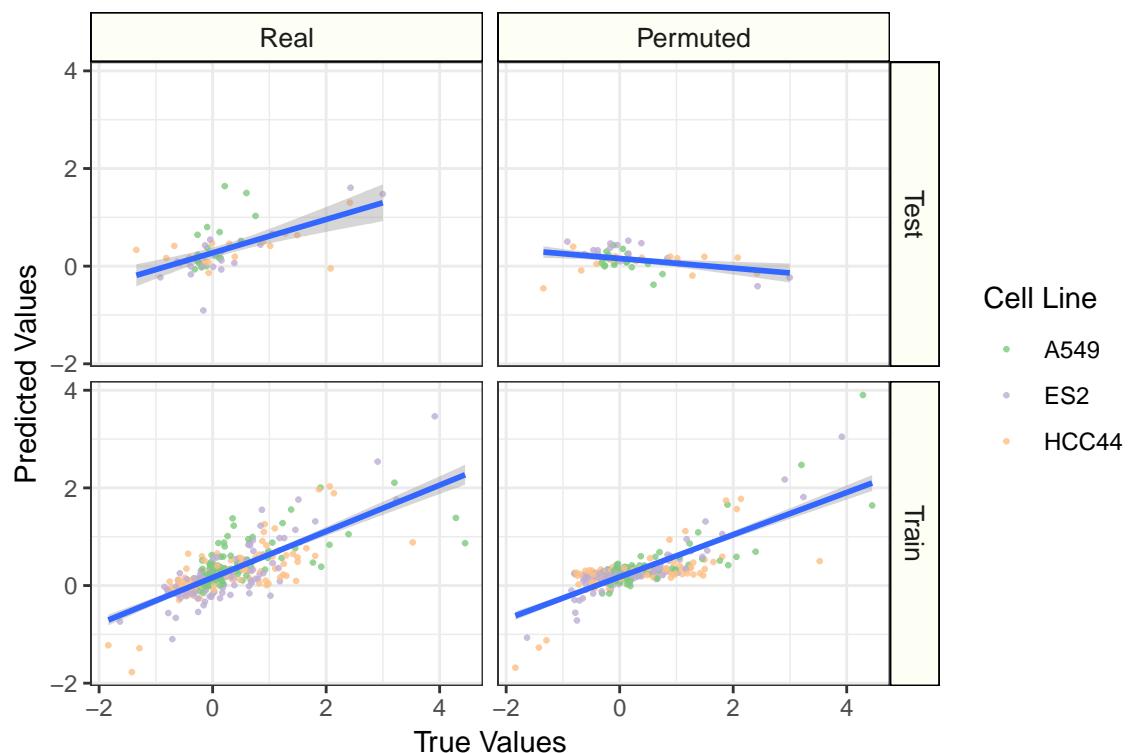
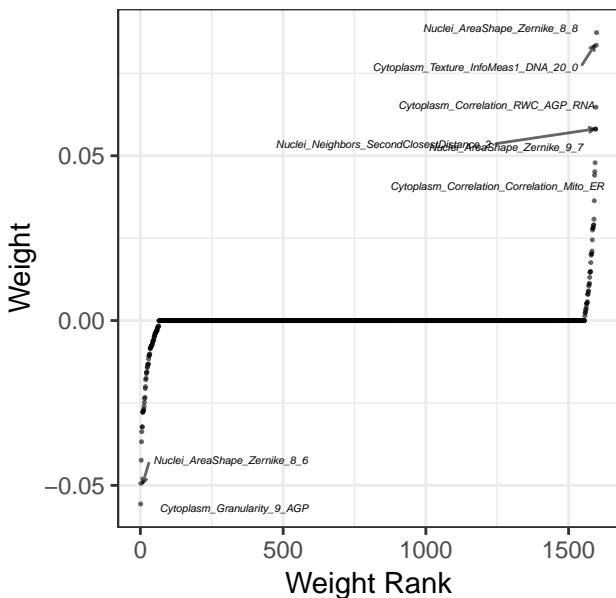


Performance: cc_all_high_n_spots_h2ax_mean

Transform: raw

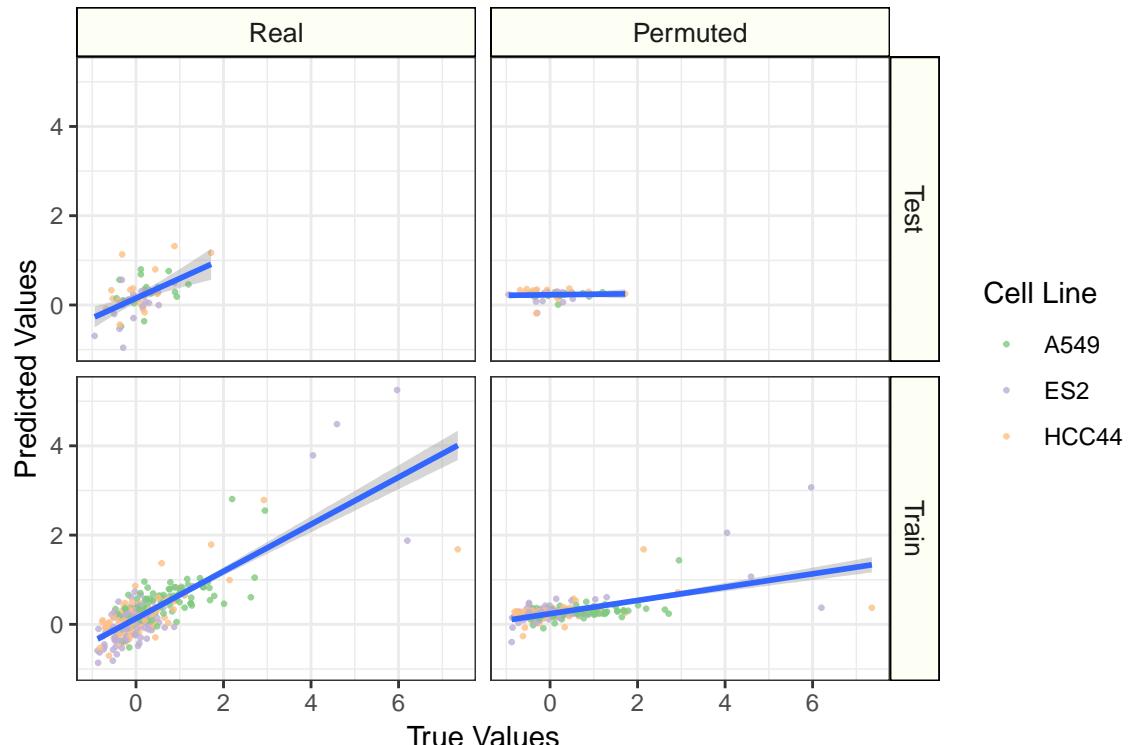


fit	shuffle	transform	r2	value
Train	Real	raw	0.54	0.32
Test	Real	raw	0.33	0.47
Train	Shuffle	raw	0.56	0.31
Test	Shuffle	raw	-0.27	0.89

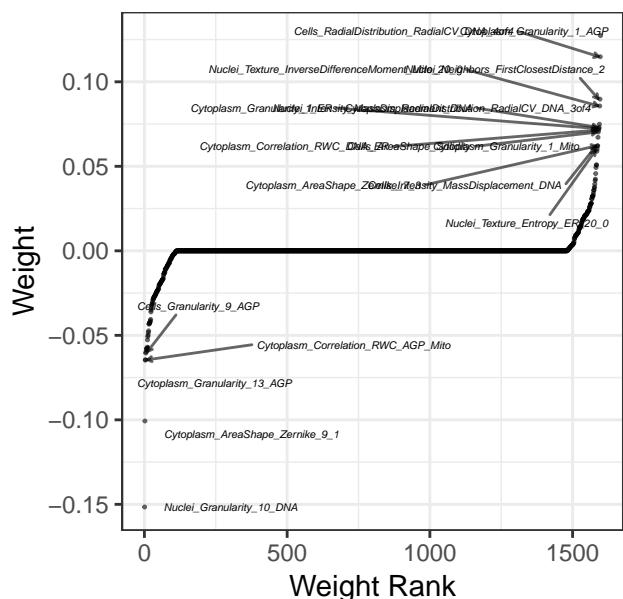


Performance: cc_all_large_notround_polinuclear_mean

Transform: raw

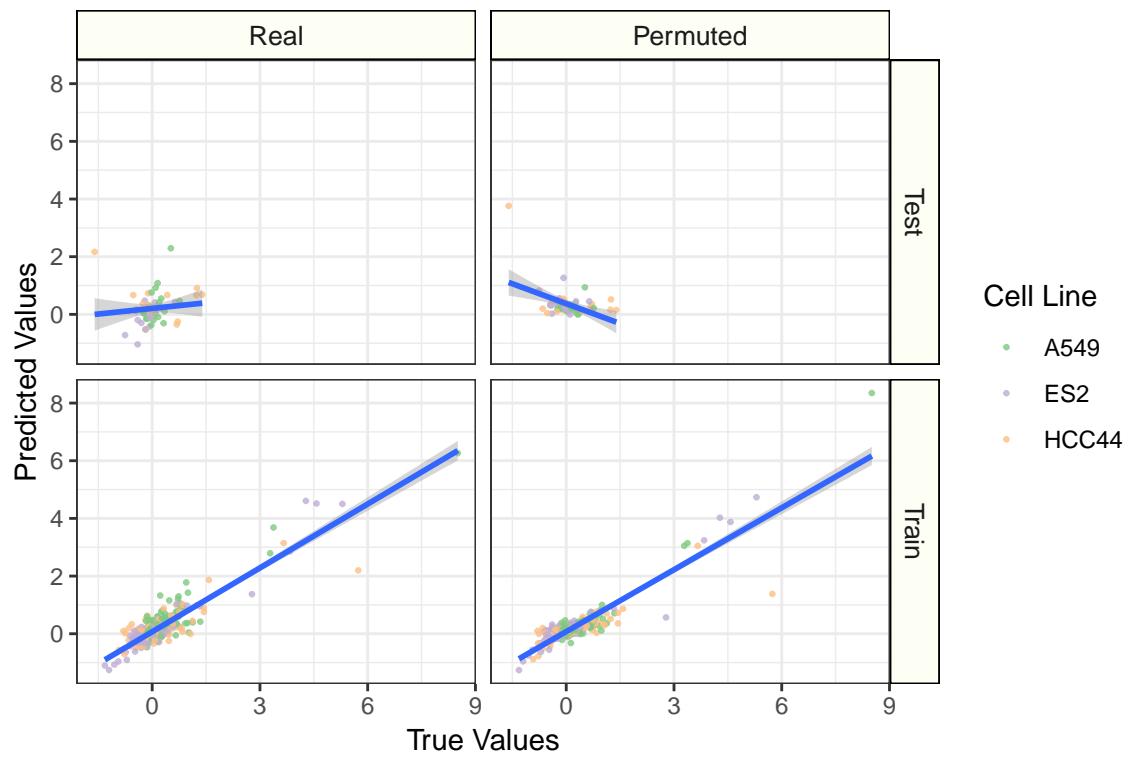


fit	shuffle	transform	r2	value
Train	Real	raw	0.61	0.36
Test	Real	raw	0.11	0.22
Train	Shuffle	raw	0.23	0.71
Test	Shuffle	raw	-0.10	0.28

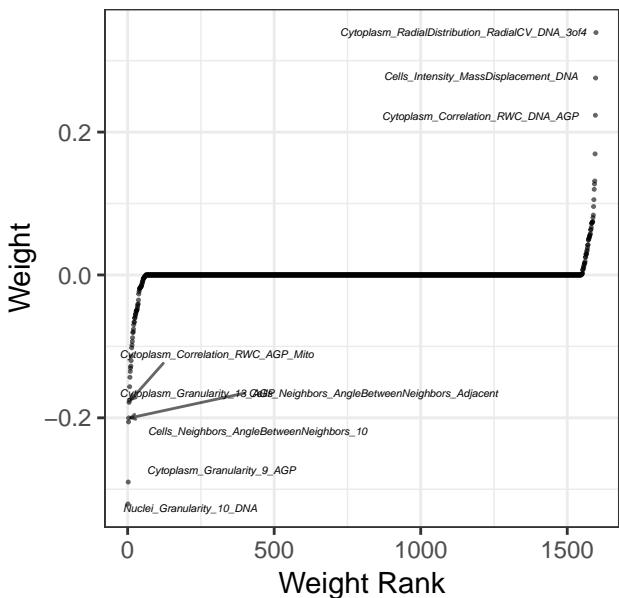


Performance: cc_all_large_round_polyplloid_mean

Transform: raw

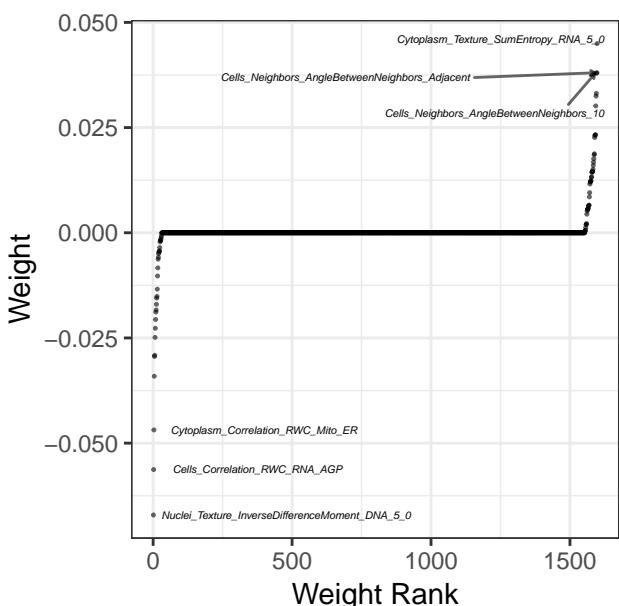
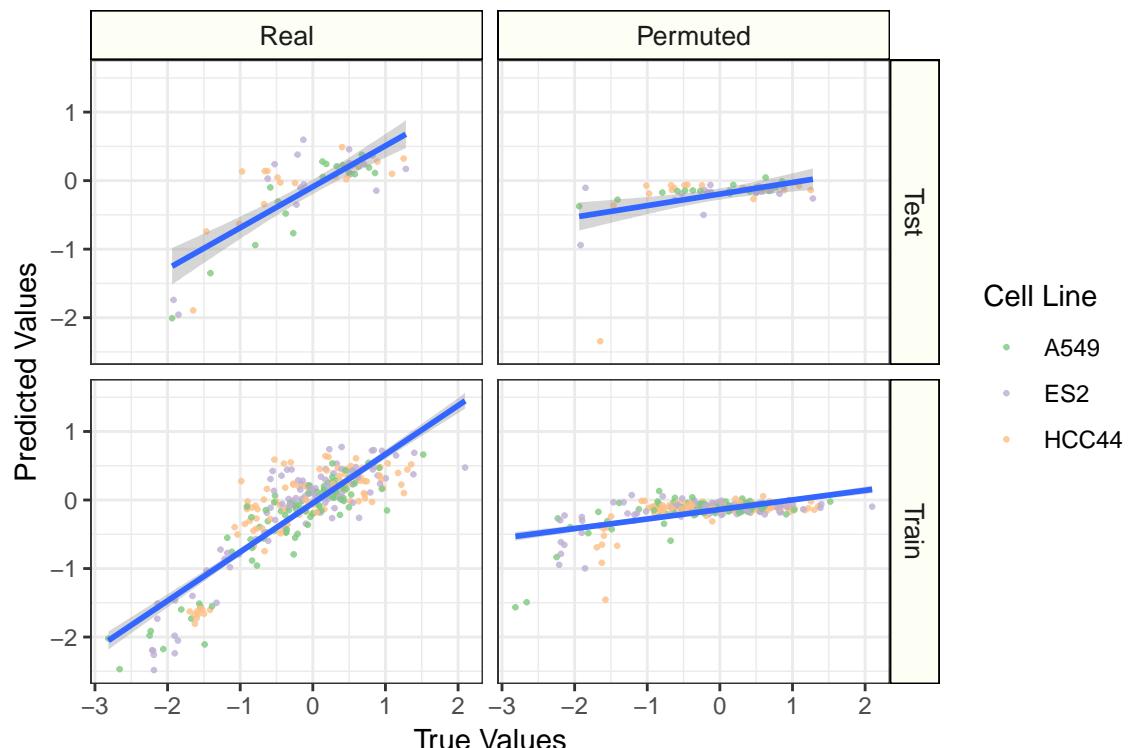


fit	shuffle	transform	r2	value
Train	Real	raw	0.80	0.18
Test	Real	raw	-1.27	0.54
Train	Shuffle	raw	0.81	0.18
Test	Shuffle	raw	-2.46	0.83



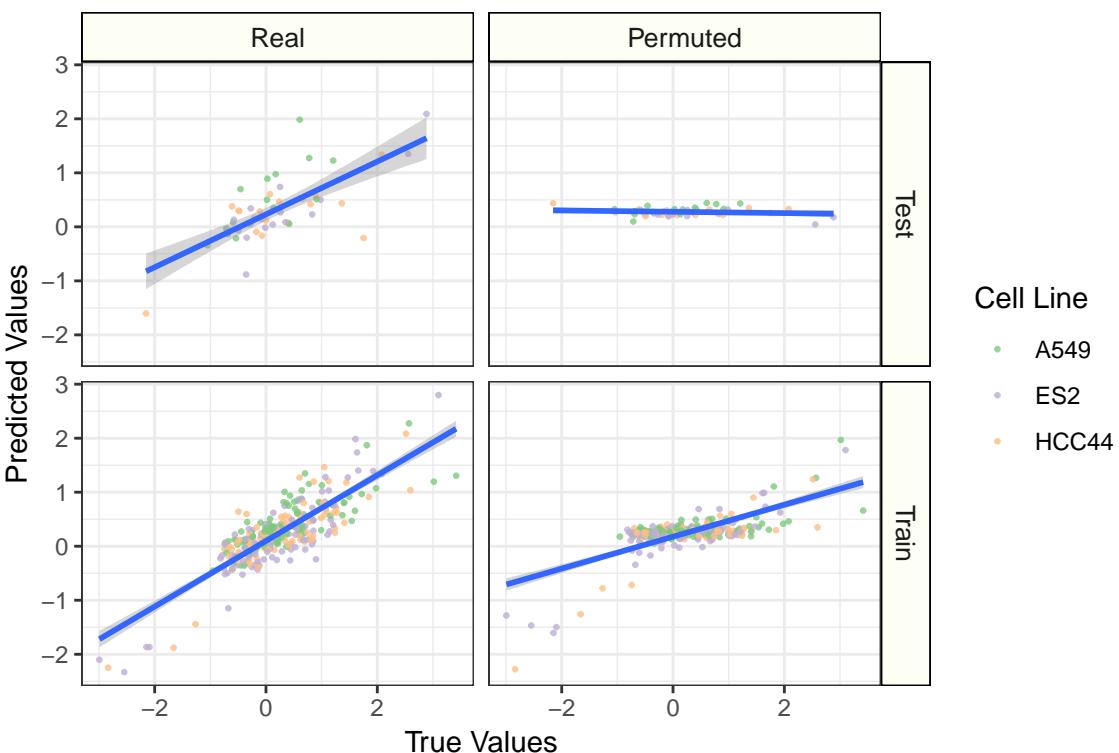
Performance: cc_all_n_objects

Transform: raw

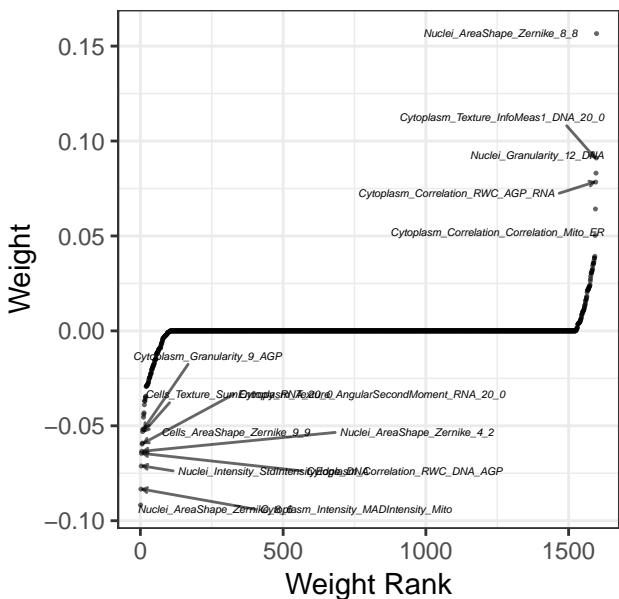


Performance: cc_all_n_spots_mean

Transform: raw

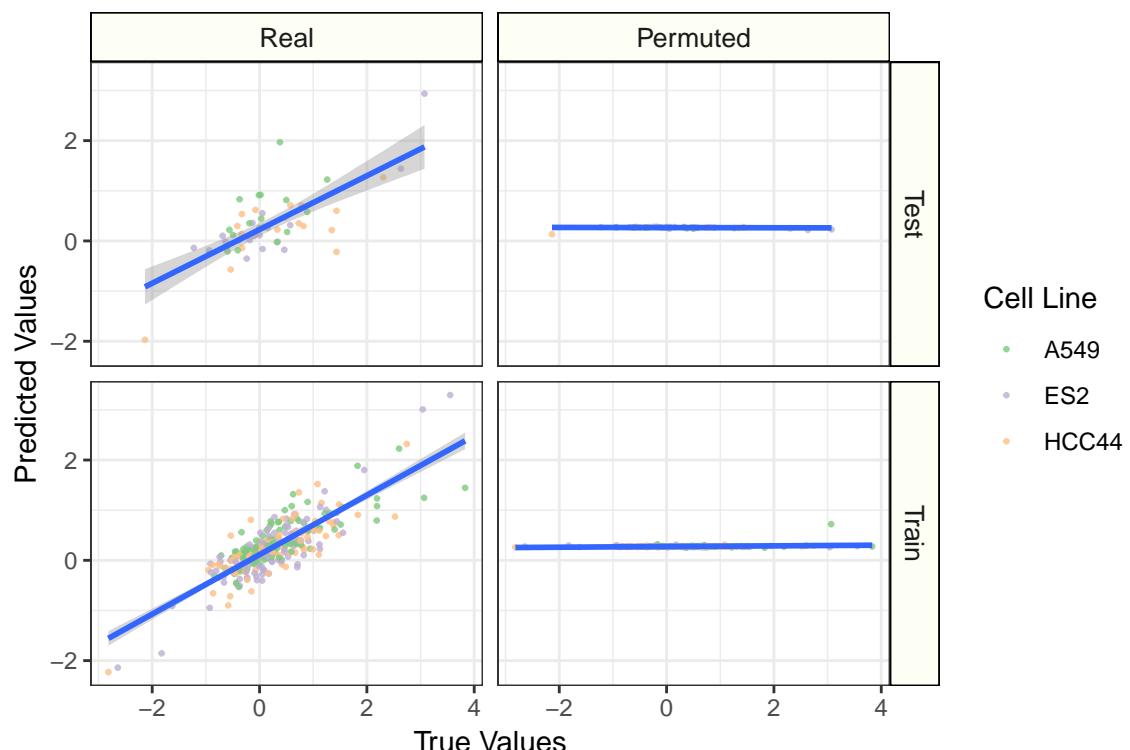


fit	shuffle	transform	r2	value
Train	Real	raw	0.68	0.21
Test	Real	raw	0.48	0.41
Train	Shuffle	raw	0.41	0.39
Test	Shuffle	raw	-0.05	0.83

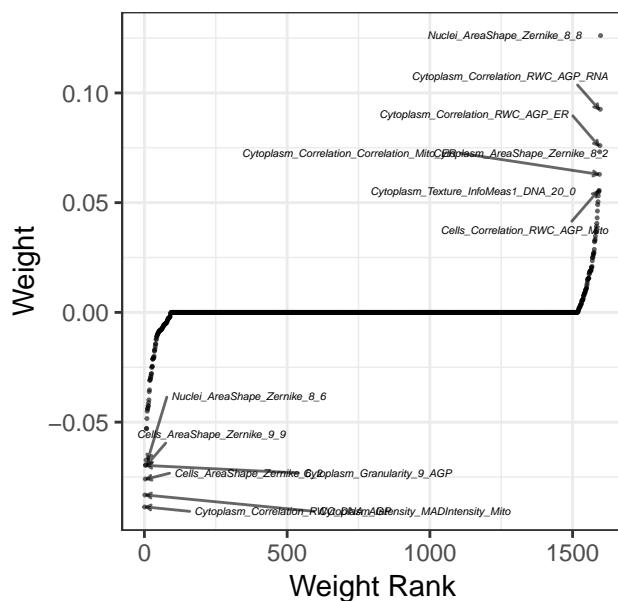


Performance: cc_all_n_spots_per_nucleus_area_mean

Transform: raw

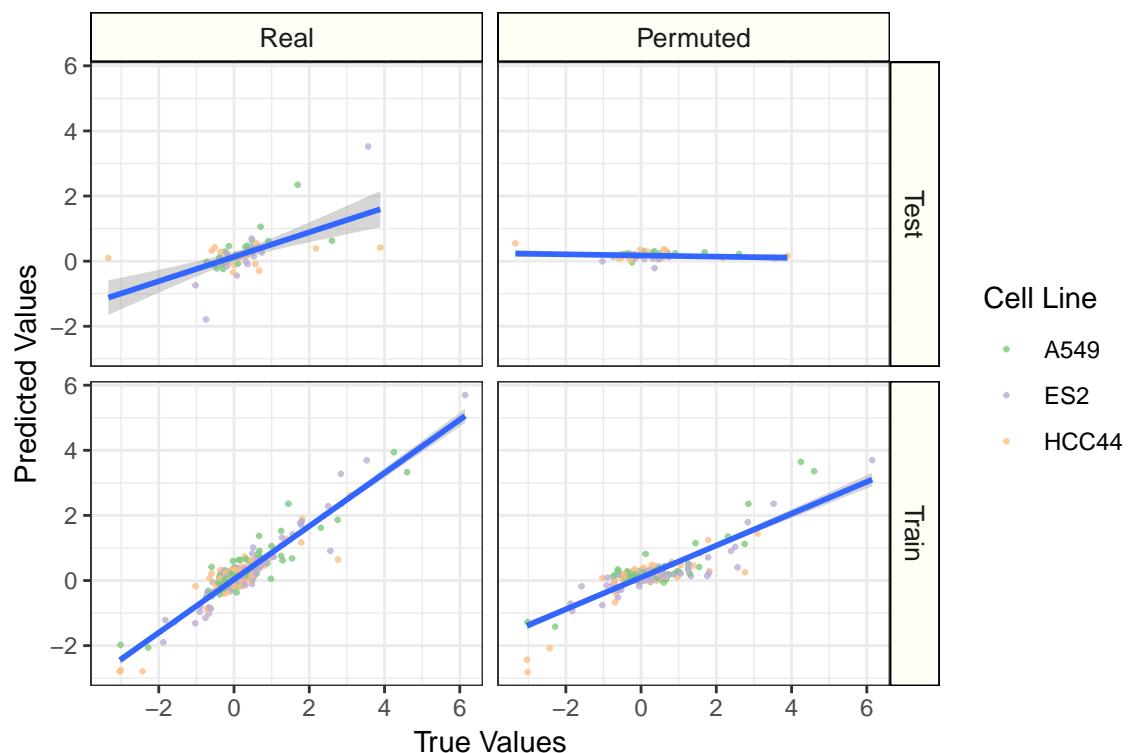


fit	shuffle	transform	r2	value
Train	Real	raw	0.67	0.21
Test	Real	raw	0.49	0.41
Train	Shuffle	raw	0.01	0.63
Test	Shuffle	raw	-0.02	0.83

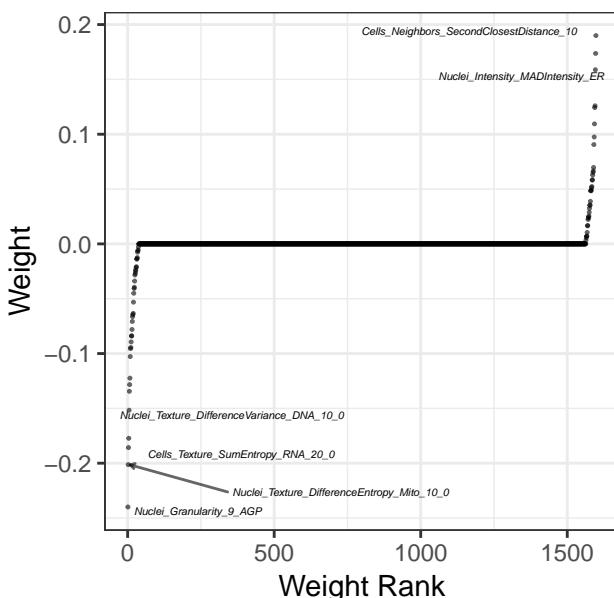


Performance: cc_all_nucleus_area_mean

Transform: raw

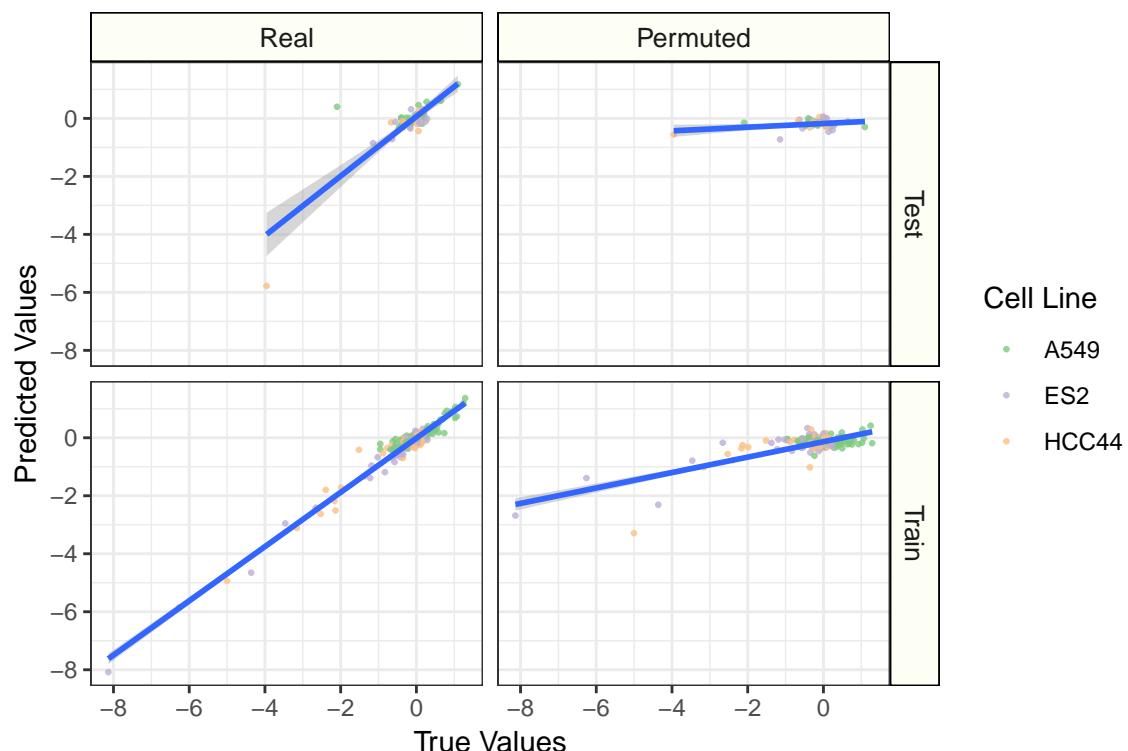


fit	shuffle	transform	r2	value
Train	Real	raw	0.87	0.12
Test	Real	raw	0.34	0.75
Train	Shuffle	raw	0.65	0.31
Test	Shuffle	raw	-0.05	1.18

