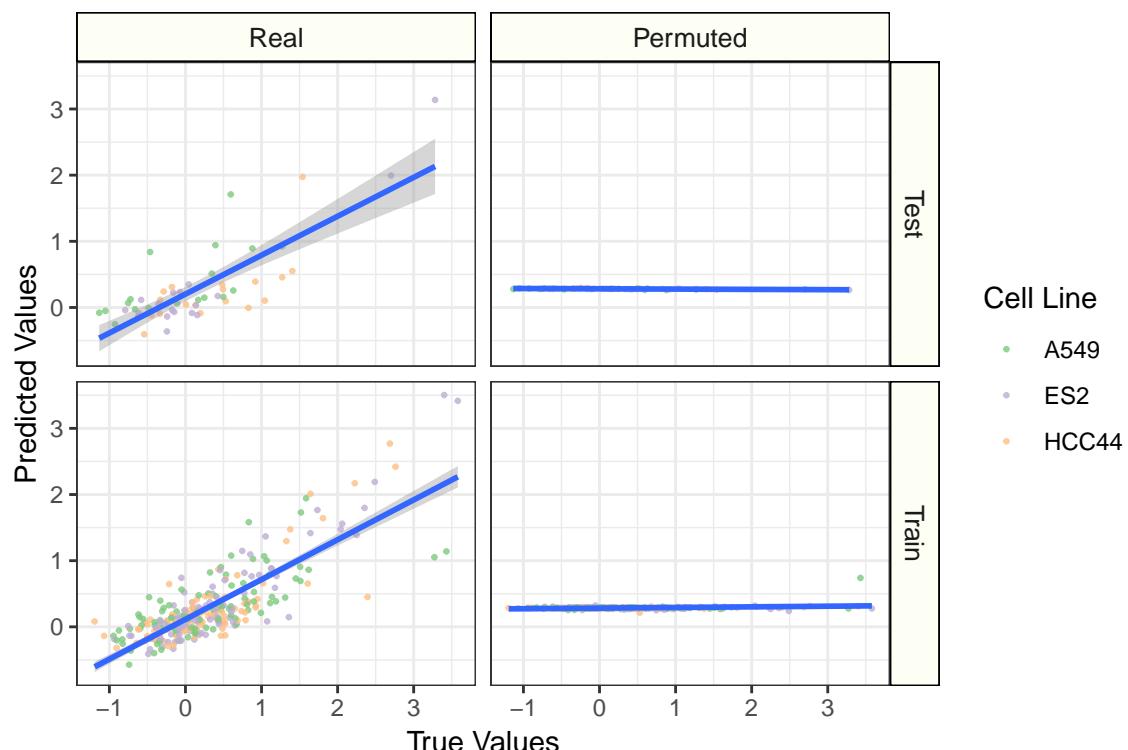


fit	shuffle	transform	r2	value
Train	Real	raw	0.56	0.26
Test	Real	raw	0.49	0.35
Train	Shuffle	raw	0.15	0.50
Test	Shuffle	raw	-0.07	0.73

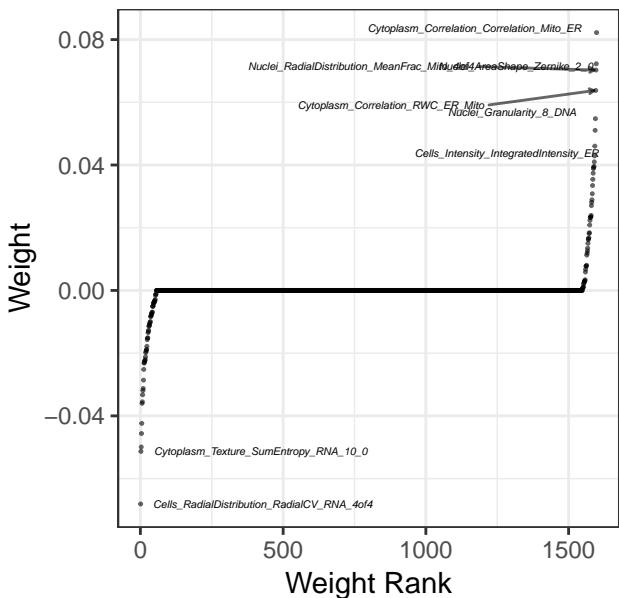


Performance: cc_g1_n_spots_per_nucleus_area_mean

Transform: raw

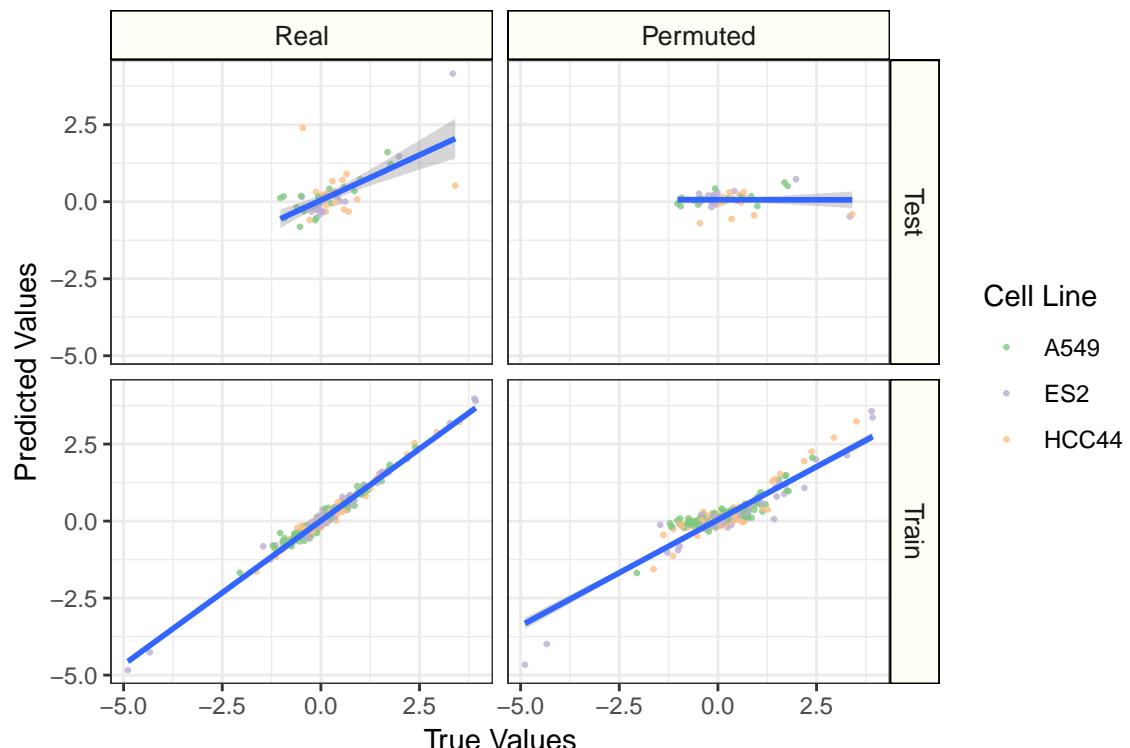


fit	shuffle	transform	r2	value
Train	Real	raw	0.66	0.20
Test	Real	raw	0.59	0.29
Train	Shuffle	raw	0.02	0.58
Test	Shuffle	raw	-0.03	0.73

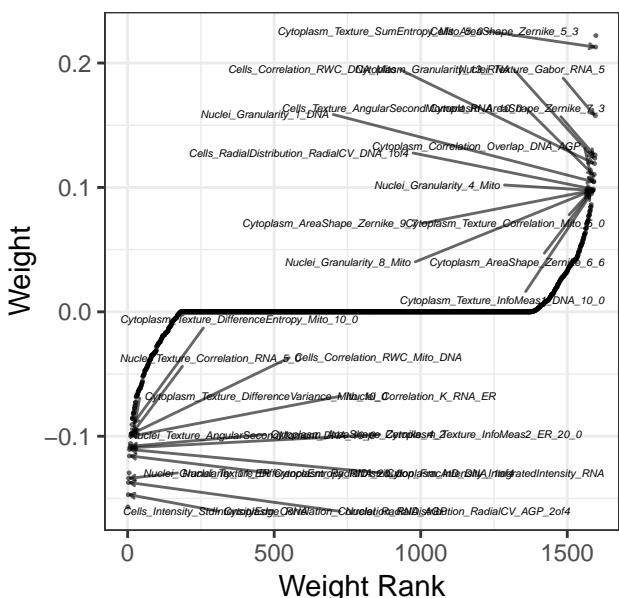


Performance: cc_g1_plus_g2

Transform: raw

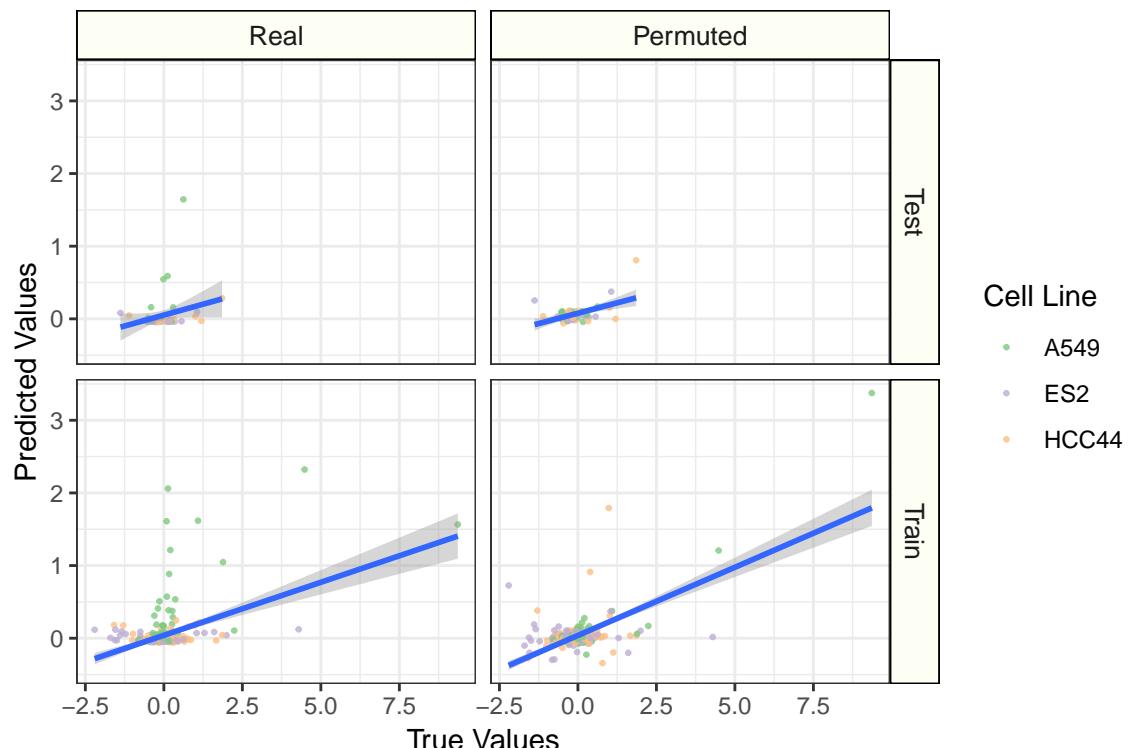


fit	shuffle	transform	r2	value
Train	Real	raw	0.97	0.02
Test	Real	raw	0.33	0.50
Train	Shuffle	raw	0.80	0.16
Test	Shuffle	raw	-0.13	0.85

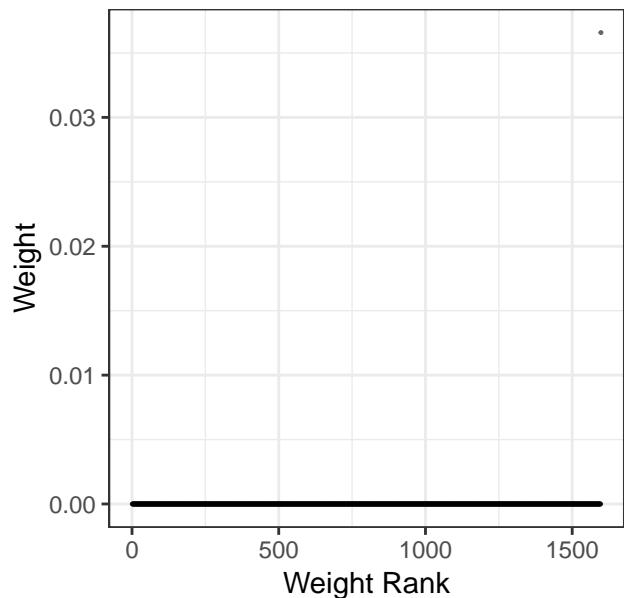


Performance: cc_g2_g1

Transform: raw

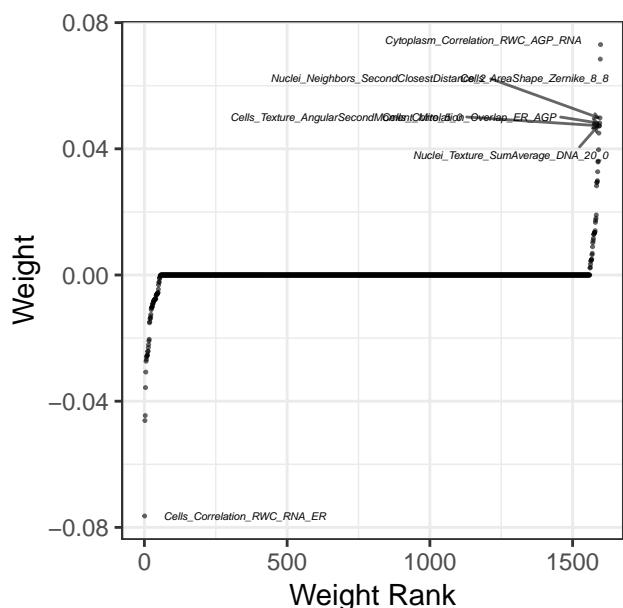
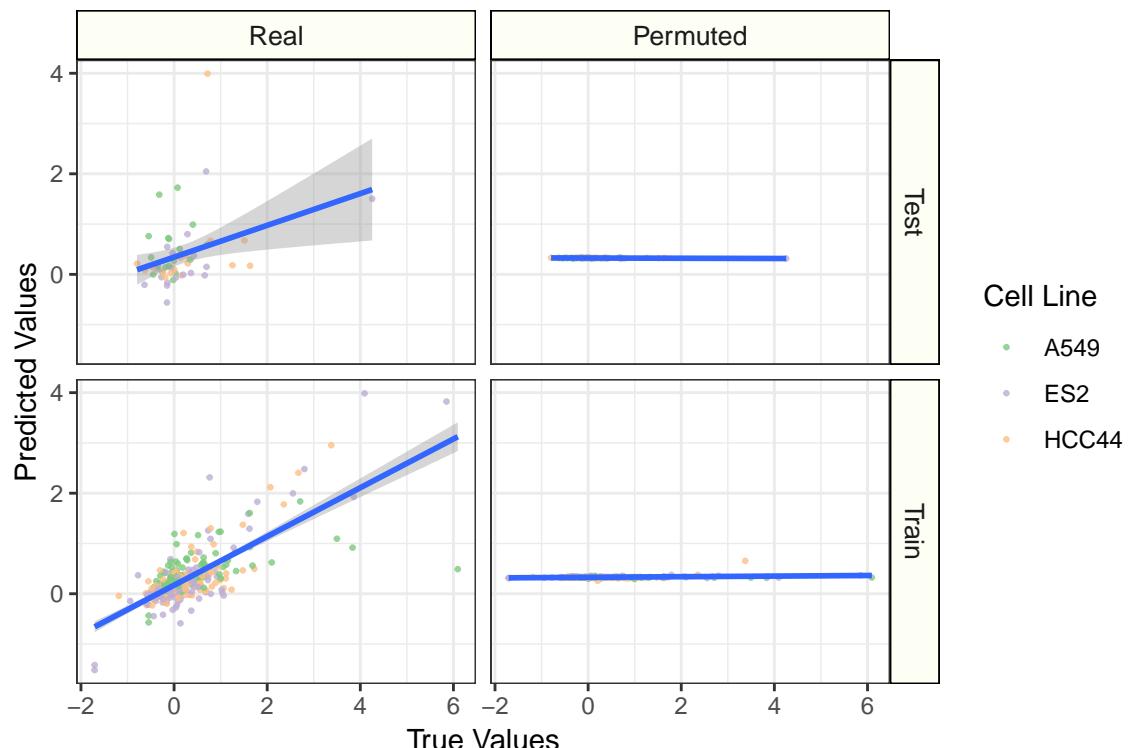


fit	shuffle	transform	r2	value
Train	Real	raw	0.18	0.56
Test	Real	raw	-0.02	0.28
Train	Shuffle	raw	0.28	0.49
Test	Shuffle	raw	0.12	0.24



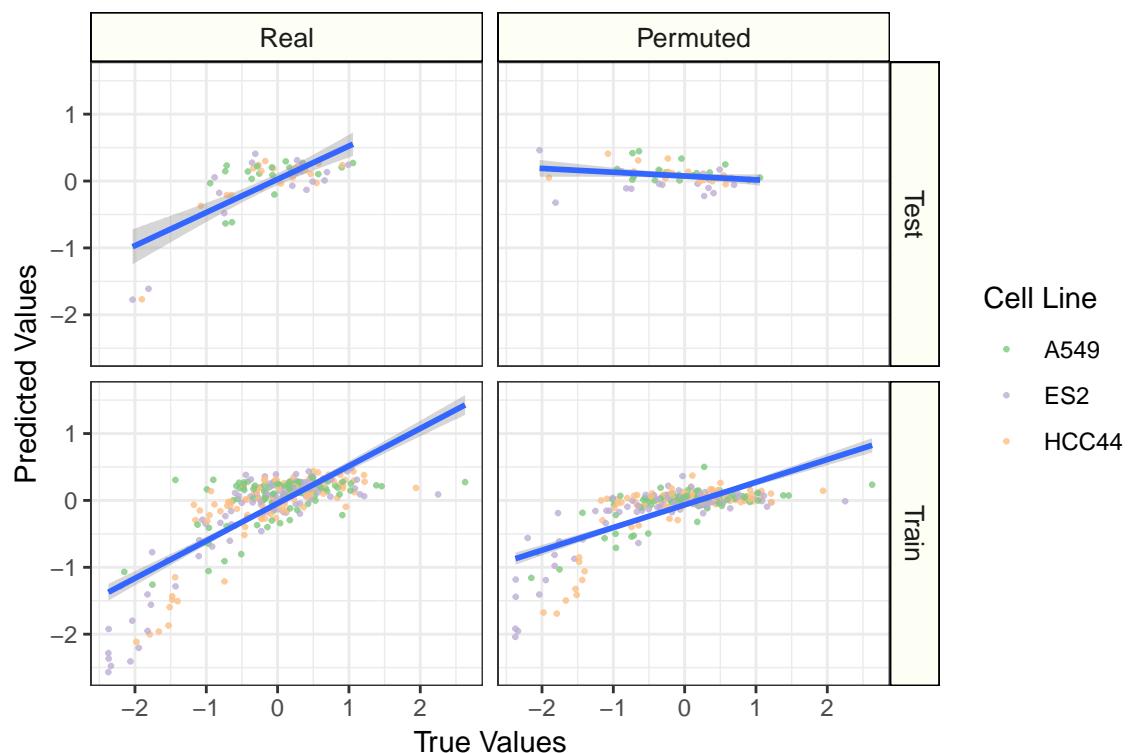
Performance: cc_g2_ph3_neg_high_n_spots_h2ax_mean

Transform: raw

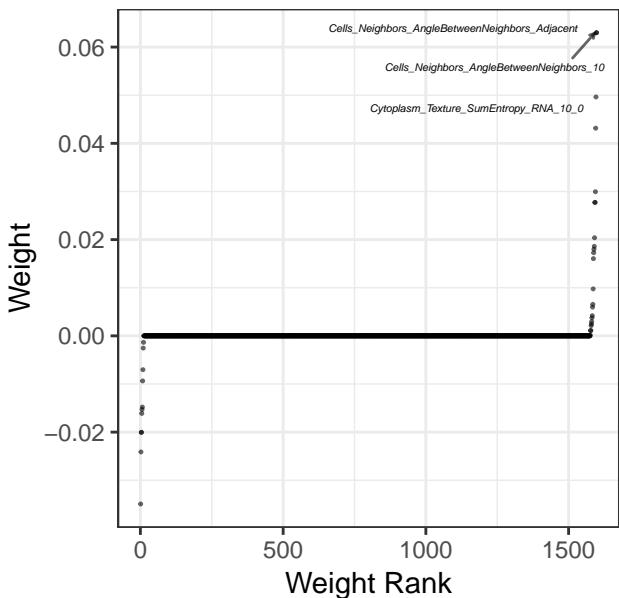


Performance: cc_g2_ph3_neg_n_objects

Transform: raw

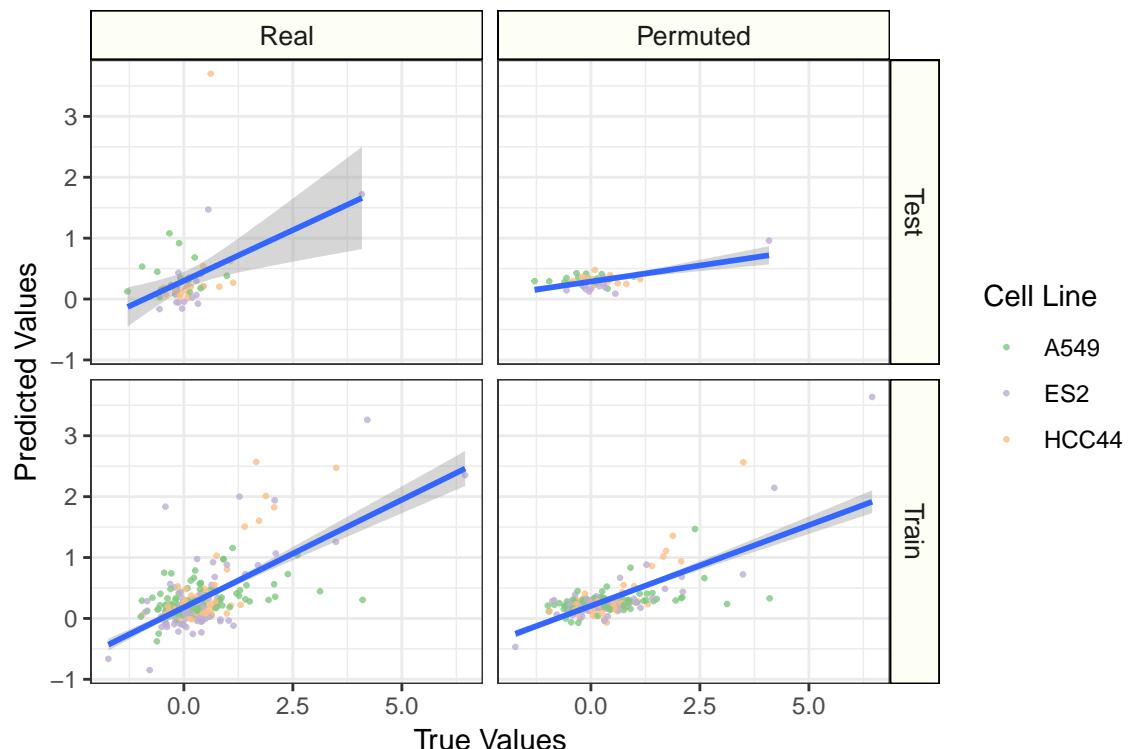


fit	shuffle	transform	r2	value
Train	Real	raw	0.60	0.25
Test	Real	raw	0.52	0.23
Train	Shuffle	raw	0.45	0.35
Test	Shuffle	raw	-0.25	0.59