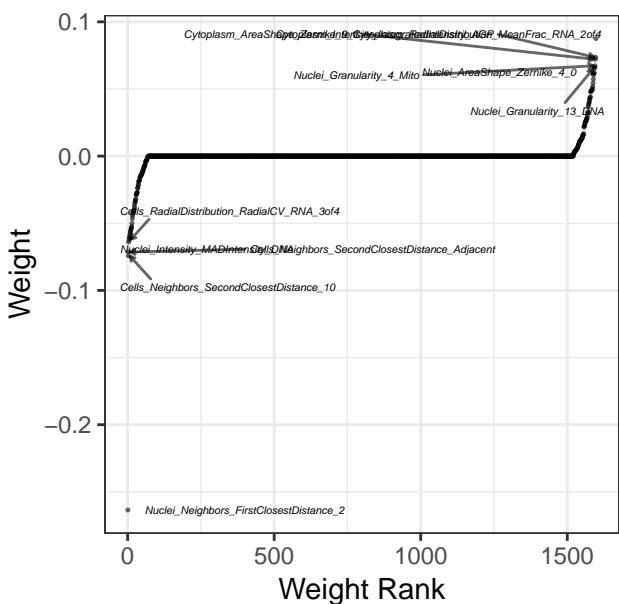


Performance: cc_all_nucleus_roundness_mean

Transform: raw

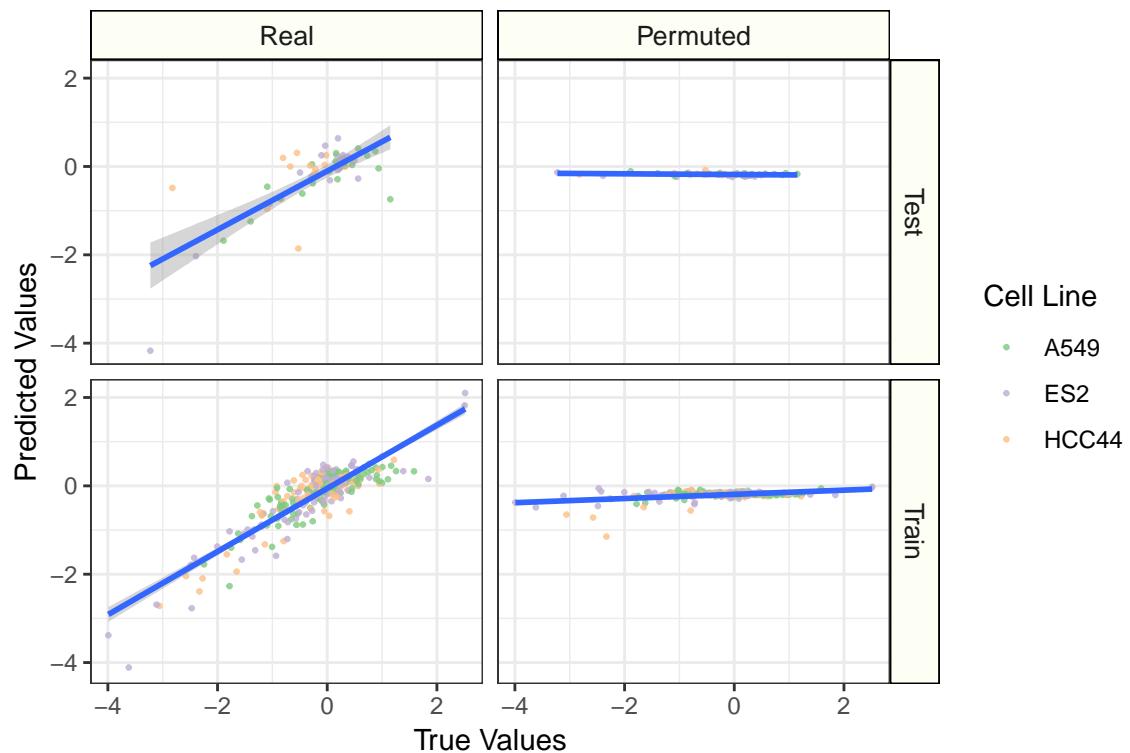


fit	shuffle	transform	r2	value
Train	Real	raw	0.95	0.03
Test	Real	raw	0.50	0.23
Train	Shuffle	raw	0.41	0.45
Test	Shuffle	raw	0.08	0.41

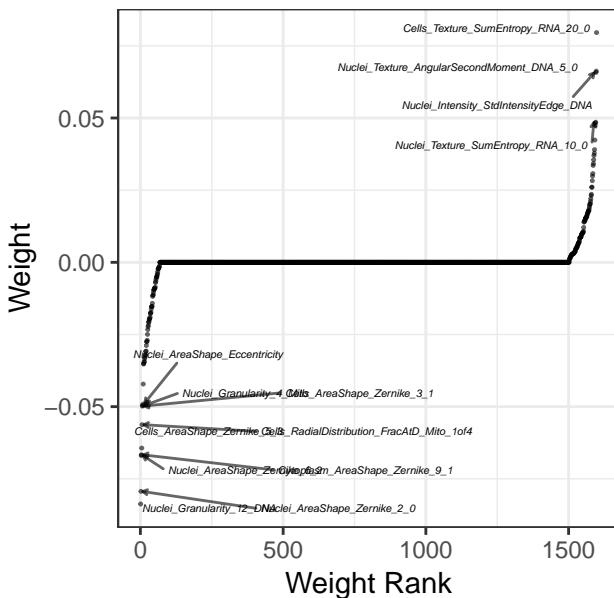


Performance: cc_cc_edu_pos_mean

Transform: raw

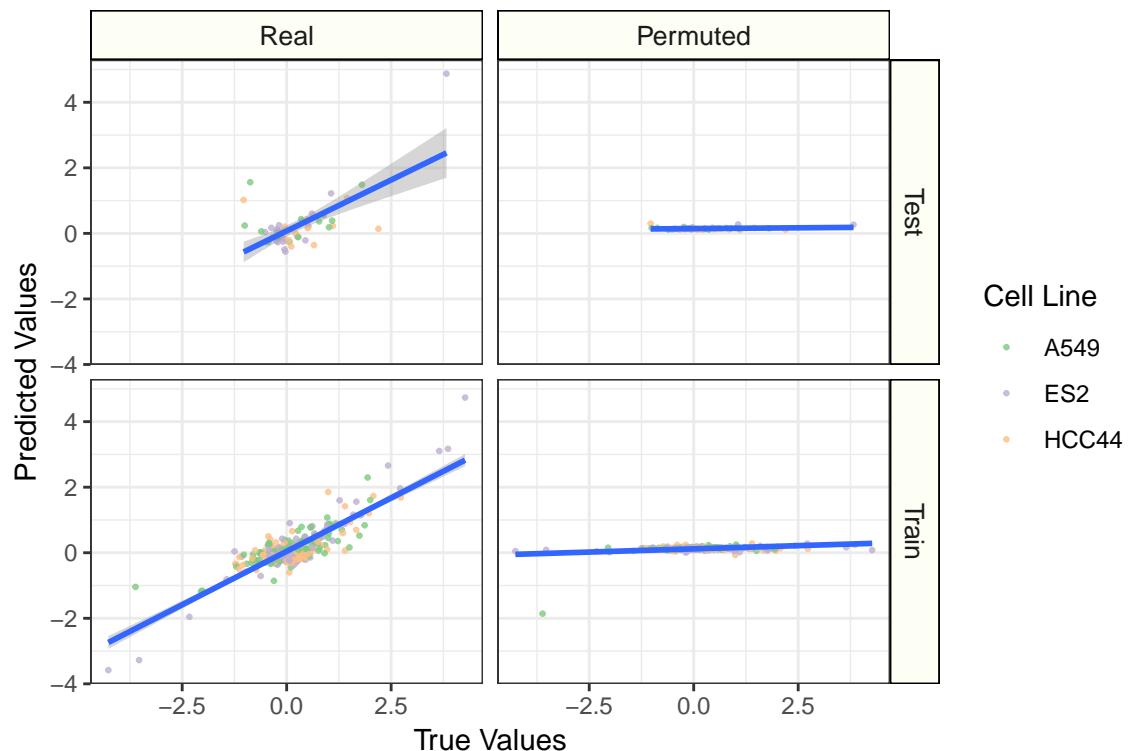


fit	shuffle	transform	r2	value
Train	Real	raw	0.77	0.16
Test	Real	raw	0.52	0.35
Train	Shuffle	raw	0.08	0.63
Test	Shuffle	raw	-0.02	0.76

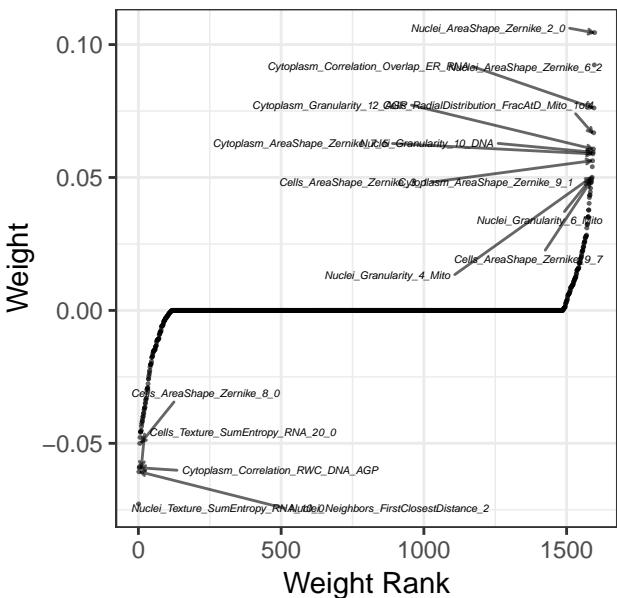


Performance: cc_cc_g1_mean

Transform: raw

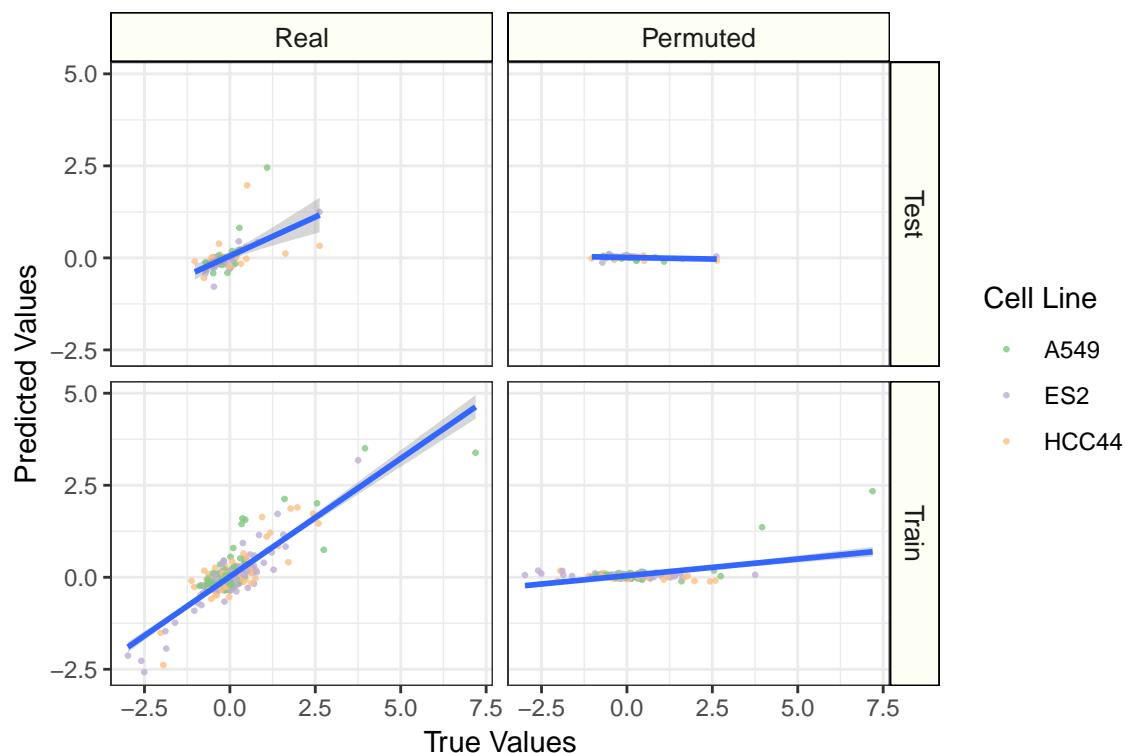


fit	shuffle	transform	r2	value
Train	Real	raw	0.73	0.22
Test	Real	raw	0.30	0.45
Train	Shuffle	raw	0.06	0.76
Test	Shuffle	raw	0.00	0.65

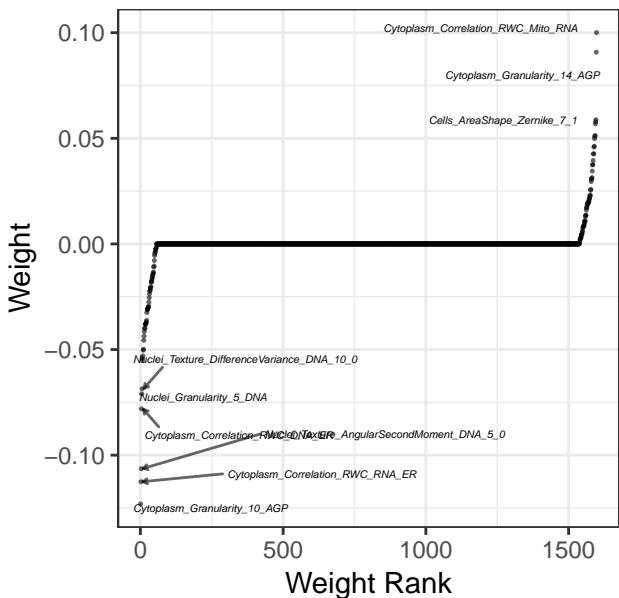


Performance: cc_cc_g2_ph3_neg_mean

Transform: raw

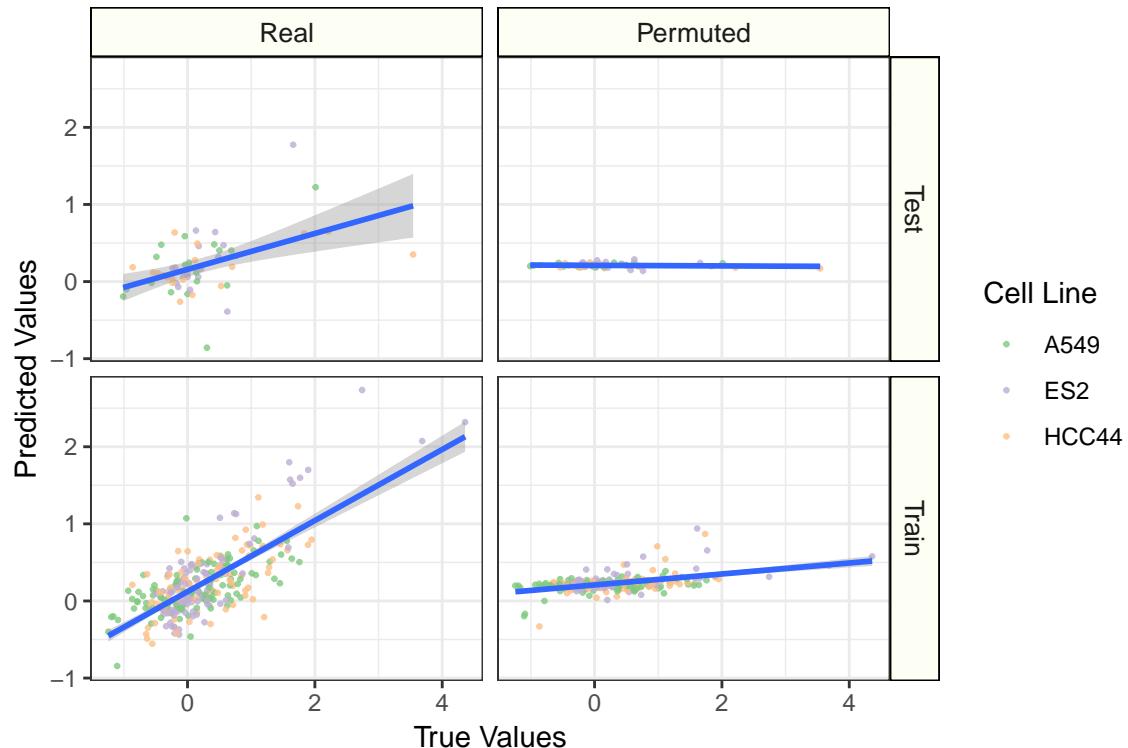


fit	shuffle	transform	r2	value
Train	Real	raw	0.72	0.20
Test	Real	raw	0.27	0.36
Train	Shuffle	raw	0.15	0.62
Test	Shuffle	raw	-0.04	0.51

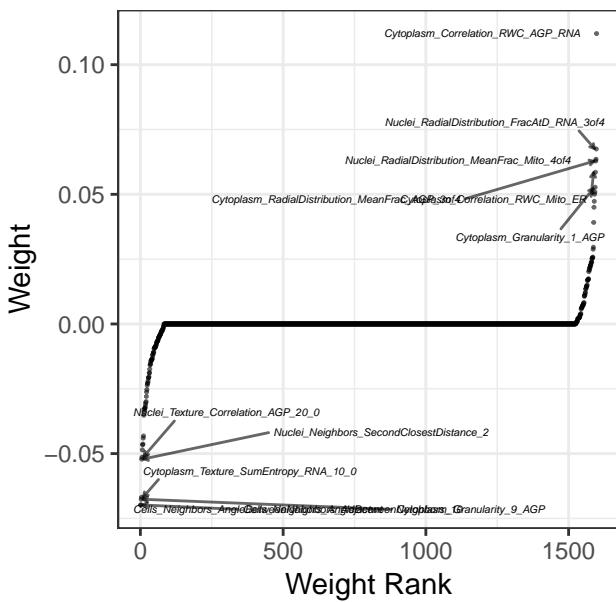


Performance: cc_cc_g2_ph3_pos_early_mitosis_mean

Transform: raw

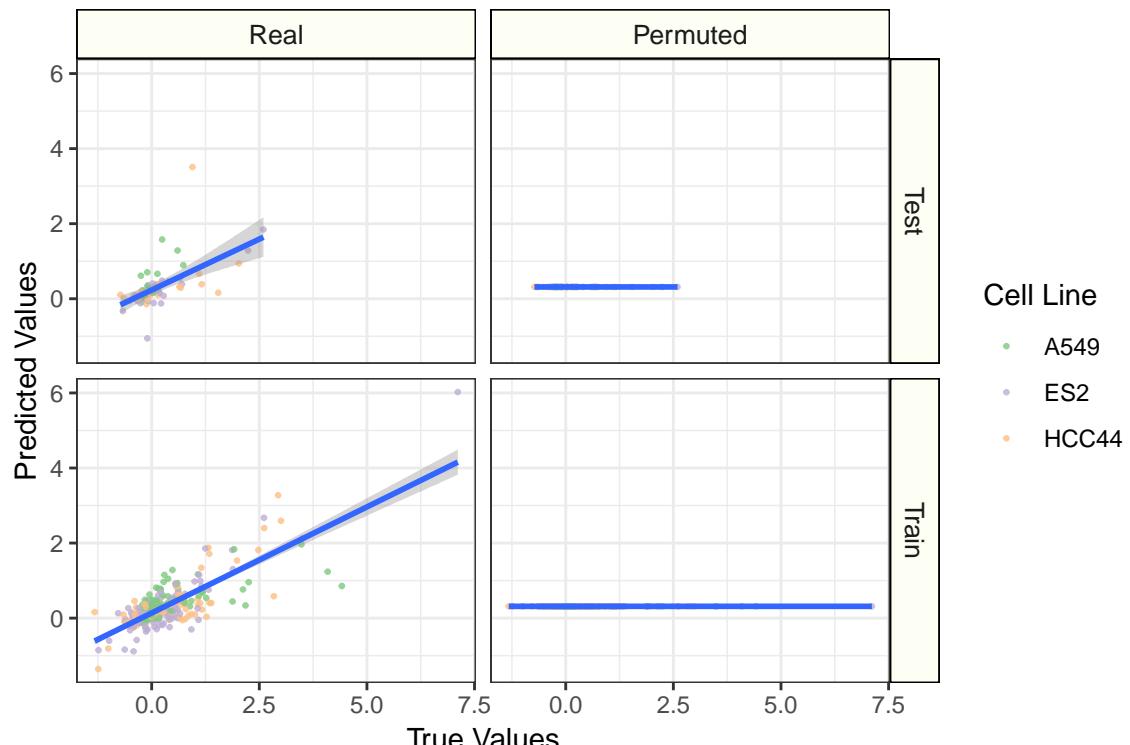


fit	shuffle	transform	r2	value
Train	Real	raw	0.54	0.23
Test	Real	raw	0.22	0.49
Train	Shuffle	raw	0.12	0.44
Test	Shuffle	raw	-0.01	0.63

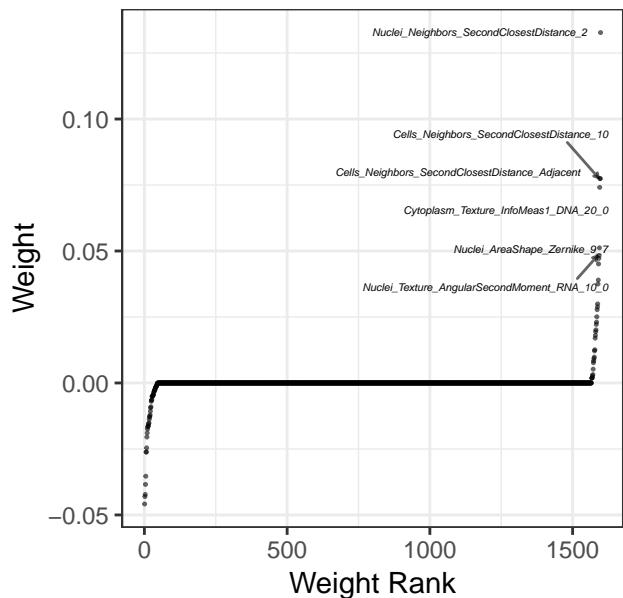


Performance: cc_cc_high_n_spots_h2ax_mean

Transform: raw

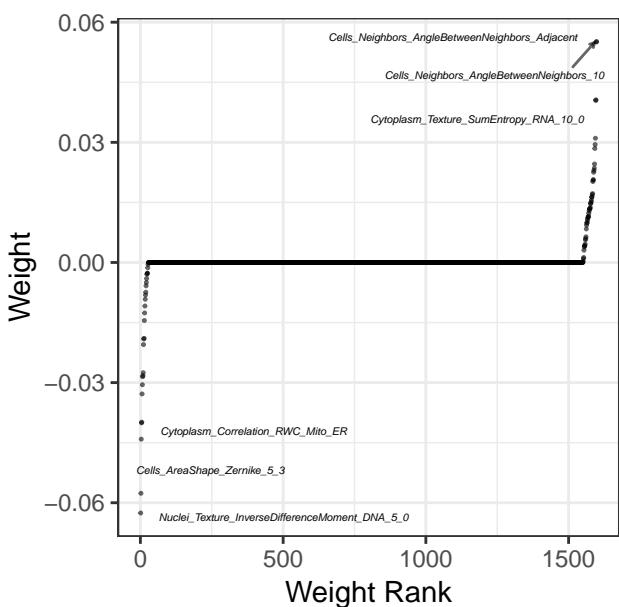
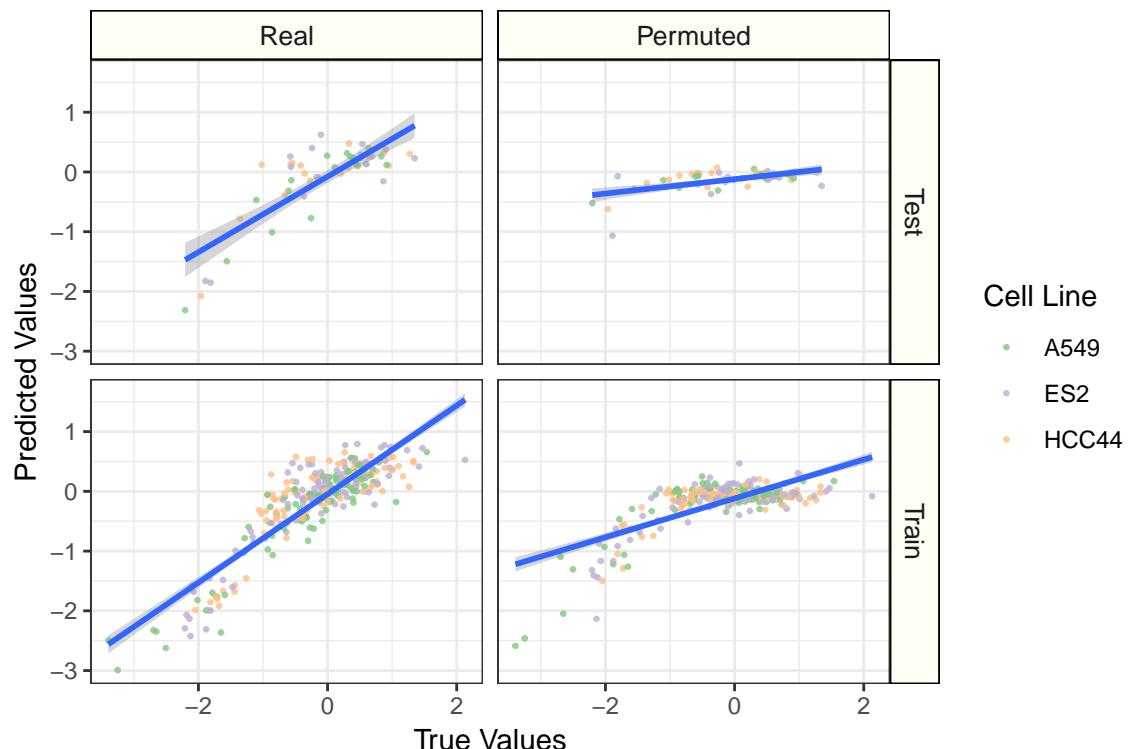


fit	shuffle	transform	r2	value
Train	Real	raw	0.63	0.29
Test	Real	raw	0.18	0.39
Train	Shuffle	raw	0.00	0.78
Test	Shuffle	raw	-0.03	0.49



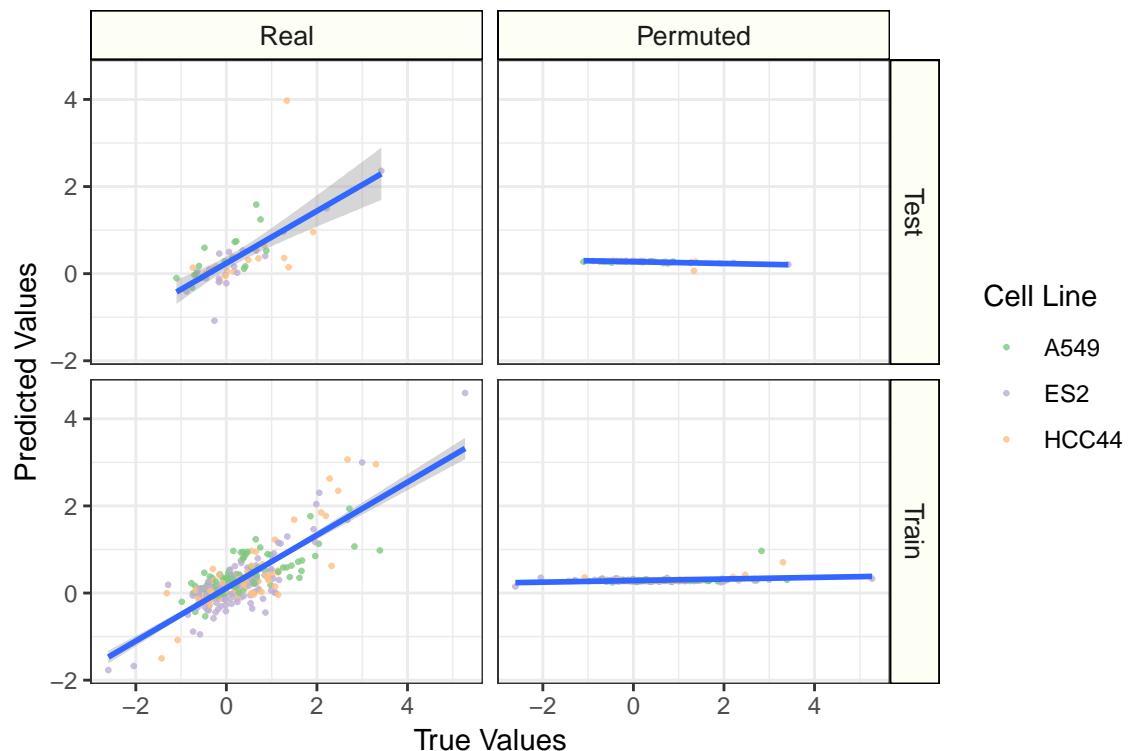
Performance: cc_cc_n_objects

Transform: raw

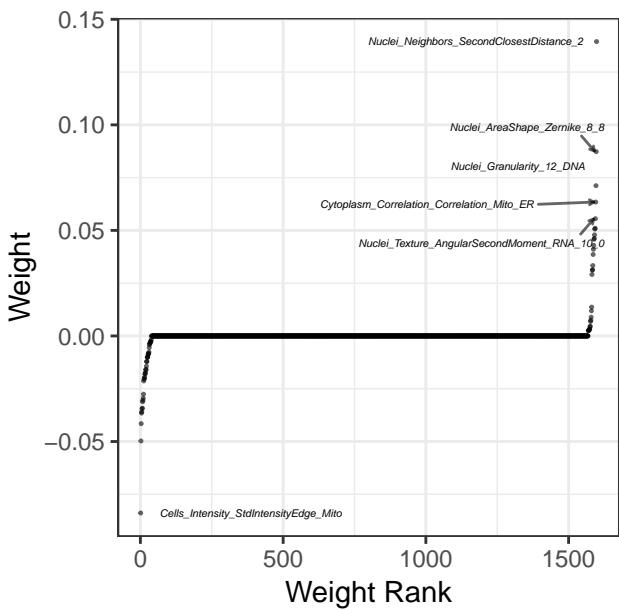


Performance: cc_cc_n_spots_mean

Transform: raw

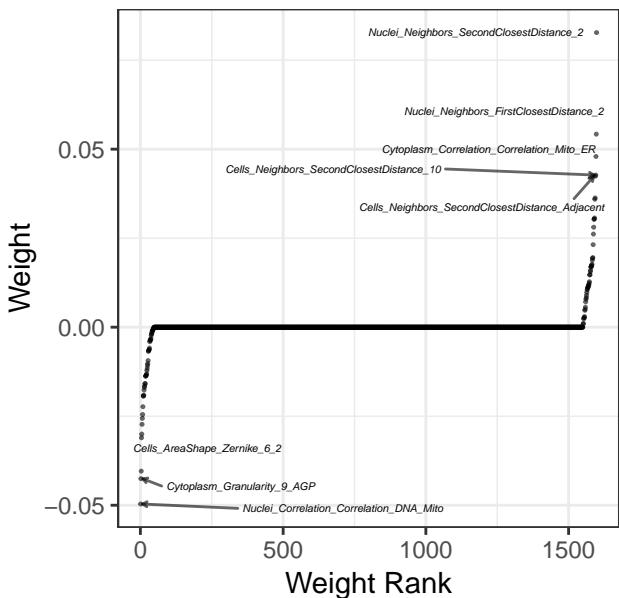
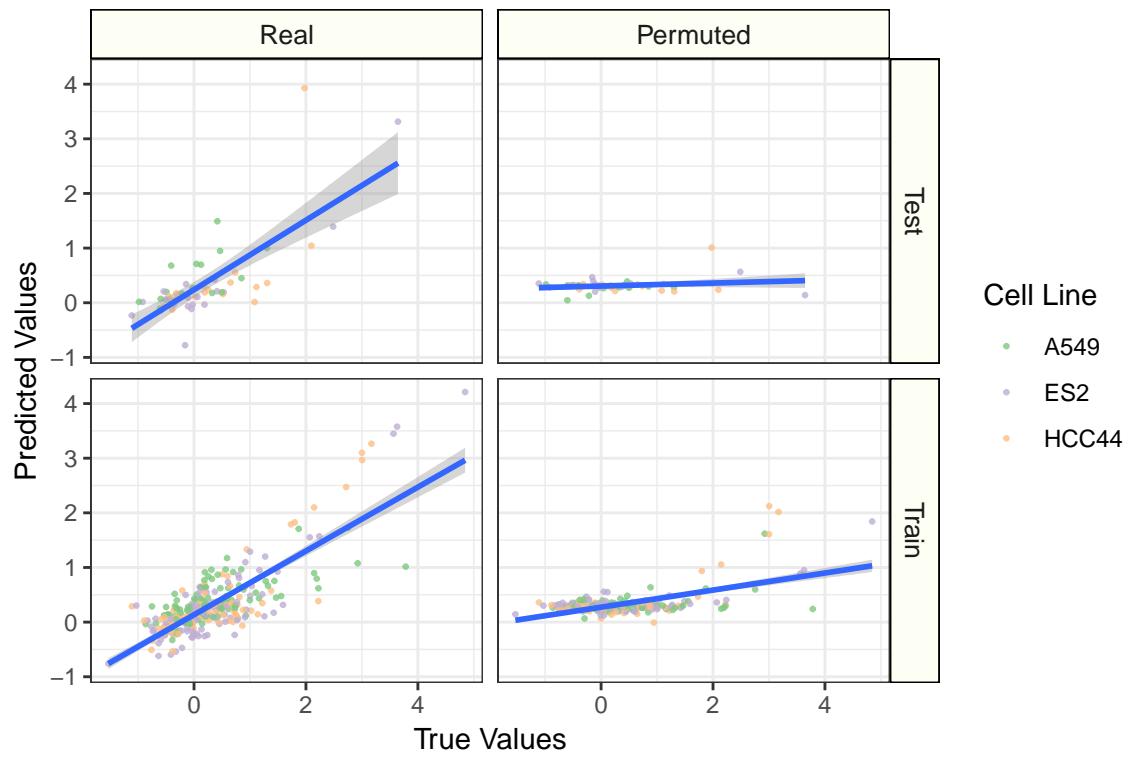


fit	shuffle	transform	r2	value
Train	Real	raw	0.66	0.25
Test	Real	raw	0.38	0.42
Train	Shuffle	raw	0.03	0.73
Test	Shuffle	raw	-0.05	0.72



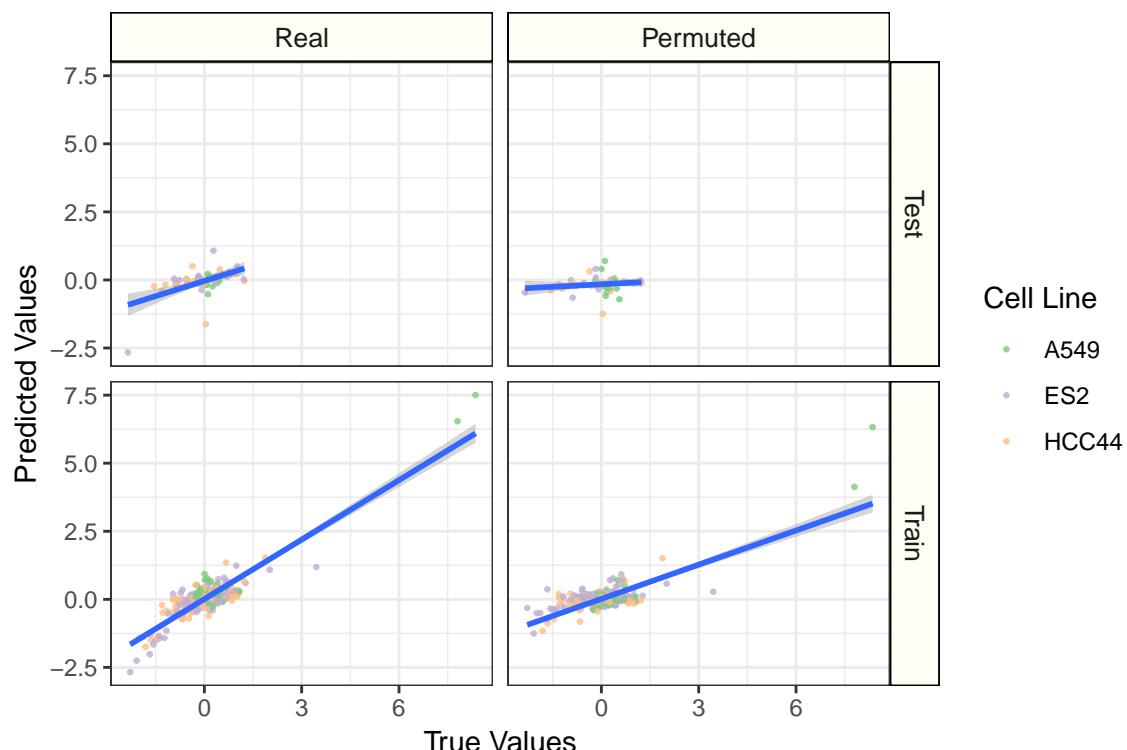
Performance: cc_cc_n_spots_per_nucleus_area_mean

Transform: raw

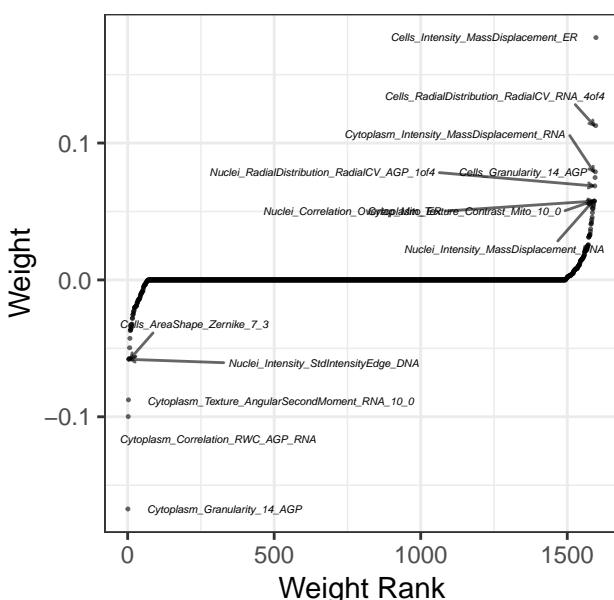


Performance: cc_cc_ph3_neg_hoechst_late_mitosis_mean

Transform: raw

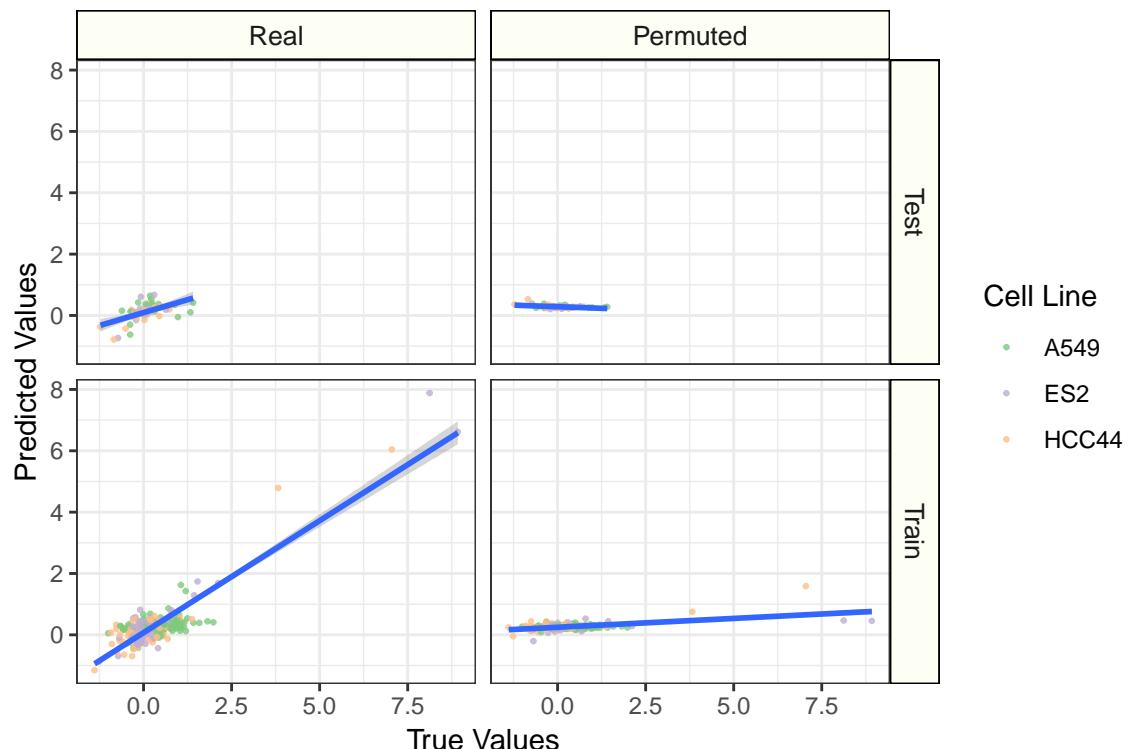


fit	shuffle	transform	r2	value
Train	Real	raw	0.79	0.18
Test	Real	raw	0.23	0.36
Train	Shuffle	raw	0.55	0.39
Test	Shuffle	raw	-0.08	0.50

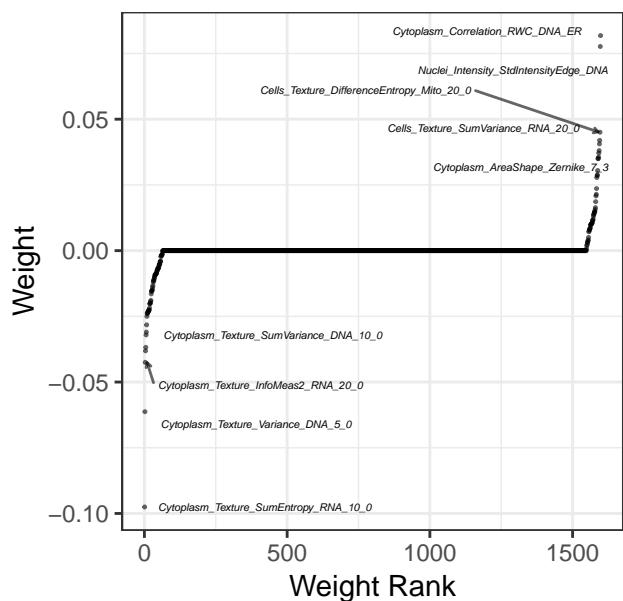


Performance: cc_cc_ph3_pos_hoechst_mitosis_mean

Transform: raw

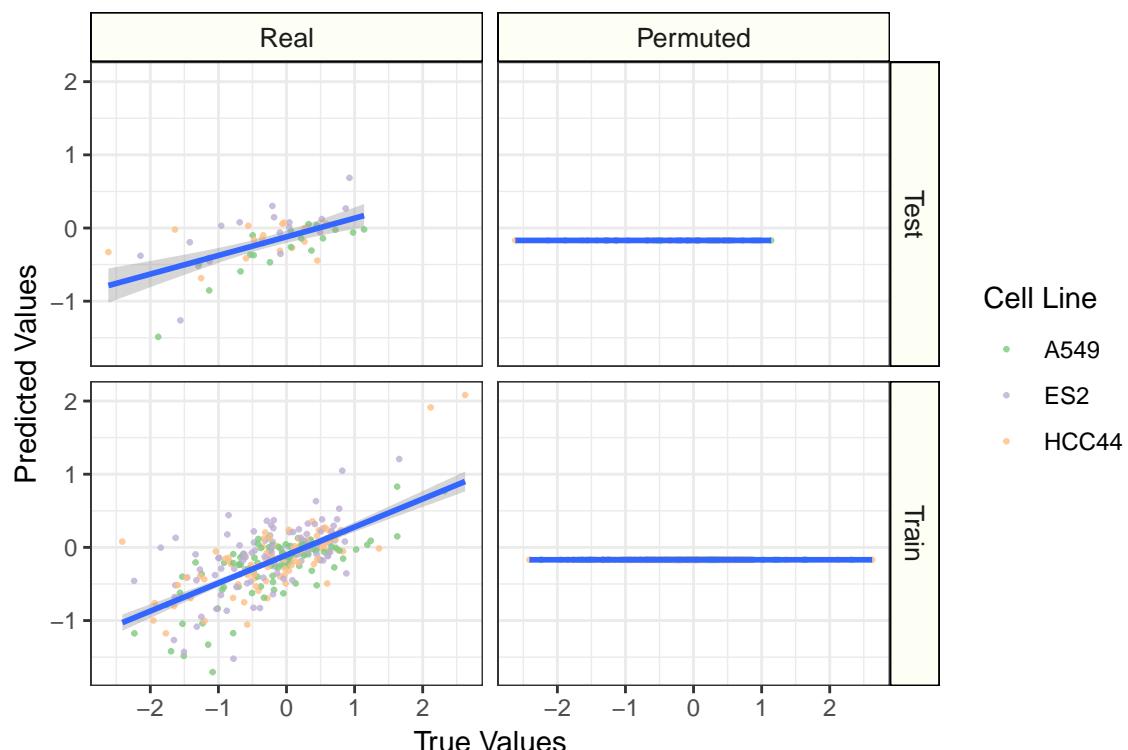


fit	shuffle	transform	r2	value
Train	Real	raw	0.79	0.20
Test	Real	raw	0.26	0.17
Train	Shuffle	raw	0.10	0.82
Test	Shuffle	raw	-0.30	0.29

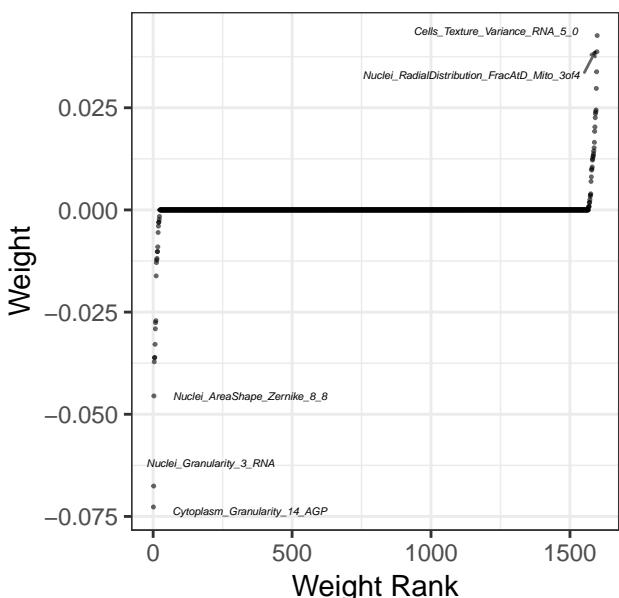


Performance: cc_edu_pos_alexa647_intensity_nucleus_area_mean

Transform: raw

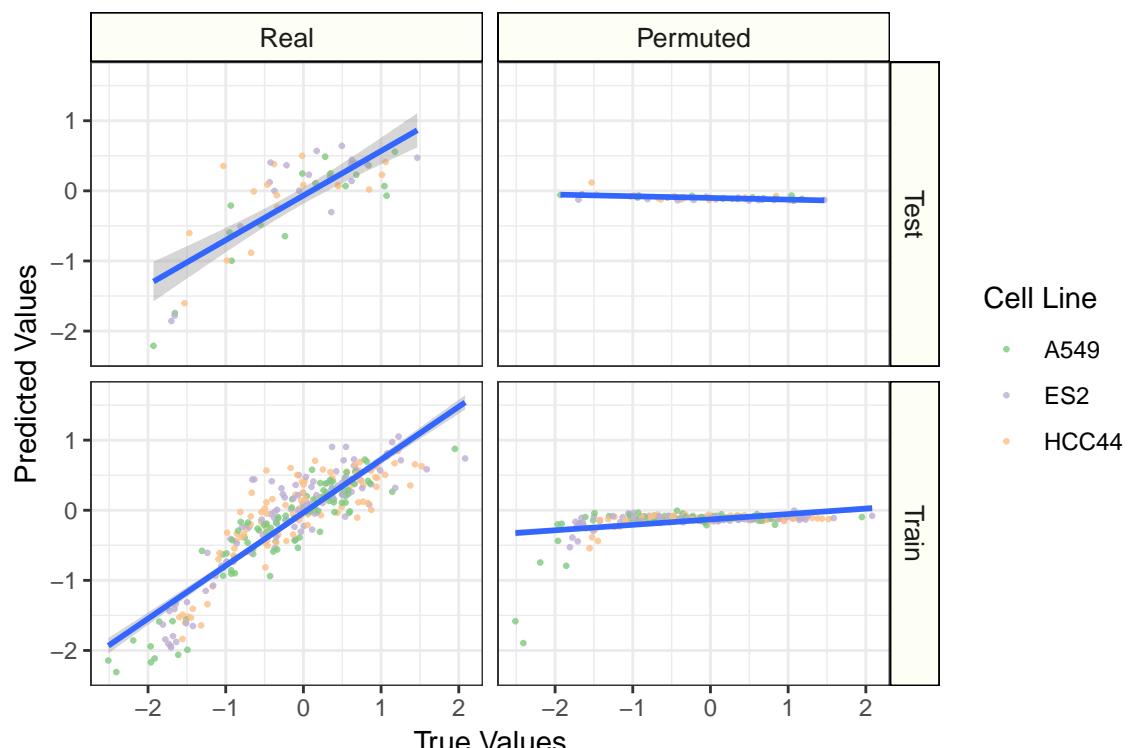


fit	shuffle	transform	r2	value
Train	Real	raw	0.45	0.32
Test	Real	raw	0.31	0.46
Train	Shuffle	raw	0.00	0.57
Test	Shuffle	raw	-0.03	0.69

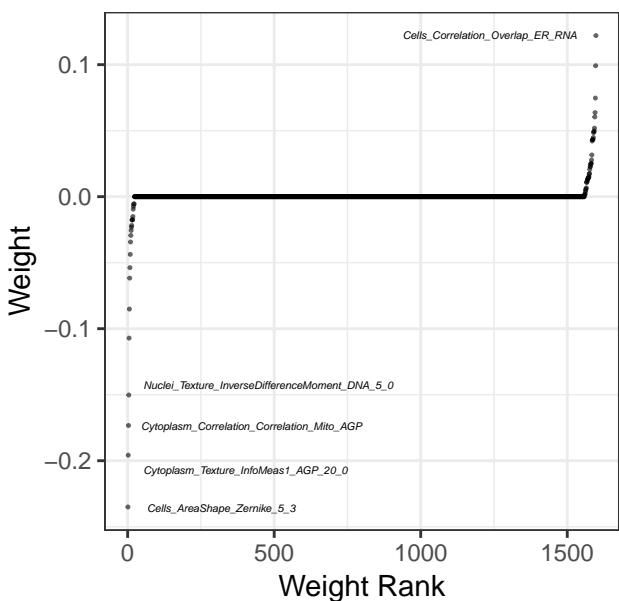


Performance: cc_edu_pos_alexa647_intensity_nucleus_area_su

Transform: raw

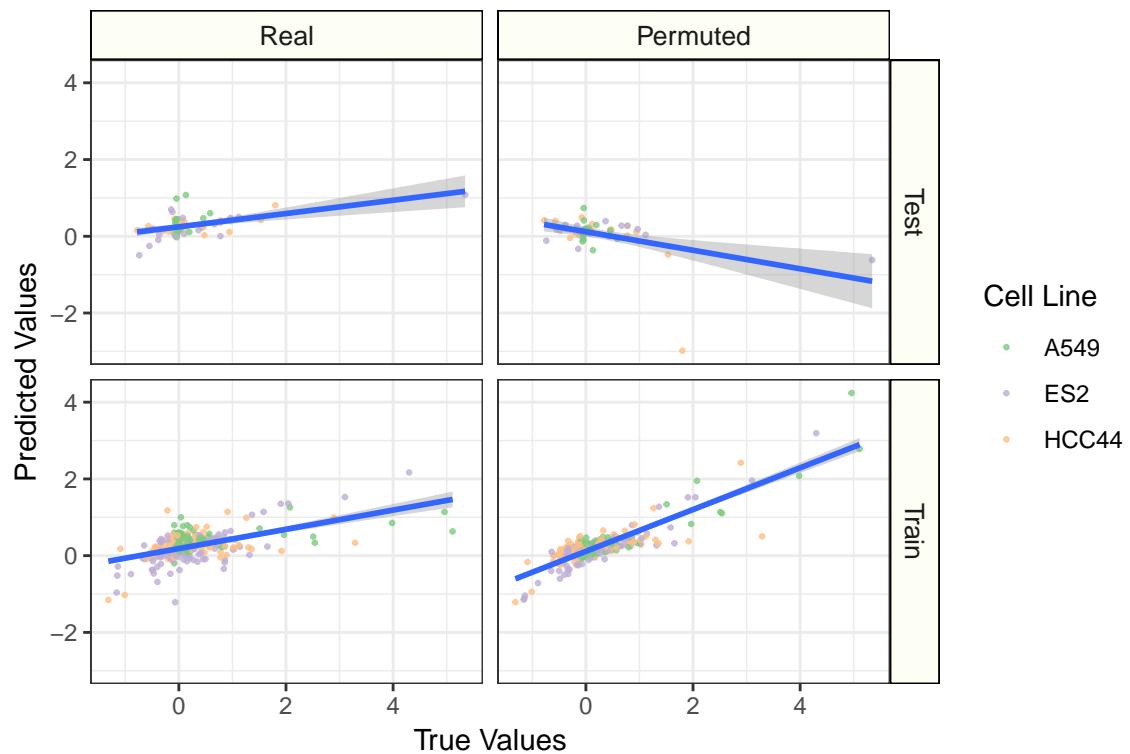


fit	shuffle	transform	r2	value
Train	Real	raw	0.79	0.14
Test	Real	raw	0.61	0.27
Train	Shuffle	raw	0.12	0.60
Test	Shuffle	raw	-0.05	0.74

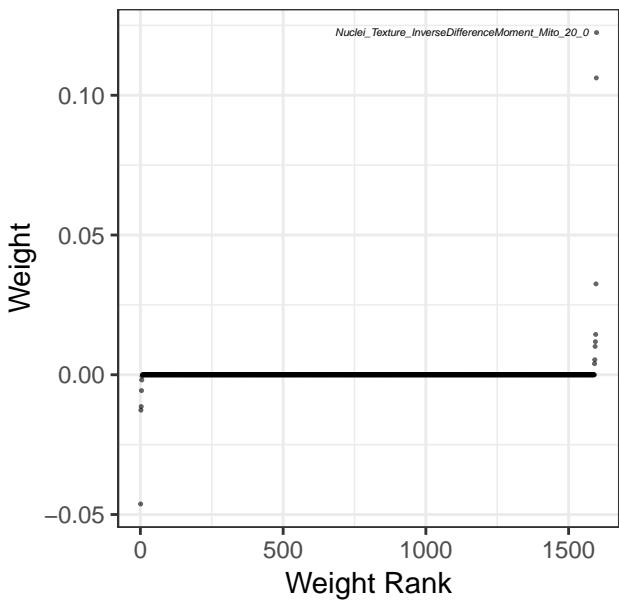


Performance: cc_edu_pos_high_n_spots_h2ax_mean

Transform: raw

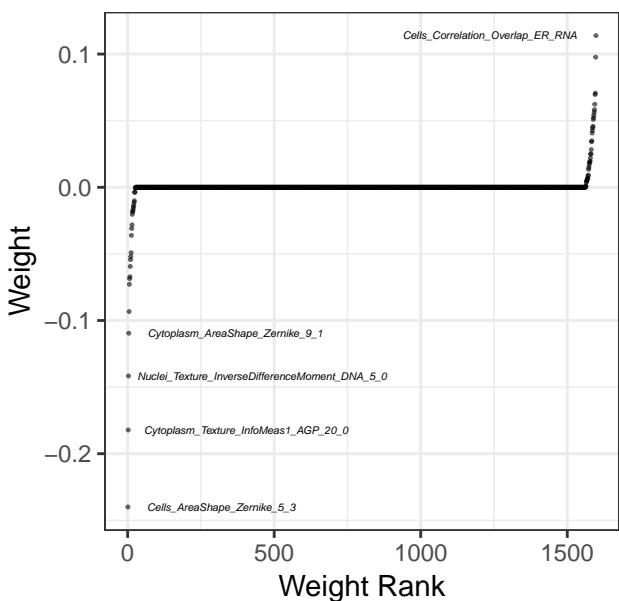
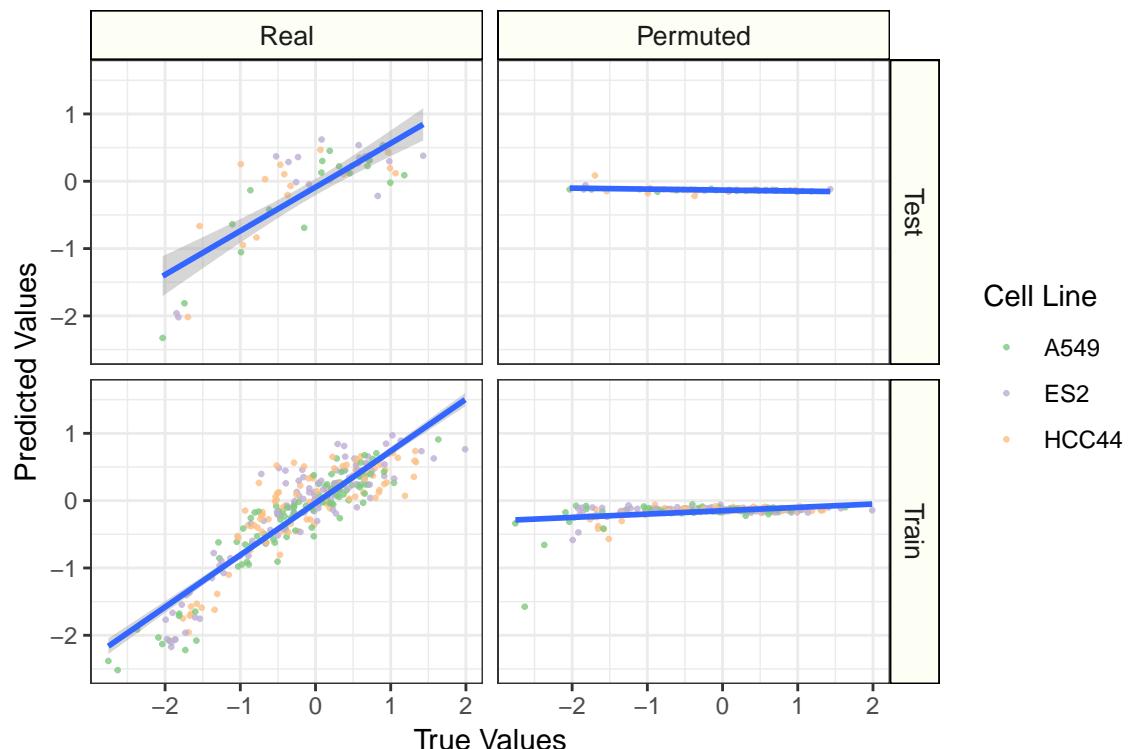


fit	shuffle	transform	r2	value
Train	Real	raw	0.31	0.45
Test	Real	raw	0.23	0.58
Train	Shuffle	raw	0.70	0.20
Test	Shuffle	raw	-0.83	1.39



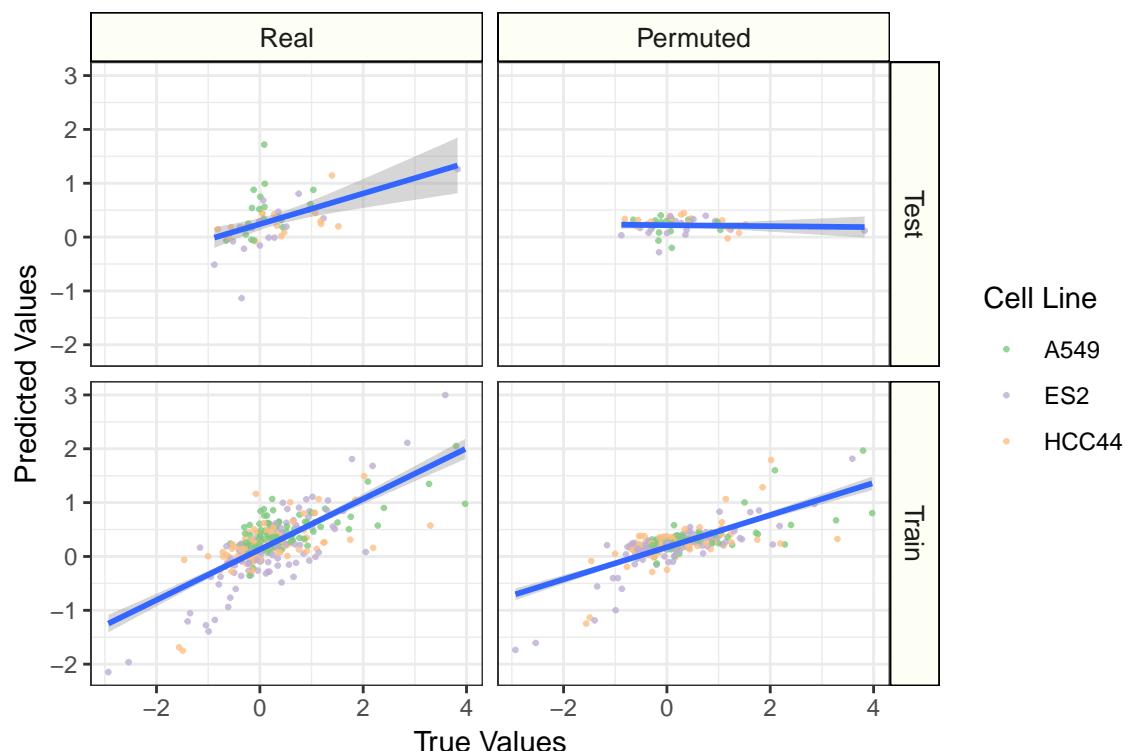
Performance: cc_edu_pos_n_objects

Transform: raw

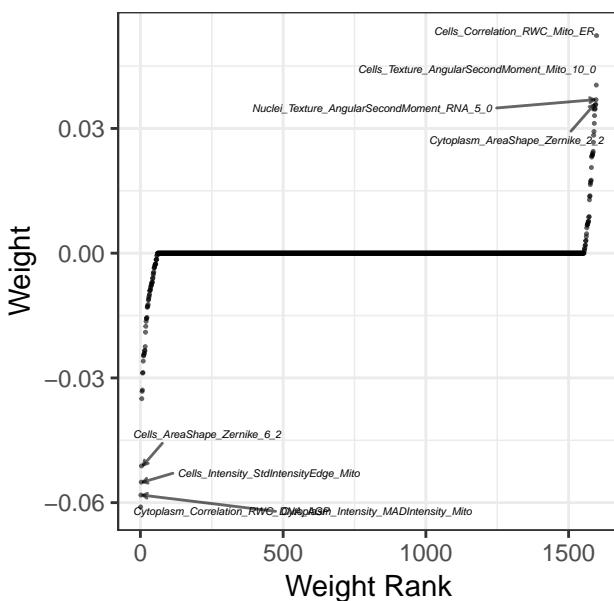


Performance: cc_edu_pos_n_spots_mean

Transform: raw

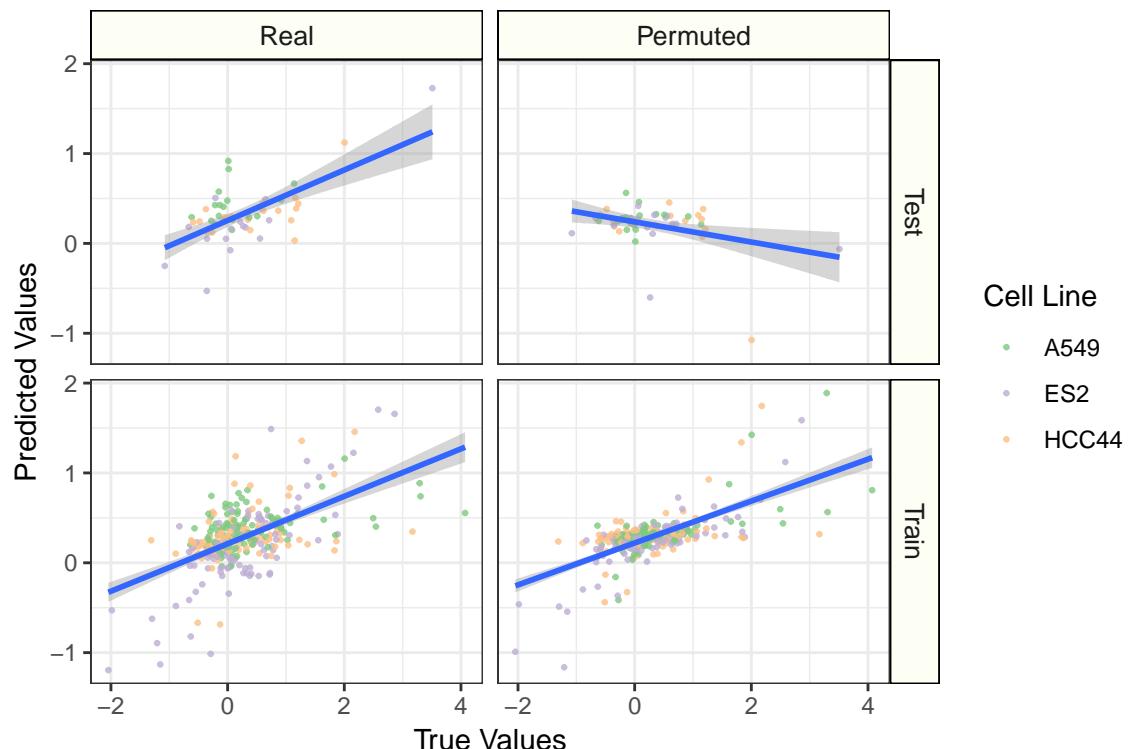


fit	shuffle	transform	r2	value
Train	Real	raw	0.53	0.33
Test	Real	raw	0.22	0.44
Train	Shuffle	raw	0.42	0.40
Test	Shuffle	raw	-0.06	0.60