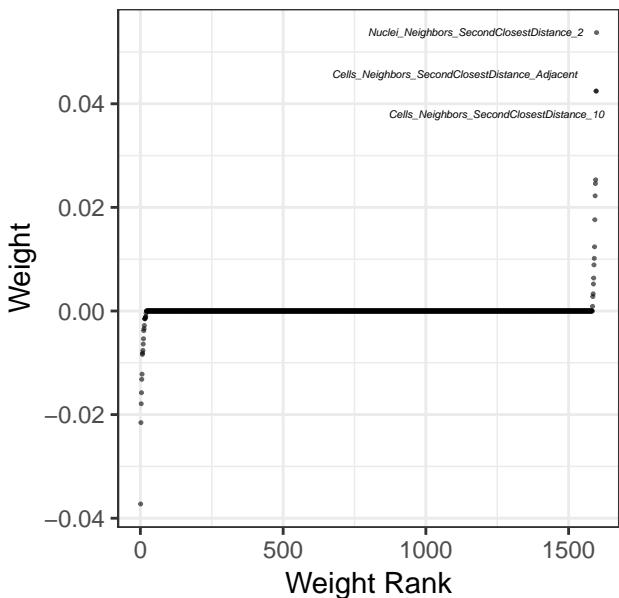


Performance: cc_g2_ph3_neg_n_spots_mean

Transform: raw

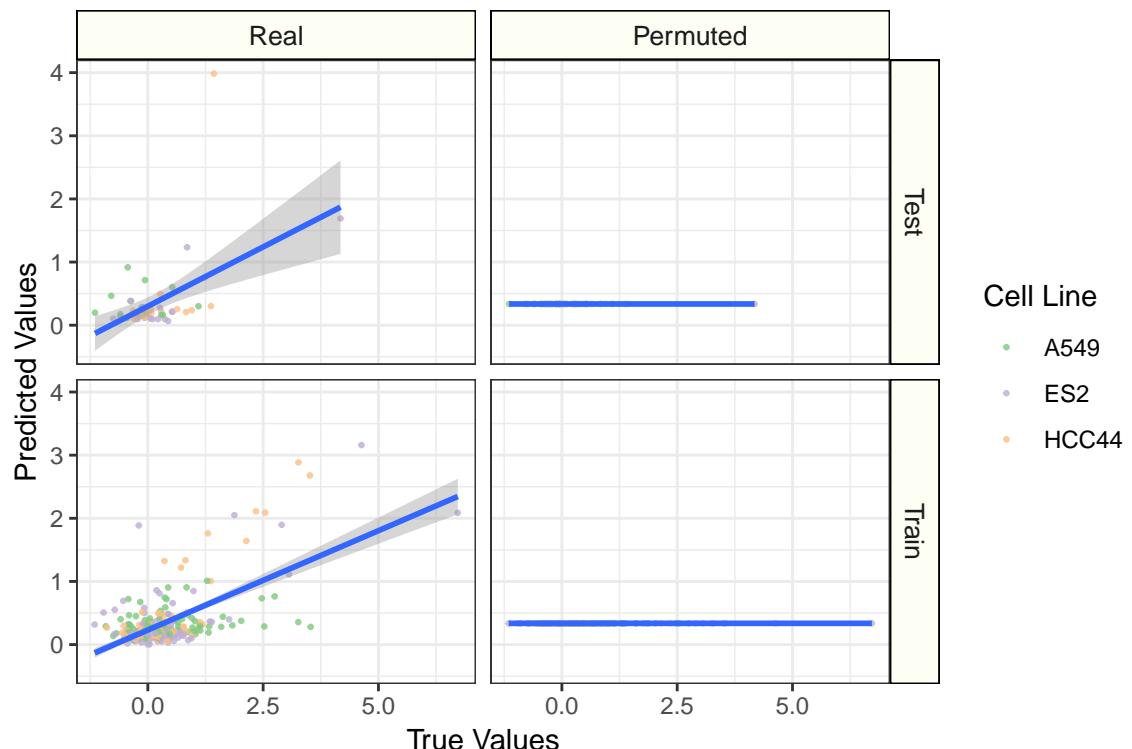


fit	shuffle	transform	r2	value
Train	Real	raw	0.42	0.40
Test	Real	raw	-0.11	0.56
Train	Shuffle	raw	0.39	0.42
Test	Shuffle	raw	0.10	0.45

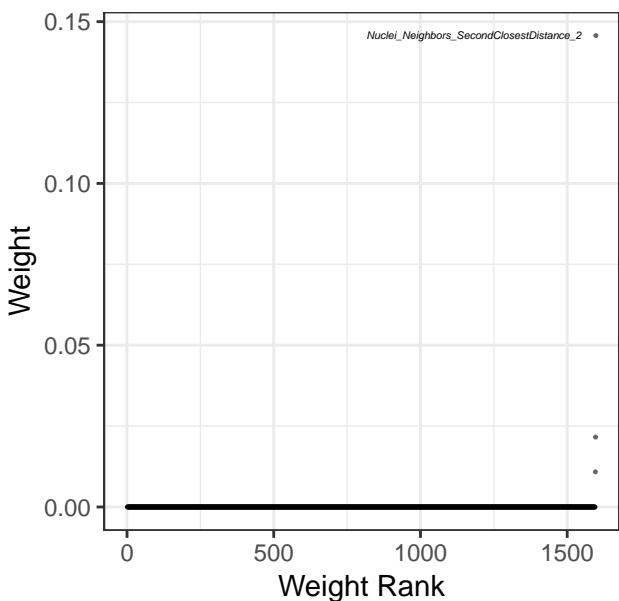


Performance: cc_g2_ph3_neg_n_spots_per_nucleus_area_mean

Transform: raw

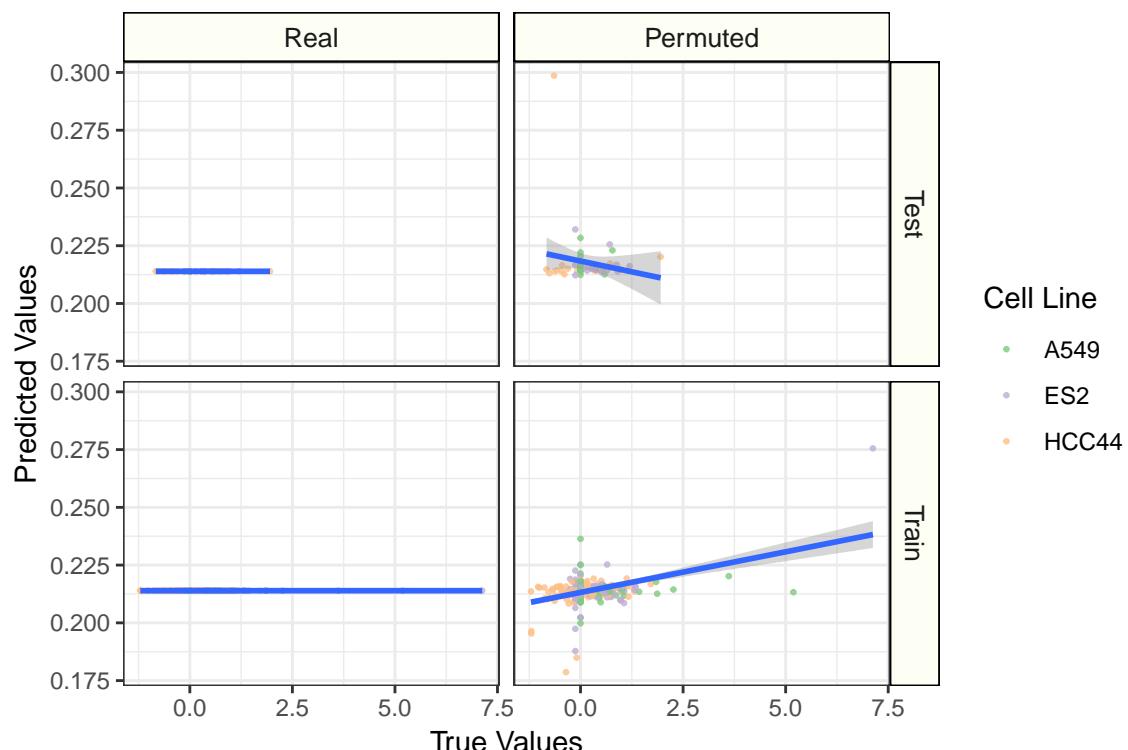


fit	shuffle	transform	r2	value
Train	Real	raw	0.38	0.45
Test	Real	raw	0.12	0.52
Train	Shuffle	raw	0.00	0.73
Test	Shuffle	raw	-0.05	0.62

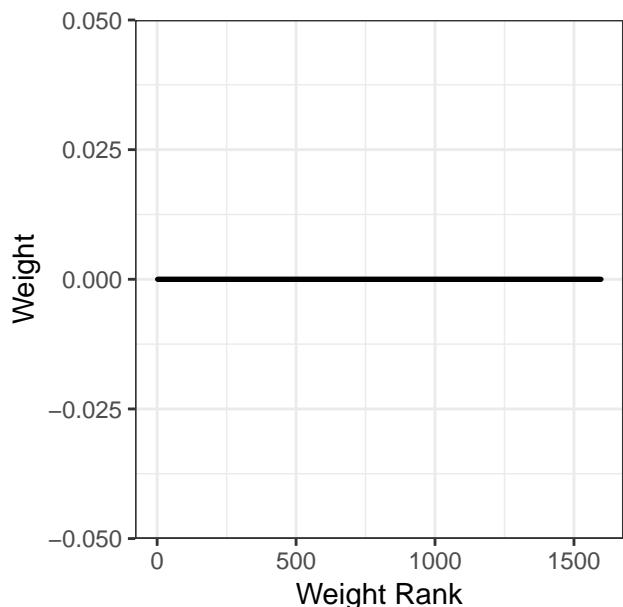


Performance: cc_g2_ph3_pos_high_n_spots_h2ax_mean

Transform: raw

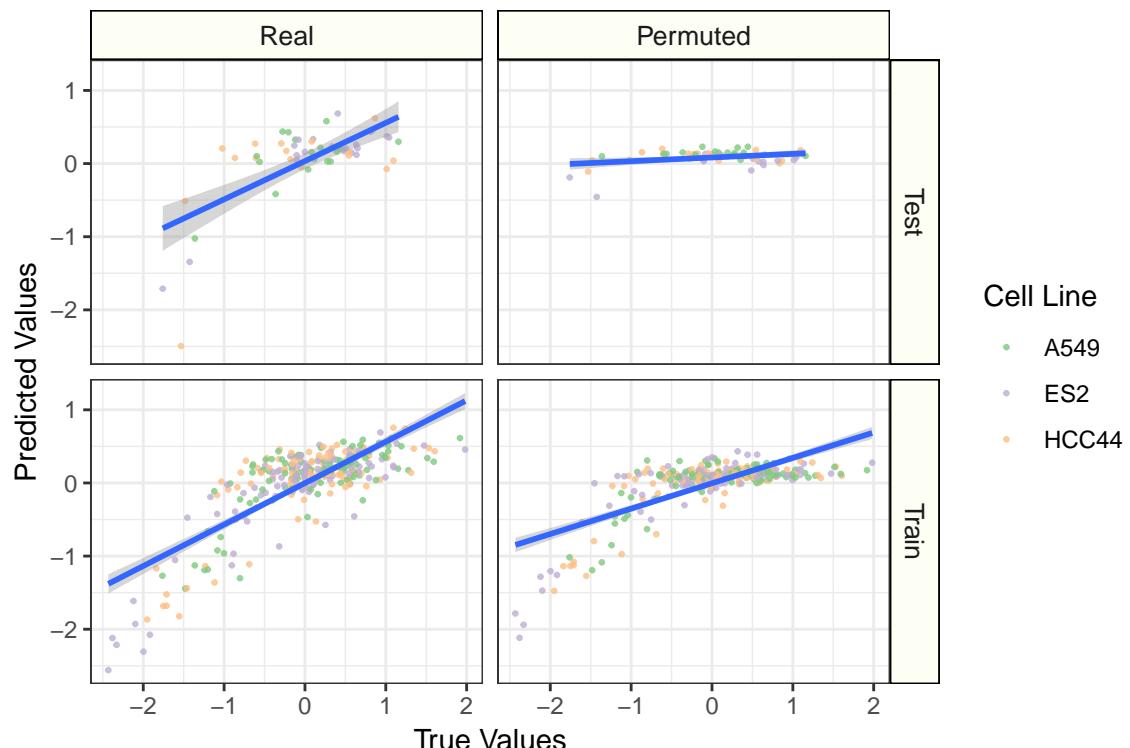


fit	shuffle	transform	r2	value
Train	Real	raw	0.00	0.52
Test	Real	raw	0.00	0.27
Train	Shuffle	raw	0.01	0.51
Test	Shuffle	raw	-0.01	0.27

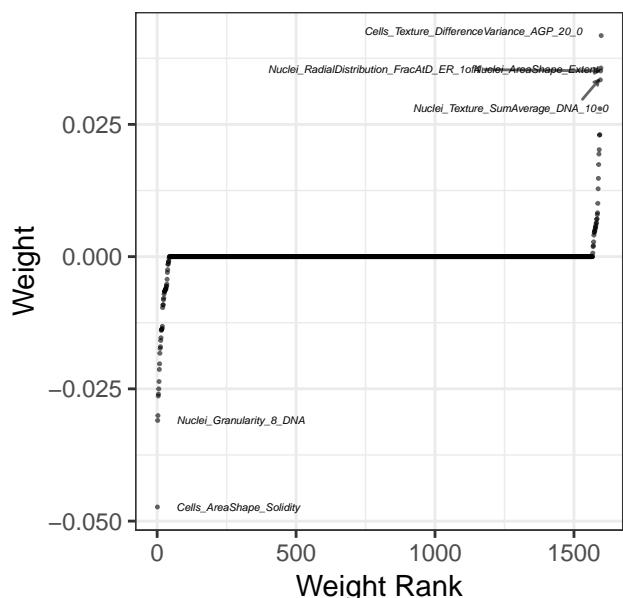


Performance: cc_g2_ph3_pos_n_objects

Transform: raw

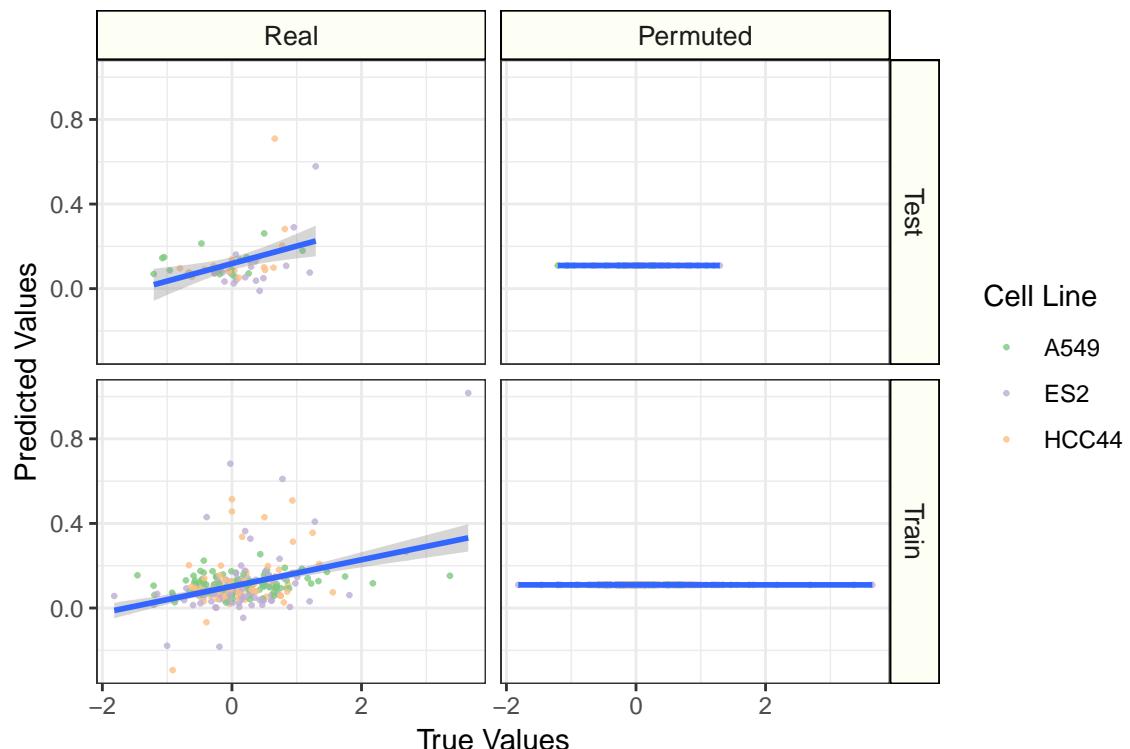


fit	shuffle	transform	r2	value
Train	Real	raw	0.60	0.23
Test	Real	raw	0.45	0.27
Train	Shuffle	raw	0.46	0.32
Test	Shuffle	raw	0.07	0.46

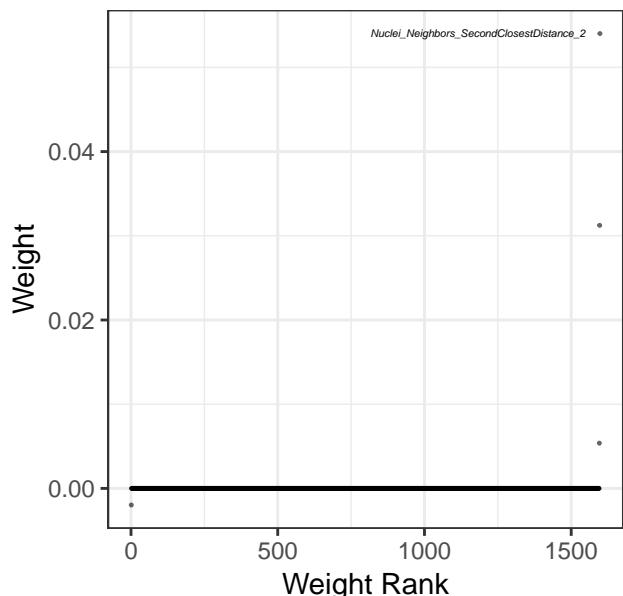


Performance: cc_g2_ph3_pos_n_spots_mean

Transform: raw

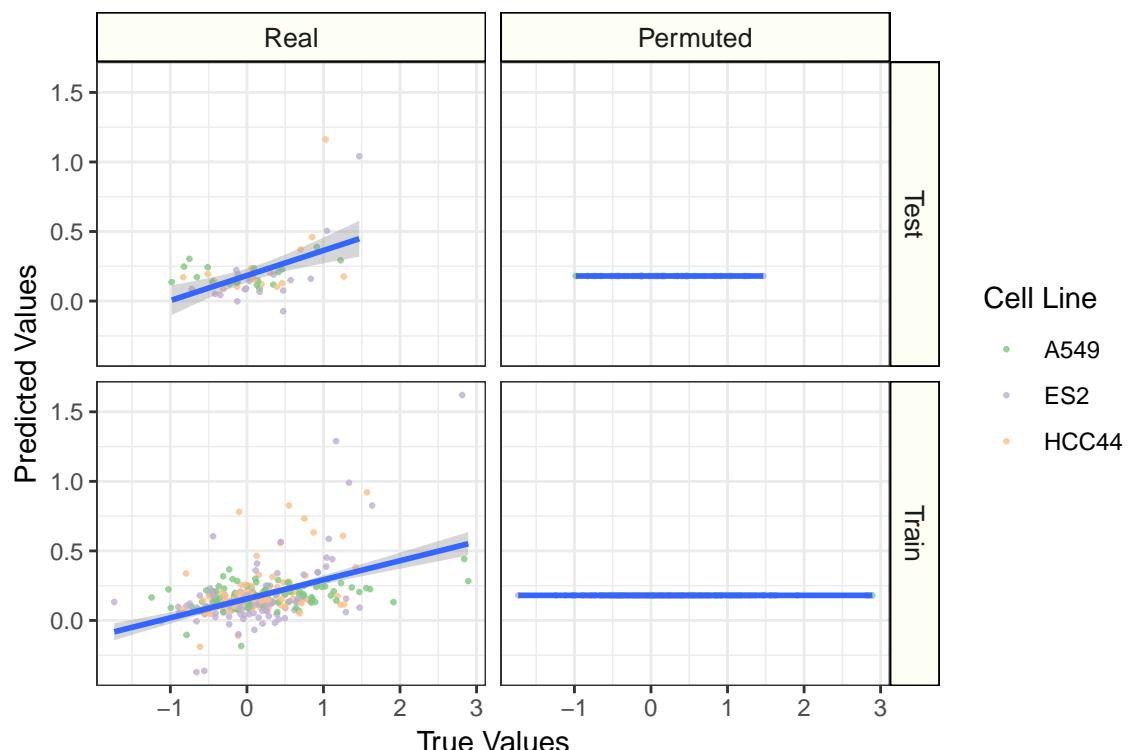


fit	shuffle	transform	r2	value
Train	Real	raw	0.10	0.35
Test	Real	raw	0.11	0.28
Train	Shuffle	raw	0.00	0.39
Test	Shuffle	raw	0.00	0.32