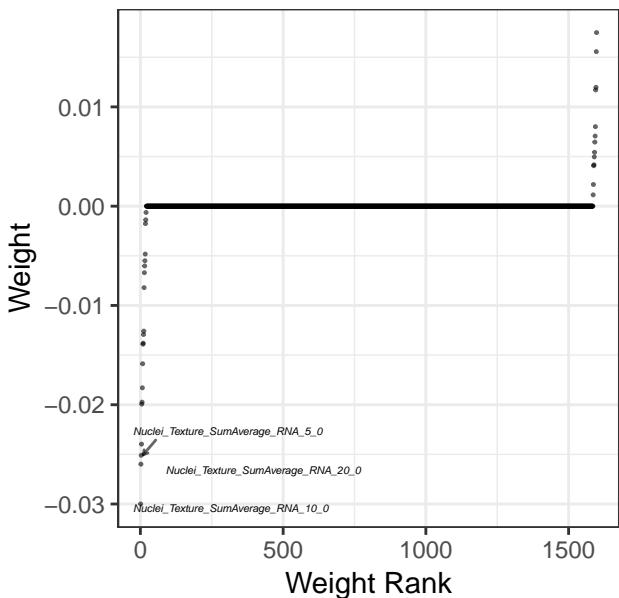


Performance: cc_edu_pos_n_spots_per_nucleus_area_mean

Transform: raw

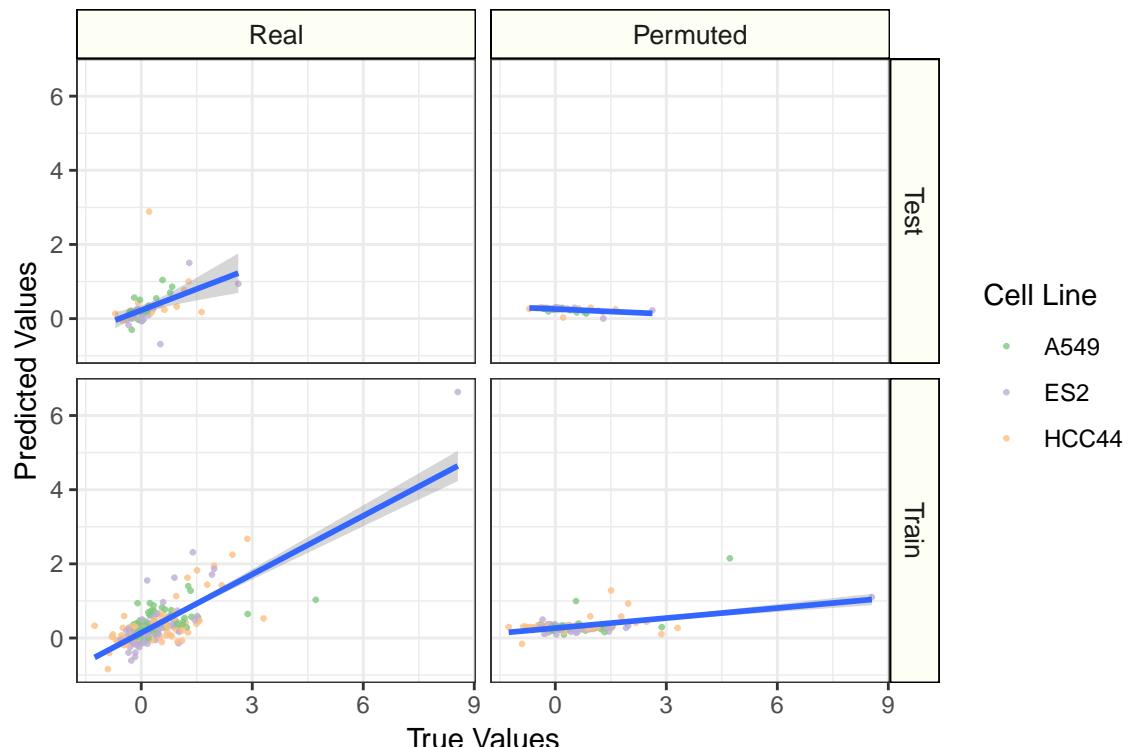


fit	shuffle	transform	r2	value
Train	Real	raw	0.31	0.41
Test	Real	raw	0.37	0.34
Train	Shuffle	raw	0.34	0.39
Test	Shuffle	raw	-0.33	0.71

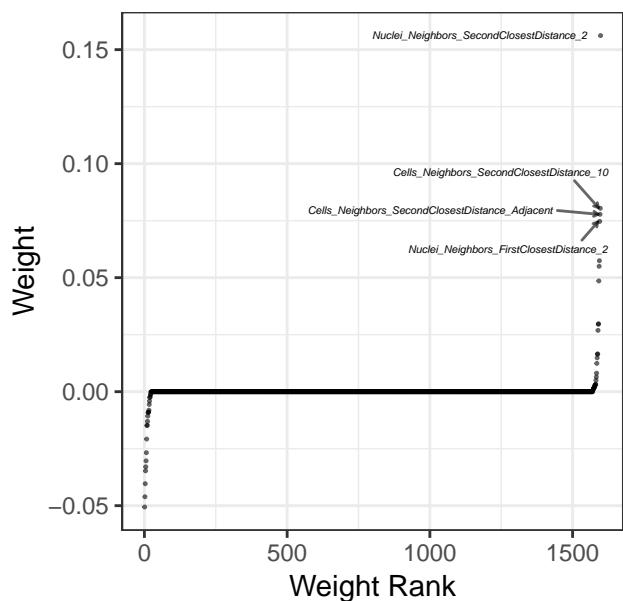


Performance: cc_g1_high_n_spots_h2ax_mean

Transform: raw

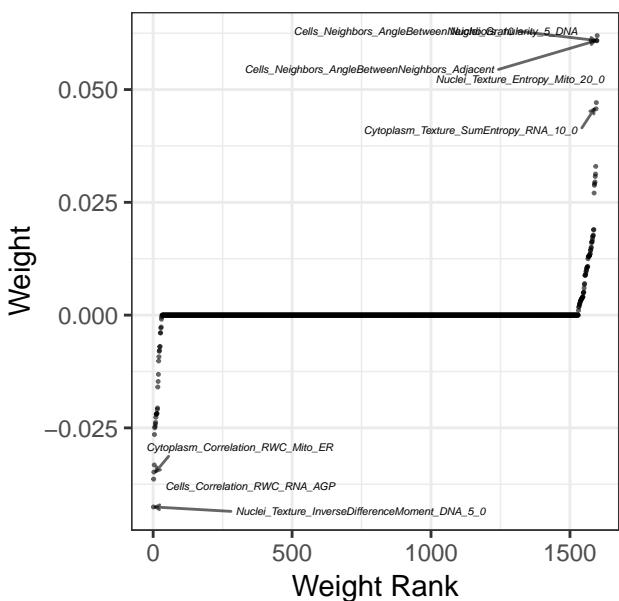
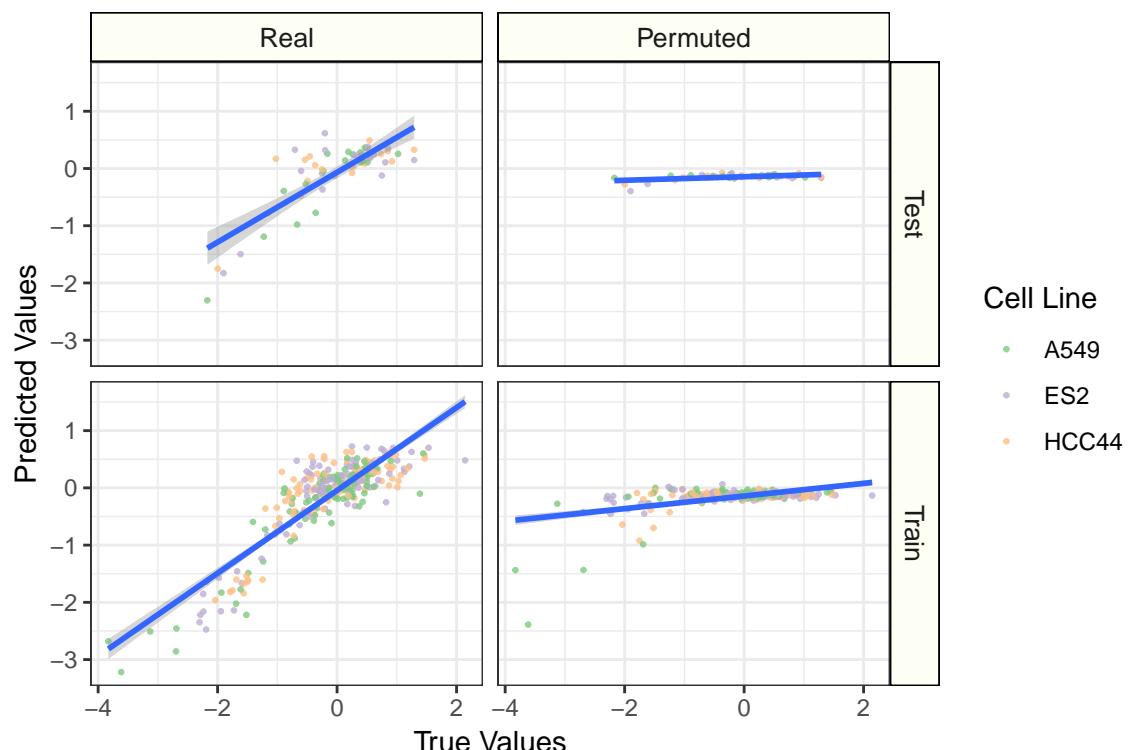


fit	shuffle	transform	r2	value
Train	Real	raw	0.59	0.28
Test	Real	raw	0.00	0.36
Train	Shuffle	raw	0.15	0.59
Test	Shuffle	raw	-0.12	0.40



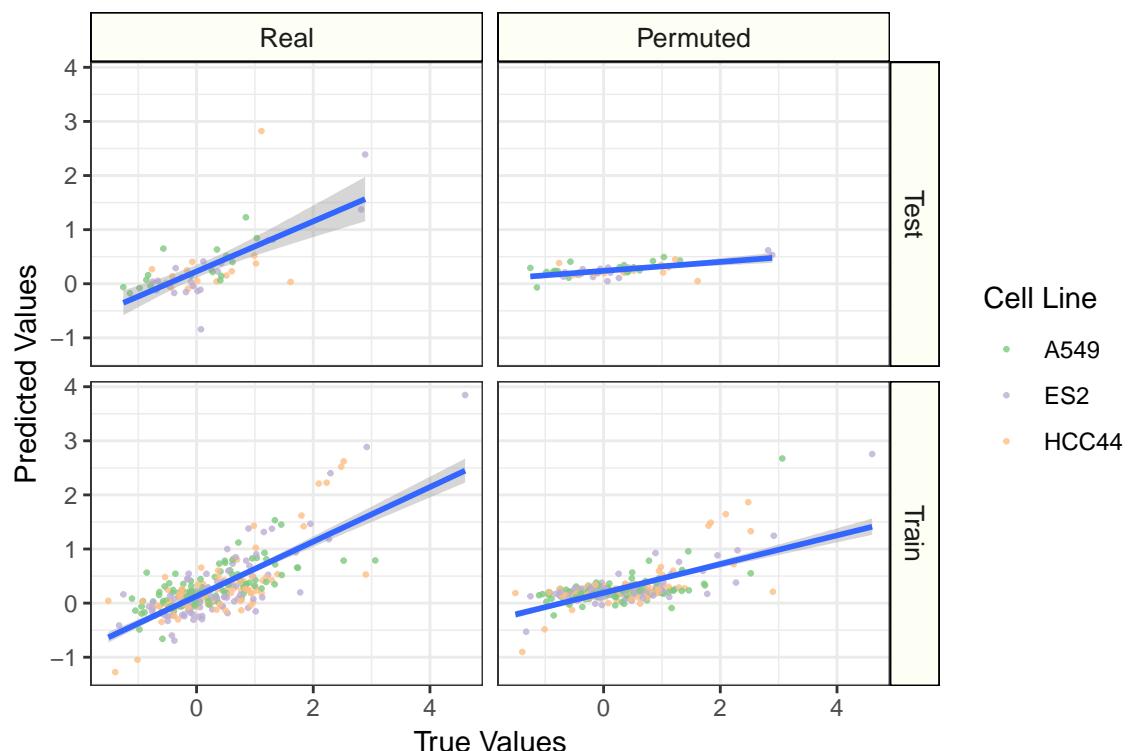
Performance: cc_g1_n_objects

Transform: raw

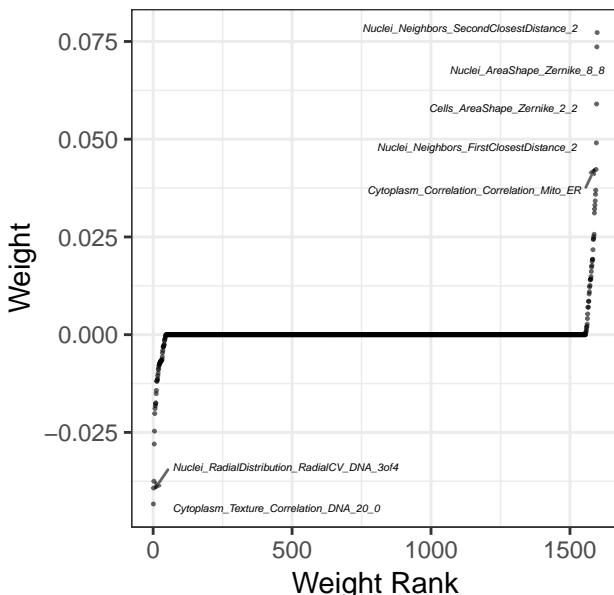


Performance: cc_g1_n_spots_mean

Transform: raw

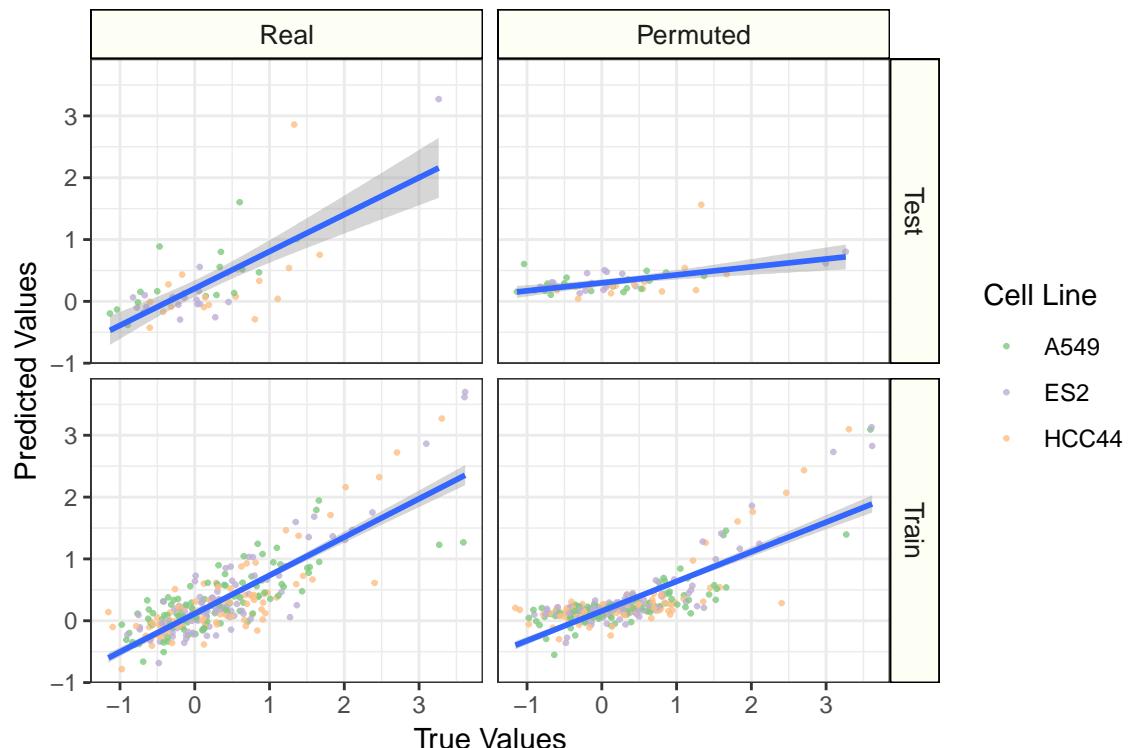


fit	shuffle	transform	r2	value
Train	Real	raw	0.56	0.29
Test	Real	raw	0.41	0.42
Train	Shuffle	raw	0.37	0.41
Test	Shuffle	raw	0.12	0.63

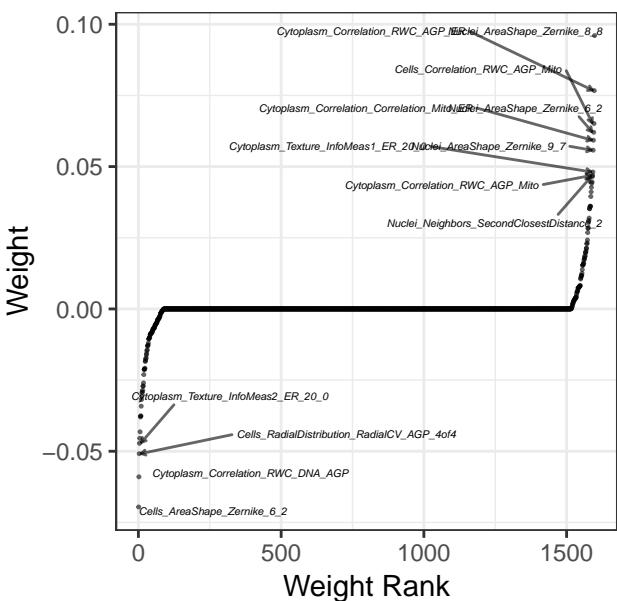


Performance: cc_g1_n_spots_per_nucleus_area_mean

Transform: raw

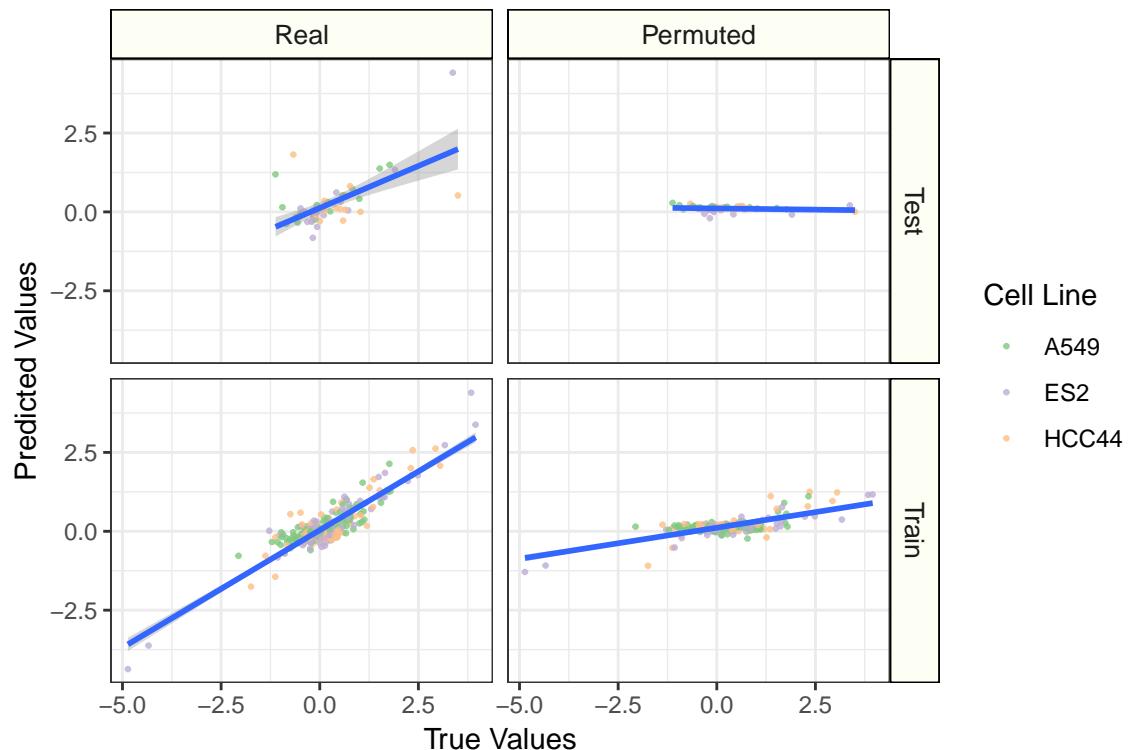


fit	shuffle	transform	r2	value
Train	Real	raw	0.68	0.21
Test	Real	raw	0.52	0.37
Train	Shuffle	raw	0.60	0.27
Test	Shuffle	raw	0.16	0.64

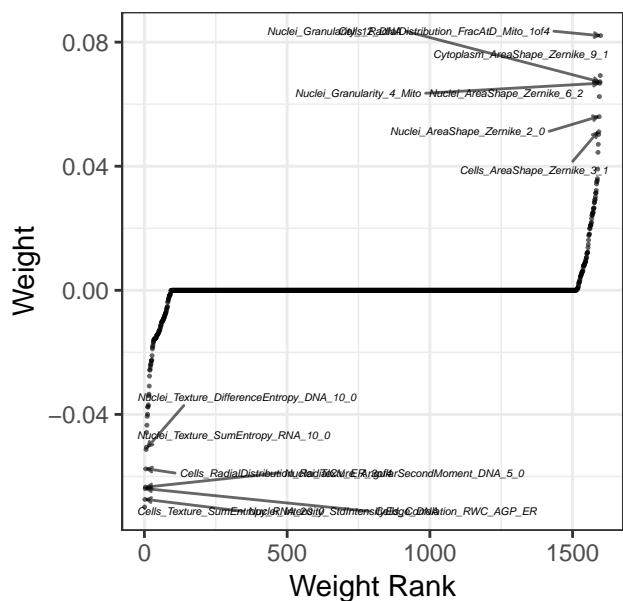


Performance: cc_g1_plus_g2

Transform: raw

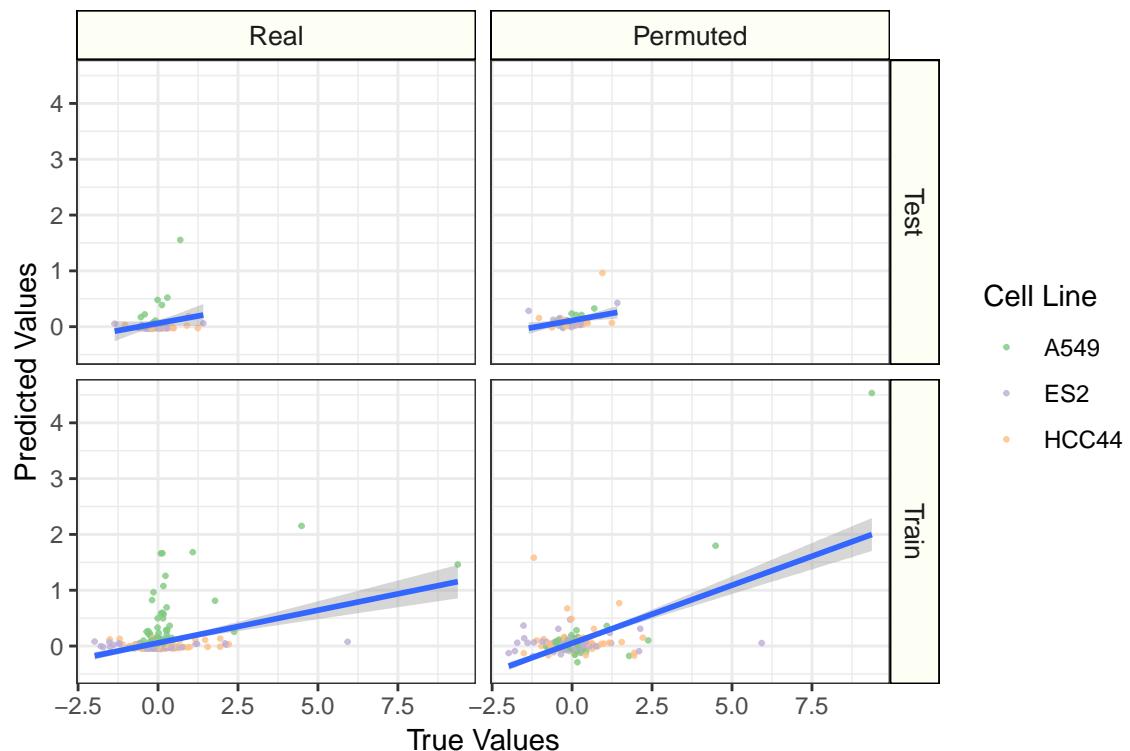


fit	shuffle	transform	r2	value
Train	Real	raw	0.80	0.15
Test	Real	raw	0.31	0.54
Train	Shuffle	raw	0.32	0.53
Test	Shuffle	raw	-0.06	0.83

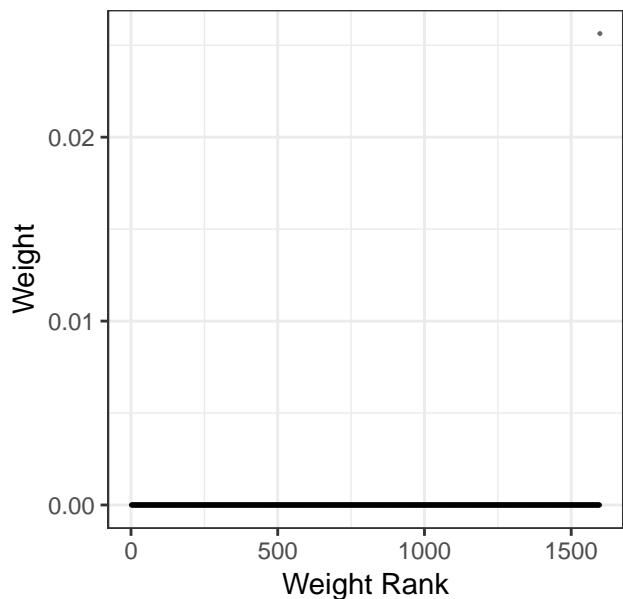


Performance: cc_g2_g1

Transform: raw

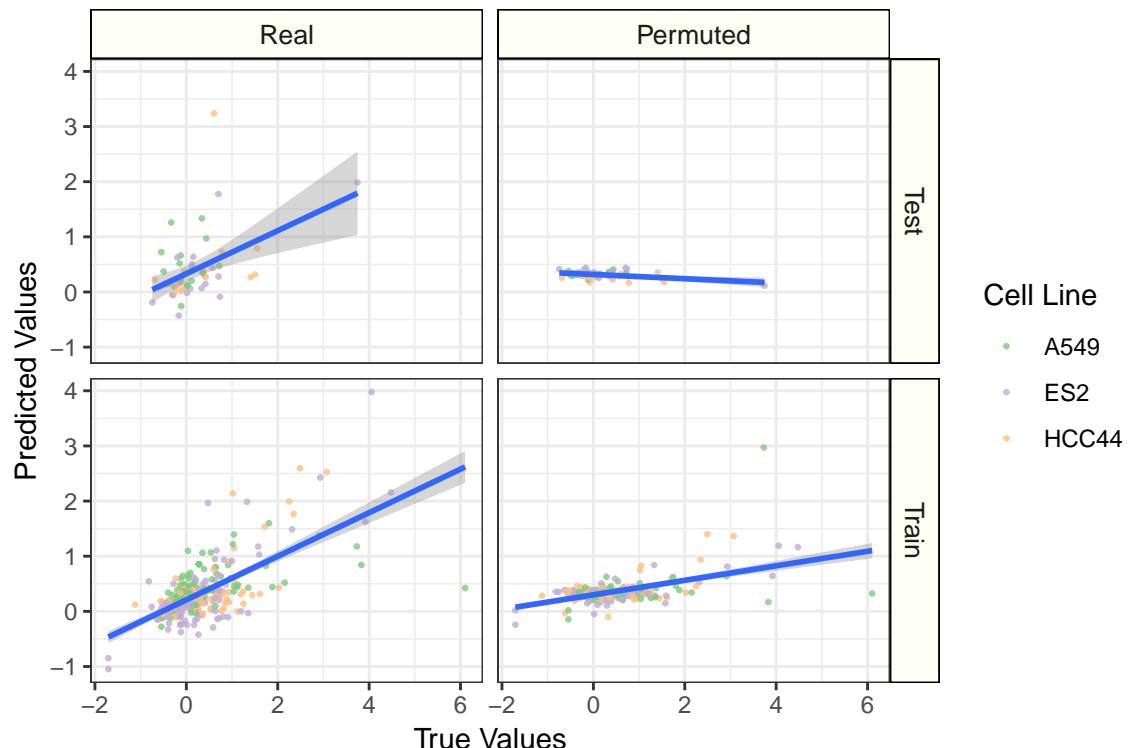


fit	shuffle	transform	r2	value
Train	Real	raw	0.14	0.68
Test	Real	raw	-0.06	0.27
Train	Shuffle	raw	0.30	0.55
Test	Shuffle	raw	0.03	0.25

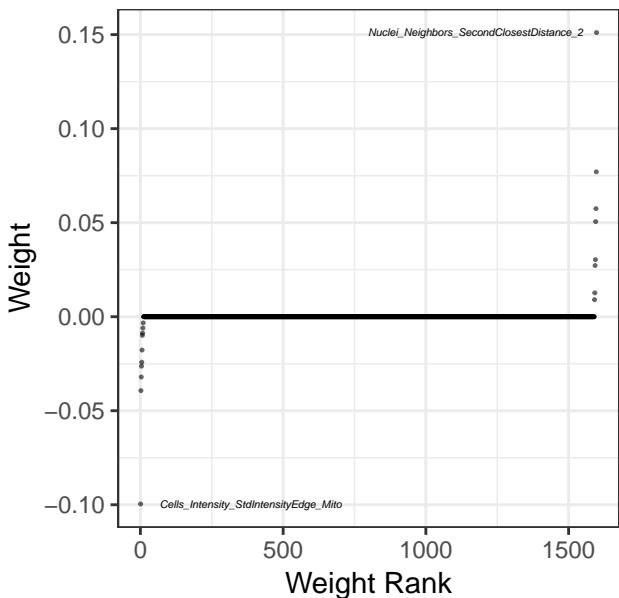


Performance: cc_g2_ph3_neg_high_n_spots_h2ax_mean

Transform: raw

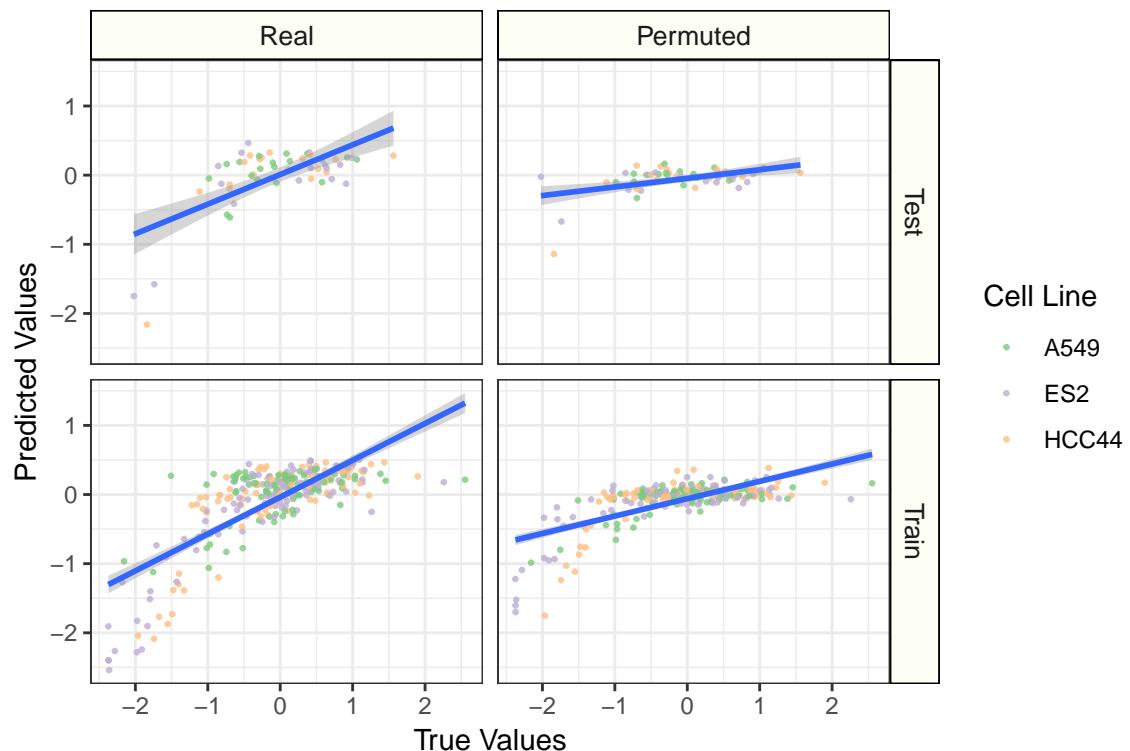


fit	shuffle	transform	r2	value
Train	Real	raw	0.44	0.44
Test	Real	raw	-0.03	0.51
Train	Shuffle	raw	0.20	0.63
Test	Shuffle	raw	-0.13	0.56