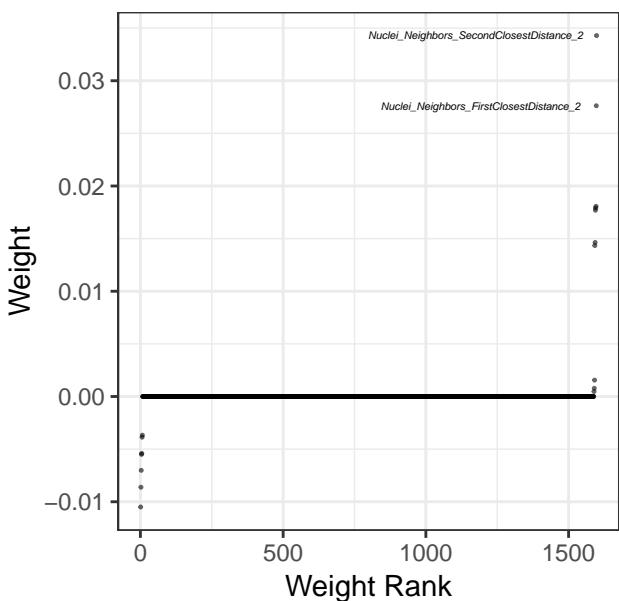


Performance: cc_g2_ph3_pos_n_spots_per_nucleus_area_mean

Transform: raw

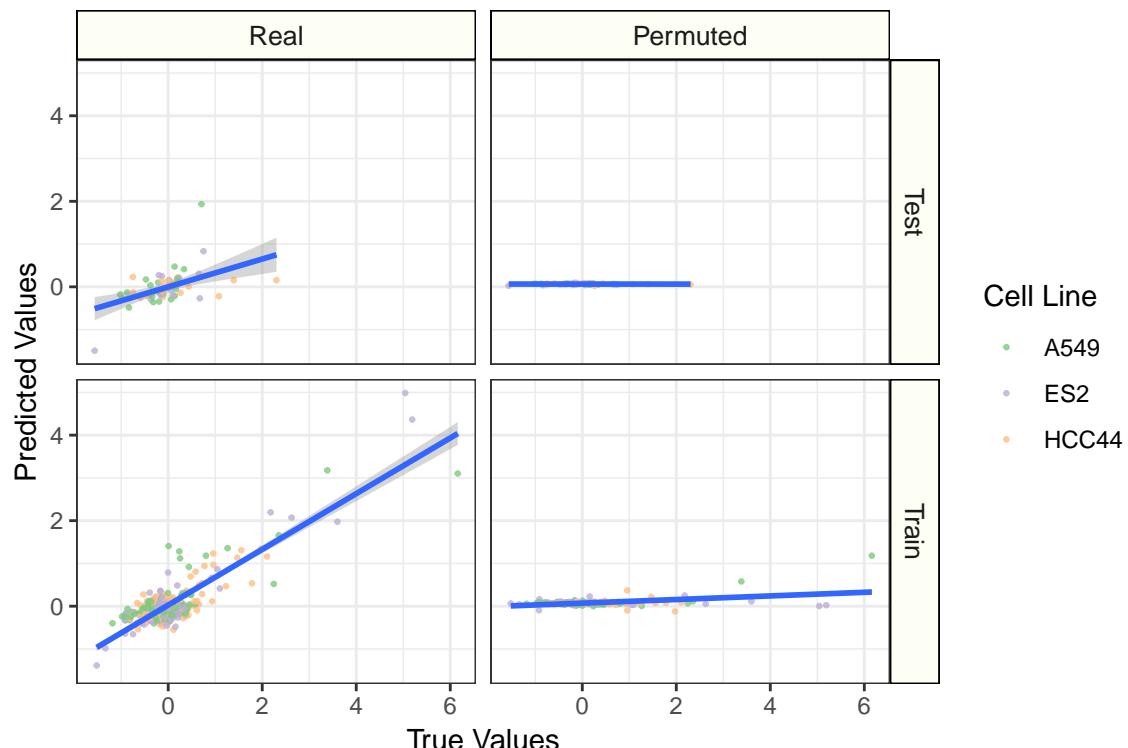


fit	shuffle	transform	r2	value
Train	Real	raw	0.18	0.31
Test	Real	raw	0.20	0.25
Train	Shuffle	raw	0.00	0.38
Test	Shuffle	raw	-0.02	0.32

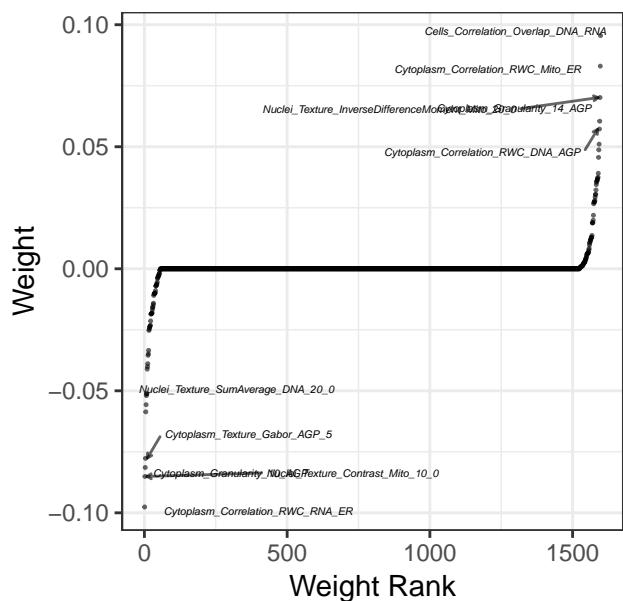


Performance: cc_g2_plus_all_m

Transform: raw

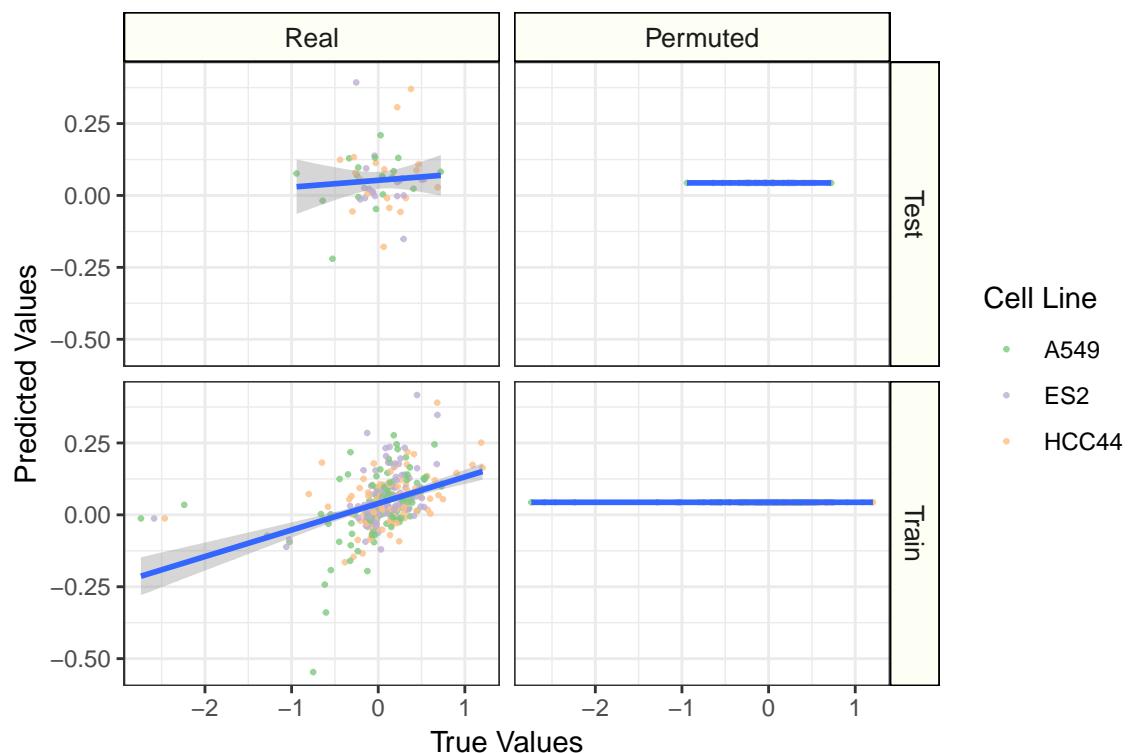


fit	shuffle	transform	r2	value
Train	Real	raw	0.73	0.18
Test	Real	raw	0.19	0.30
Train	Shuffle	raw	0.08	0.62
Test	Shuffle	raw	-0.03	0.38

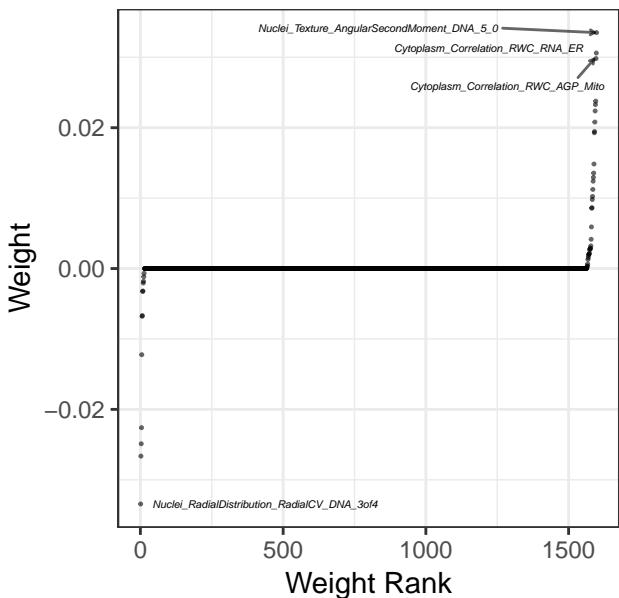


Performance: cc_infection_percentage

Transform: raw

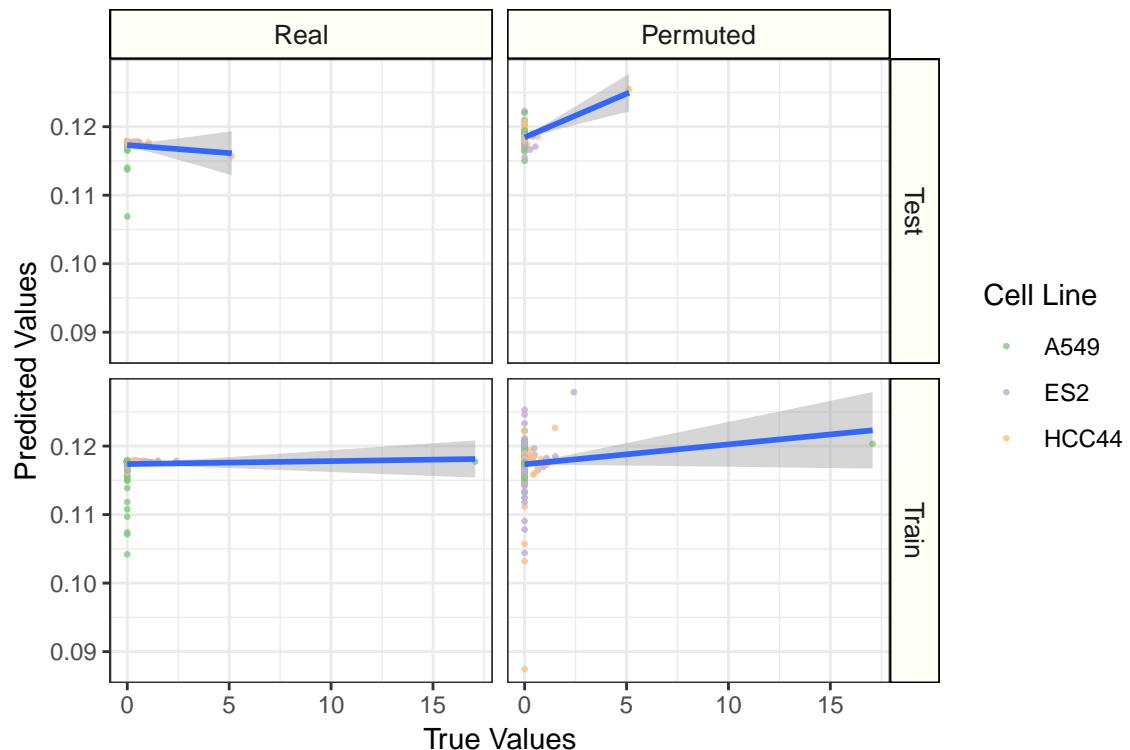


fit	shuffle	transform	r2	value
Train	Real	raw	0.13	0.17
Test	Real	raw	-0.07	0.11
Train	Shuffle	raw	0.00	0.19
Test	Shuffle	raw	0.00	0.10

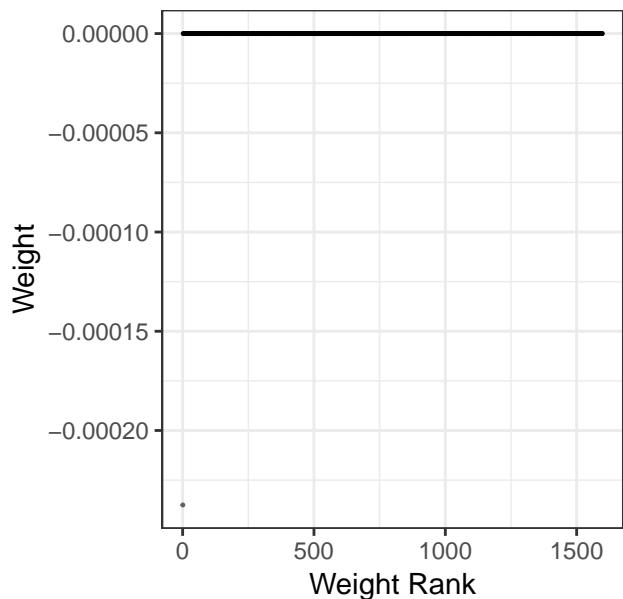


Performance: cc_mitosis_ph3_neg_high_n_spots_h2ax_mean

Transform: raw

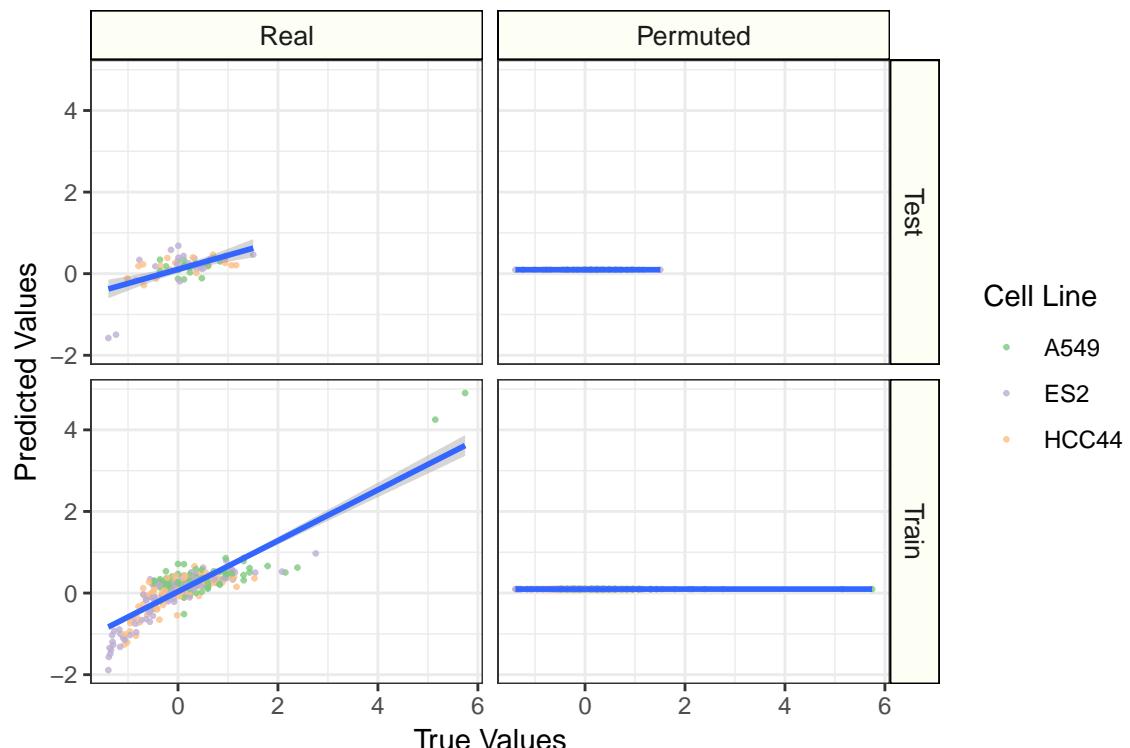


fit	shuffle	transform	r2	value
Train	Real	raw	0	1.03
Test	Real	raw	0	0.50
Train	Shuffle	raw	0	1.03
Test	Shuffle	raw	0	0.50

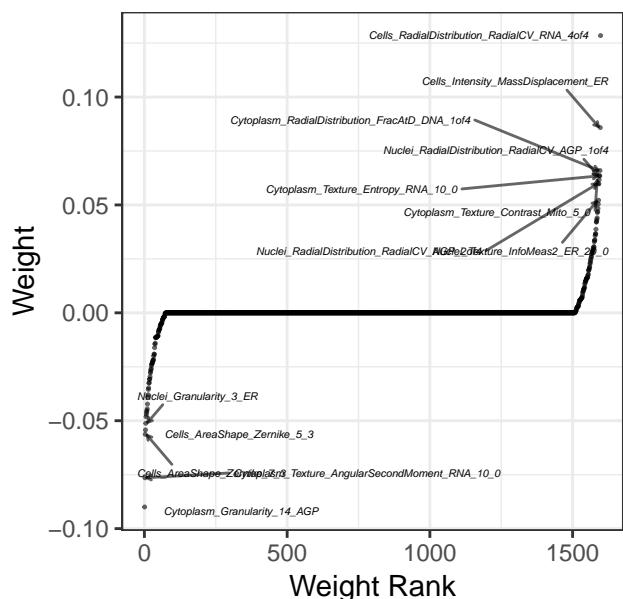


Performance: cc_mitosis_ph3_neg_n_objects

Transform: raw

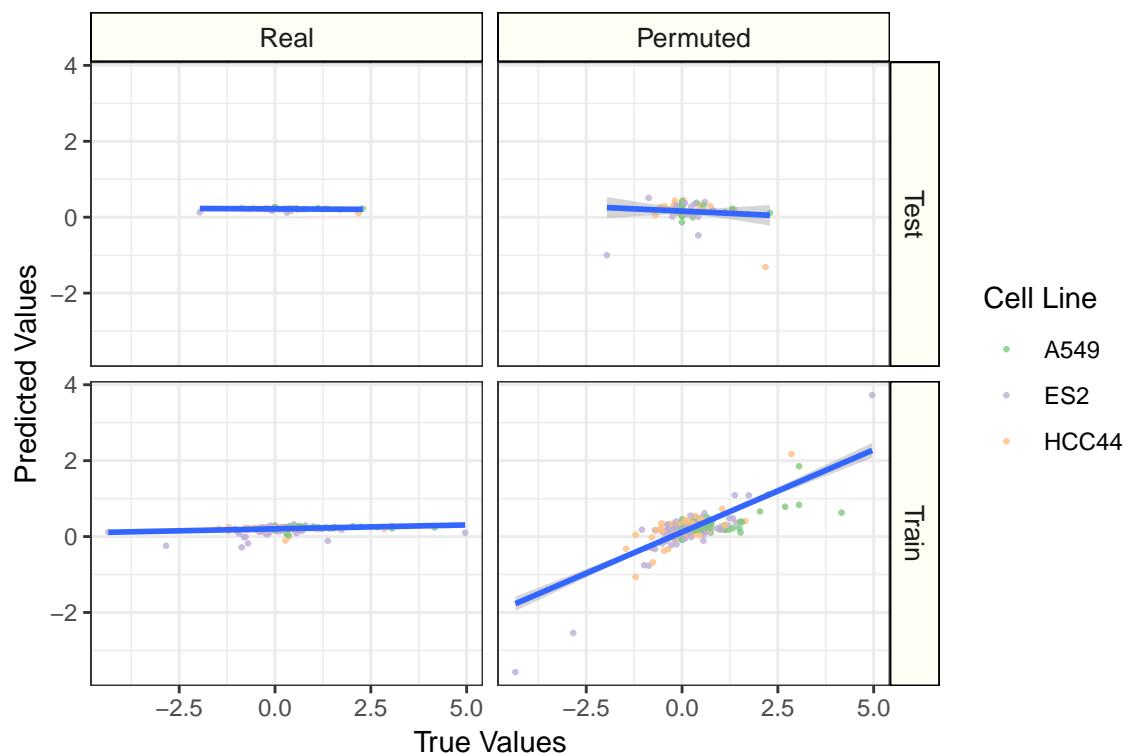


fit	shuffle	transform	r2	value
Train	Real	raw	0.7	0.19
Test	Real	raw	0.3	0.27
Train	Shuffle	raw	0.0	0.64
Test	Shuffle	raw	0.0	0.39