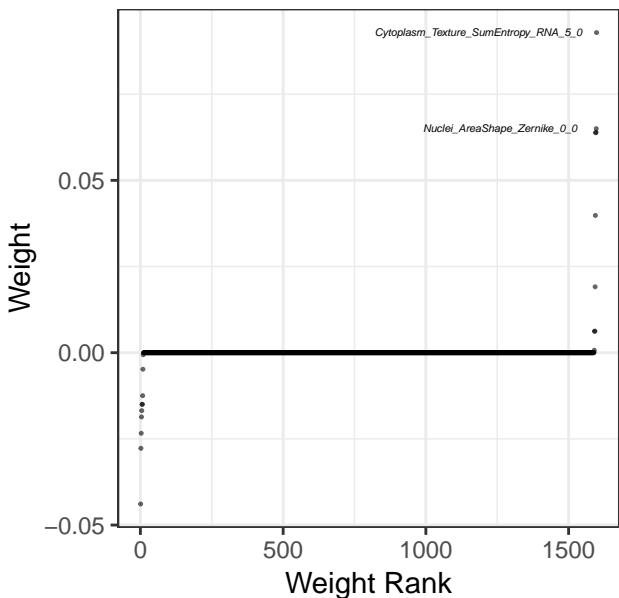


Performance: cc_g2_ph3_neg_n_objects

Transform: raw

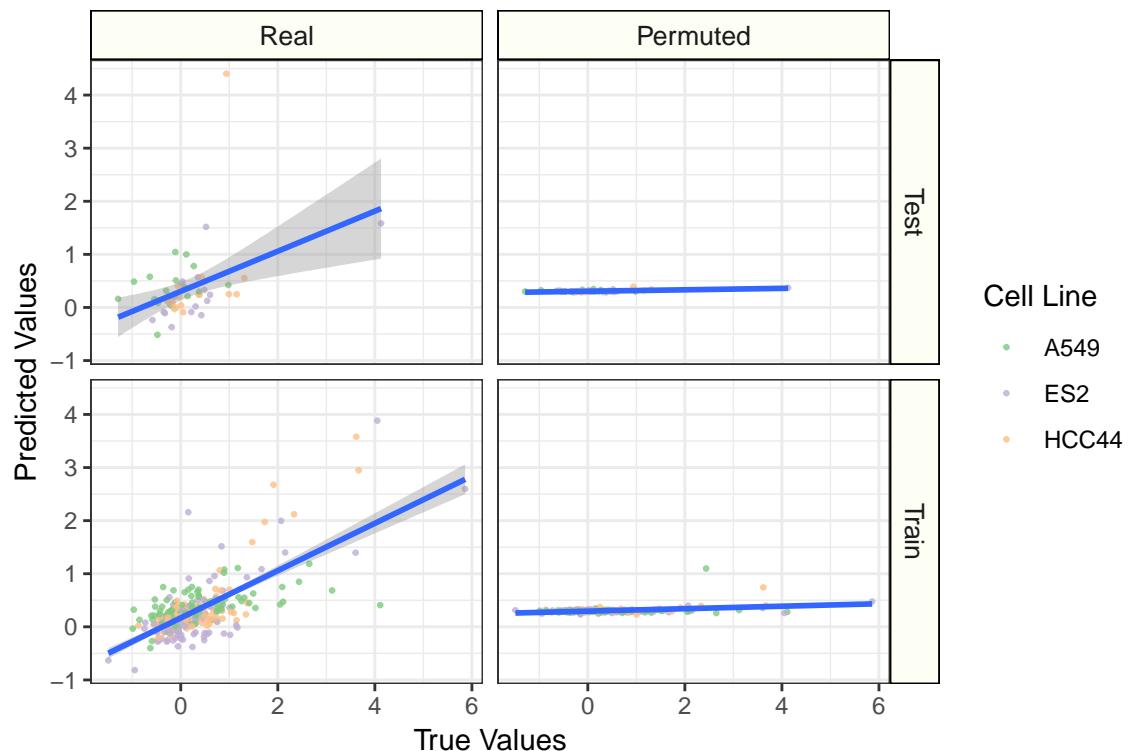


fit	shuffle	transform	r2	value
Train	Real	raw	0.57	0.29
Test	Real	raw	0.42	0.32
Train	Shuffle	raw	0.37	0.42
Test	Shuffle	raw	0.18	0.45

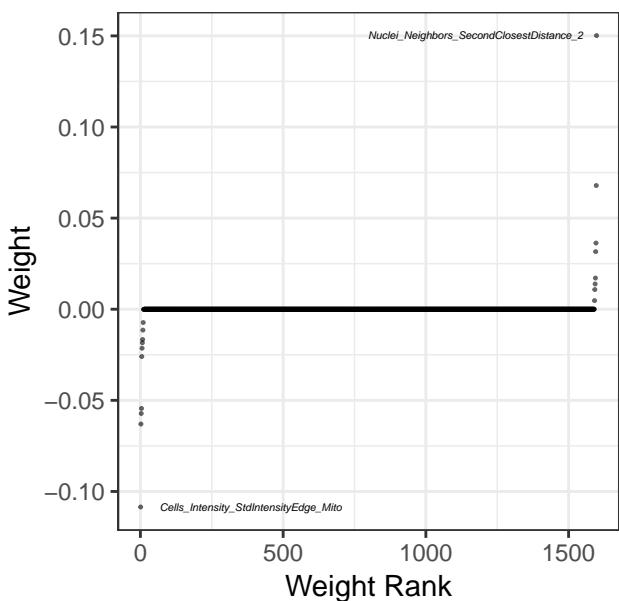


Performance: cc_g2_ph3_neg_n_spots_mean

Transform: raw

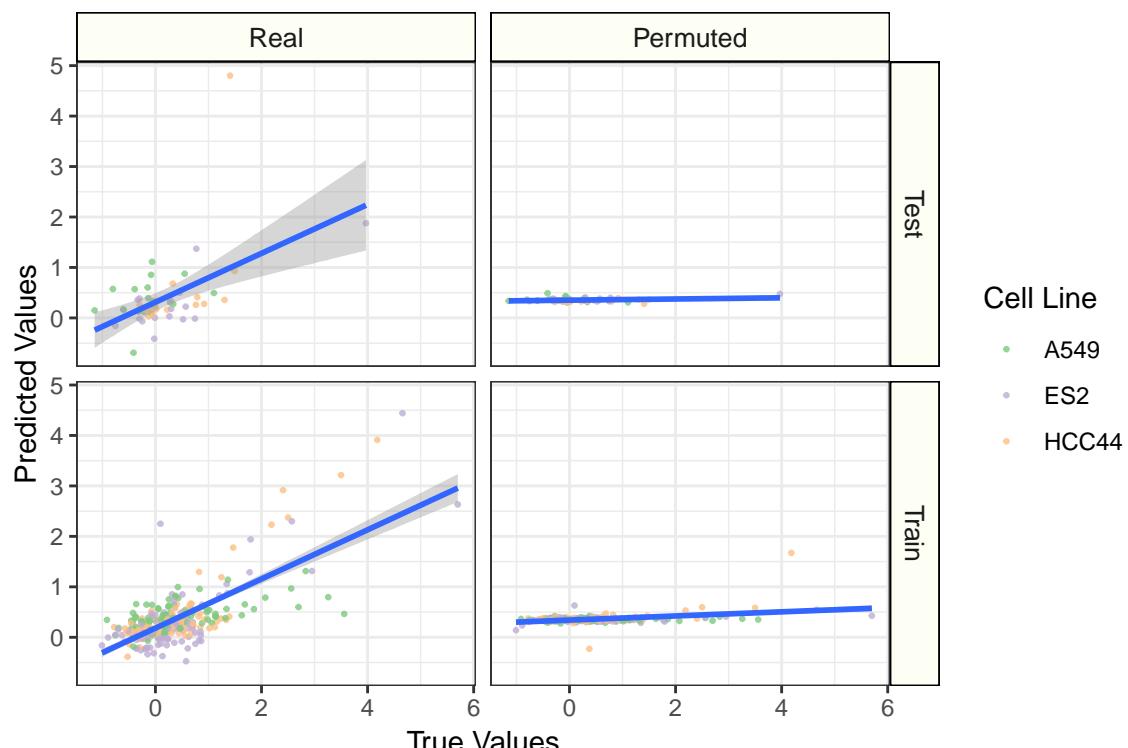


fit	shuffle	transform	r2	value
Train	Real	raw	0.50	0.36
Test	Real	raw	-0.17	0.64
Train	Shuffle	raw	0.04	0.69
Test	Shuffle	raw	-0.04	0.57

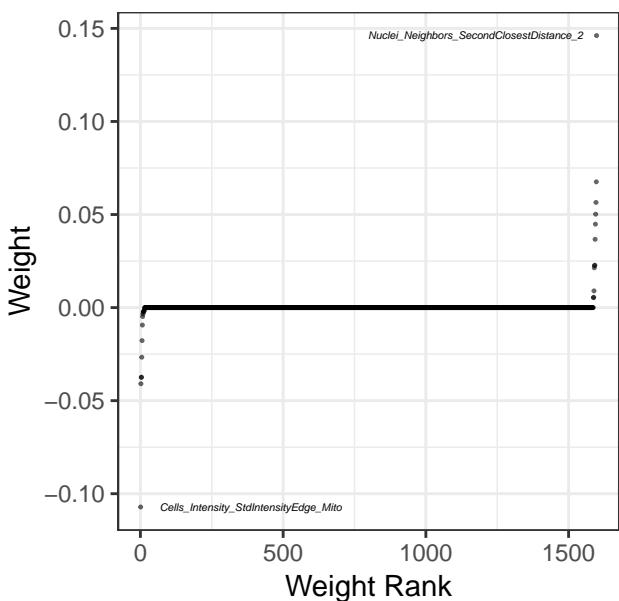


Performance: cc_g2_ph3_neg_n_spots_per_nucleus_area_mean

Transform: raw

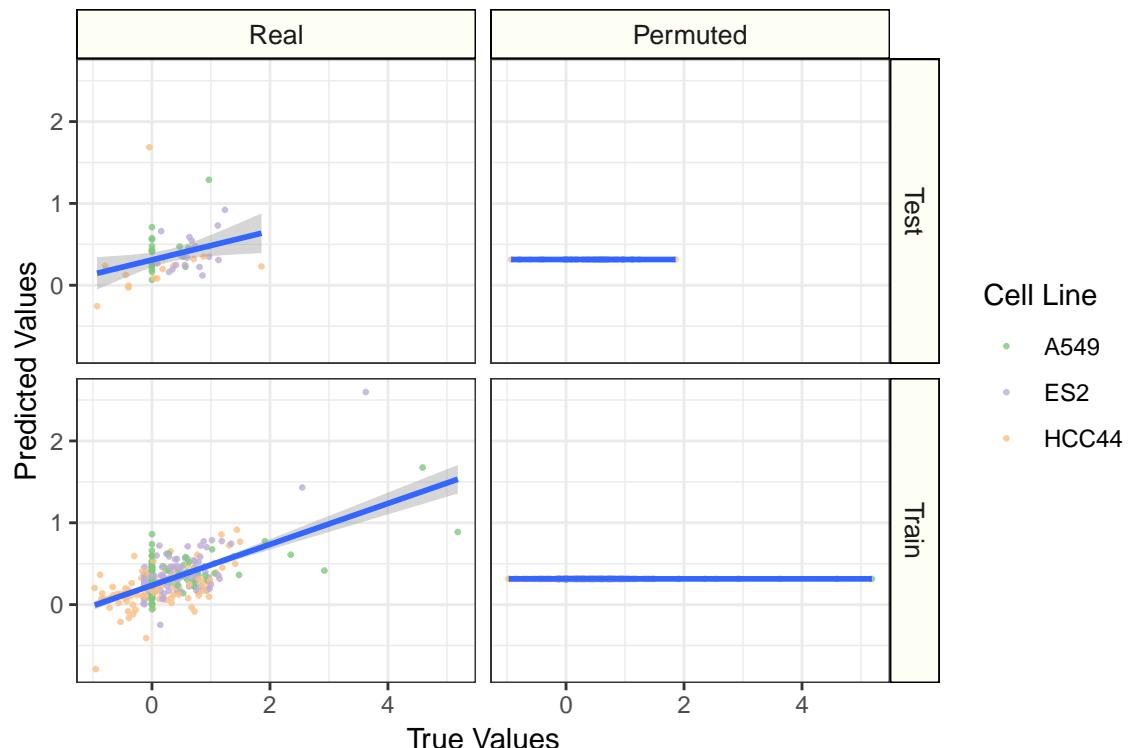


fit	shuffle	transform	r2	value
Train	Real	raw	0.53	0.34
Test	Real	raw	-0.05	0.59
Train	Shuffle	raw	0.07	0.68
Test	Shuffle	raw	-0.04	0.59

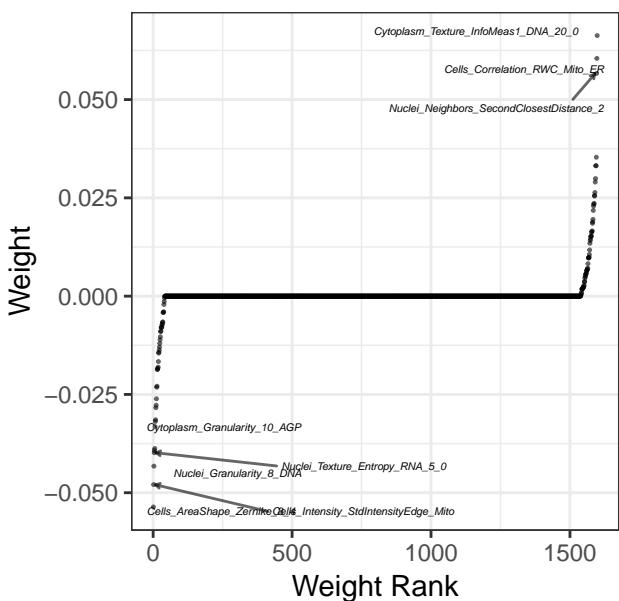


Performance: cc_g2_ph3_pos_high_n_spots_h2ax_mean

Transform: raw

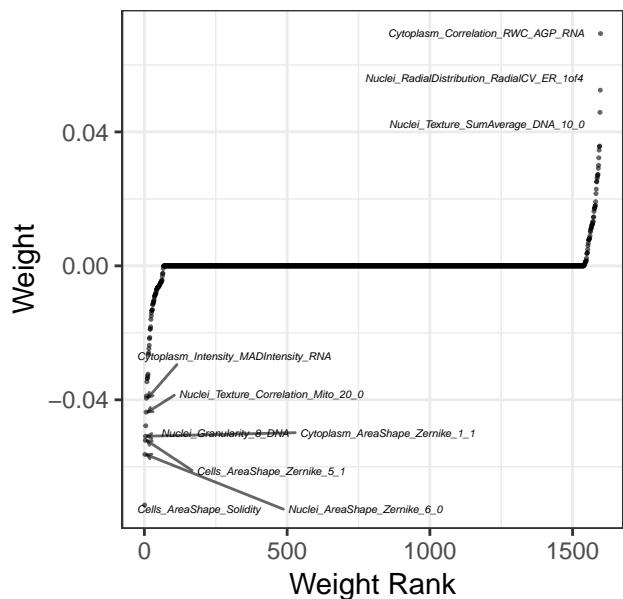
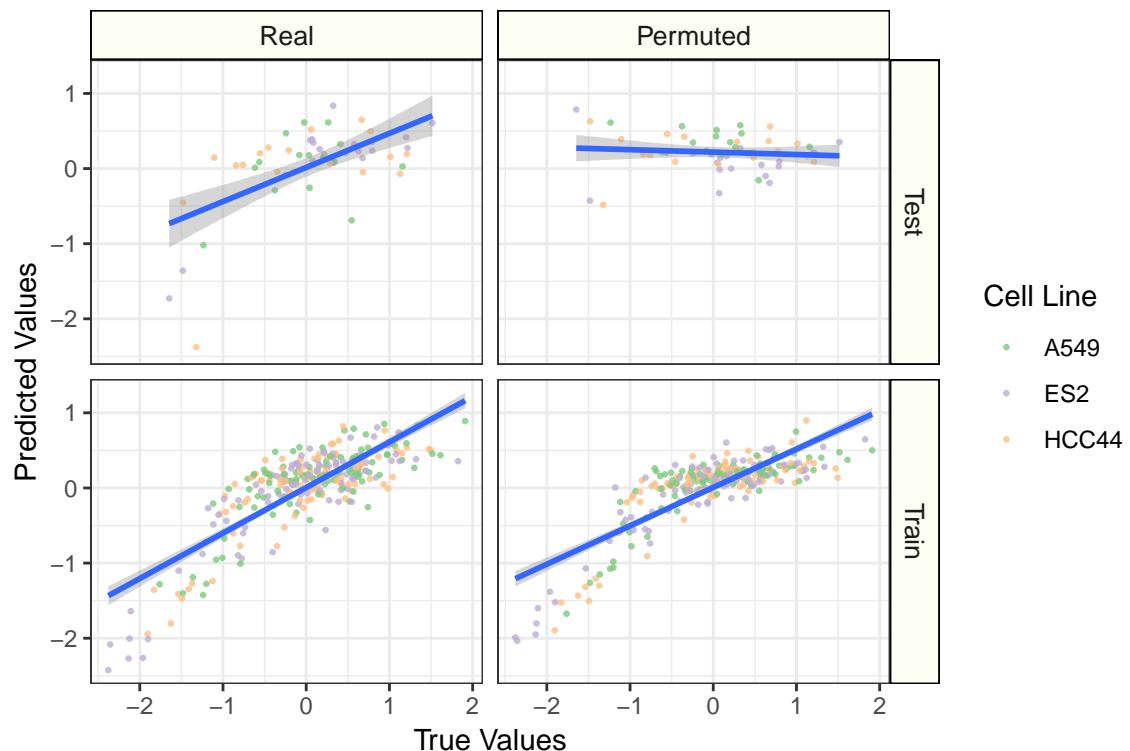


fit	shuffle	transform	r2	value
Train	Real	raw	0.34	0.30
Test	Real	raw	0.03	0.29
Train	Shuffle	raw	0.00	0.46
Test	Shuffle	raw	0.00	0.29



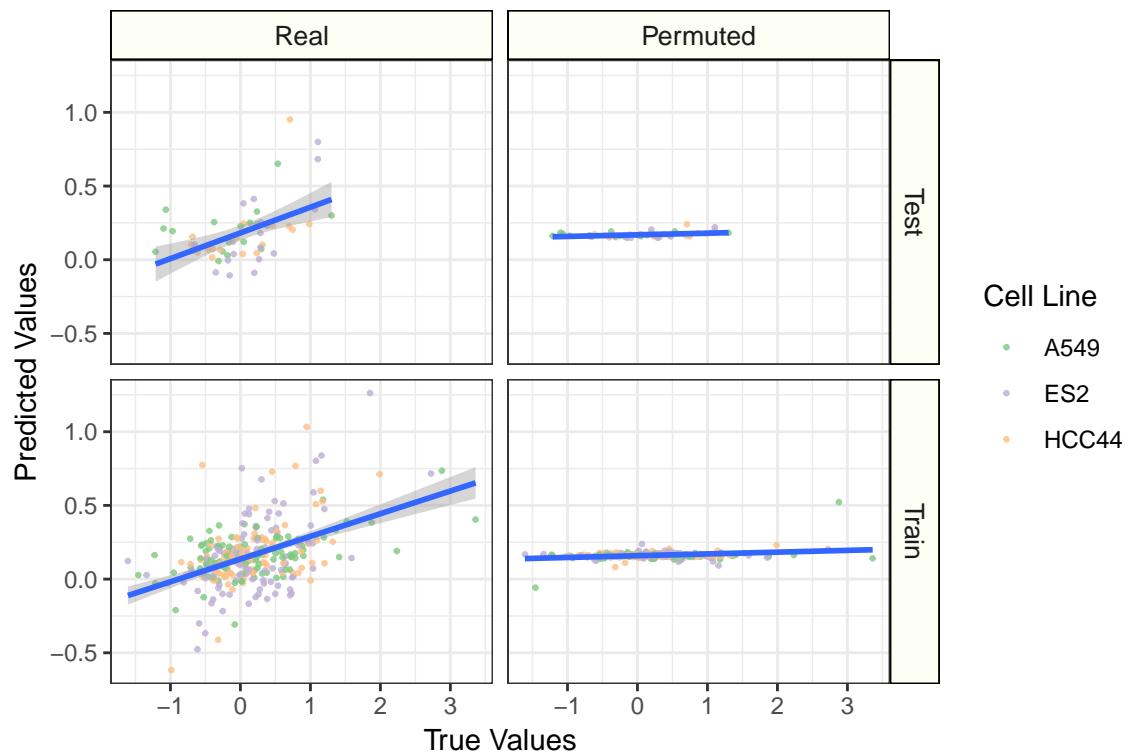
Performance: cc_g2_ph3_pos_n_objects

Transform: raw

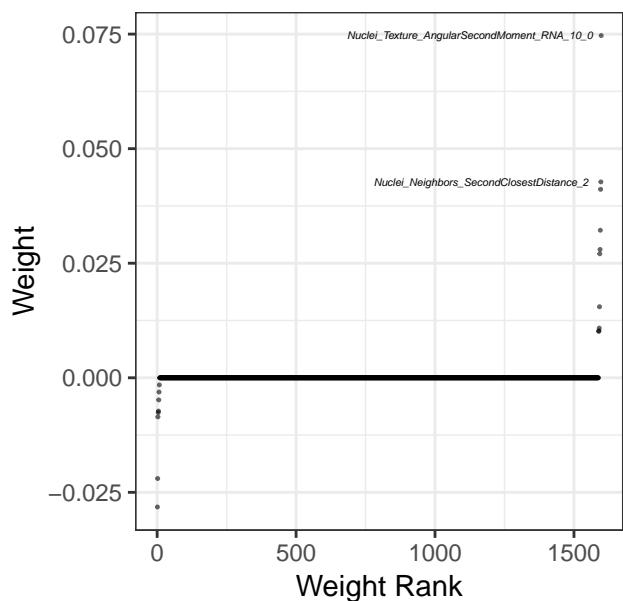


Performance: cc_g2_ph3_pos_n_spots_mean

Transform: raw

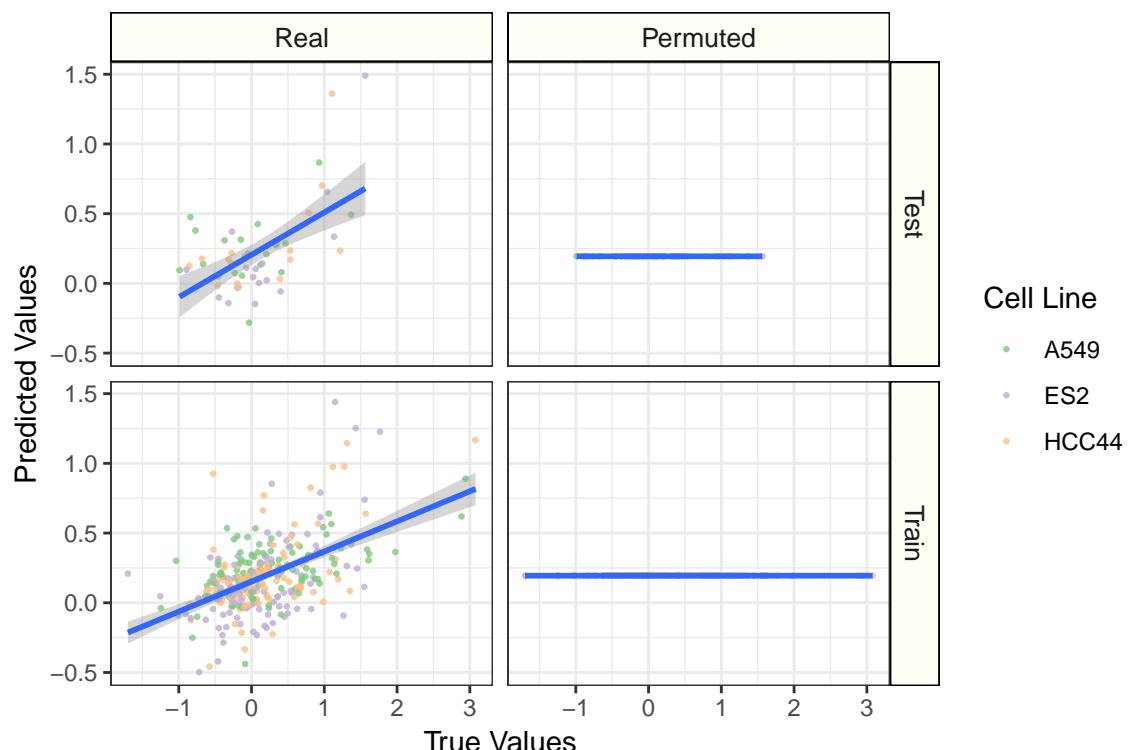


fit	shuffle	transform	r2	value
Train	Real	raw	0.20	0.33
Test	Real	raw	0.16	0.29
Train	Shuffle	raw	0.02	0.41
Test	Shuffle	raw	-0.03	0.35

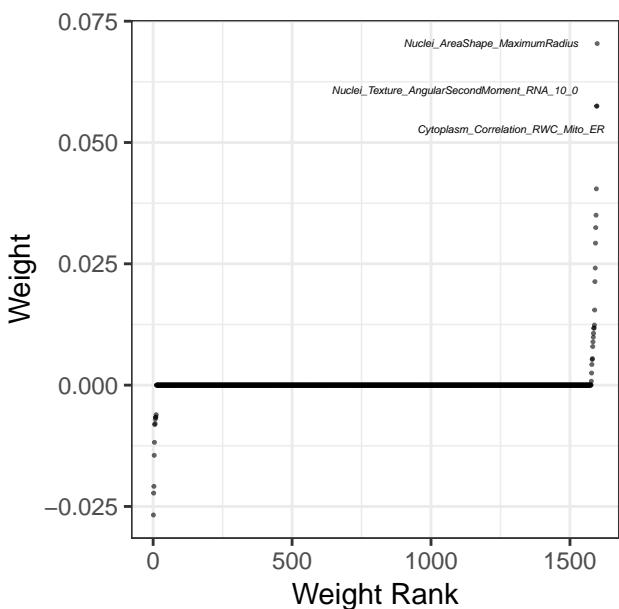


Performance: cc_g2_ph3_pos_n_spots_per_nucleus_area_mean

Transform: raw

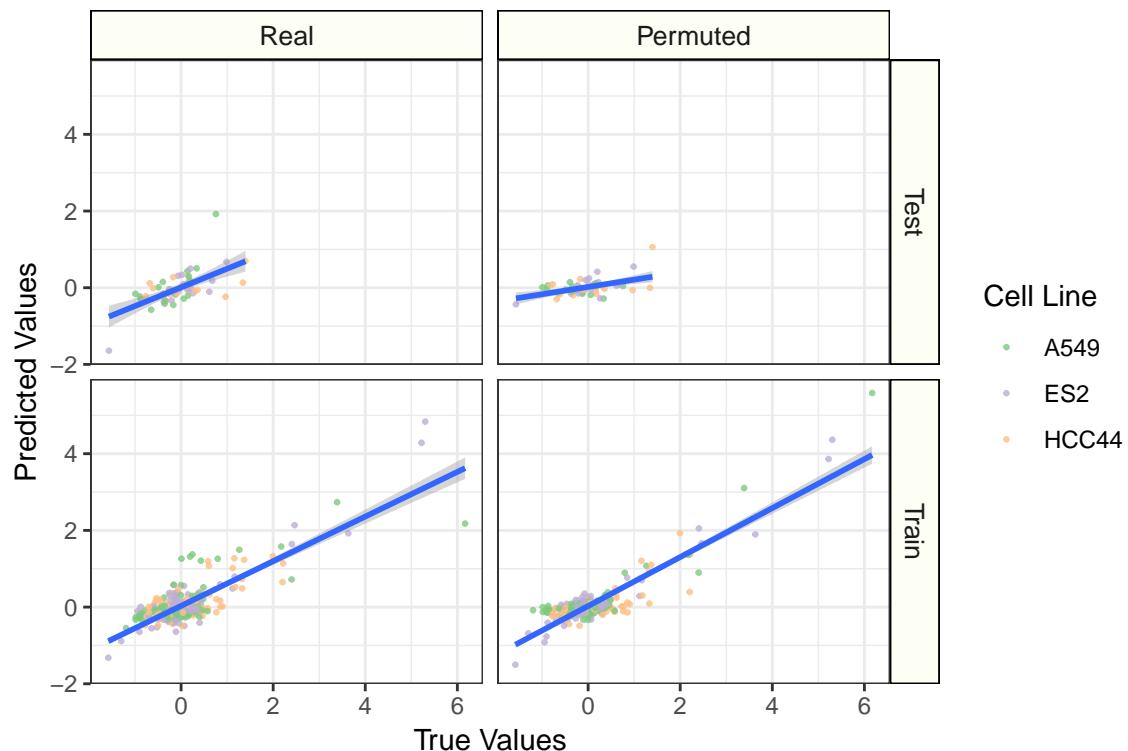


fit	shuffle	transform	r2	value
Train	Real	raw	0.26	0.31
Test	Real	raw	0.27	0.26
Train	Shuffle	raw	0.00	0.42
Test	Shuffle	raw	-0.03	0.37

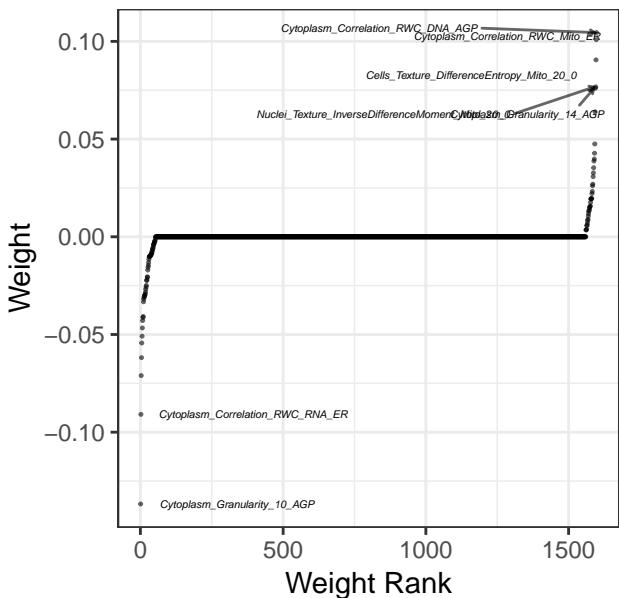


Performance: cc_g2_plus_all_m

Transform: raw

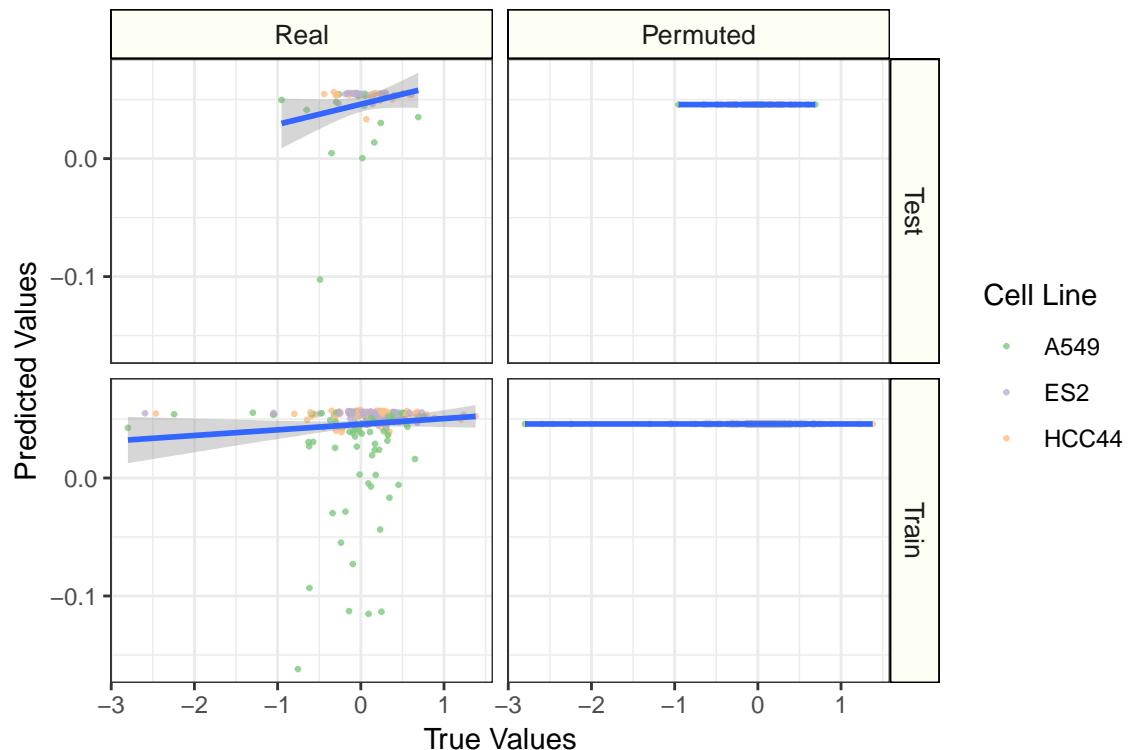


fit	shuffle	transform	r2	value
Train	Real	raw	0.66	0.24
Test	Real	raw	0.34	0.20
Train	Shuffle	raw	0.76	0.17
Test	Shuffle	raw	0.22	0.24

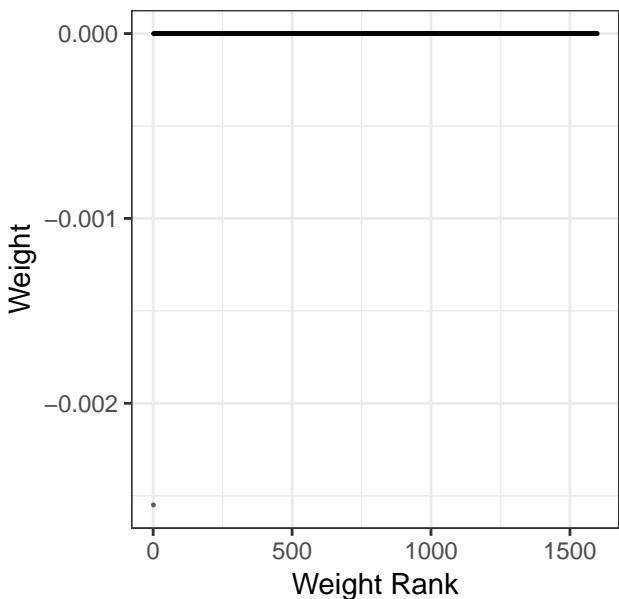


Performance: cc_infection_percentage

Transform: raw

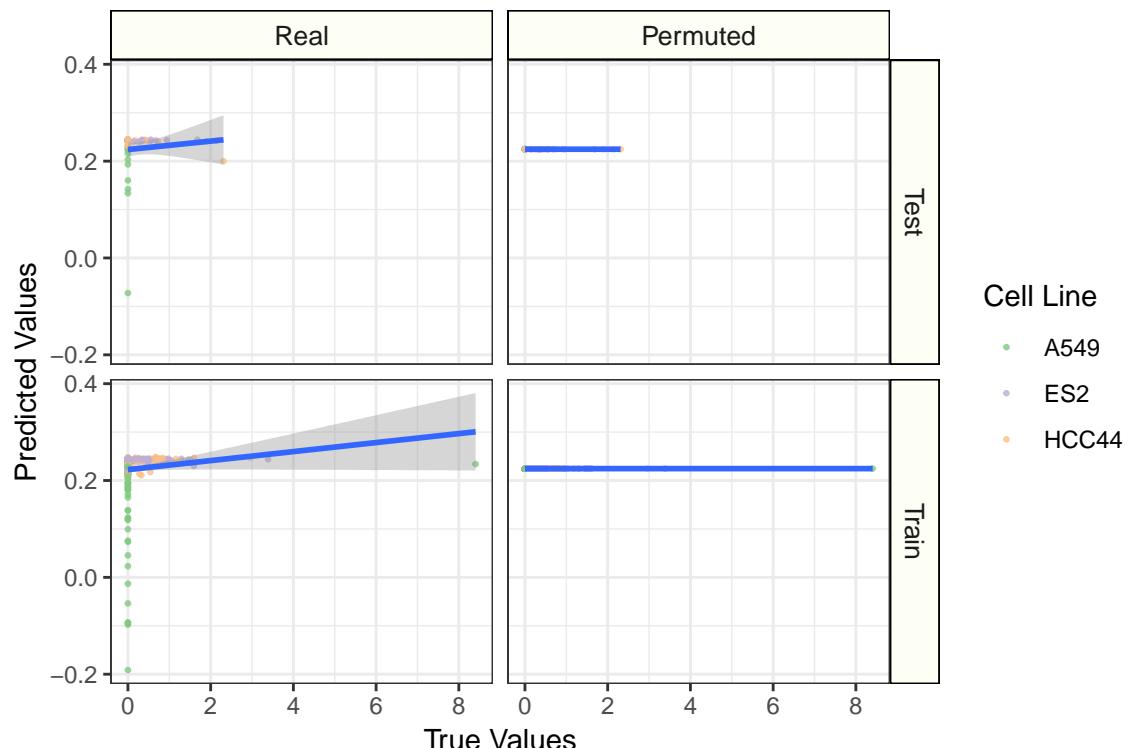


fit	shuffle	transform	r2	value
Train	Real	raw	0.01	0.2
Test	Real	raw	0.03	0.1
Train	Shuffle	raw	0.00	0.2
Test	Shuffle	raw	0.00	0.1

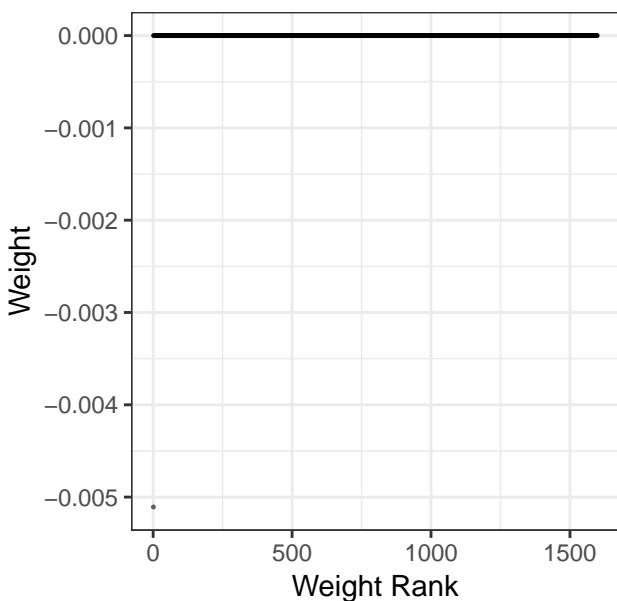


Performance: cc_mitosis_ph3_neg_high_n_spots_h2ax_mean

Transform: raw

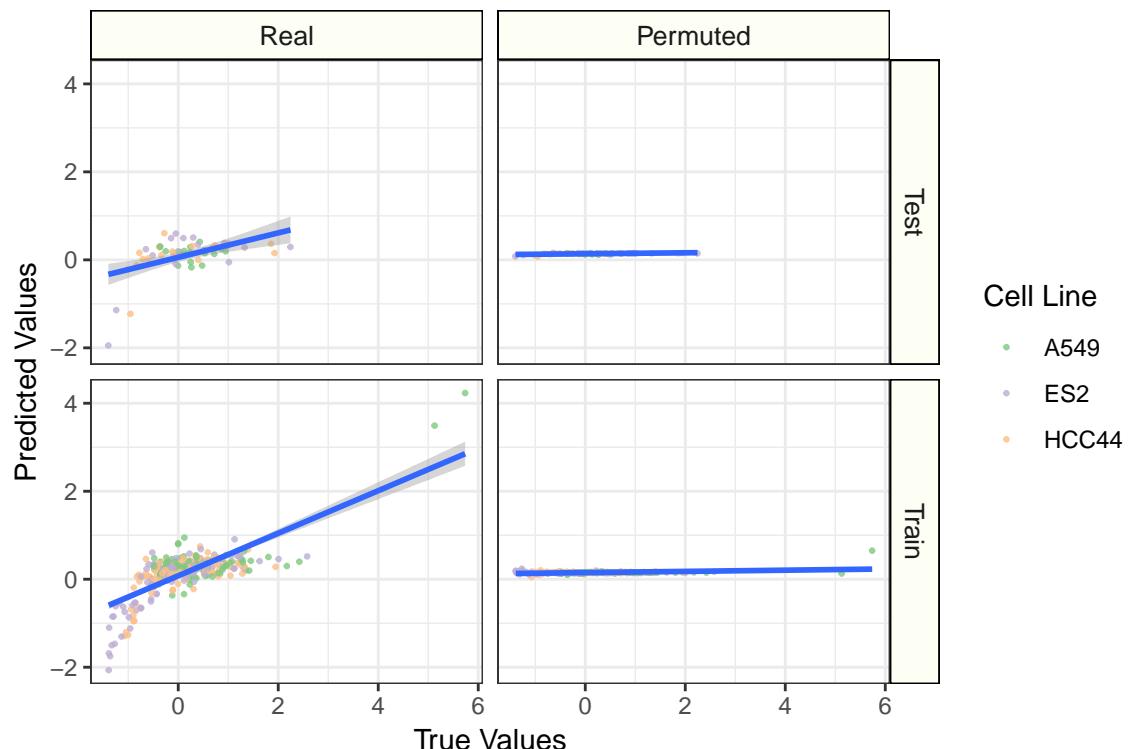


fit	shuffle	transform	r2	value
Train	Real	raw	0.01	0.39
Test	Real	raw	0.00	0.30
Train	Shuffle	raw	0.00	0.39
Test	Shuffle	raw	-0.01	0.30

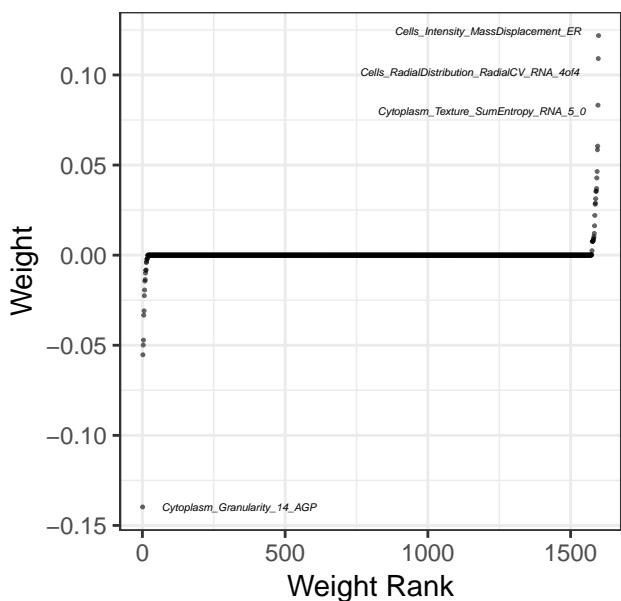


Performance: cc_mitosis_ph3_neg_n_objects

Transform: raw

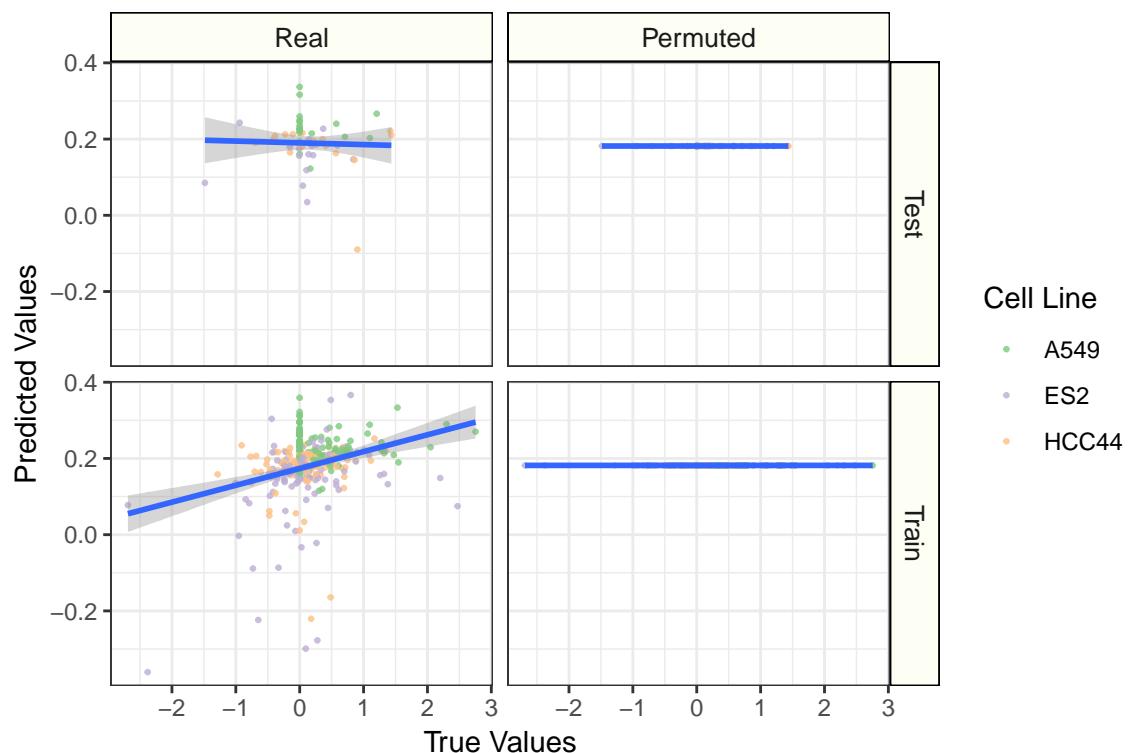


fit	shuffle	transform	r2	value
Train	Real	raw	0.55	0.31
Test	Real	raw	0.22	0.44
Train	Shuffle	raw	0.03	0.66
Test	Shuffle	raw	0.02	0.55

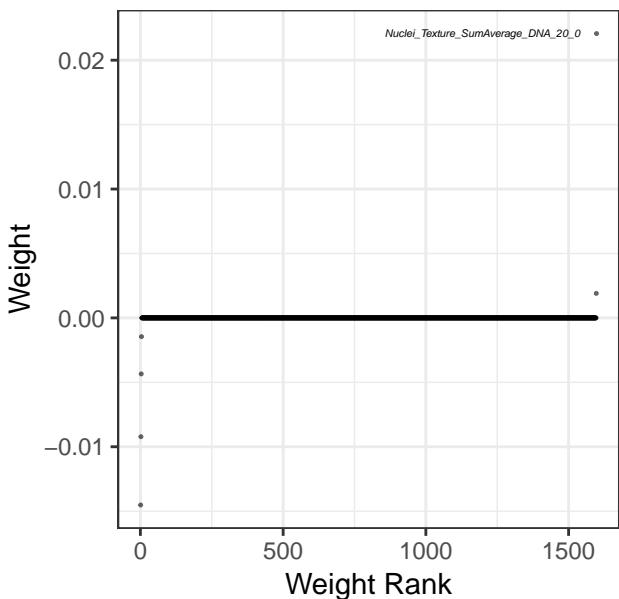


Performance: cc_mitosis_ph3_neg_n_spots_mean

Transform: raw

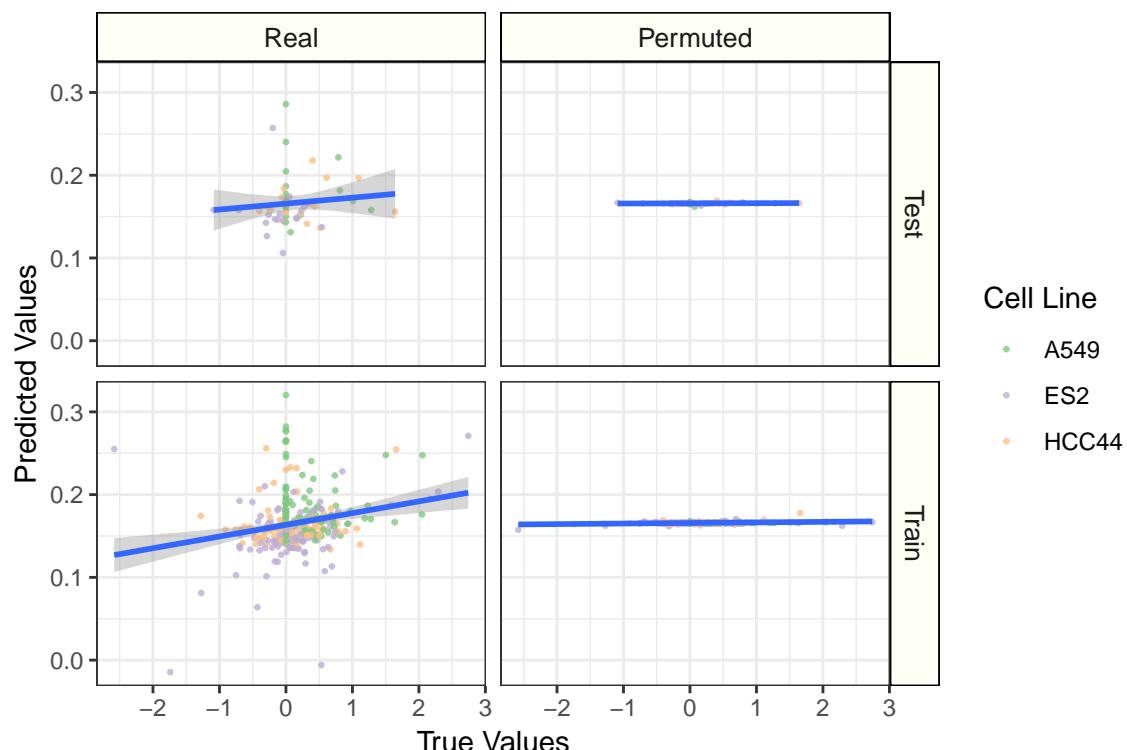


fit	shuffle	transform	r2	value
Train	Real	raw	0.07	0.32
Test	Real	raw	-0.03	0.26
Train	Shuffle	raw	0.00	0.34
Test	Shuffle	raw	0.00	0.26

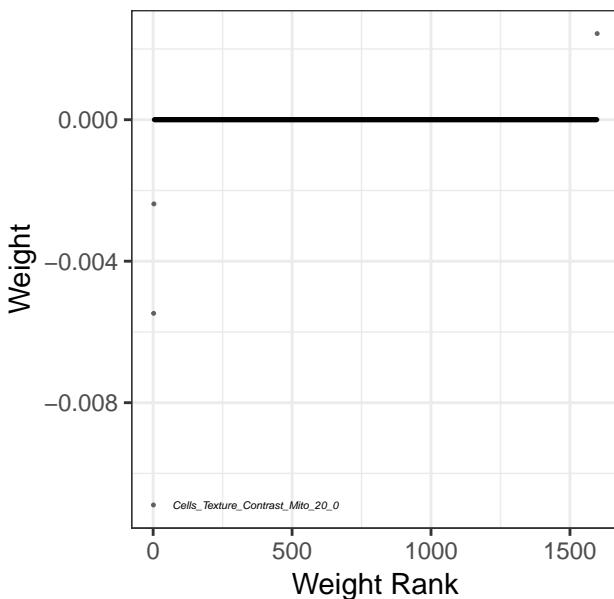


Performance: cc_mitosis_ph3_neg_n_spots_per_nucleus_area

Transform: raw

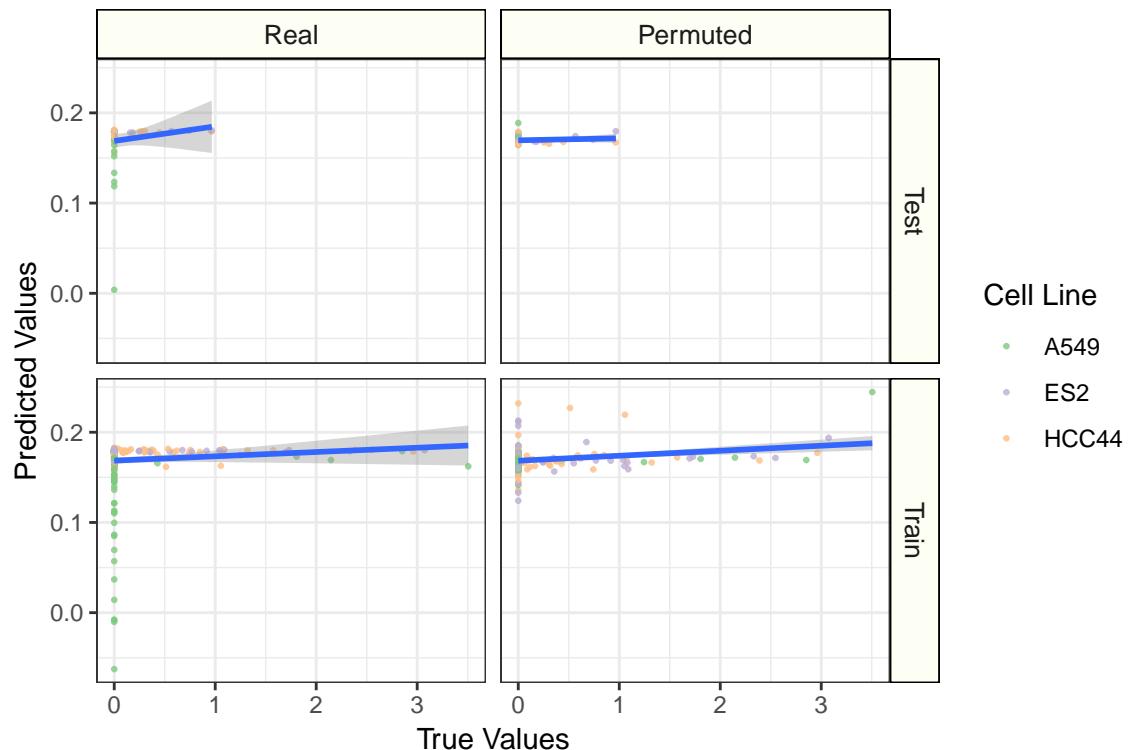


fit	shuffle	transform	r2	value
Train	Real	raw	0.02	0.28
Test	Real	raw	0.00	0.20
Train	Shuffle	raw	0.00	0.29
Test	Shuffle	raw	0.00	0.21

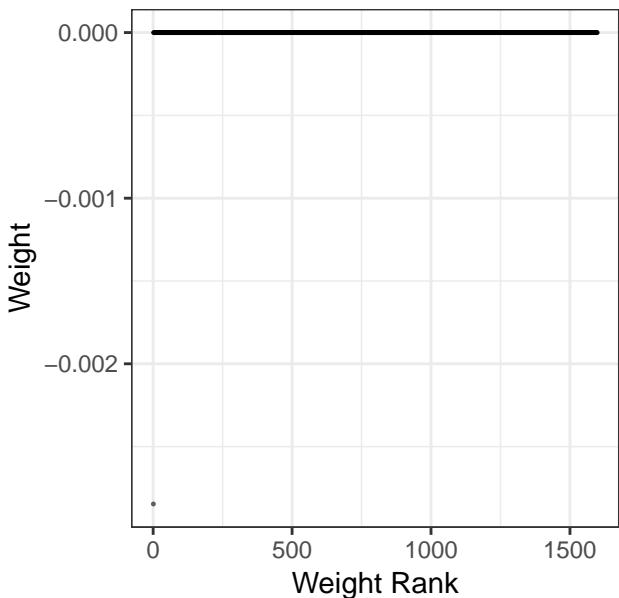


Performance: cc_mitosis_ph3_pos_high_n_spots_h2ax_mean

Transform: raw

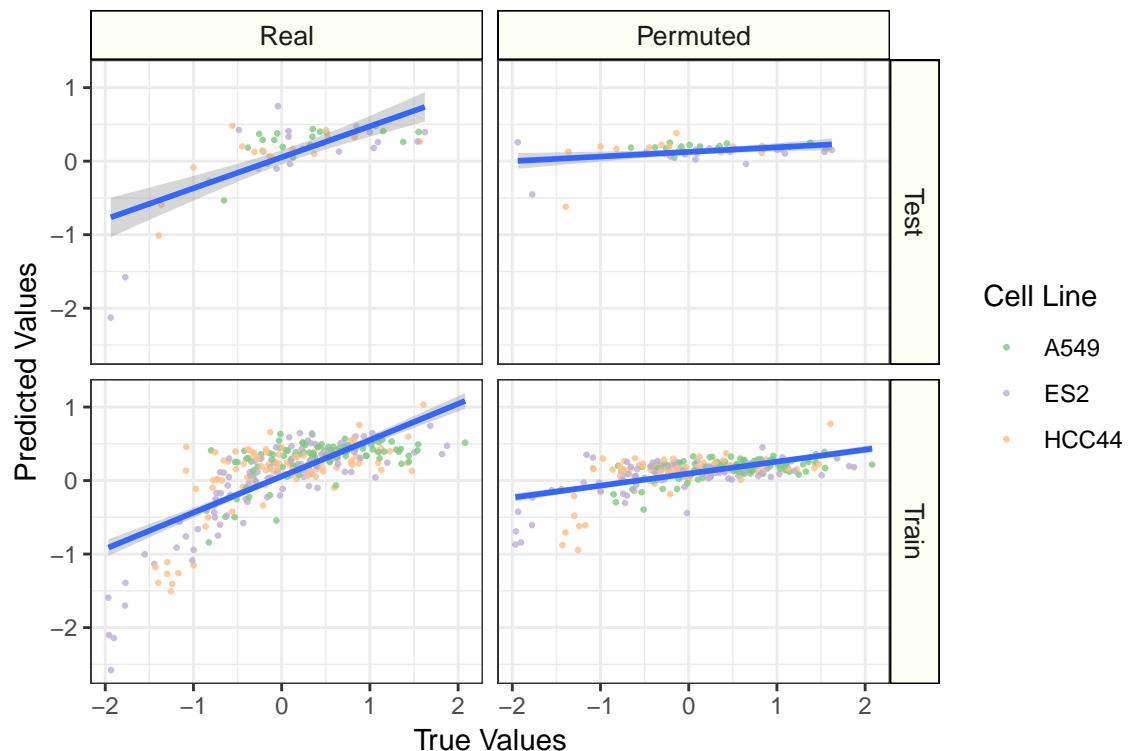


fit	shuffle	transform	r2	value
Train	Real	raw	0.01	0.27
Test	Real	raw	-0.11	0.06
Train	Shuffle	raw	0.01	0.26
Test	Shuffle	raw	-0.12	0.06

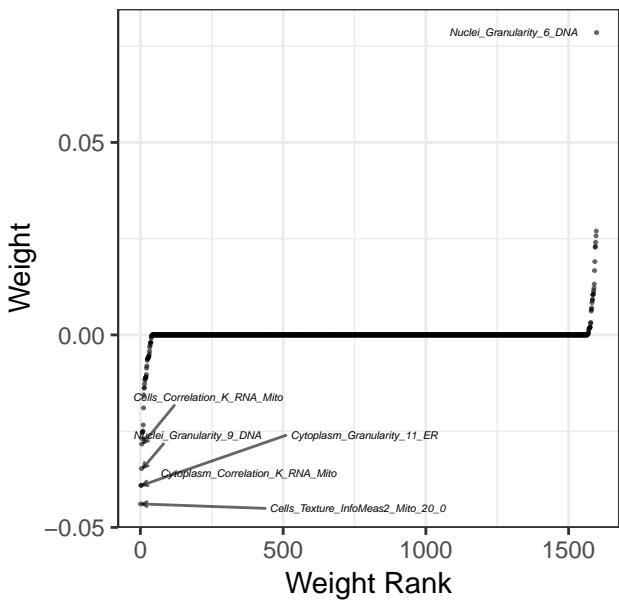


Performance: cc_mitosis_ph3_pos_n_objects

Transform: raw

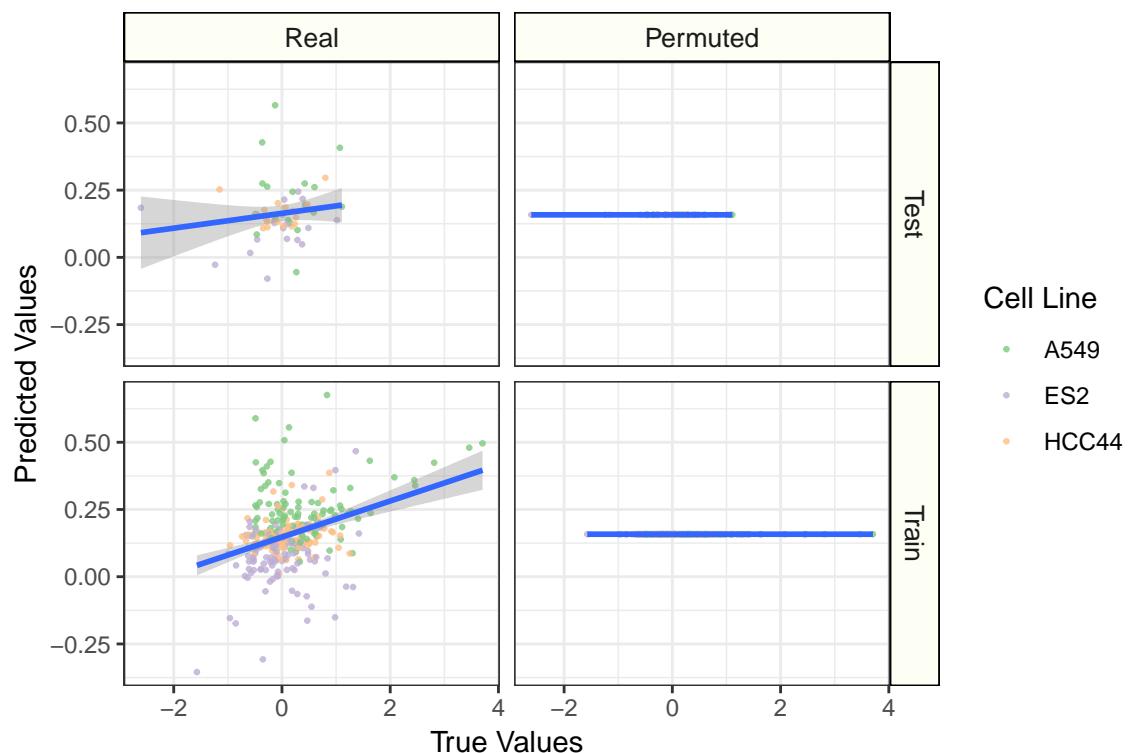


fit	shuffle	transform	r2	value
Train	Real	raw	0.54	0.25
Test	Real	raw	0.48	0.34
Train	Shuffle	raw	0.25	0.42
Test	Shuffle	raw	0.09	0.59

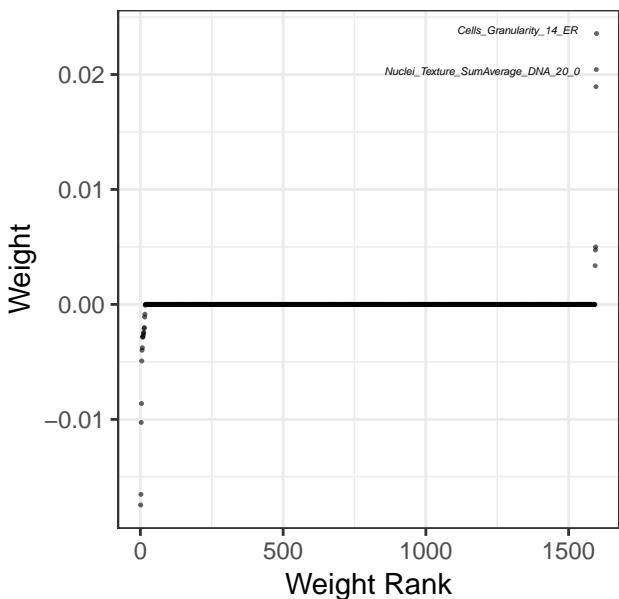


Performance: cc_mitosis_ph3_pos_n_spots_mean

Transform: raw

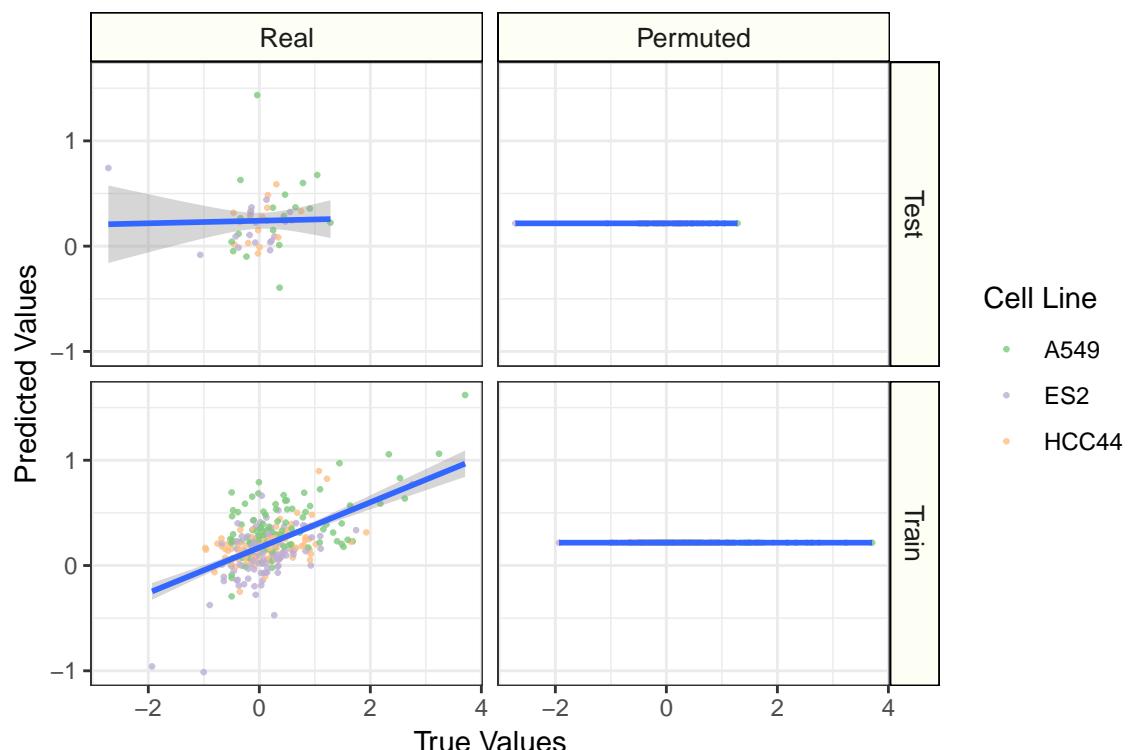


fit	shuffle	transform	r2	value
Train	Real	raw	0.10	0.37
Test	Real	raw	-0.07	0.37
Train	Shuffle	raw	0.00	0.41
Test	Shuffle	raw	-0.09	0.37