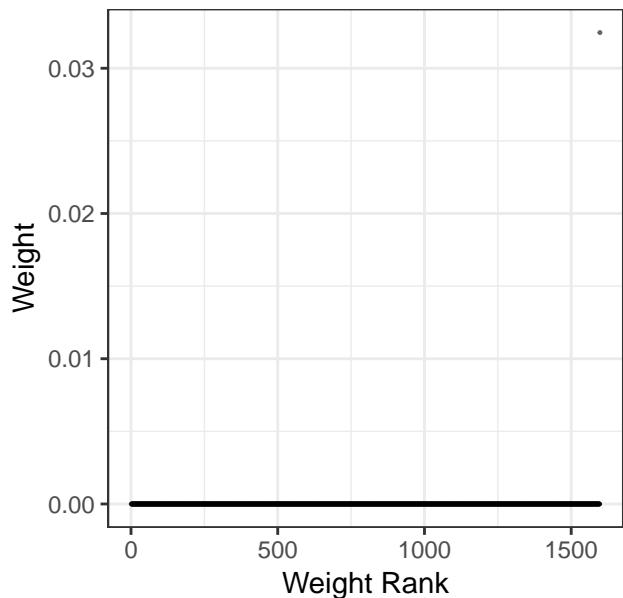


Performance: cc_mitosis_ph3_neg_n_spots_mean

Transform: raw

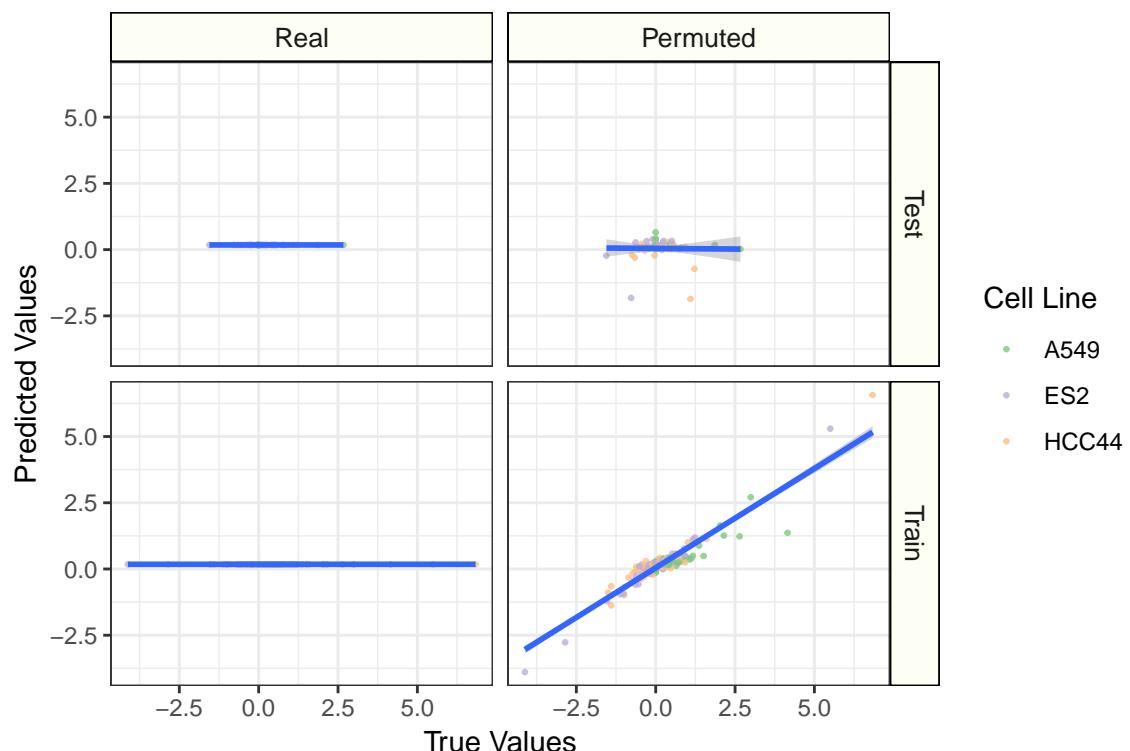


fit	shuffle	transform	r2	value
Train	Real	raw	0.03	0.58
Test	Real	raw	-0.01	0.47
Train	Shuffle	raw	0.55	0.27
Test	Shuffle	raw	-0.30	0.61

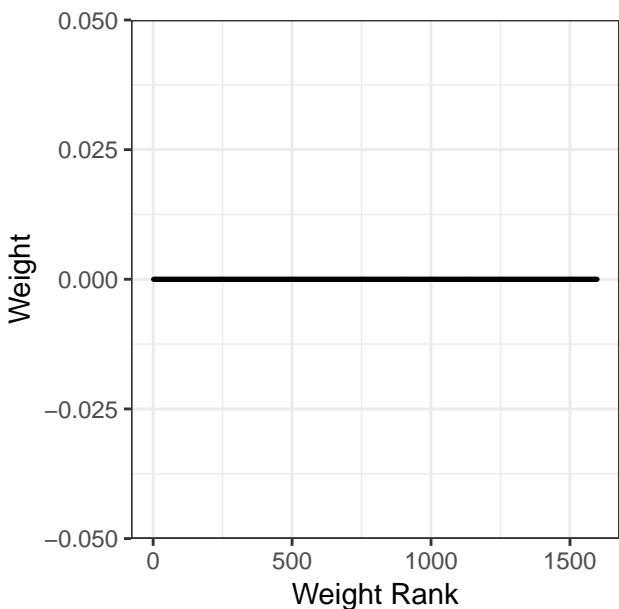


Performance: cc_mitosis_ph3_neg_n_spots_per_nucleus_area

Transform: raw

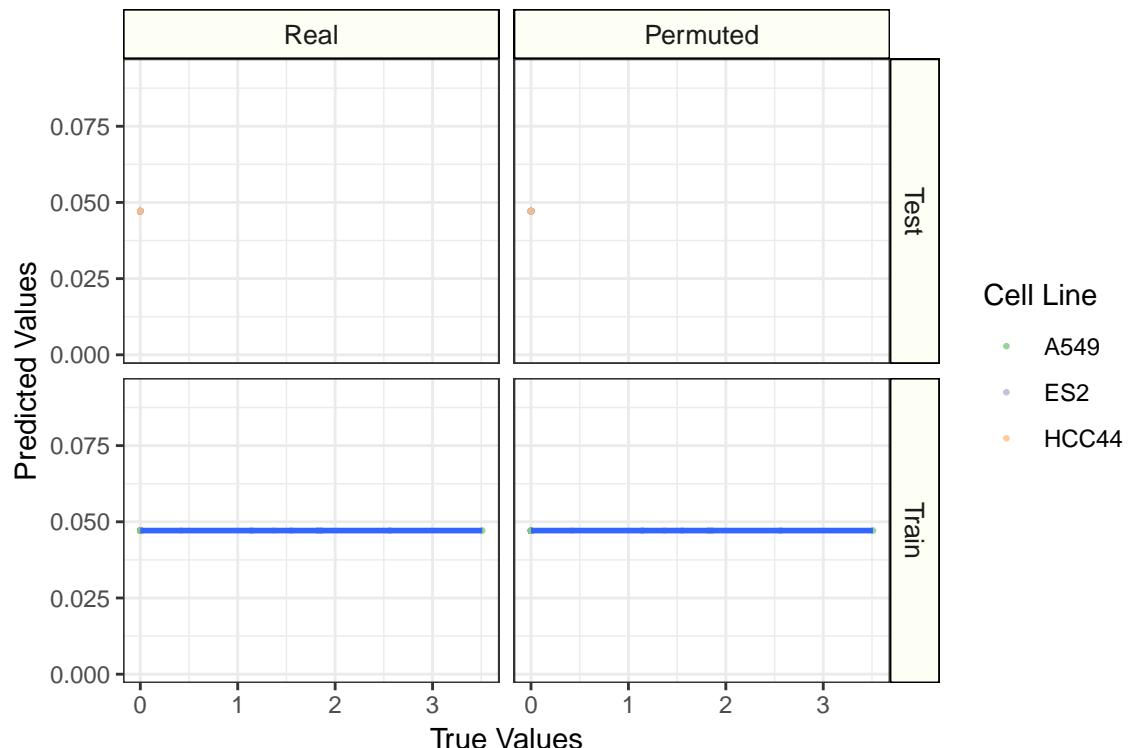


fit	shuffle	transform	r2	value
Train	Real	raw	0.00	0.67
Test	Real	raw	-0.01	0.41
Train	Shuffle	raw	0.85	0.10
Test	Shuffle	raw	-0.47	0.60

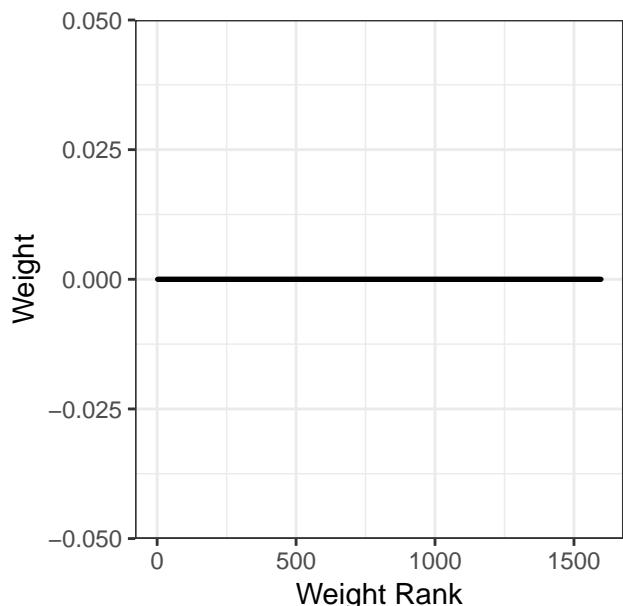


Performance: cc_mitosis_ph3_pos_high_n_spots_h2ax_mean

Transform: raw

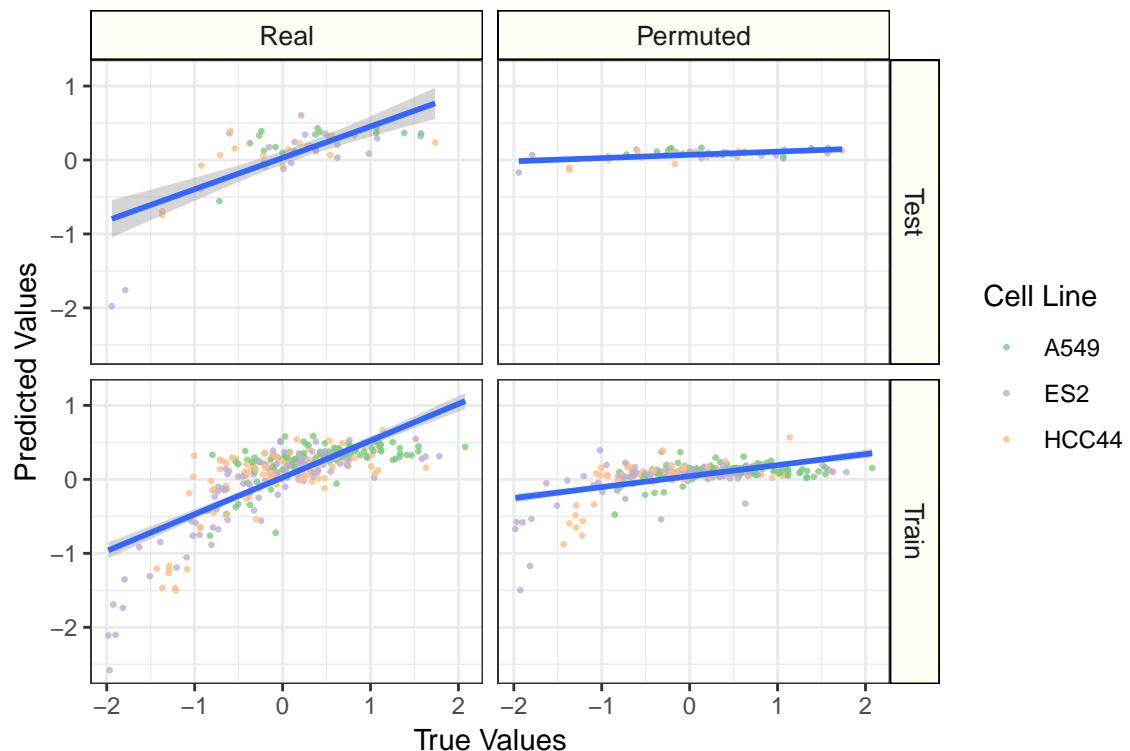


fit	shuffle	transform	r2	value
Train	Real	raw	0	0.1
Test	Real	raw	0	0.0
Train	Shuffle	raw	0	0.1
Test	Shuffle	raw	0	0.0

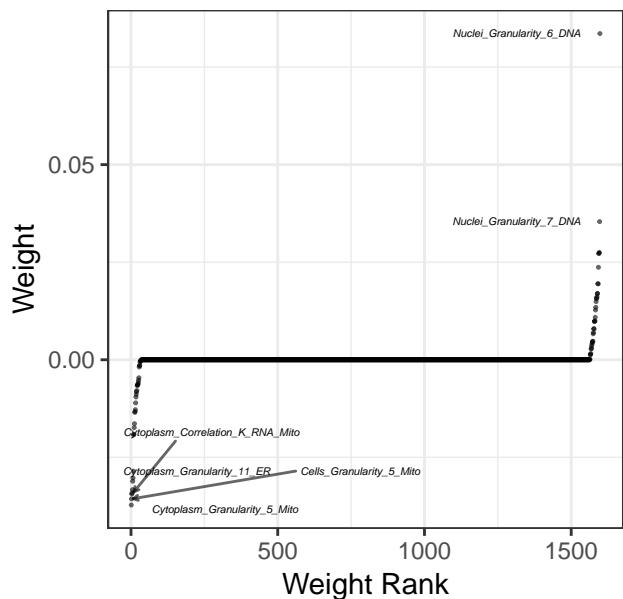


Performance: cc_mitosis_ph3_pos_n_objects

Transform: raw

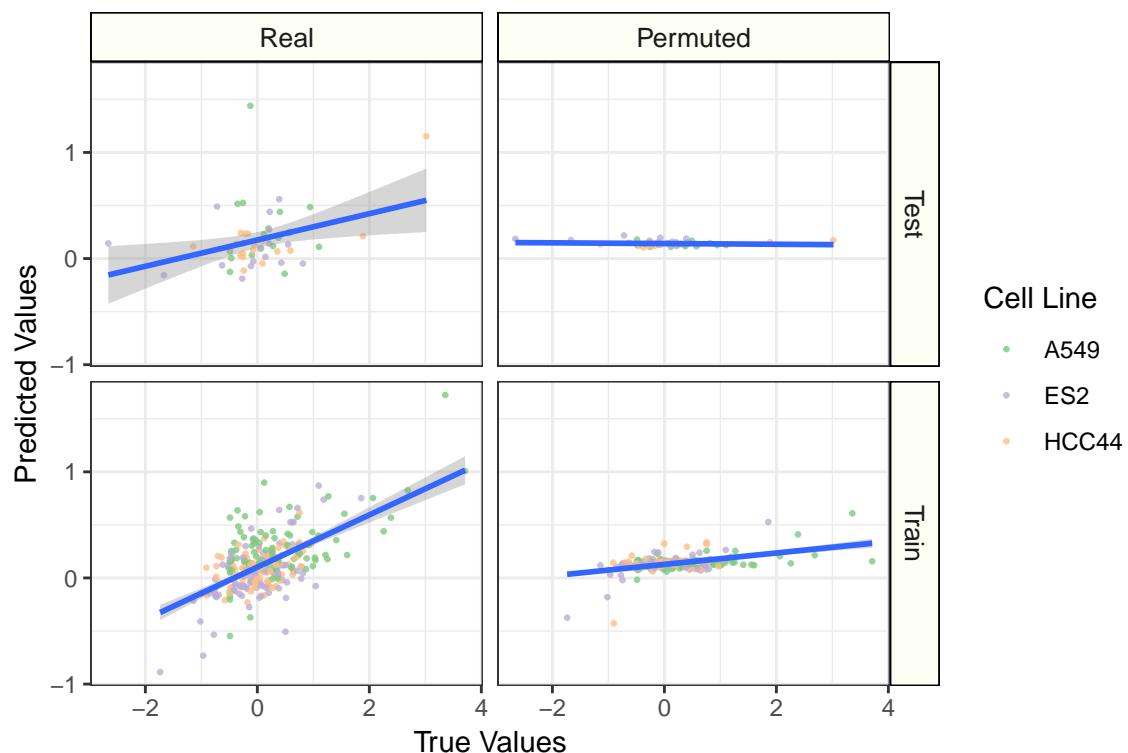


fit	shuffle	transform	r2	value
Train	Real	raw	0.55	0.24
Test	Real	raw	0.49	0.31
Train	Shuffle	raw	0.22	0.41
Test	Shuffle	raw	0.08	0.56

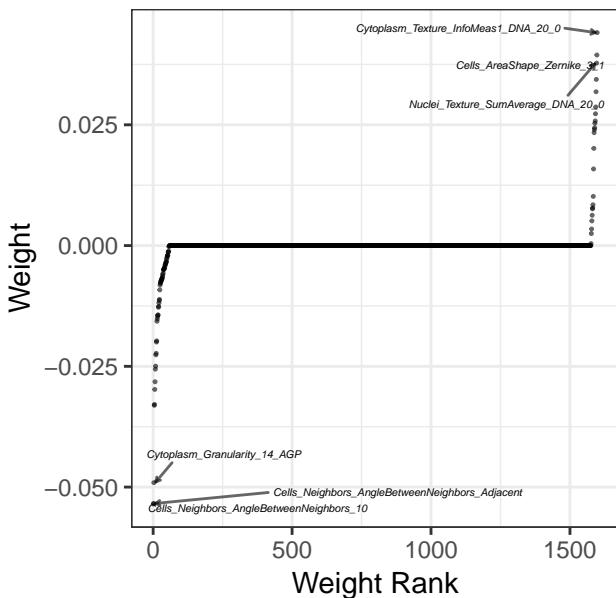


Performance: cc_mitosis_ph3_pos_n_spots_mean

Transform: raw

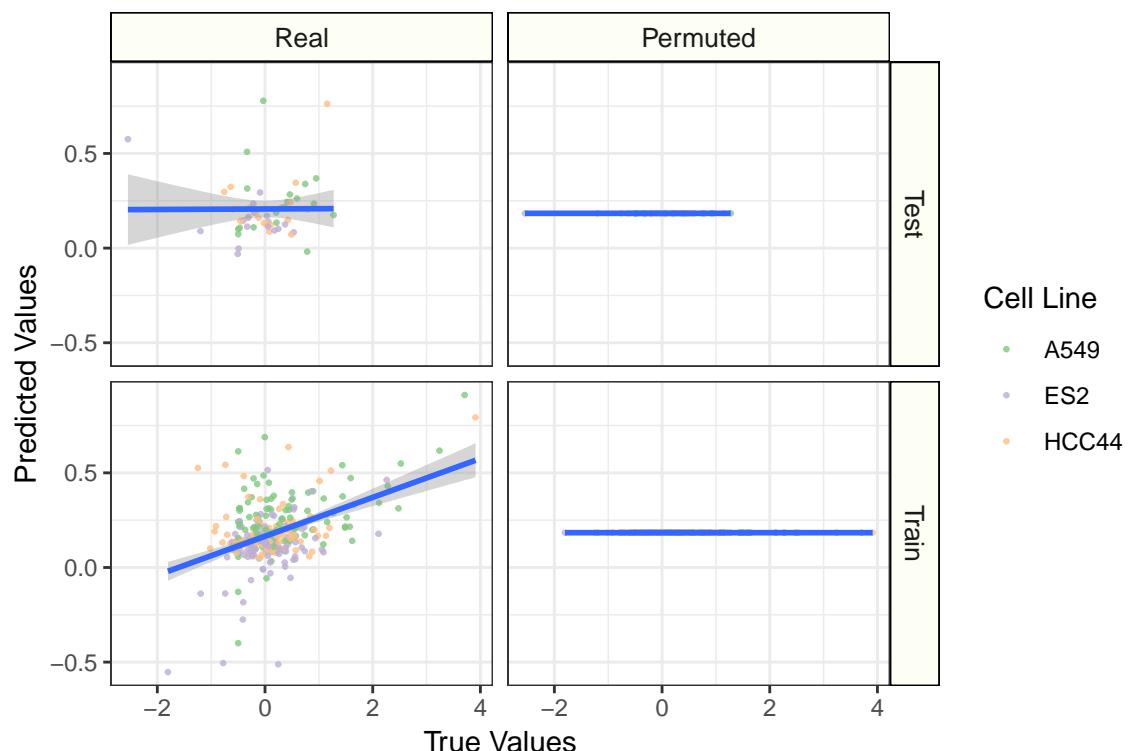


fit	shuffle	transform	r2	value
Train	Real	raw	0.33	0.27
Test	Real	raw	0.08	0.55
Train	Shuffle	raw	0.09	0.37
Test	Shuffle	raw	-0.03	0.61

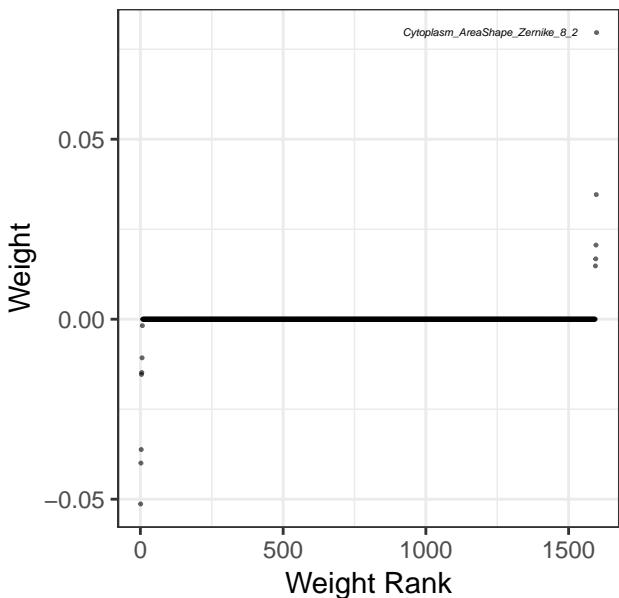


Performance: cc_mitosis_ph3_pos_n_spots_per_nucleus_area

Transform: raw

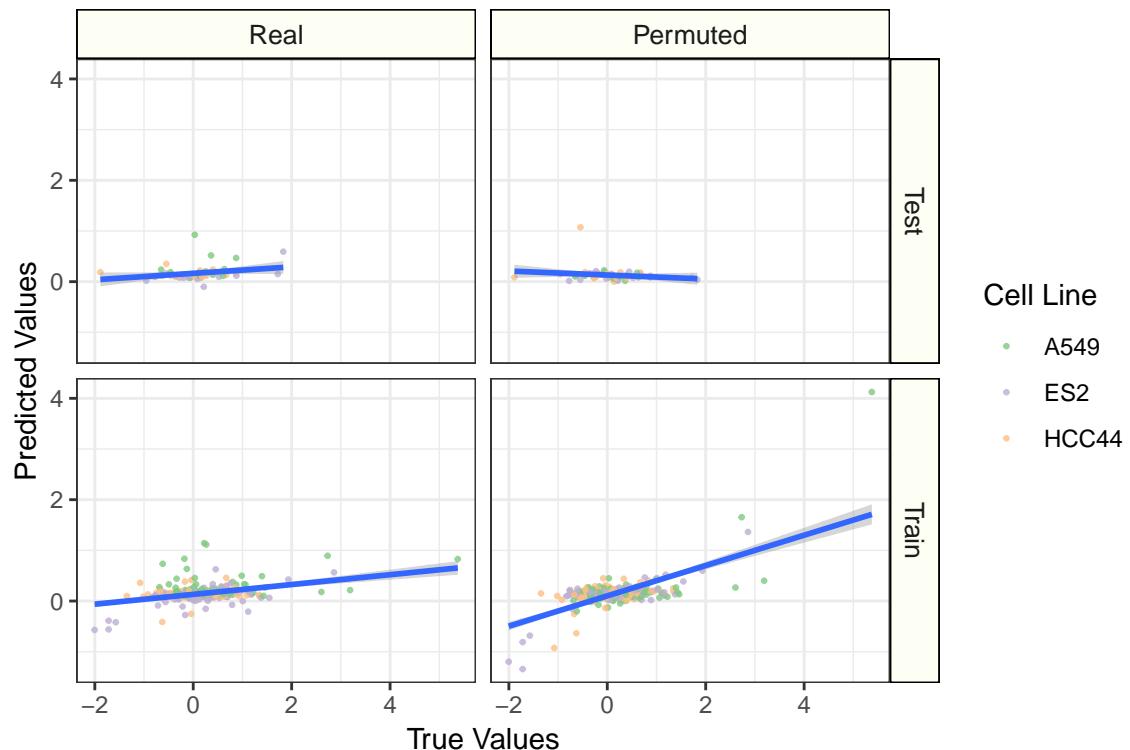


fit	shuffle	transform	r2	value
Train	Real	raw	0.15	0.41
Test	Real	raw	-0.16	0.44
Train	Shuffle	raw	0.00	0.49
Test	Shuffle	raw	-0.07	0.41