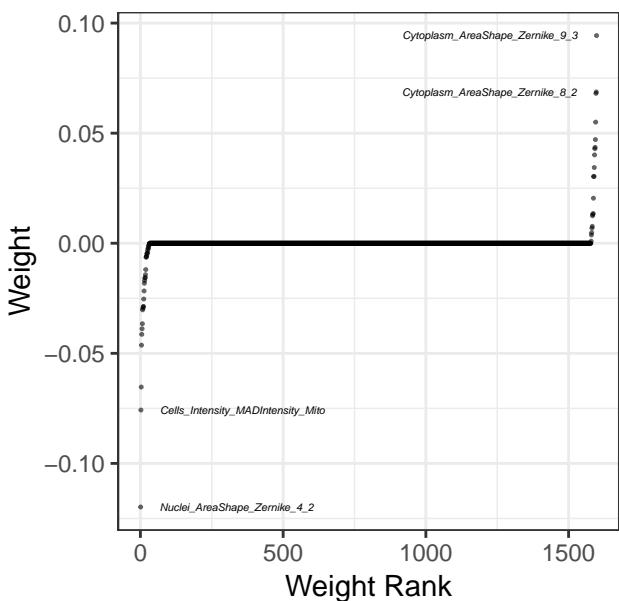


Performance: cc_mitosis_ph3_pos_n_spots_per_nucleus_area

Transform: raw

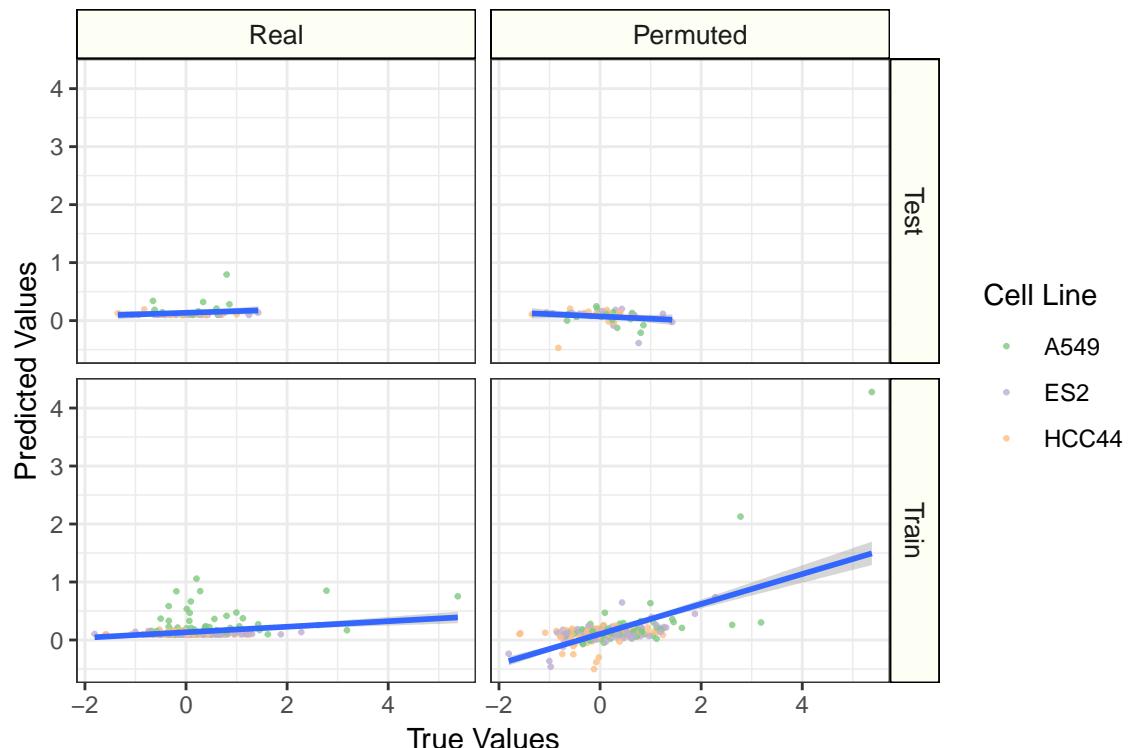


fit	shuffle	transform	r2	value
Train	Real	raw	0.29	0.32
Test	Real	raw	-0.32	0.44
Train	Shuffle	raw	0.00	0.45
Test	Shuffle	raw	-0.10	0.37

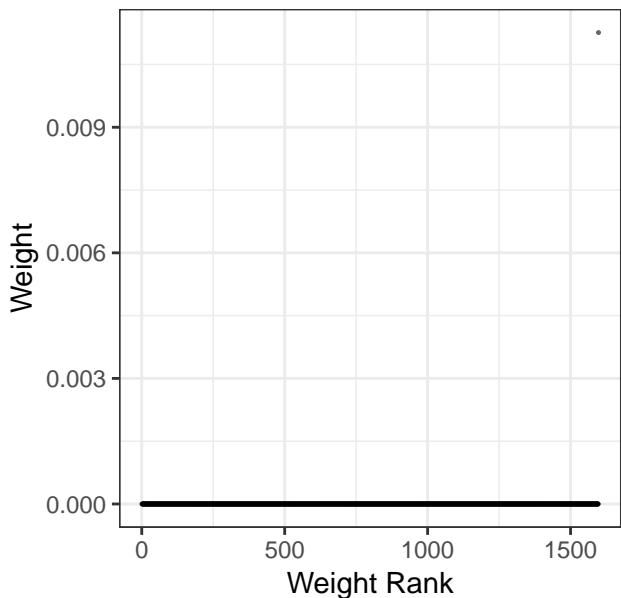


Performance: cc_polynuclear_high_n_spots_h2ax_mean

Transform: raw

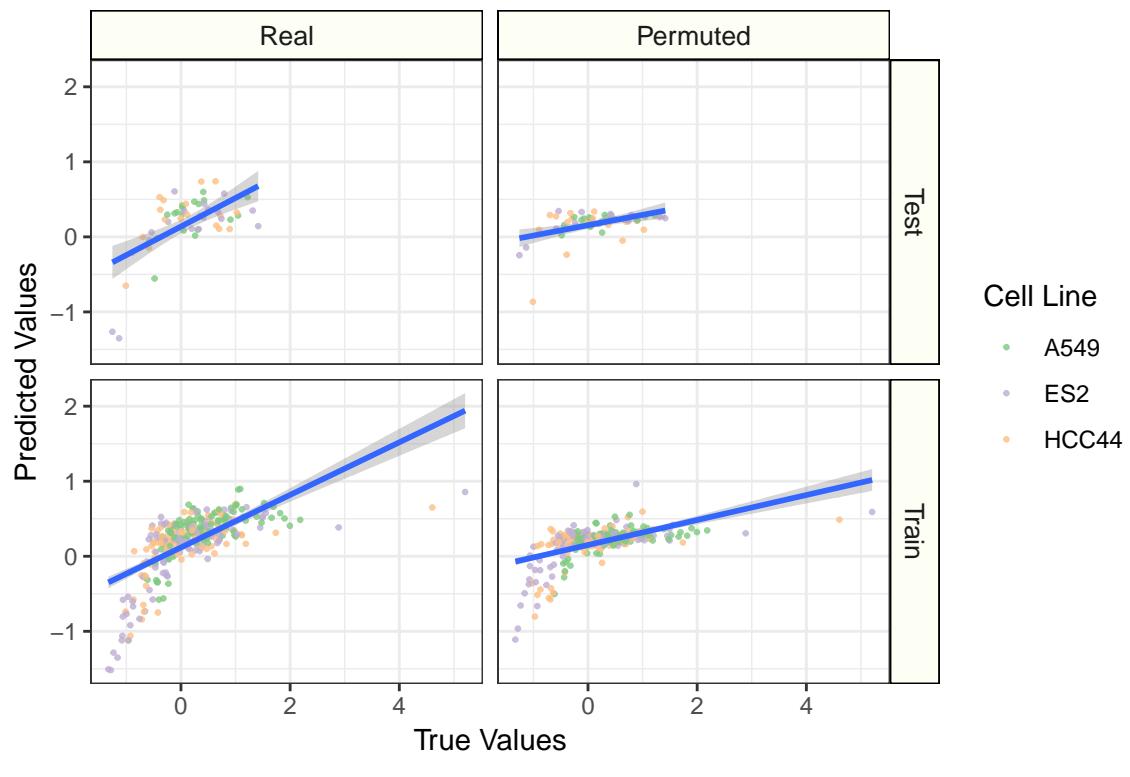


fit	shuffle	transform	r2	value
Train	Real	raw	0.06	0.44
Test	Real	raw	0.00	0.34
Train	Shuffle	raw	0.34	0.31
Test	Shuffle	raw	-0.13	0.39

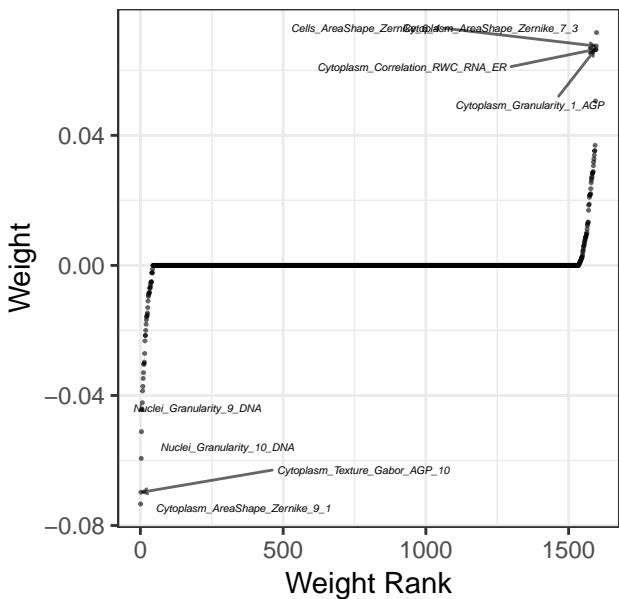


Performance: cc_polynuclear_n_objects

Transform: raw

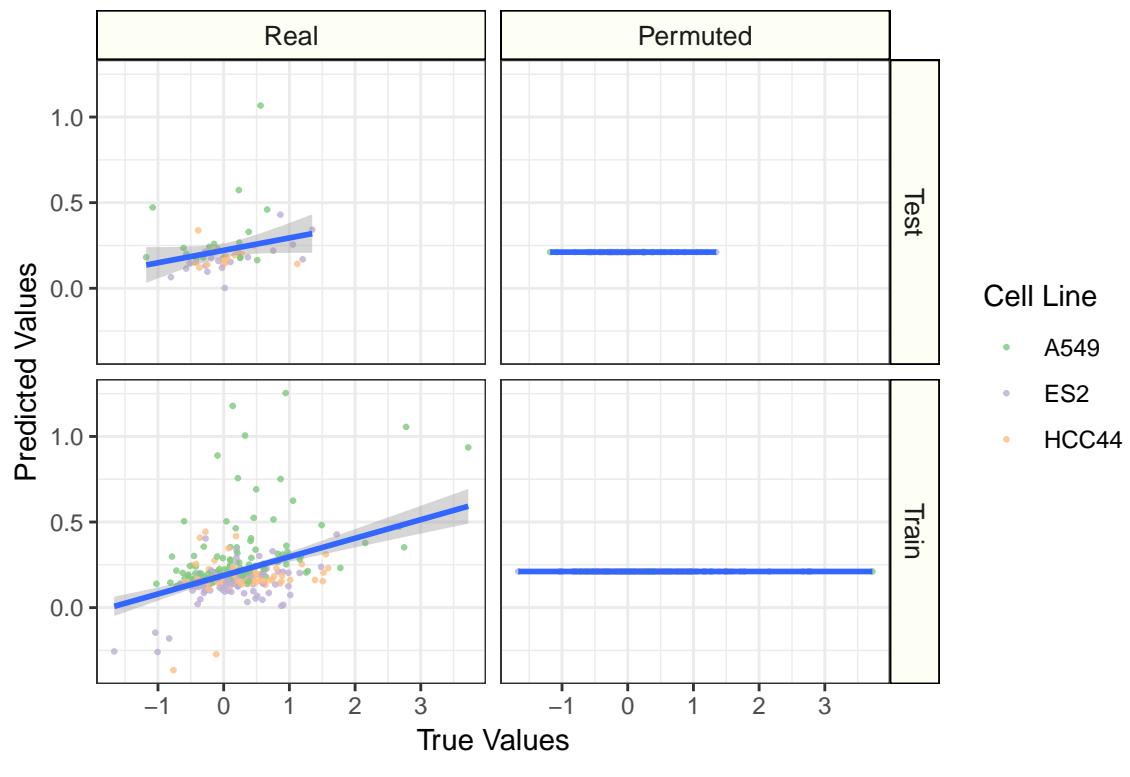


fit	shuffle	transform	r2	value
Train	Real	raw	0.41	0.34
Test	Real	raw	0.34	0.25
Train	Shuffle	raw	0.24	0.44
Test	Shuffle	raw	0.18	0.31

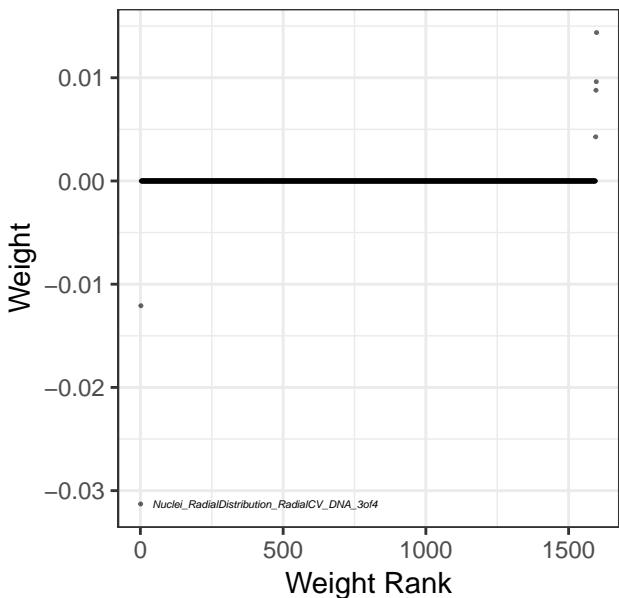


Performance: cc_polynuclear_n_spots_mean

Transform: raw

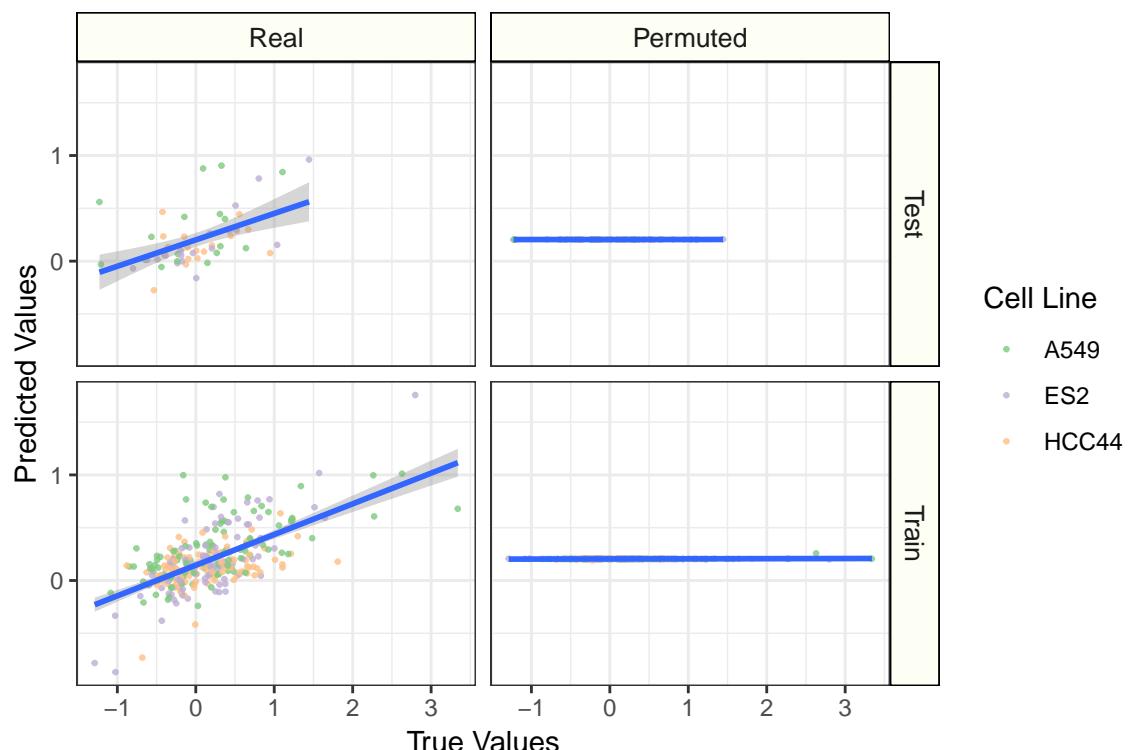


fit	shuffle	transform	r2	value
Train	Real	raw	0.14	0.33
Test	Real	raw	-0.08	0.29
Train	Shuffle	raw	0.00	0.39
Test	Shuffle	raw	-0.12	0.30

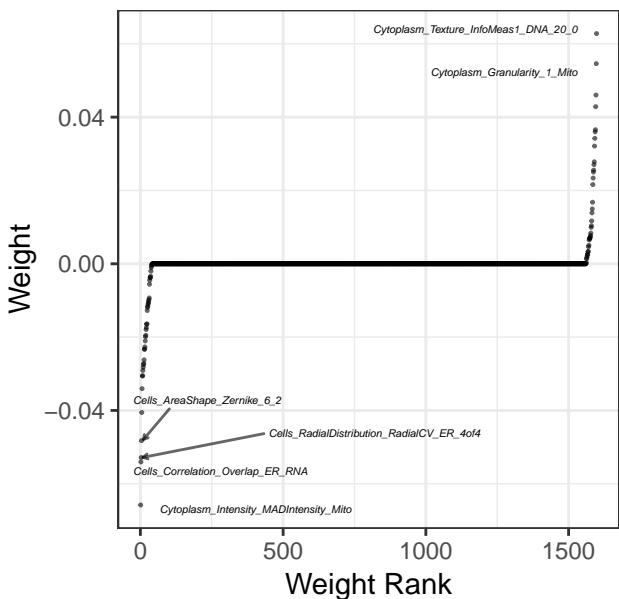


Performance: cc_polynuclear_n_spots_per_nucleus_area_mean

Transform: raw

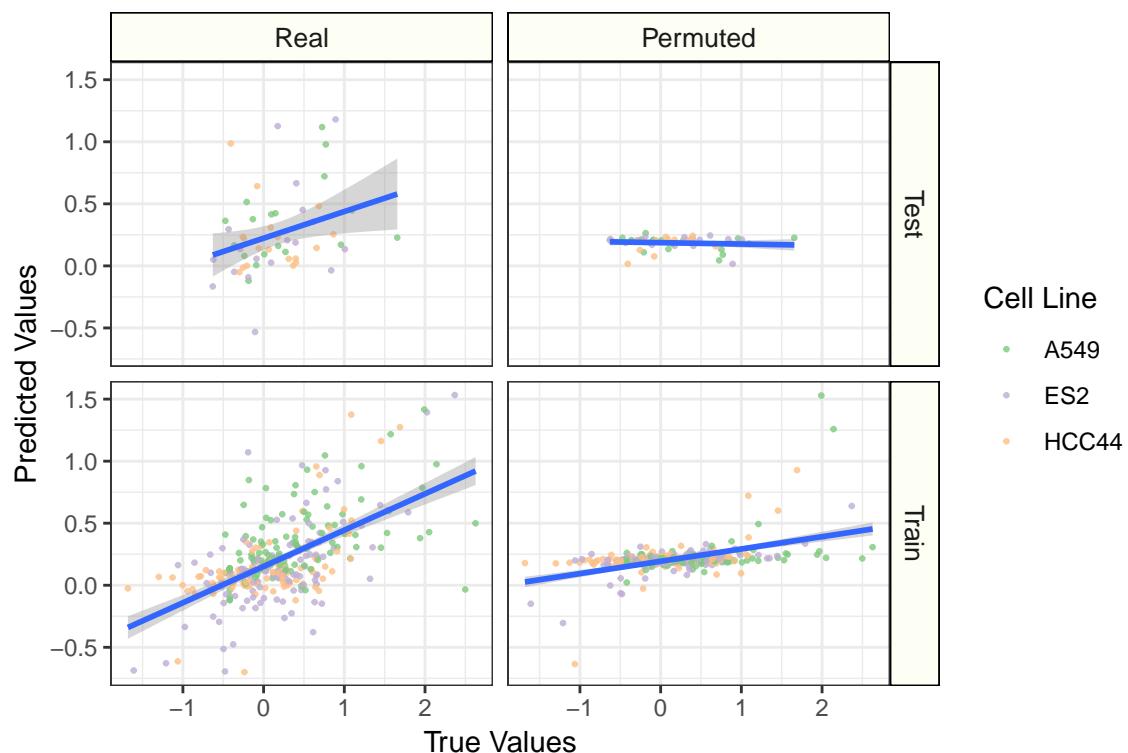


fit	shuffle	transform	r2	value
Train	Real	raw	0.36	0.23
Test	Real	raw	0.13	0.25
Train	Shuffle	raw	0.00	0.36
Test	Shuffle	raw	-0.11	0.32

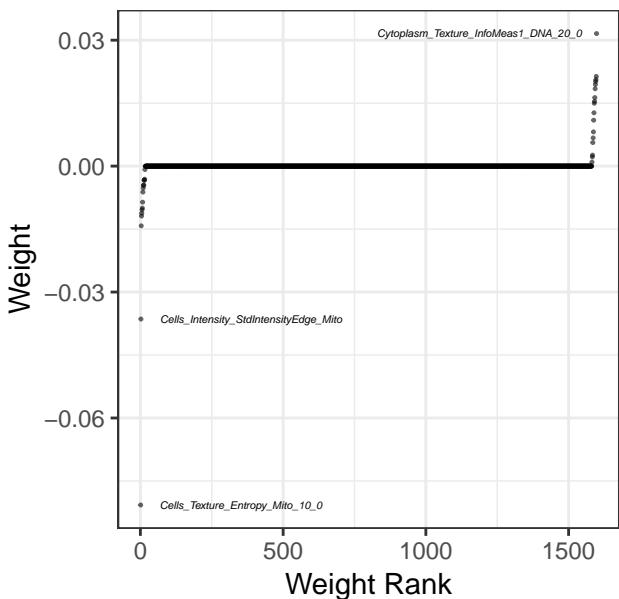


Performance: cc_polyplloid_high_n_spots_h2ax_mean

Transform: raw

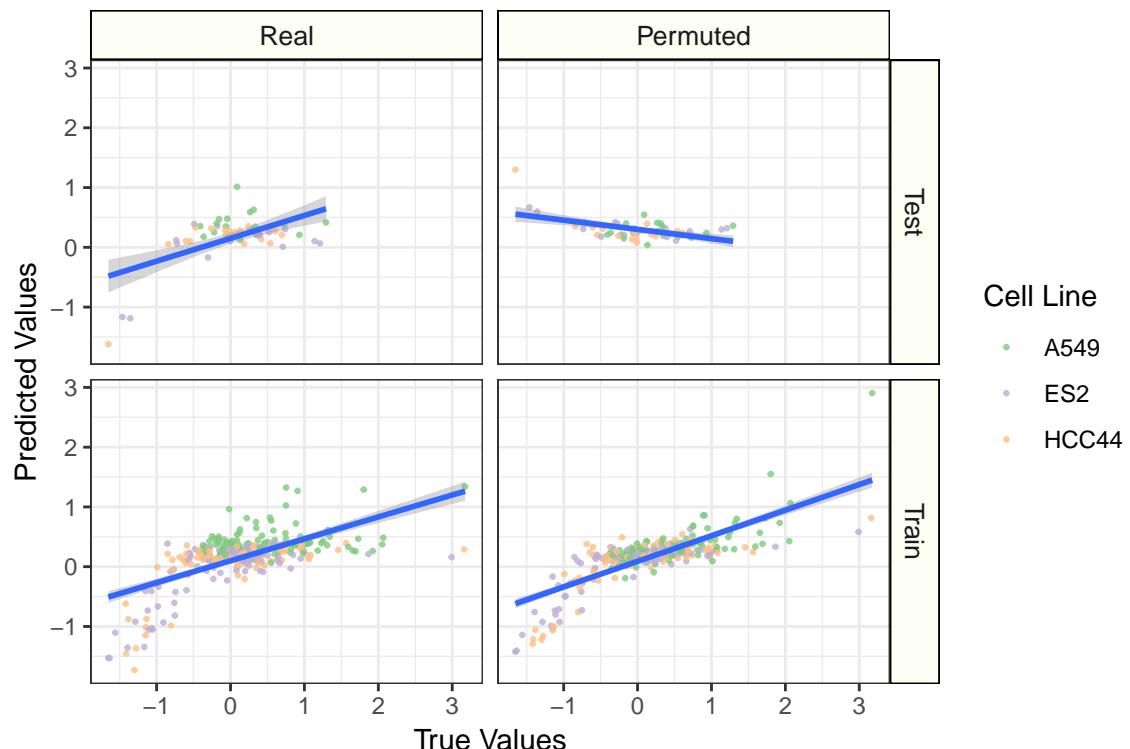


fit	shuffle	transform	r2	value
Train	Real	raw	0.34	0.30
Test	Real	raw	-0.08	0.26
Train	Shuffle	raw	0.15	0.38
Test	Shuffle	raw	-0.03	0.25

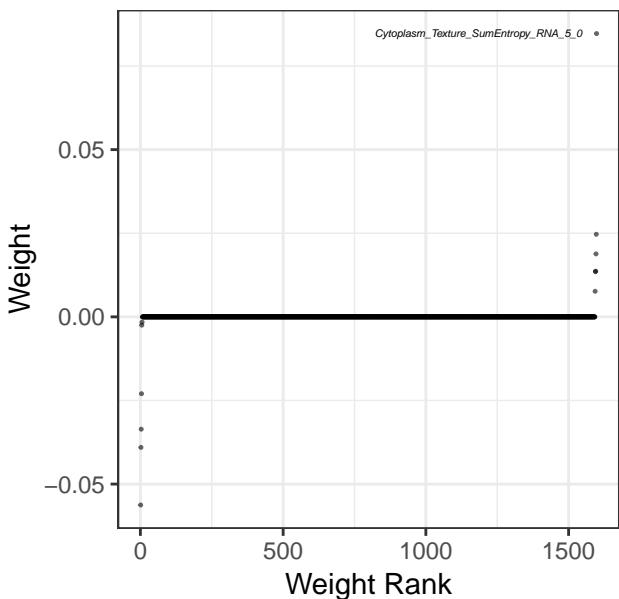


Performance: cc_polyplloid_n_objects

Transform: raw

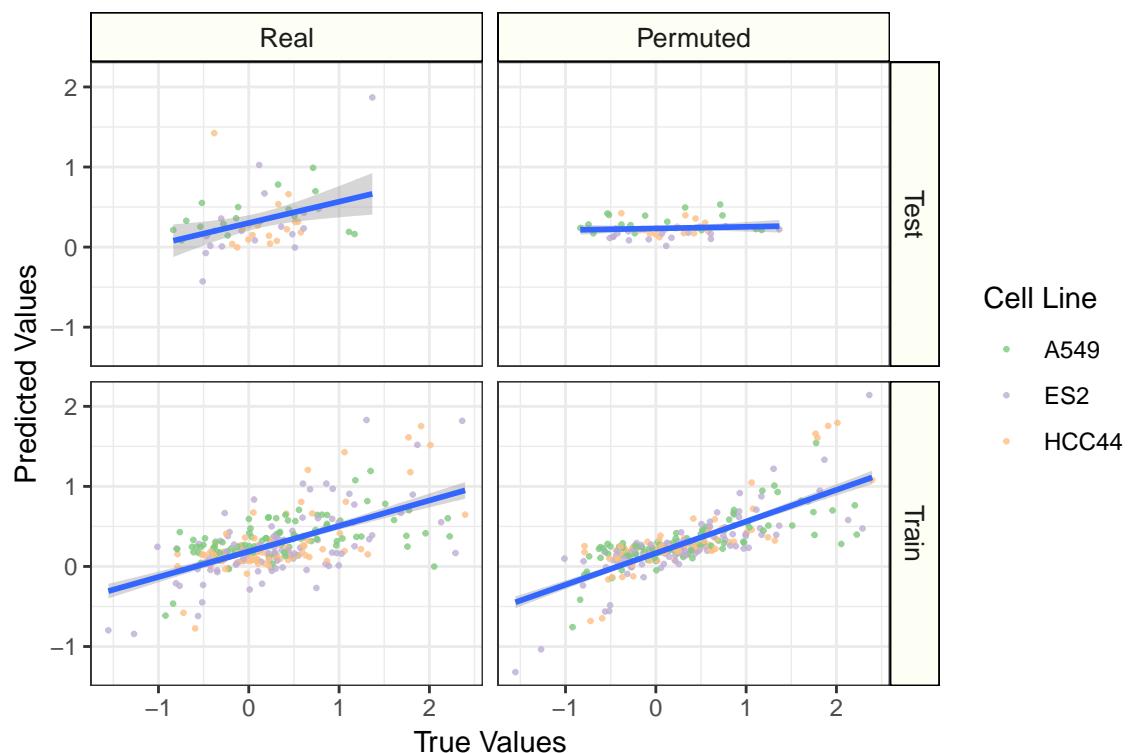


fit	shuffle	transform	r2	value
Train	Real	raw	0.40	0.33
Test	Real	raw	0.28	0.27
Train	Shuffle	raw	0.55	0.25
Test	Shuffle	raw	-0.56	0.58

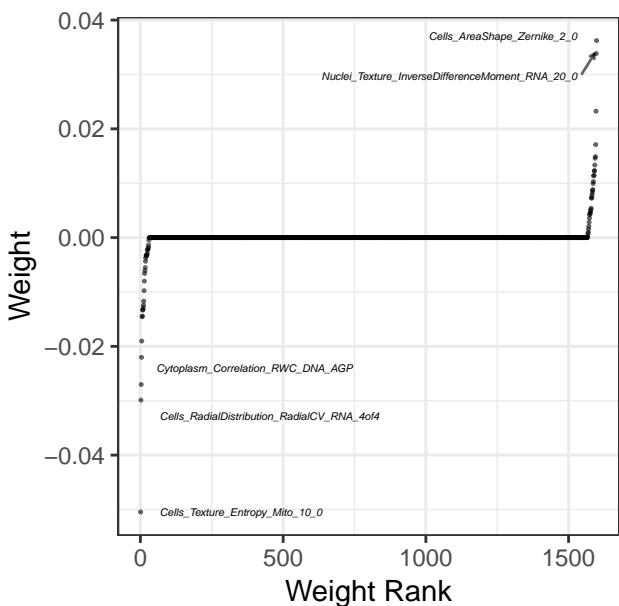


Performance: cc_polyplloid_n_spots_mean

Transform: raw

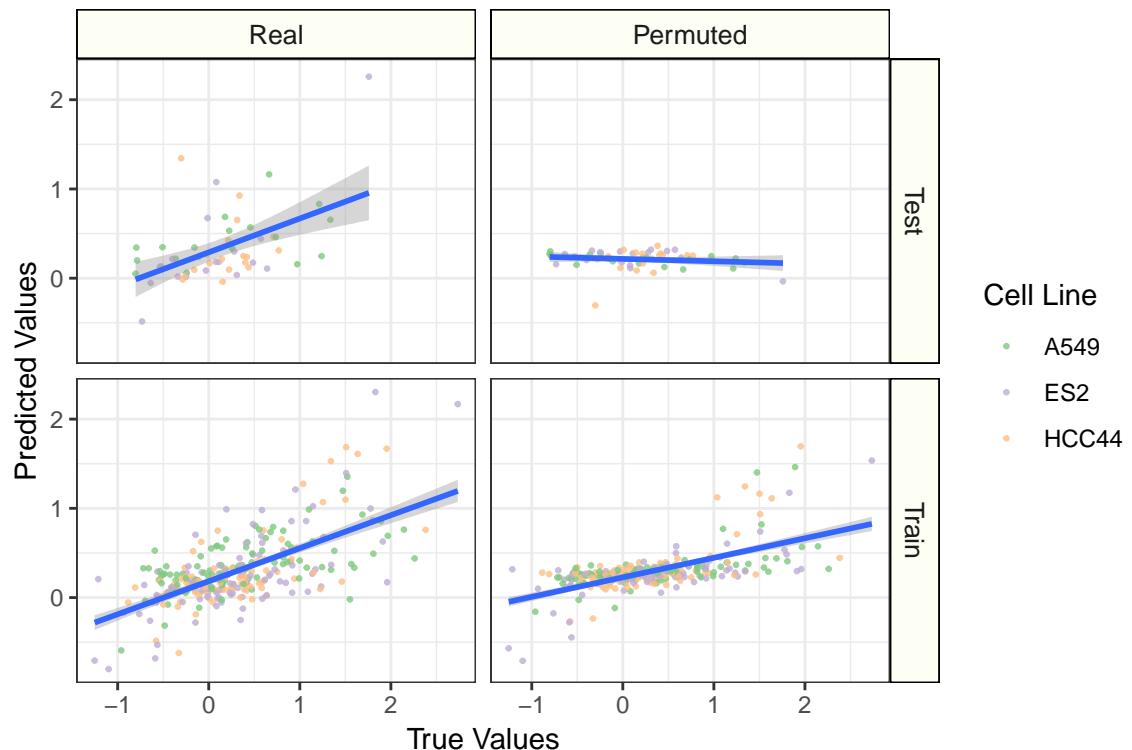


fit	shuffle	transform	r2	value
Train	Real	raw	0.37	0.30
Test	Real	raw	-0.22	0.30
Train	Shuffle	raw	0.52	0.22
Test	Shuffle	raw	-0.07	0.26