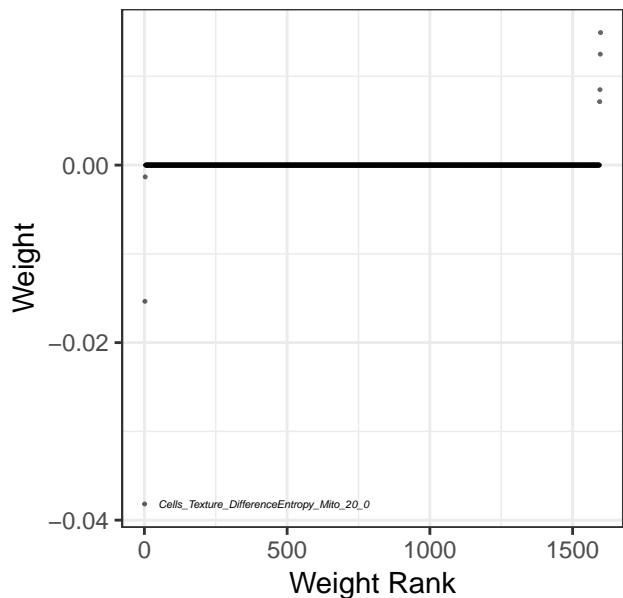


Performance: cc_polynuclear_high_n_spots_h2ax_mean

Transform: raw

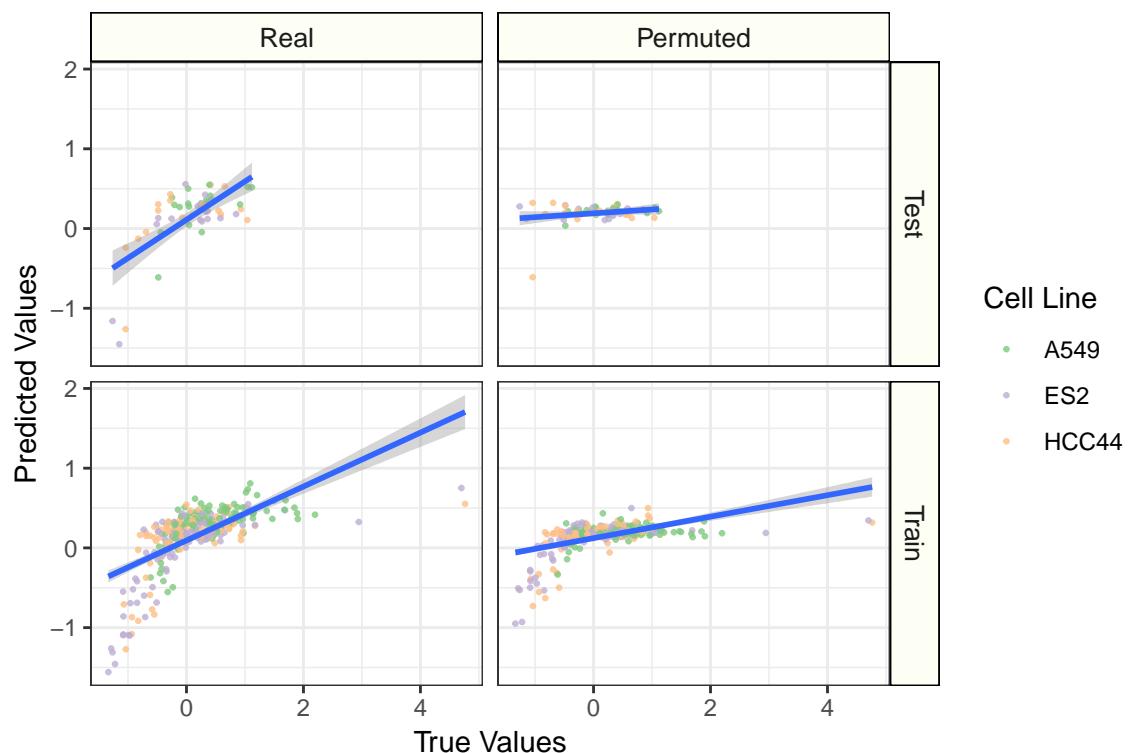


fit	shuffle	transform	r2	value
Train	Real	raw	0.13	0.43
Test	Real	raw	0.02	0.36
Train	Shuffle	raw	0.40	0.30
Test	Shuffle	raw	-0.15	0.42

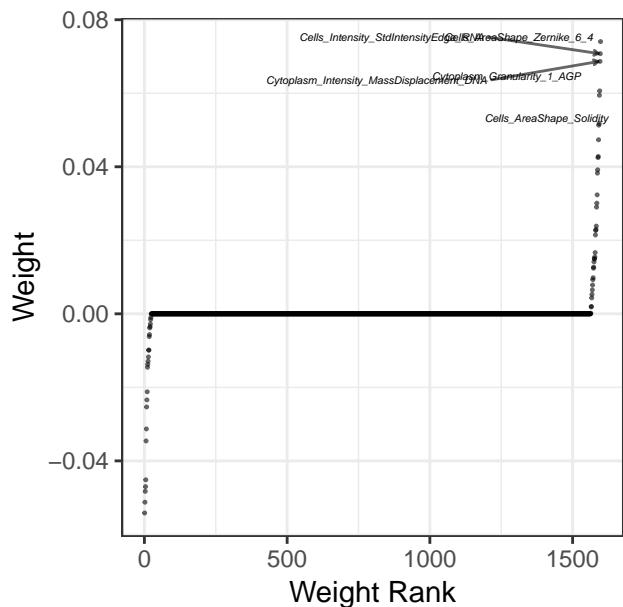


Performance: cc_polynuclear_n_objects

Transform: raw

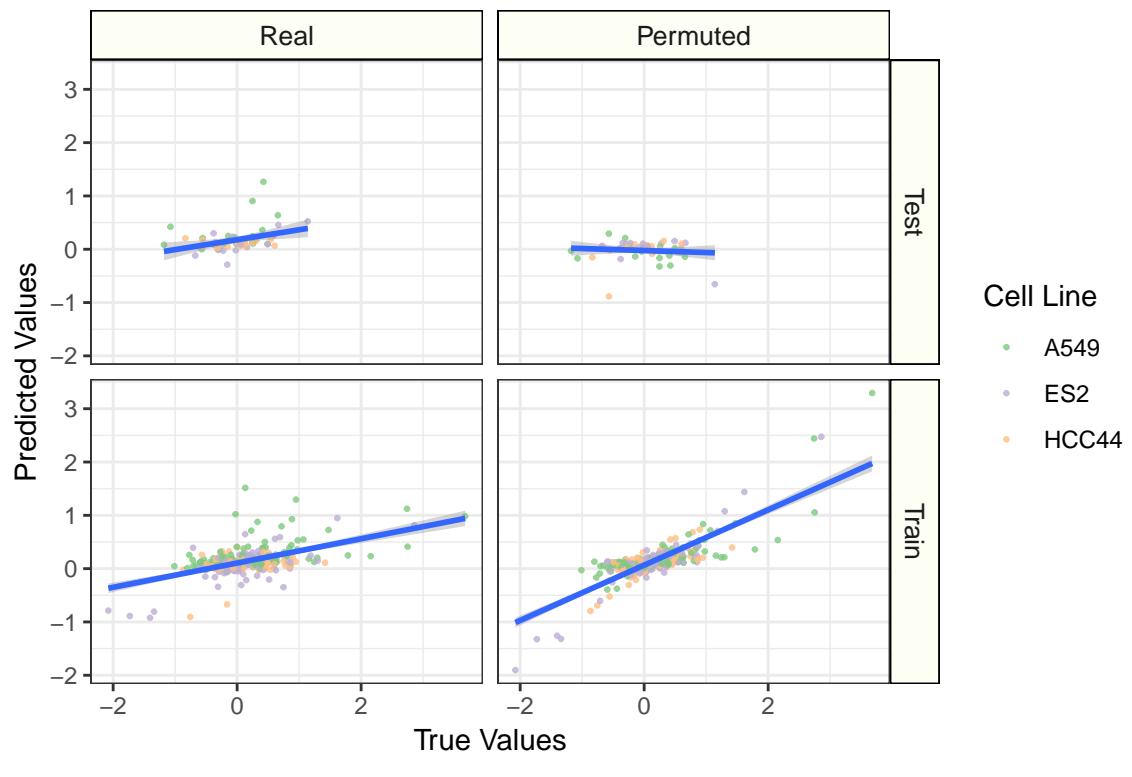


fit	shuffle	transform	r2	value
Train	Real	raw	0.40	0.32
Test	Real	raw	0.42	0.18
Train	Shuffle	raw	0.20	0.43
Test	Shuffle	raw	0.00	0.31

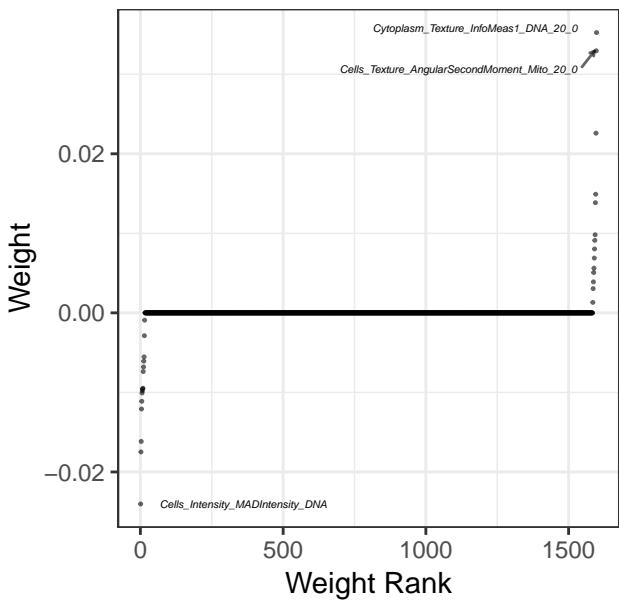


Performance: cc_polynuclear_n_spots_mean

Transform: raw

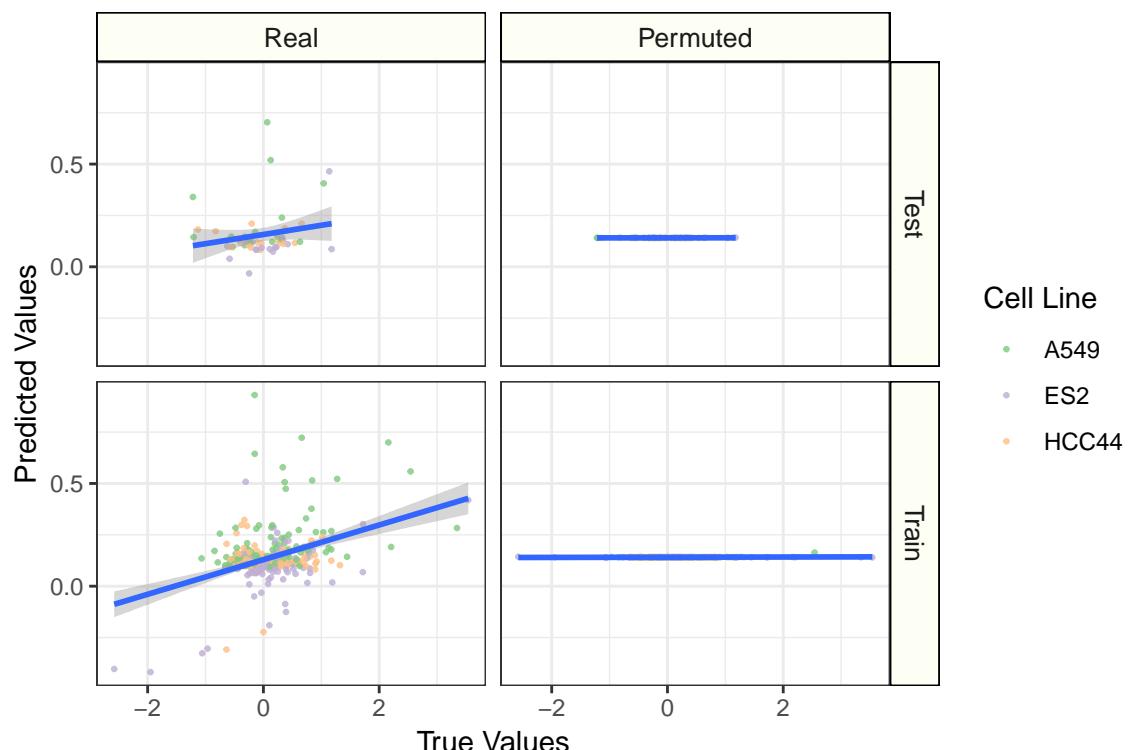


fit	shuffle	transform	r2	value
Train	Real	raw	0.28	0.27
Test	Real	raw	-0.09	0.22
Train	Shuffle	raw	0.64	0.14
Test	Shuffle	raw	-0.24	0.26

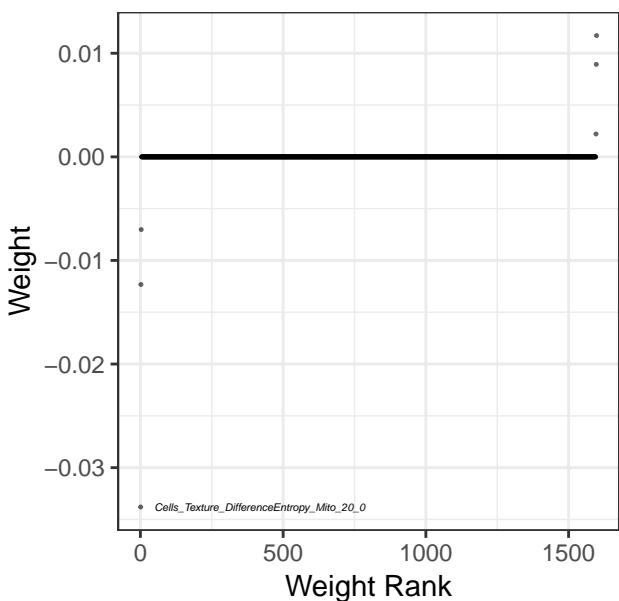


Performance: cc_polynuclear_n_spots_per_nucleus_area_mean

Transform: raw

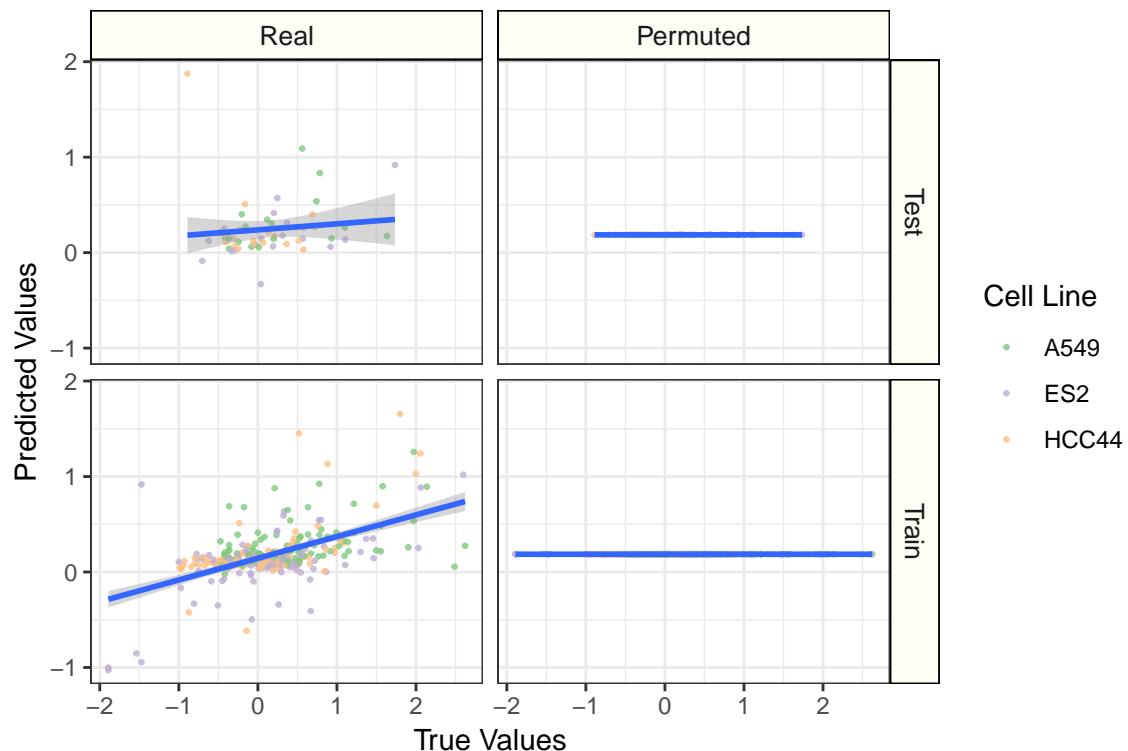


fit	shuffle	transform	r2	value
Train	Real	raw	0.12	0.33
Test	Real	raw	-0.09	0.28
Train	Shuffle	raw	0.00	0.38
Test	Shuffle	raw	-0.11	0.29

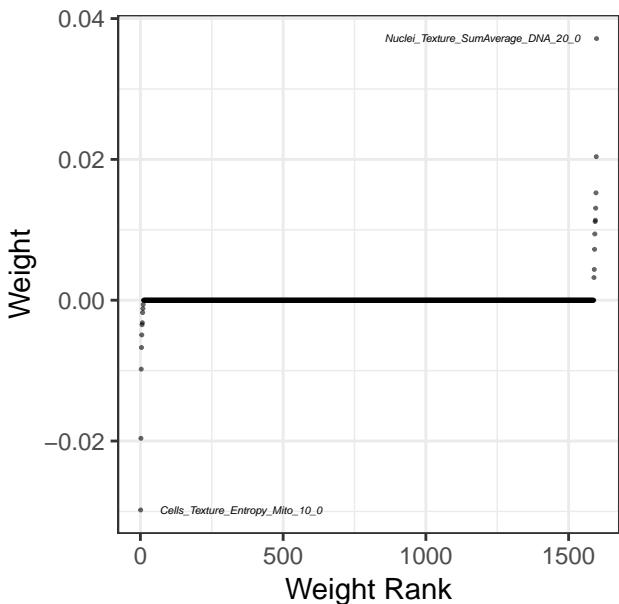


Performance: cc_polyplloid_high_n_spots_h2ax_mean

Transform: raw

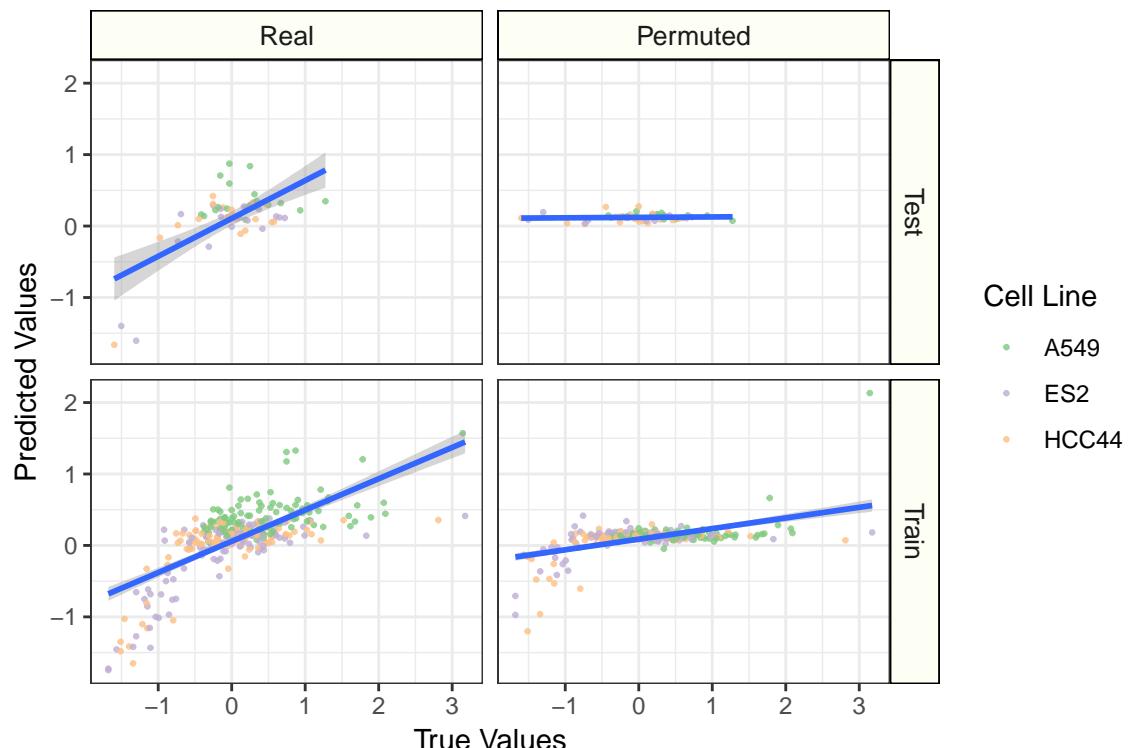


fit	shuffle	transform	r2	value
Train	Real	raw	0.28	0.35
Test	Real	raw	-0.25	0.38
Train	Shuffle	raw	0.00	0.48
Test	Shuffle	raw	0.00	0.31

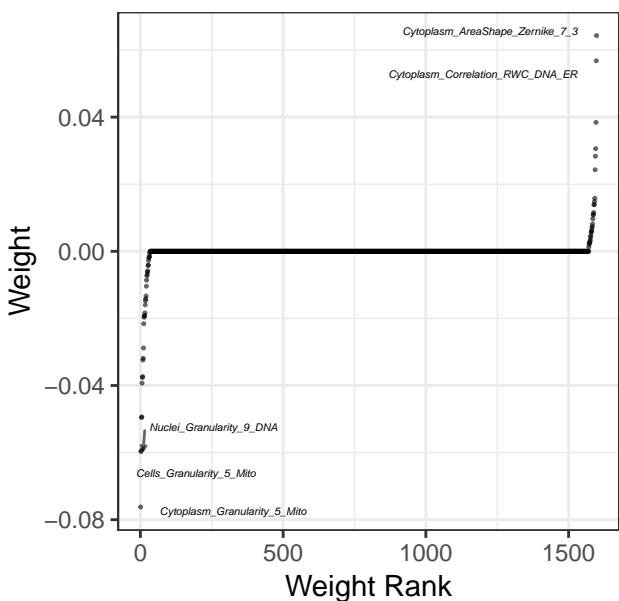


Performance: cc_polyplloid_n_objects

Transform: raw

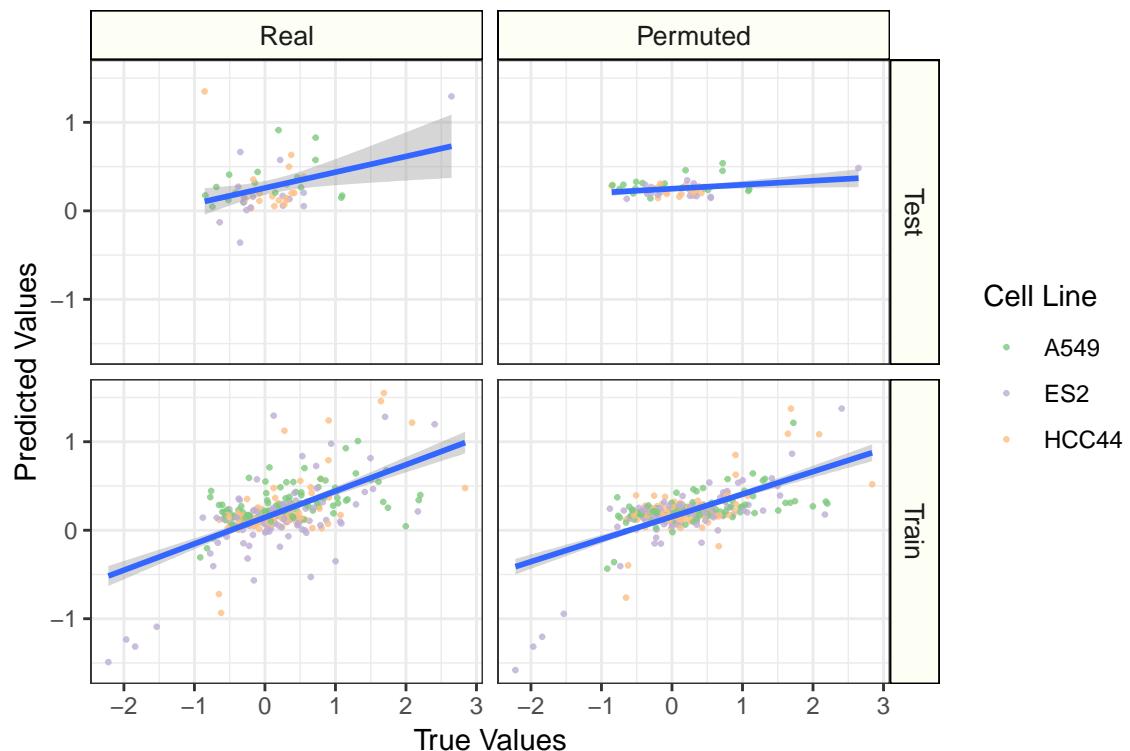


fit	shuffle	transform	r2	value
Train	Real	raw	0.49	0.28
Test	Real	raw	0.34	0.20
Train	Shuffle	raw	0.22	0.43
Test	Shuffle	raw	-0.04	0.32

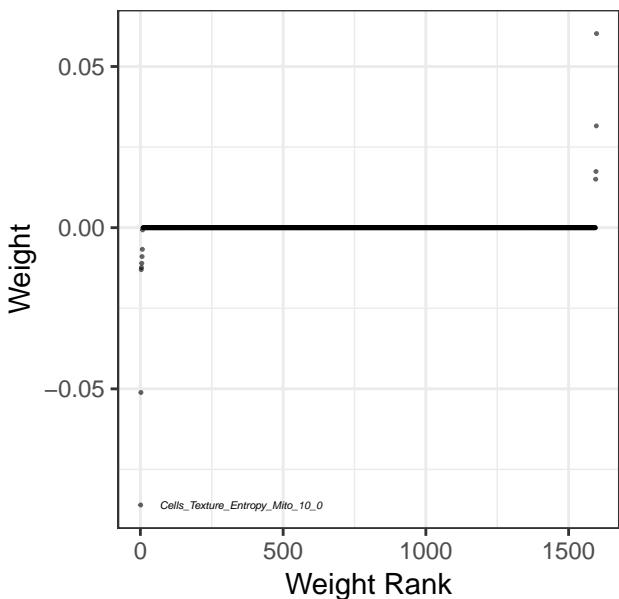


Performance: cc_polyplloid_n_spots_mean

Transform: raw

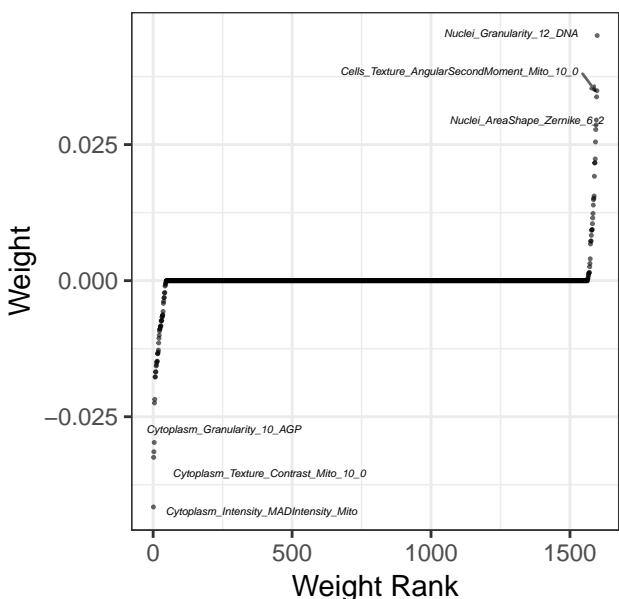
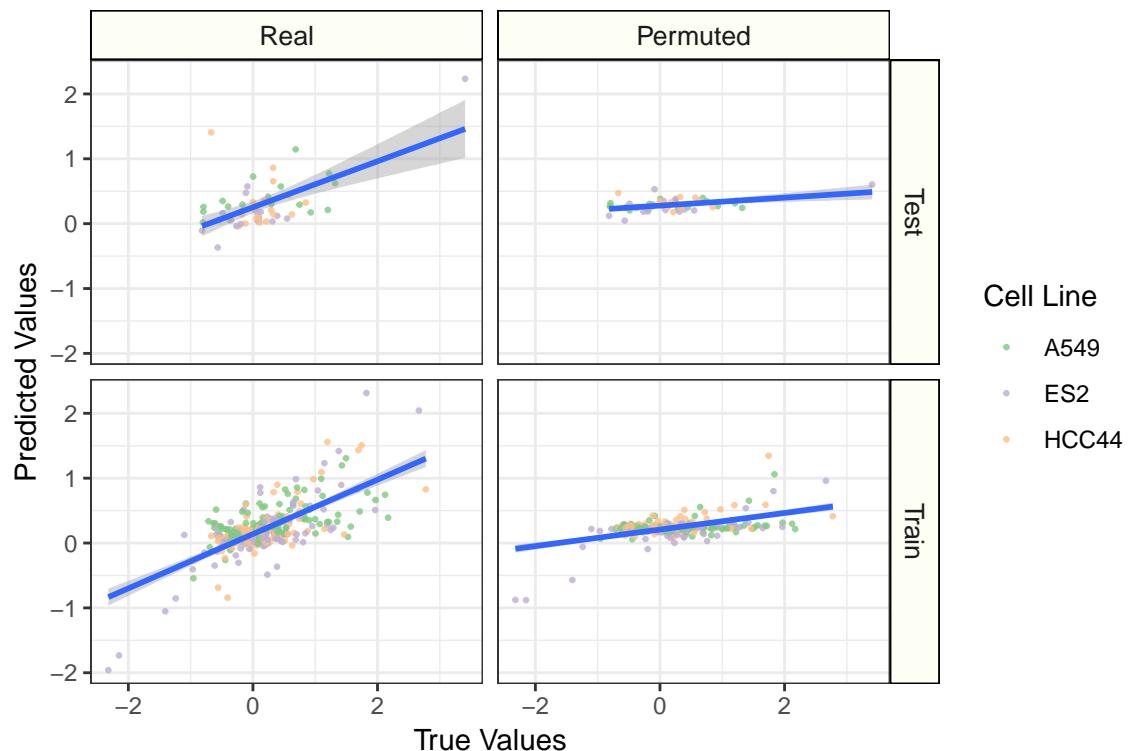


fit	shuffle	transform	r2	value
Train	Real	raw	0.35	0.29
Test	Real	raw	-0.03	0.34
Train	Shuffle	raw	0.35	0.29
Test	Shuffle	raw	-0.02	0.34



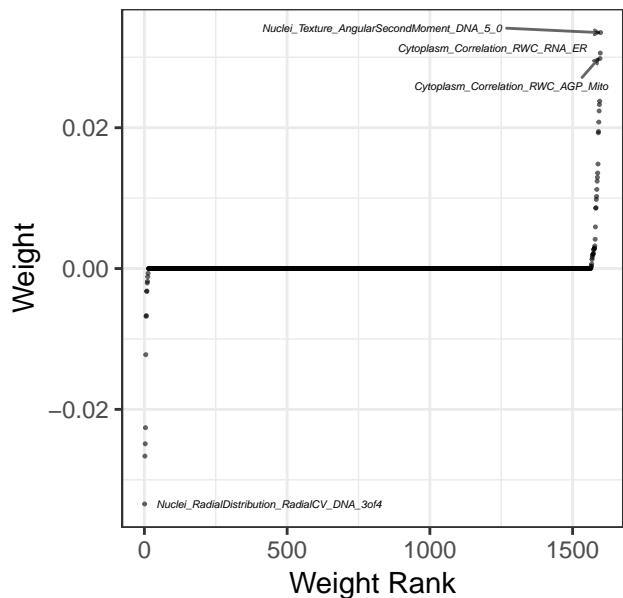
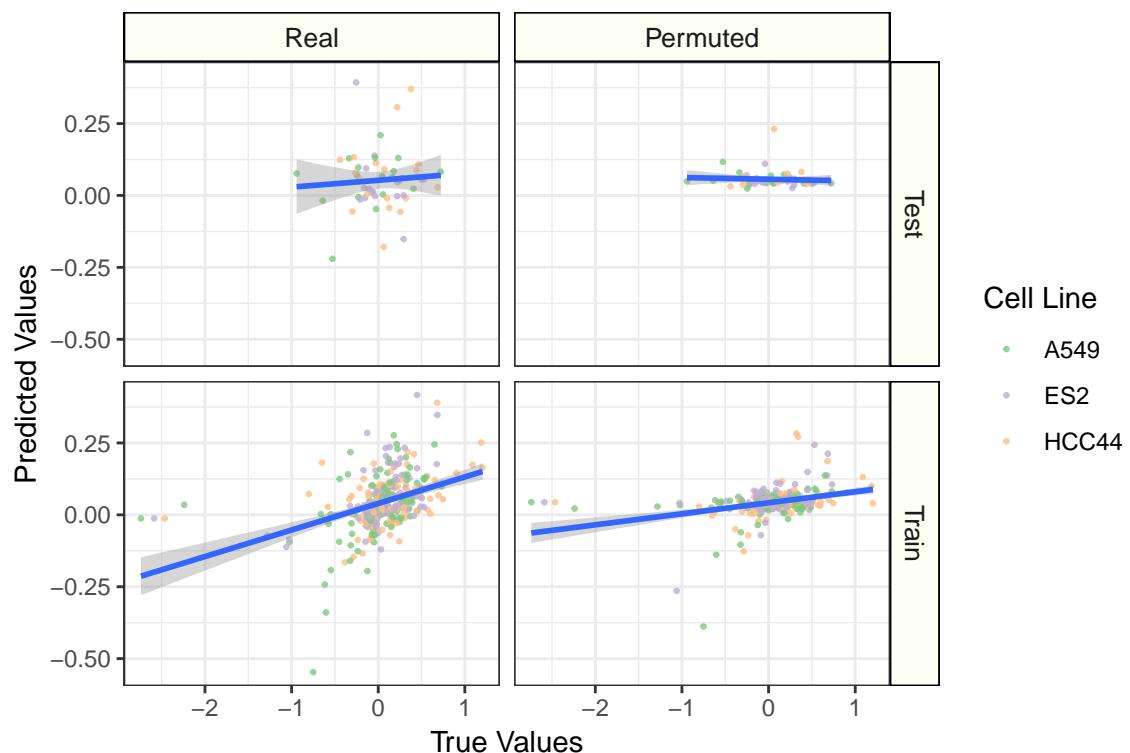
Performance: cc_polyplloid_n_spots_per_nucleus_area_mean

Transform: raw



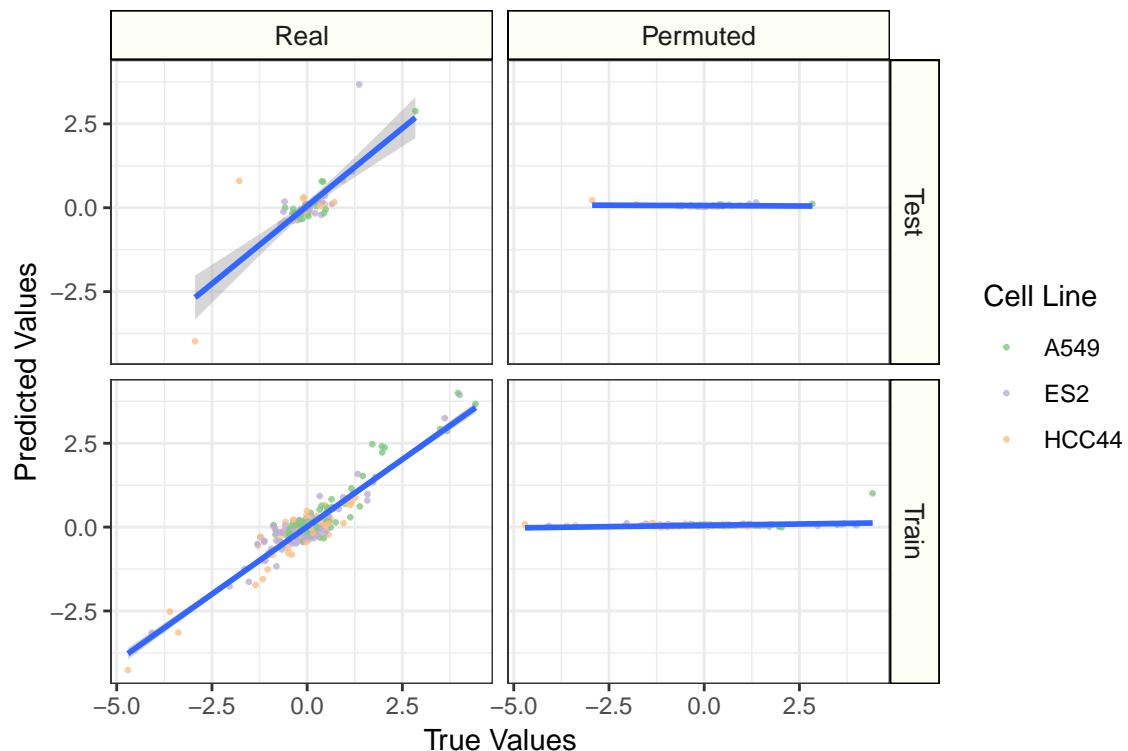
Performance: vb_infection_percentage

Transform: raw

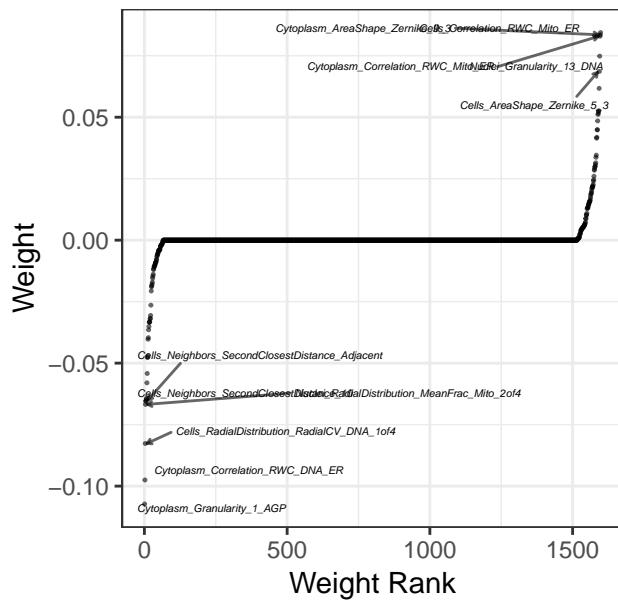


Performance: vb_live_cell_area

Transform: raw

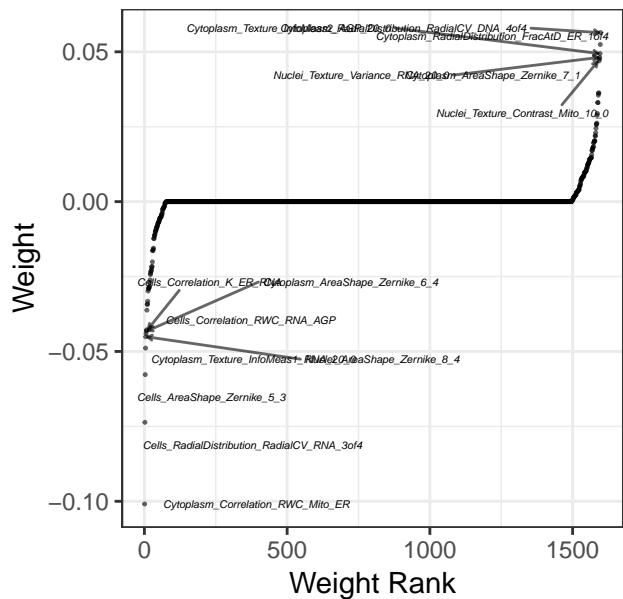
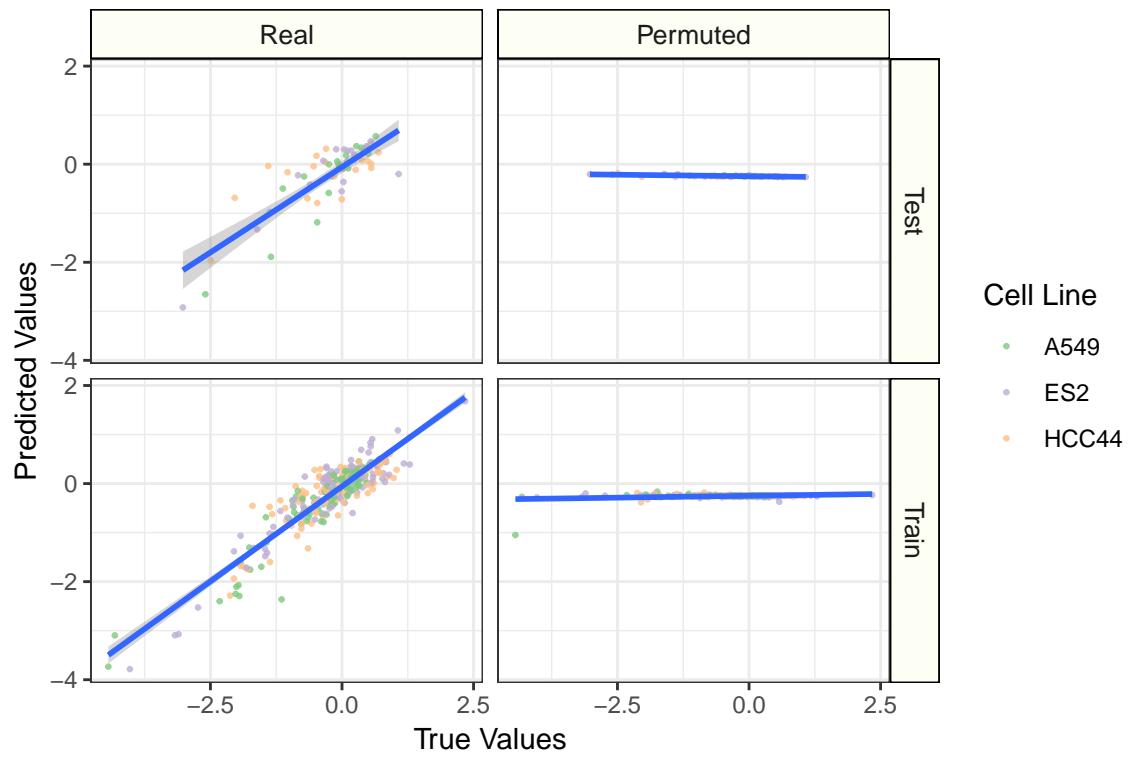


fit	shuffle	transform	r2	value
Train	Real	raw	0.86	0.12
Test	Real	raw	0.41	0.33
Train	Shuffle	raw	0.03	0.86
Test	Shuffle	raw	-0.01	0.56



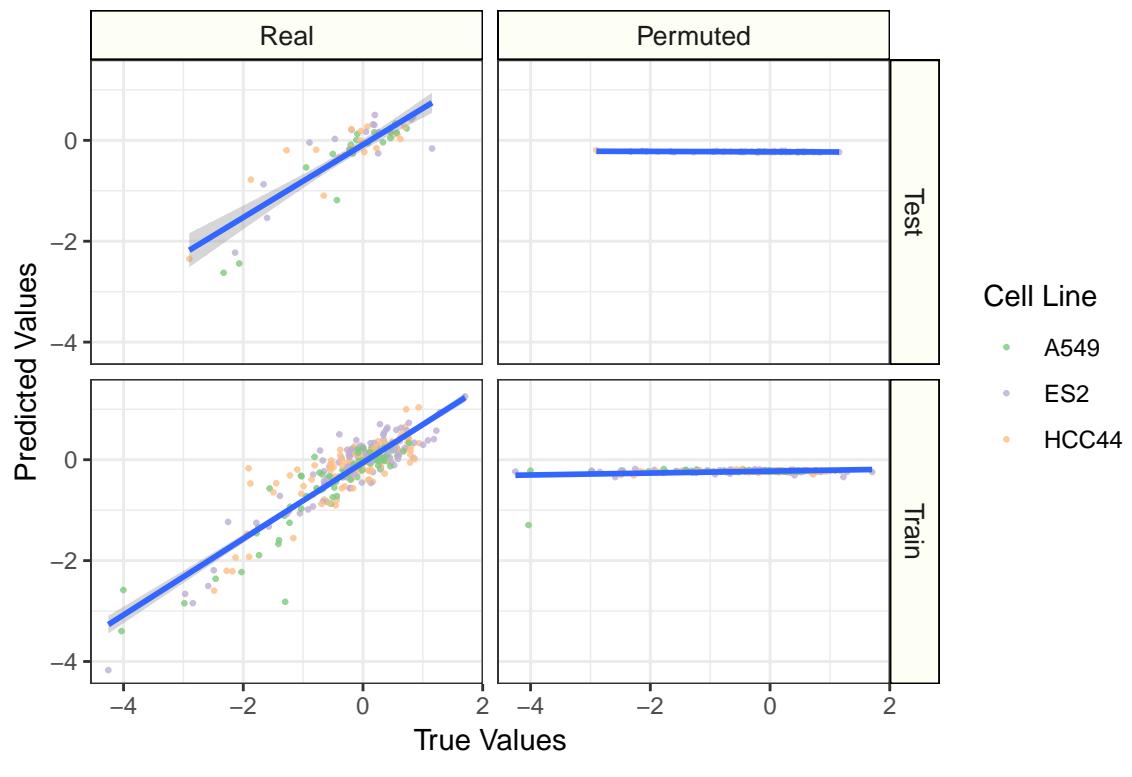
Performance: vb_live_cell_roundness

Transform: raw

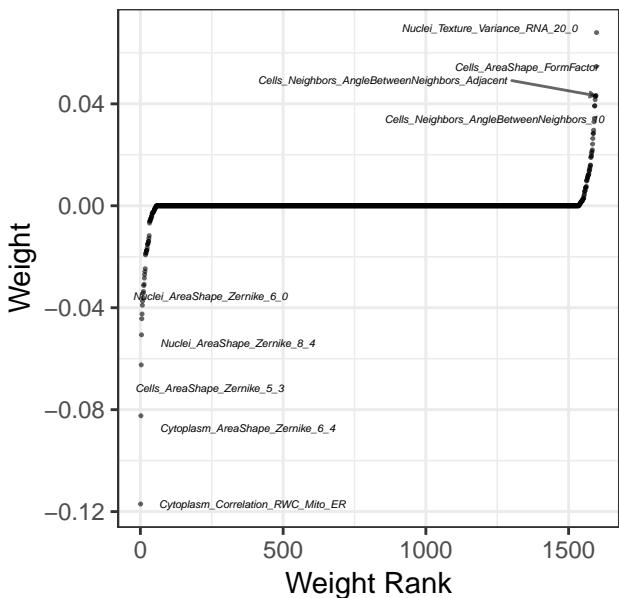


Performance: vb_live_cell_width_length

Transform: raw

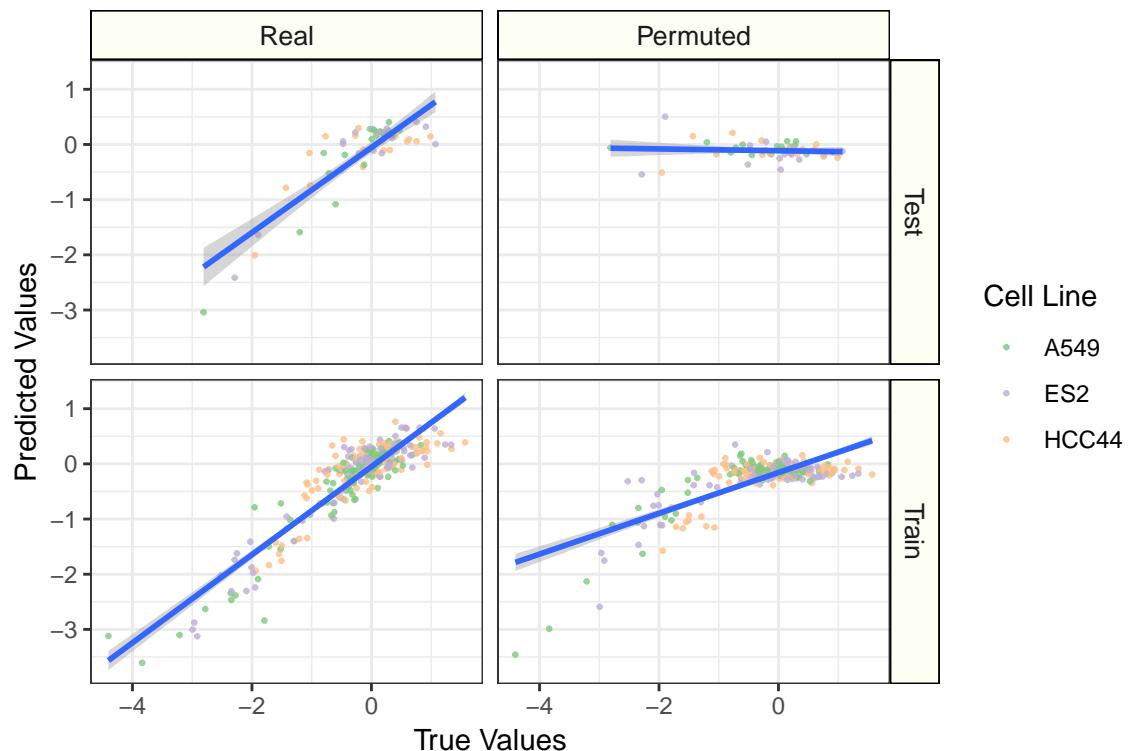


fit	shuffle	transform	r2	value
Train	Real	raw	0.80	0.15
Test	Real	raw	0.73	0.20
Train	Shuffle	raw	0.03	0.74
Test	Shuffle	raw	-0.01	0.76

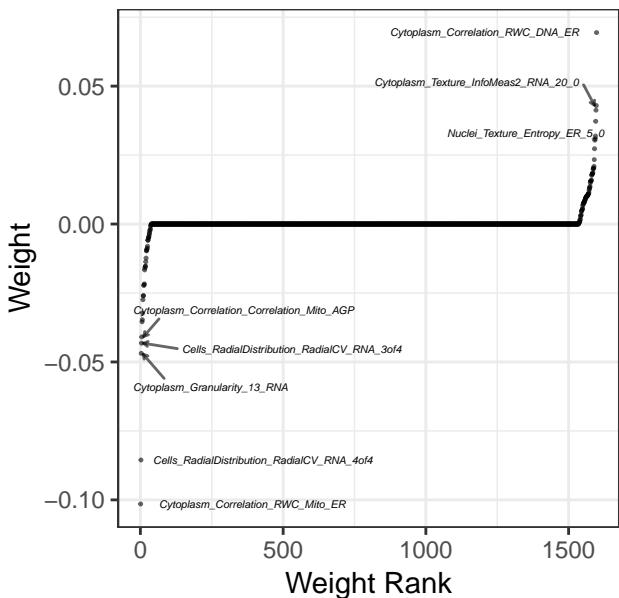


Performance: vb_num_live_cells

Transform: raw

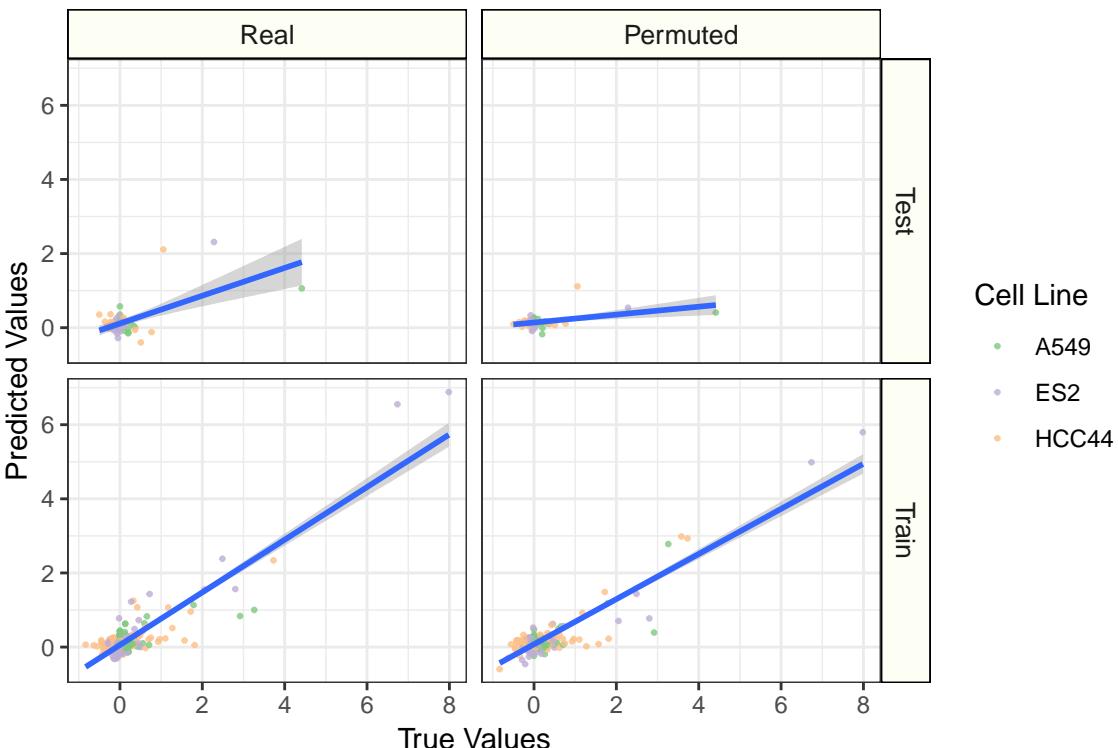


fit	shuffle	transform	r2	value
Train	Real	raw	0.83	0.13
Test	Real	raw	0.74	0.16
Train	Shuffle	raw	0.50	0.38
Test	Shuffle	raw	-0.08	0.68

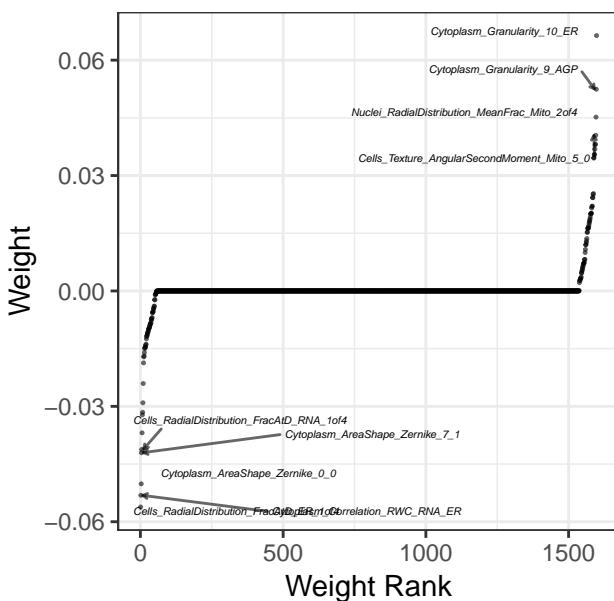


Performance: vb_percent_all_apoptosis

Transform: raw

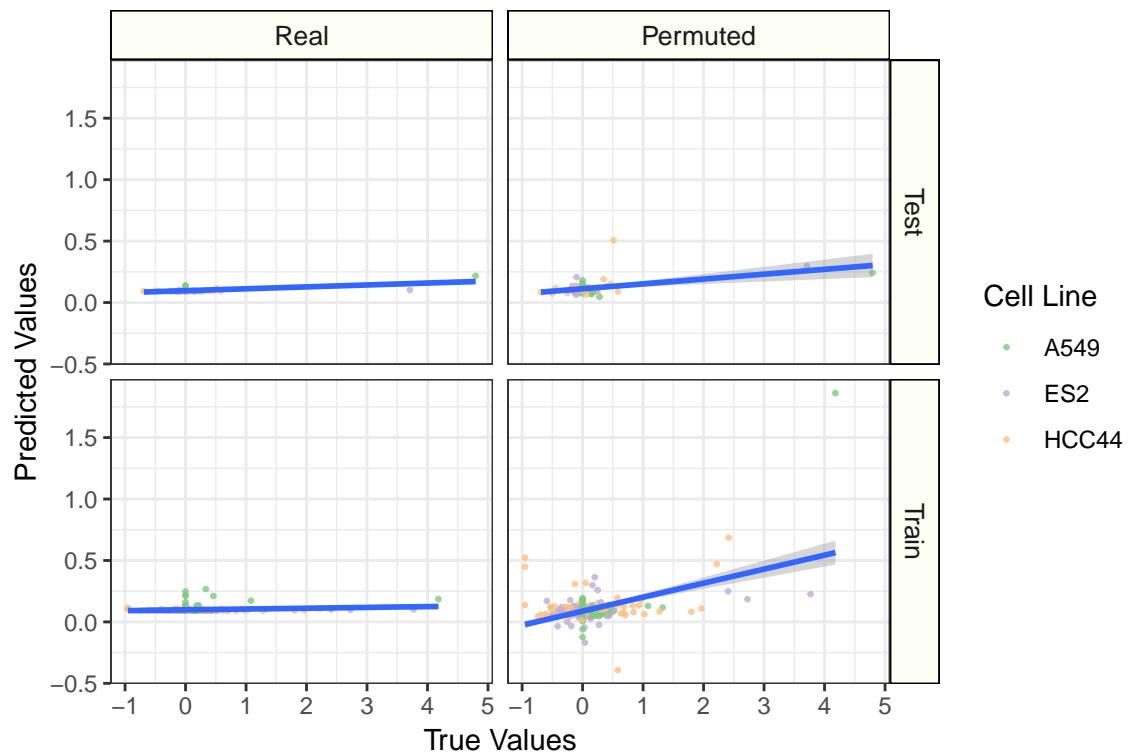


fit	shuffle	transform	r2	value
Train	Real	raw	0.78	0.14
Test	Real	raw	0.34	0.33
Train	Shuffle	raw	0.76	0.15
Test	Shuffle	raw	0.15	0.42

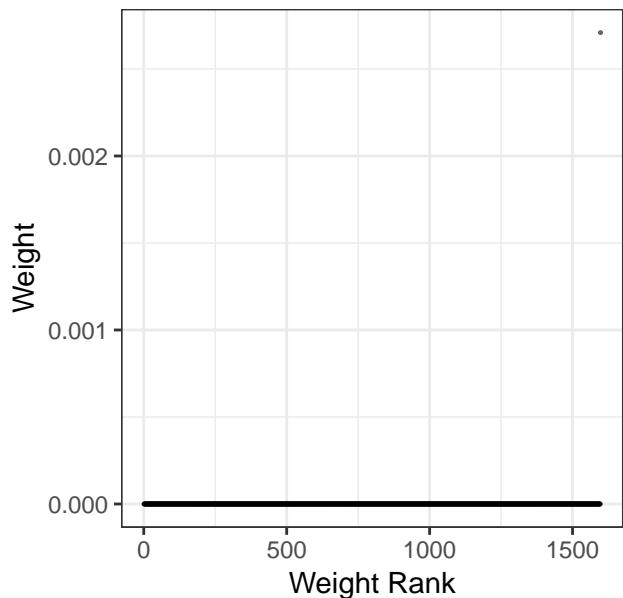


Performance: vb_percent_all_early_apoptosis

Transform: raw

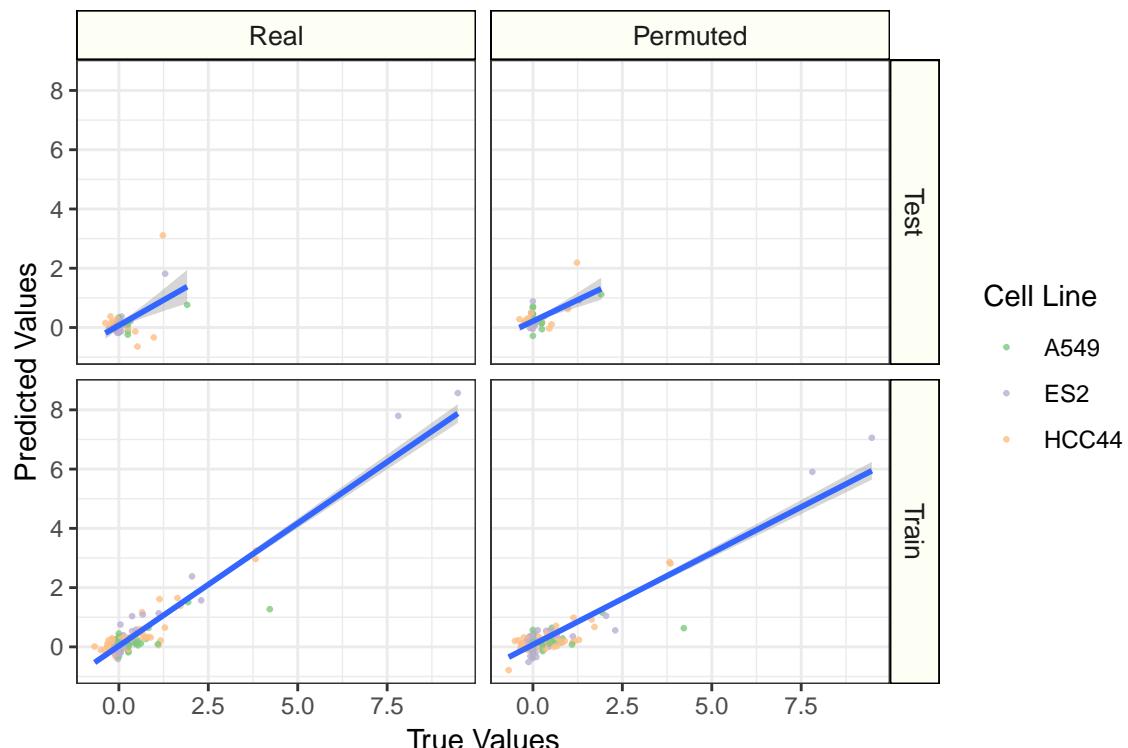


fit	shuffle	transform	r2	value
Train	Real	raw	0.01	0.29
Test	Real	raw	0.03	0.69
Train	Shuffle	raw	0.17	0.24
Test	Shuffle	raw	0.07	0.66

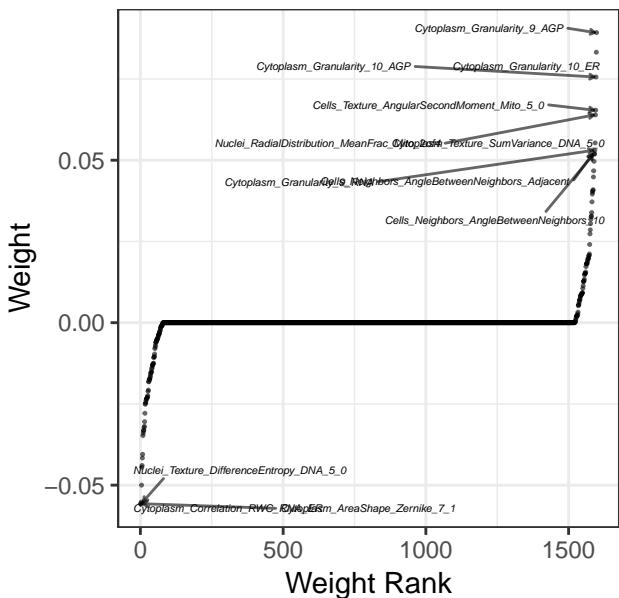


Performance: vb_percent_all_late_apoptosis

Transform: raw

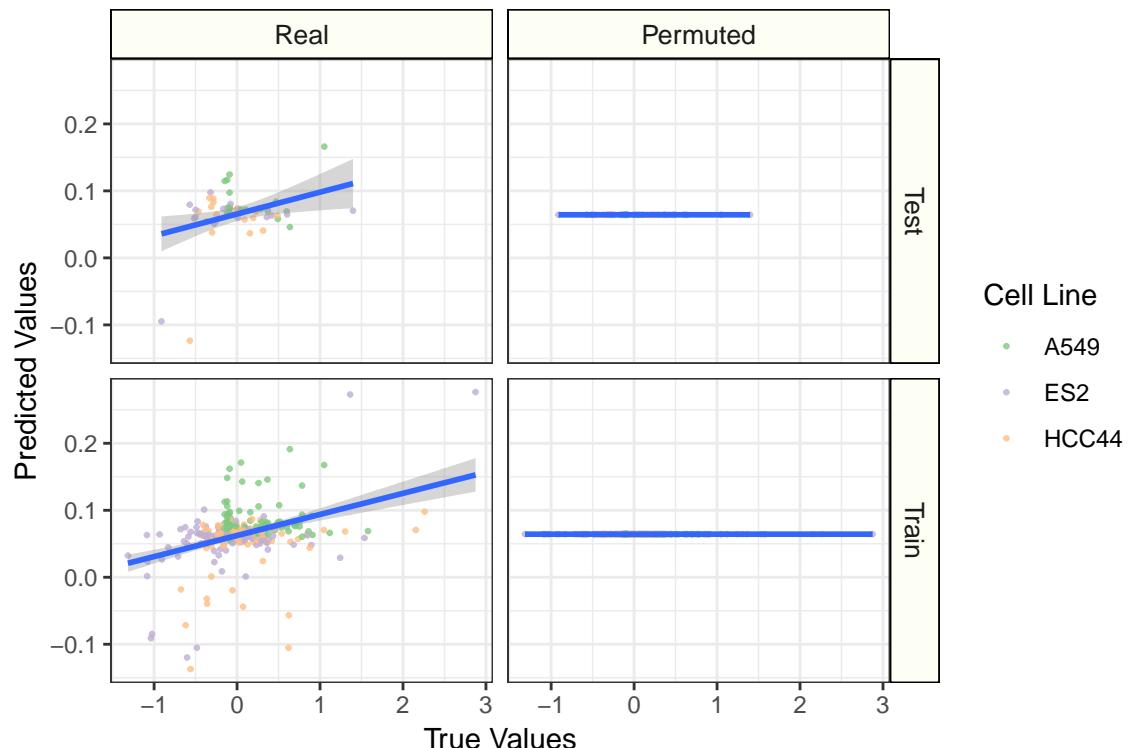


fit	shuffle	transform	r2	value
Train	Real	raw	0.88	0.09
Test	Real	raw	-0.33	0.21
Train	Shuffle	raw	0.77	0.17
Test	Shuffle	raw	0.12	0.14

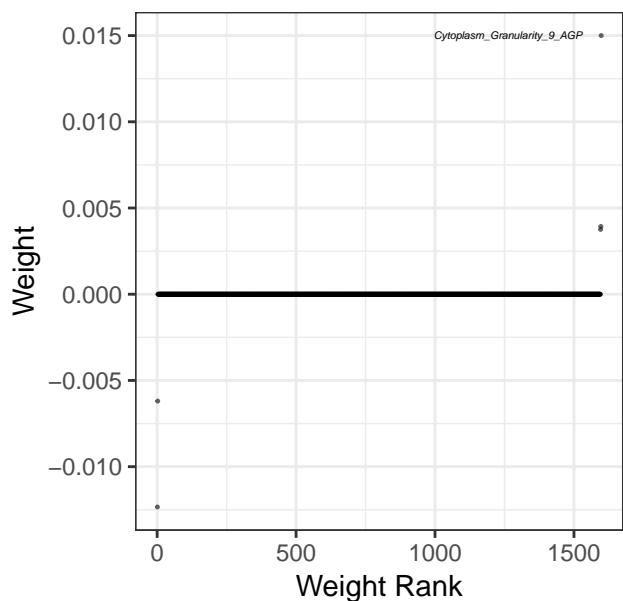


Performance: vb_percent_caspase_dead_only

Transform: raw

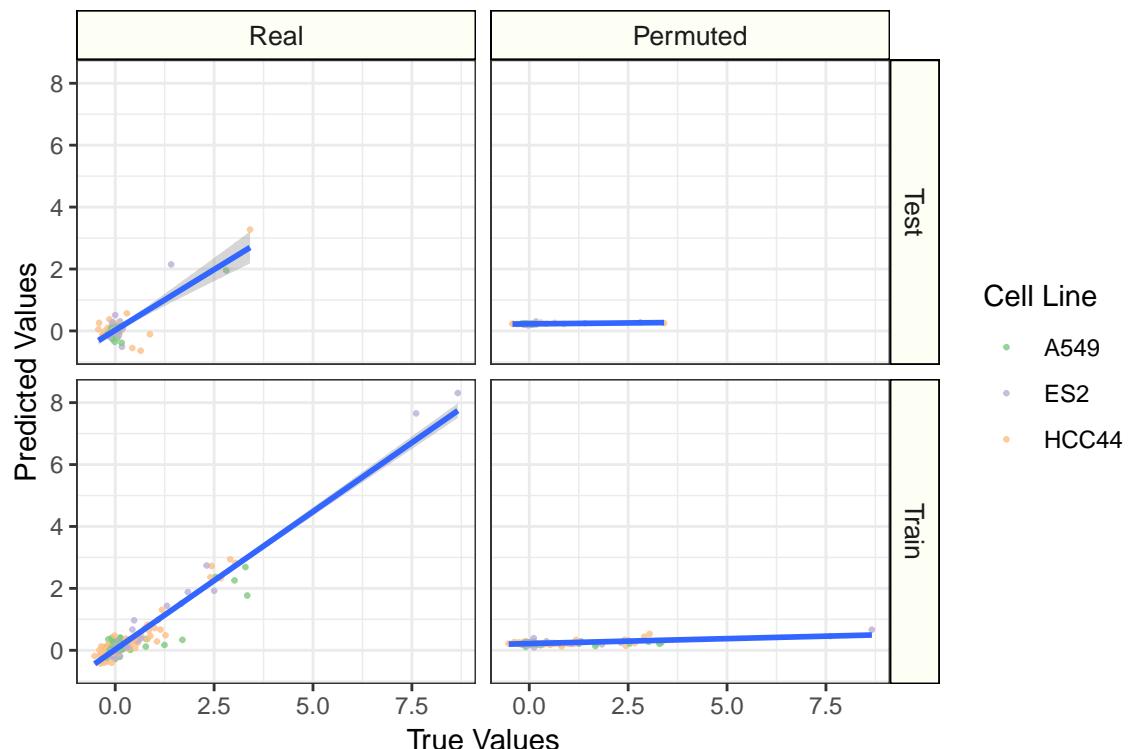


fit	shuffle	transform	r2	value
Train	Real	raw	0.06	0.22
Test	Real	raw	0.04	0.17
Train	Shuffle	raw	0.00	0.24
Test	Shuffle	raw	-0.01	0.18

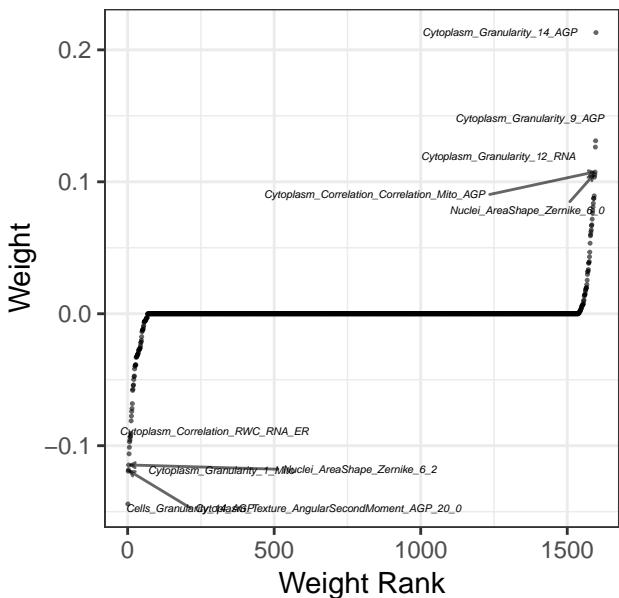


Performance: vb_percent_dead

Transform: raw

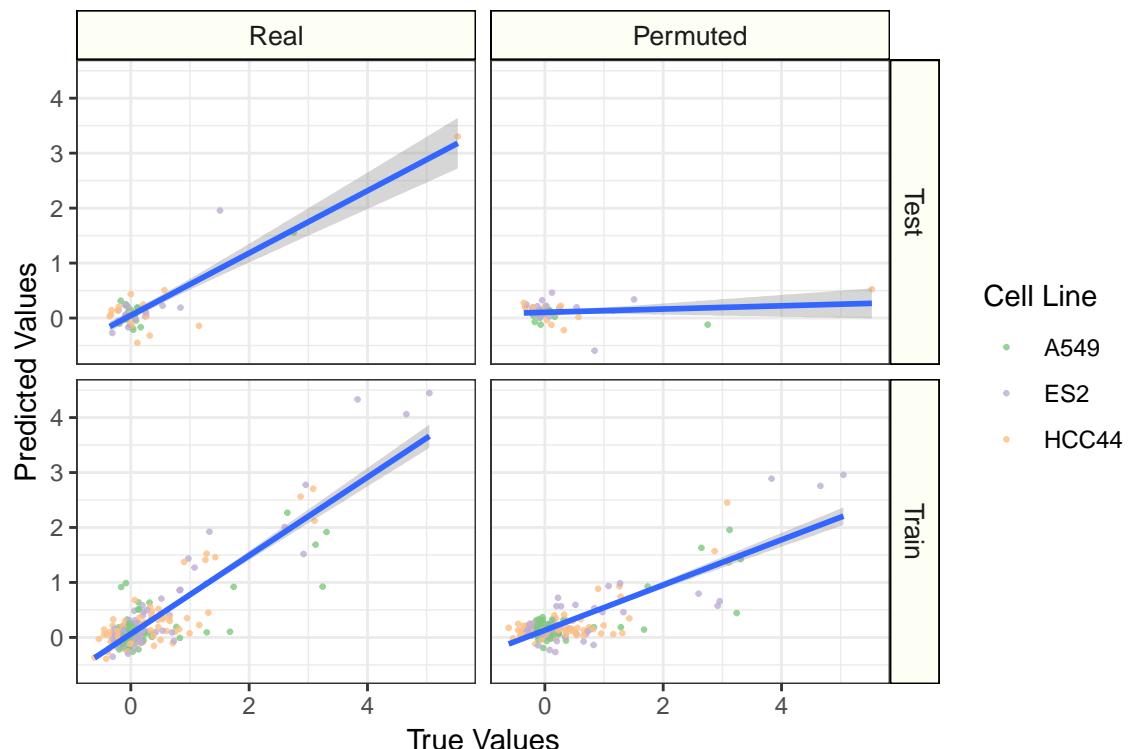


fit	shuffle	transform	r2	value
Train	Real	raw	0.93	0.06
Test	Real	raw	0.64	0.15
Train	Shuffle	raw	0.06	0.74
Test	Shuffle	raw	0.01	0.41

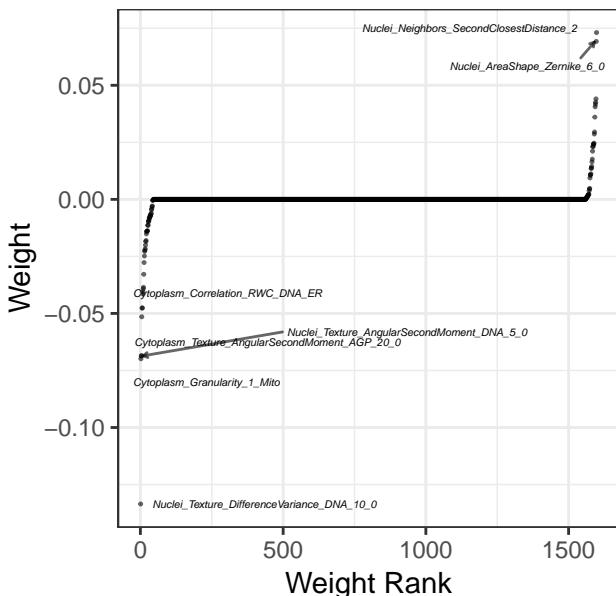


Performance: vb_percent_dead_only

Transform: raw

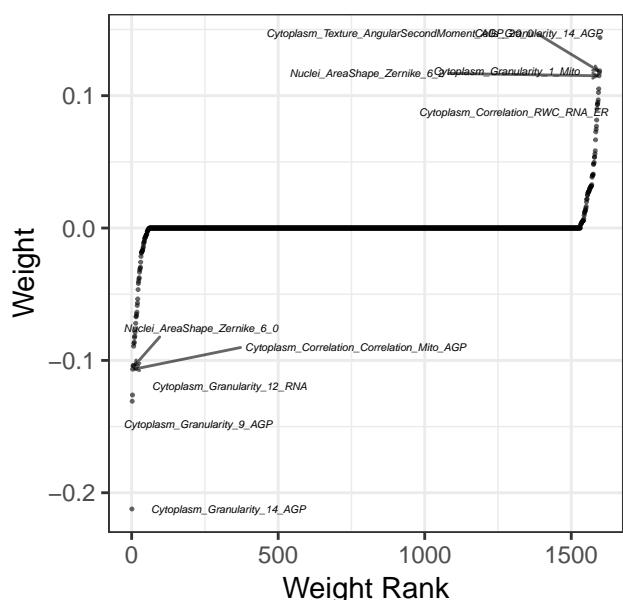
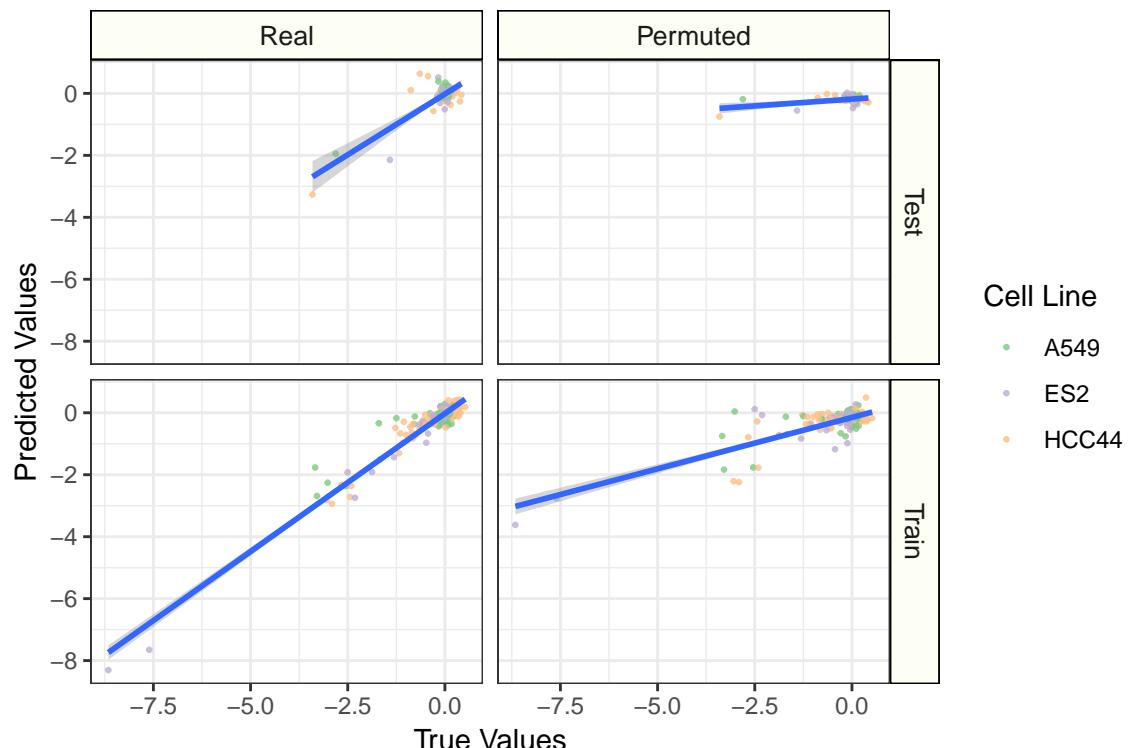


fit	shuffle	transform	r2	value
Train	Real	raw	0.77	0.13
Test	Real	raw	0.72	0.22
Train	Shuffle	raw	0.57	0.25
Test	Shuffle	raw	0.01	0.76



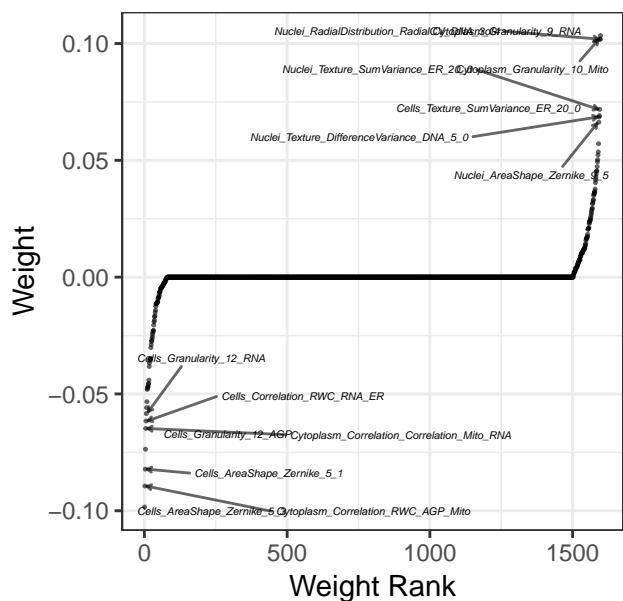
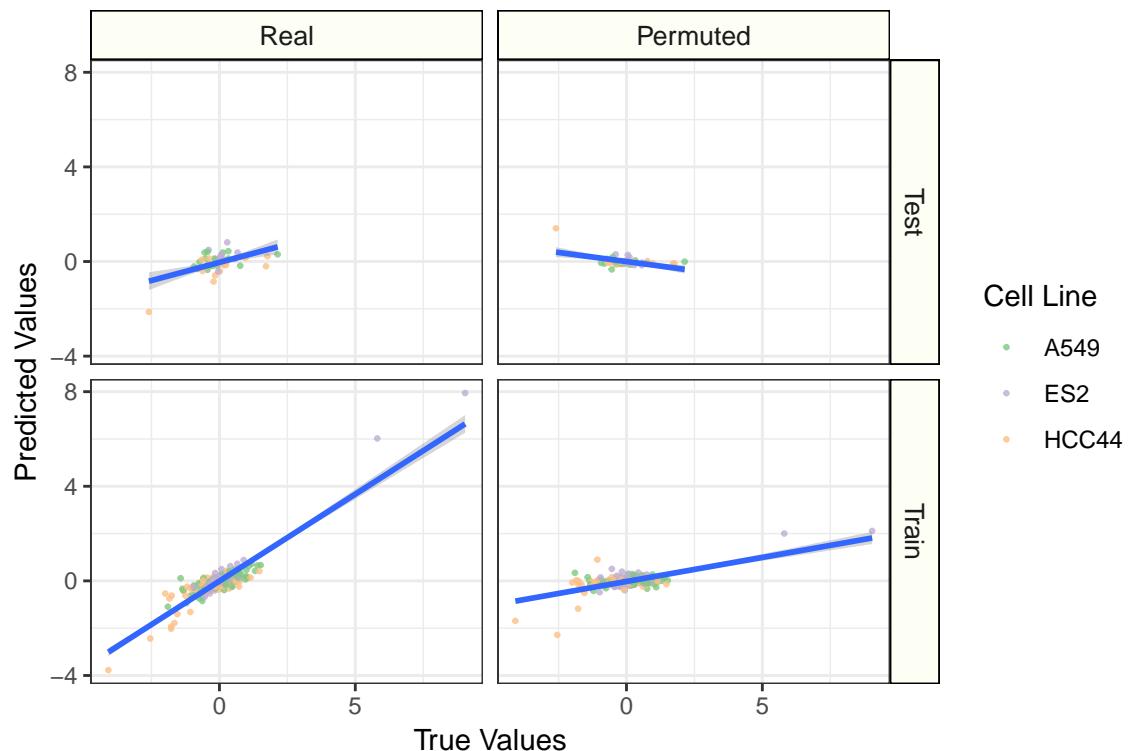
Performance: vb_percent_live

Transform: raw



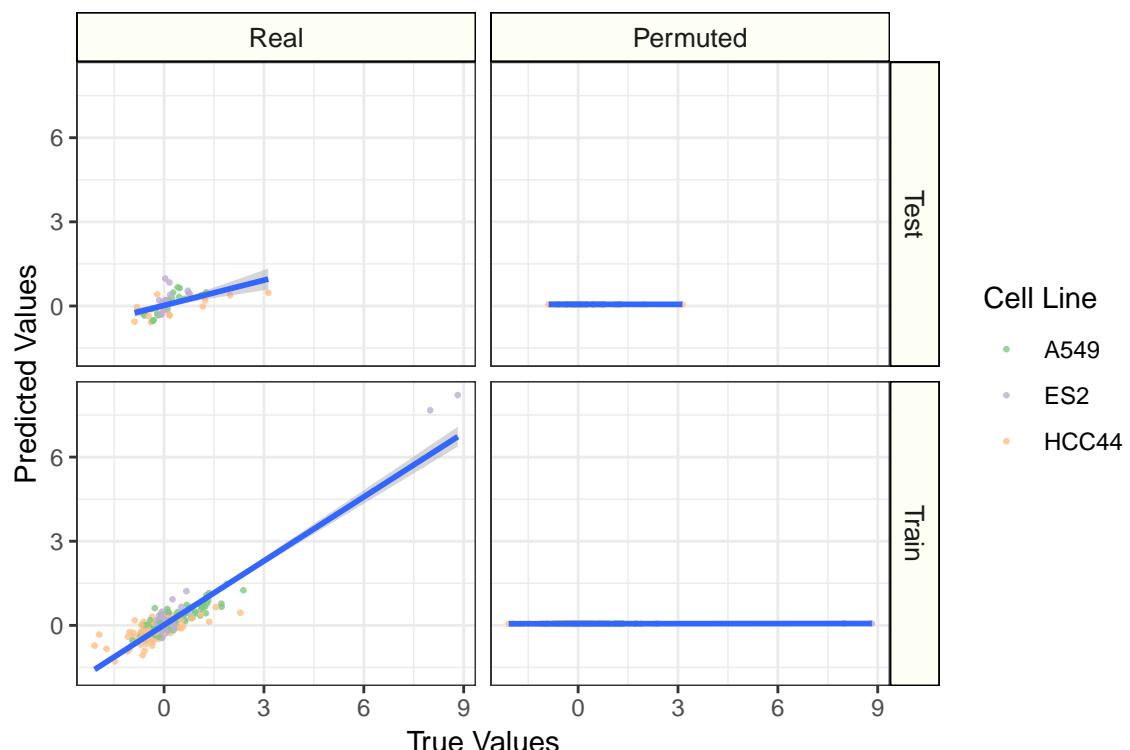
Performance: vb_ros_back_mean

Transform: raw



Performance: vb_ros_mean

Transform: raw



fit	shuffle	transform	r2	value
Train	Real	raw	0.82	0.14
Test	Real	raw	0.31	0.36
Train	Shuffle	raw	0.00	0.82
Test	Shuffle	raw	-0.02	0.52