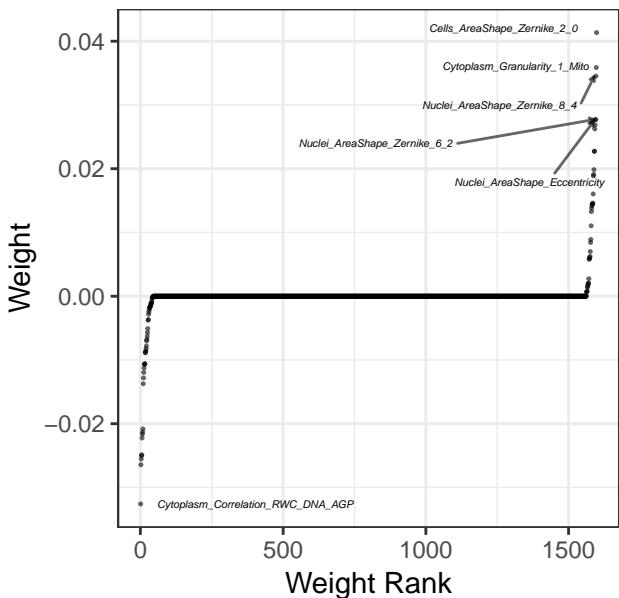


Performance: cc_polyplloid_n_spots_per_nucleus_area_mean

Transform: raw

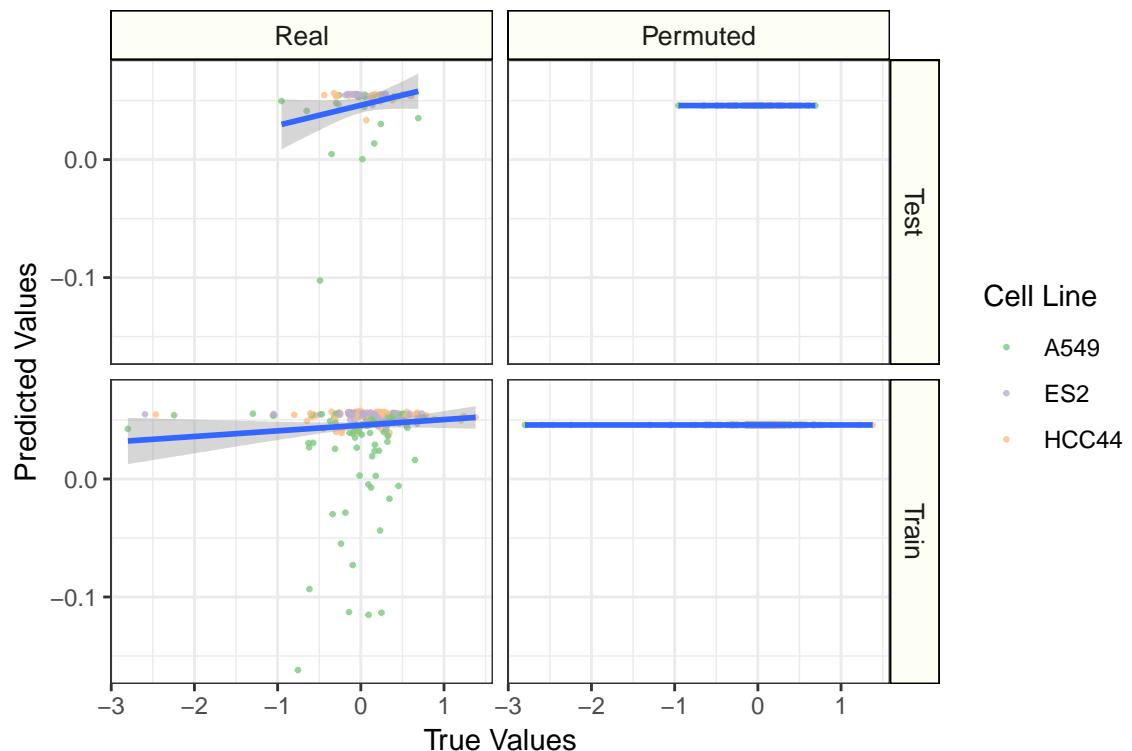


fit	shuffle	transform	r2	value
Train	Real	raw	0.42	0.27
Test	Real	raw	0.07	0.29
Train	Shuffle	raw	0.31	0.31
Test	Shuffle	raw	-0.10	0.34

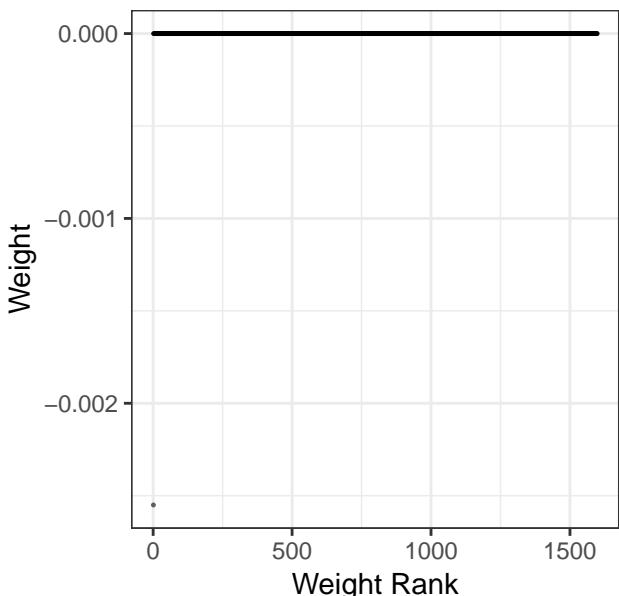


Performance: vb_infection_percentage

Transform: raw

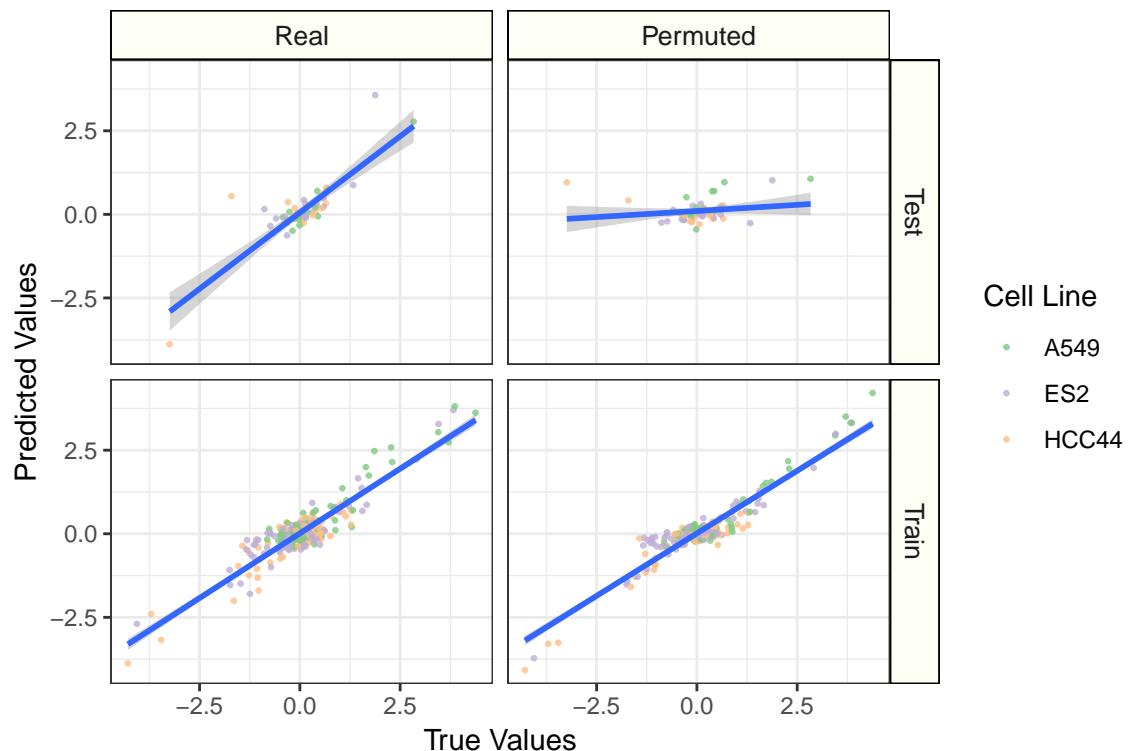


fit	shuffle	transform	r2	value
Train	Real	raw	0.01	0.2
Test	Real	raw	0.03	0.1
Train	Shuffle	raw	0.00	0.2
Test	Shuffle	raw	0.00	0.1

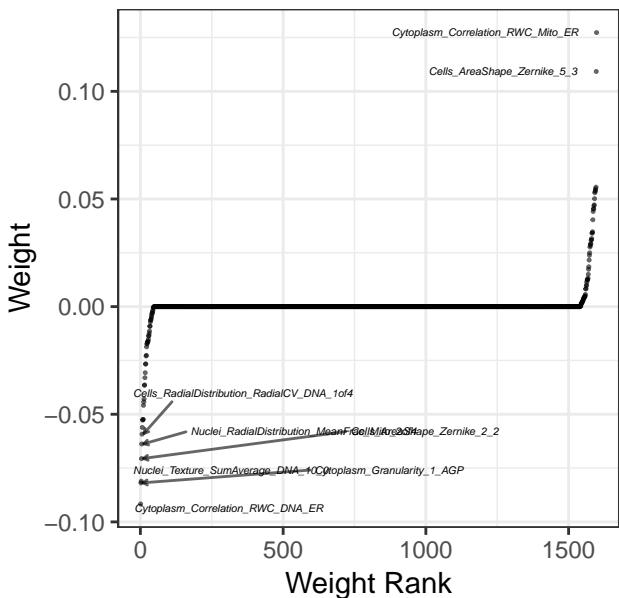


Performance: vb_live_cell_area

Transform: raw

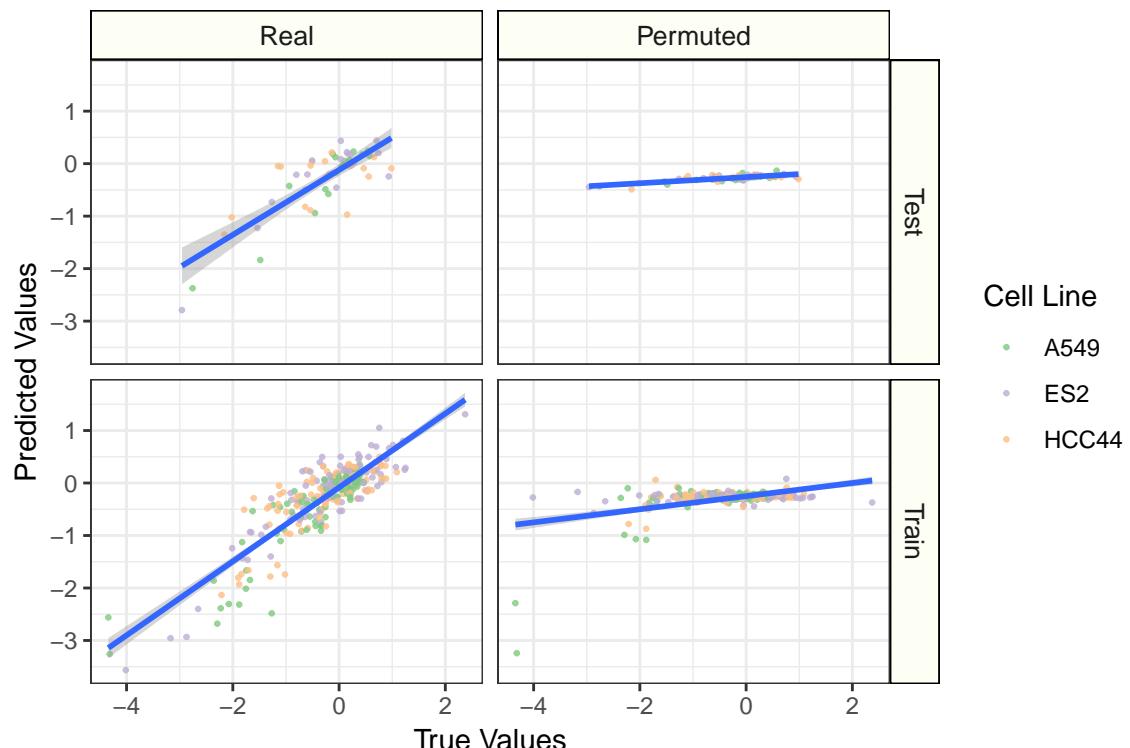


fit	shuffle	transform	r2	value
Train	Real	raw	0.83	0.15
Test	Real	raw	0.62	0.24
Train	Shuffle	raw	0.85	0.13
Test	Shuffle	raw	-0.04	0.65

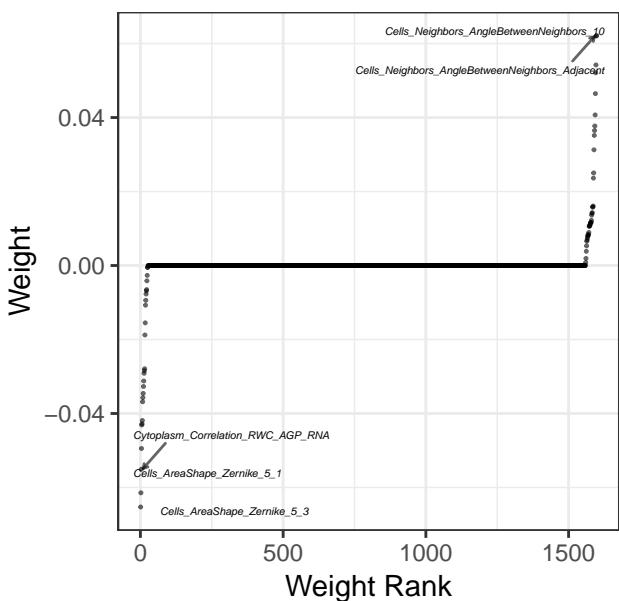


Performance: vb_live_cell_roundness

Transform: raw

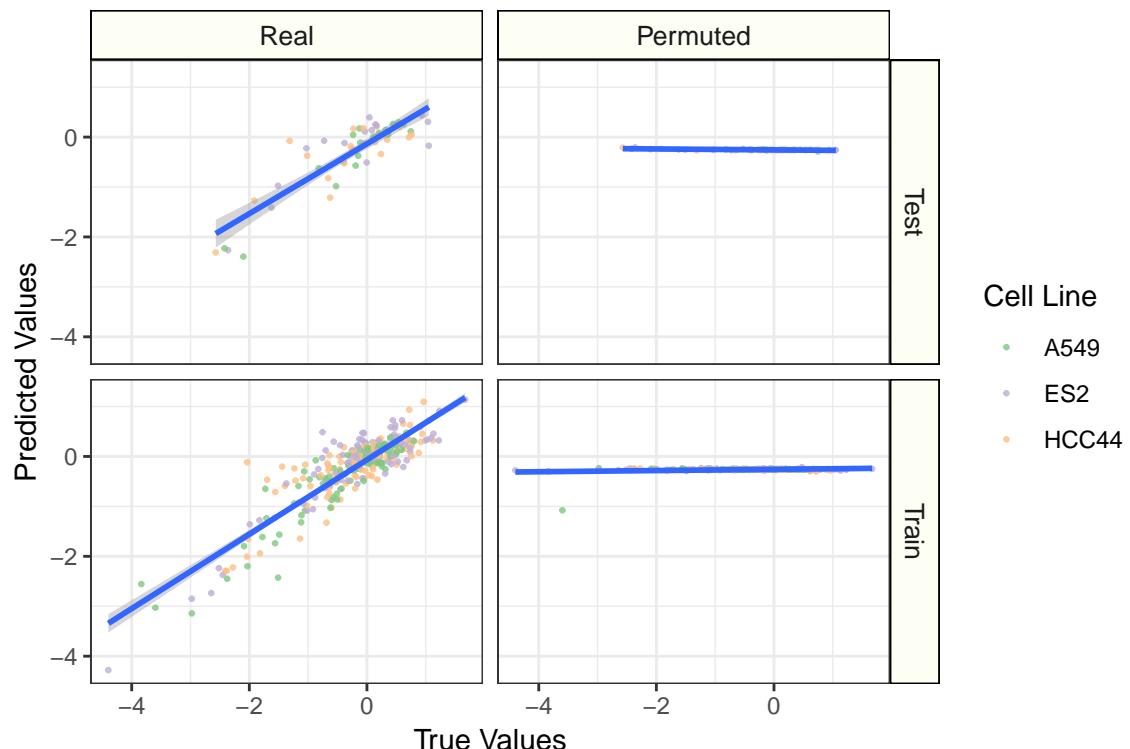


fit	shuffle	transform	r2	value
Train	Real	raw	0.75	0.19
Test	Real	raw	0.65	0.25
Train	Shuffle	raw	0.18	0.62
Test	Shuffle	raw	0.11	0.64

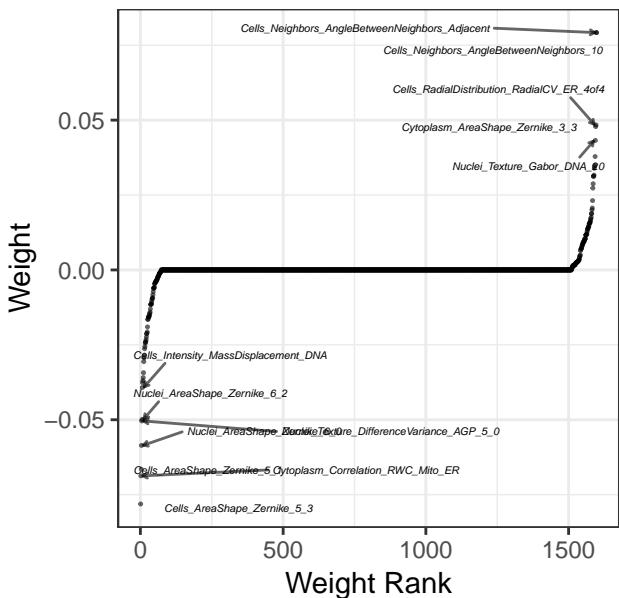


Performance: vb_live_cell_width_length

Transform: raw

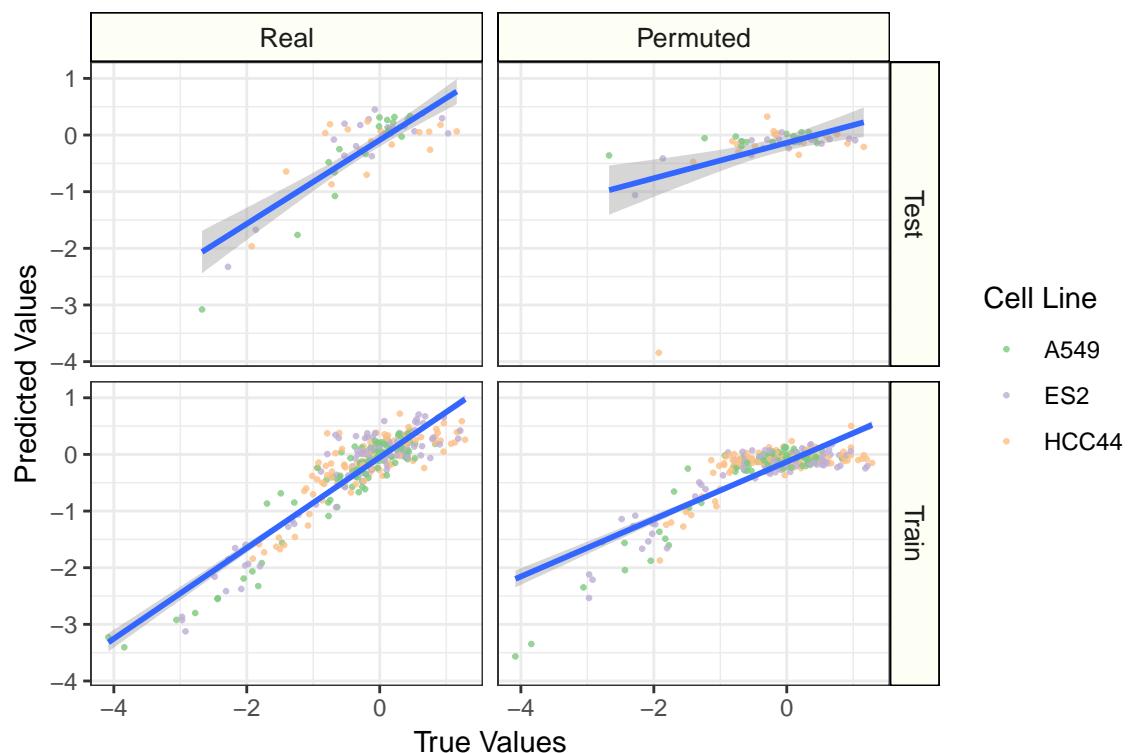


fit	shuffle	transform	r2	value
Train	Real	raw	0.79	0.16
Test	Real	raw	0.74	0.19
Train	Shuffle	raw	0.02	0.75
Test	Shuffle	raw	-0.02	0.77

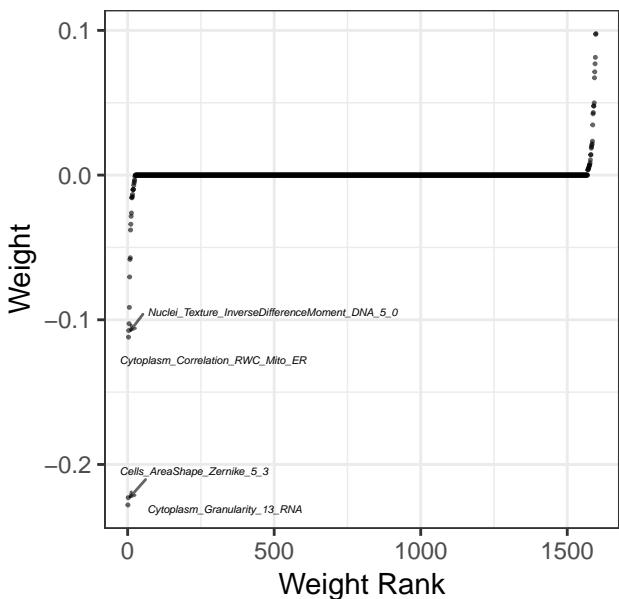


Performance: vb_num_live_cells

Transform: raw

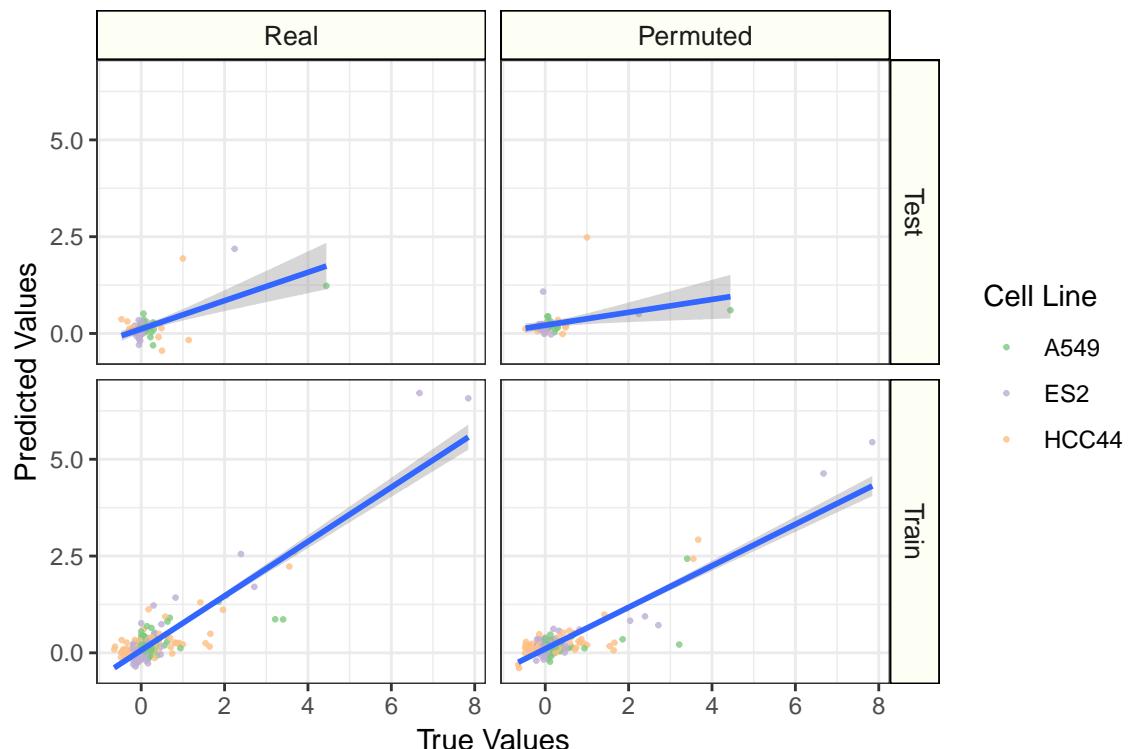


fit	shuffle	transform	r2	value
Train	Real	raw	0.83	0.13
Test	Real	raw	0.66	0.21
Train	Shuffle	raw	0.64	0.27
Test	Shuffle	raw	0.17	0.52

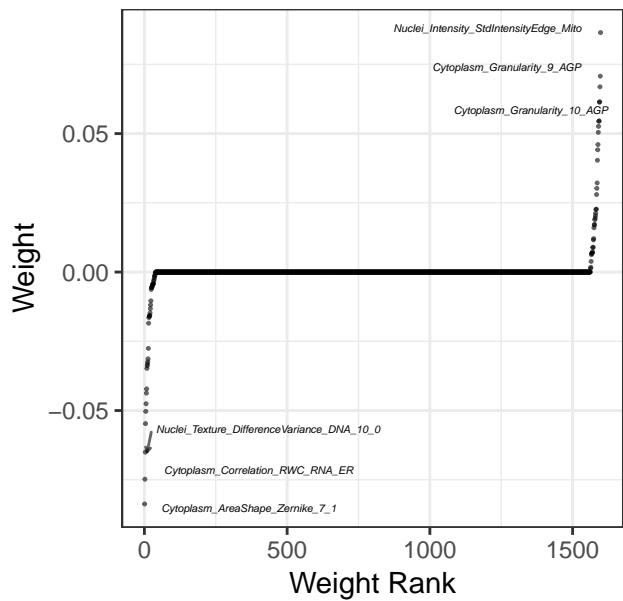


Performance: vb_percent_all_apoptosis

Transform: raw

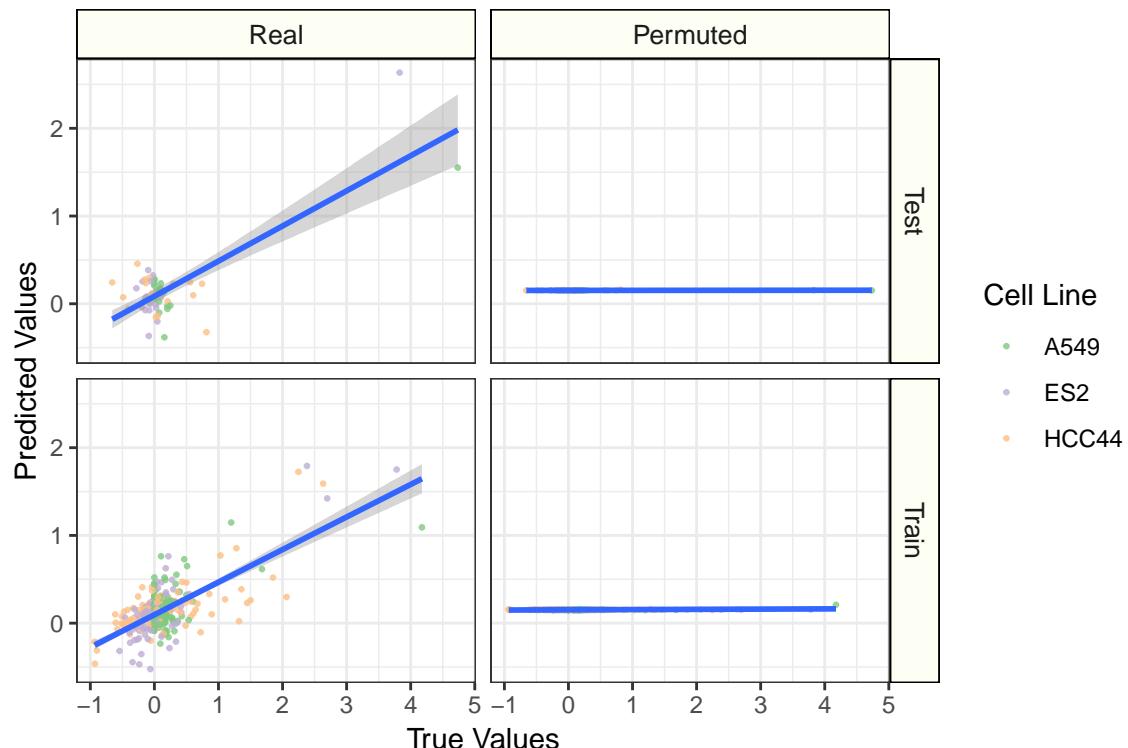


fit	shuffle	transform	r2	value
Train	Real	raw	0.77	0.15
Test	Real	raw	0.35	0.33
Train	Shuffle	raw	0.70	0.19
Test	Shuffle	raw	0.08	0.46

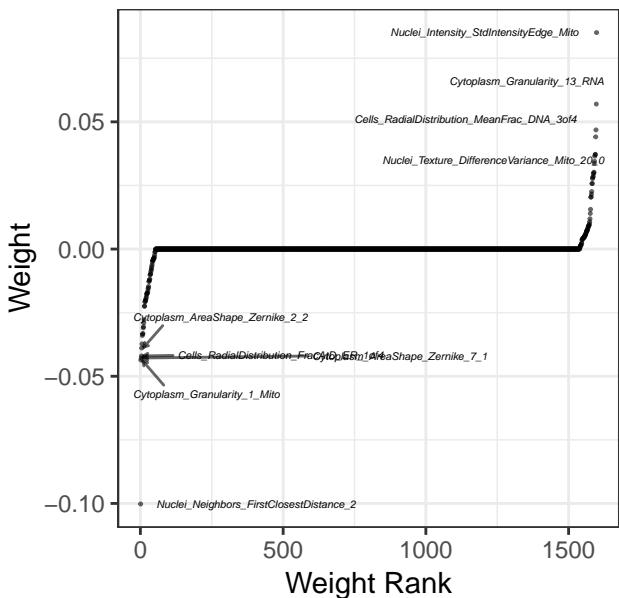


Performance: vb_percent_all_early_apoptosis

Transform: raw

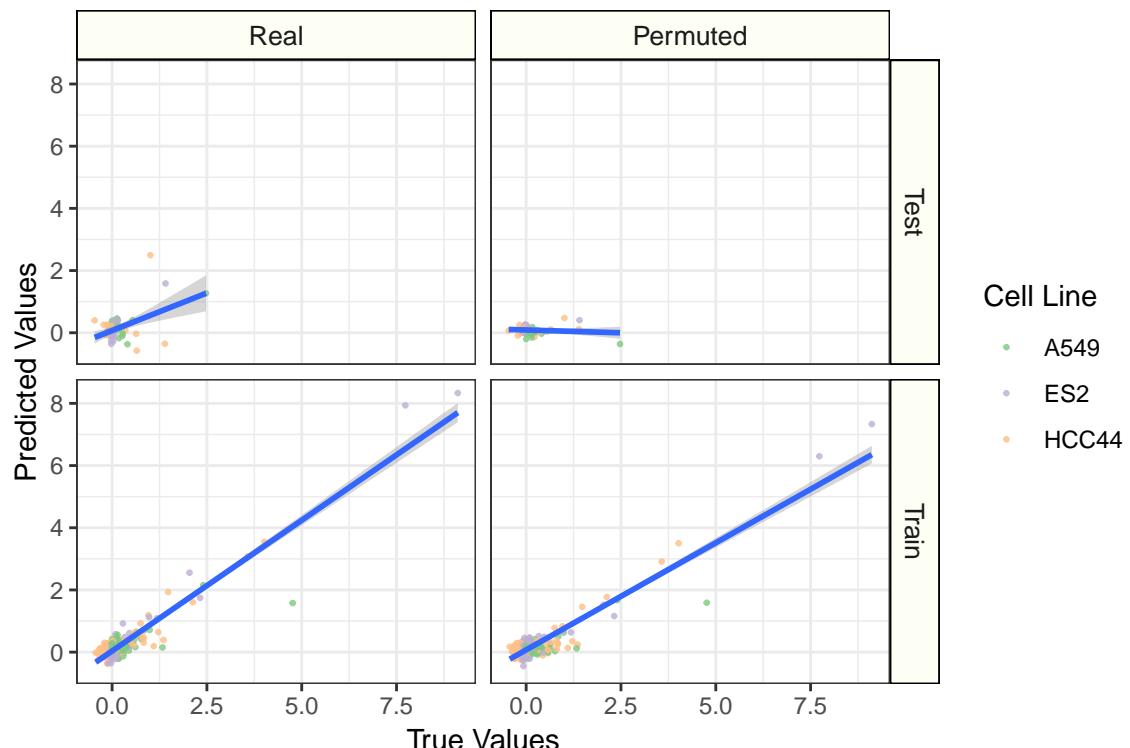


fit	shuffle	transform	r2	value
Train	Real	raw	0.47	0.17
Test	Real	raw	0.54	0.33
Train	Shuffle	raw	0.01	0.31
Test	Shuffle	raw	0.00	0.72

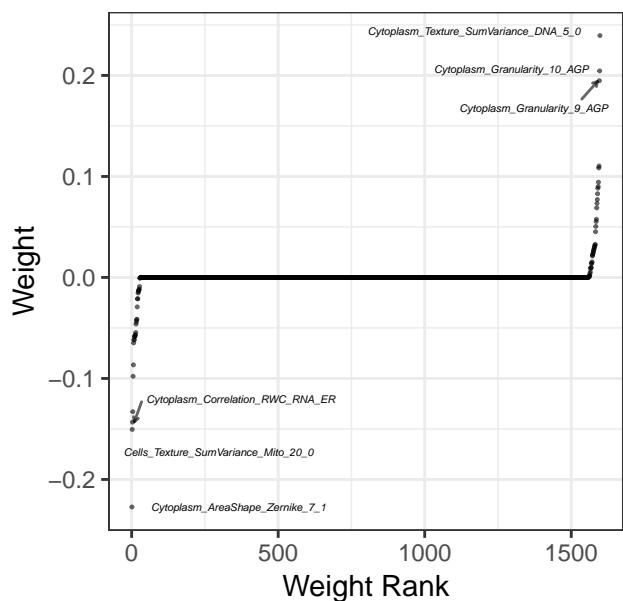


Performance: vb_percent_all_late_apoptosis

Transform: raw

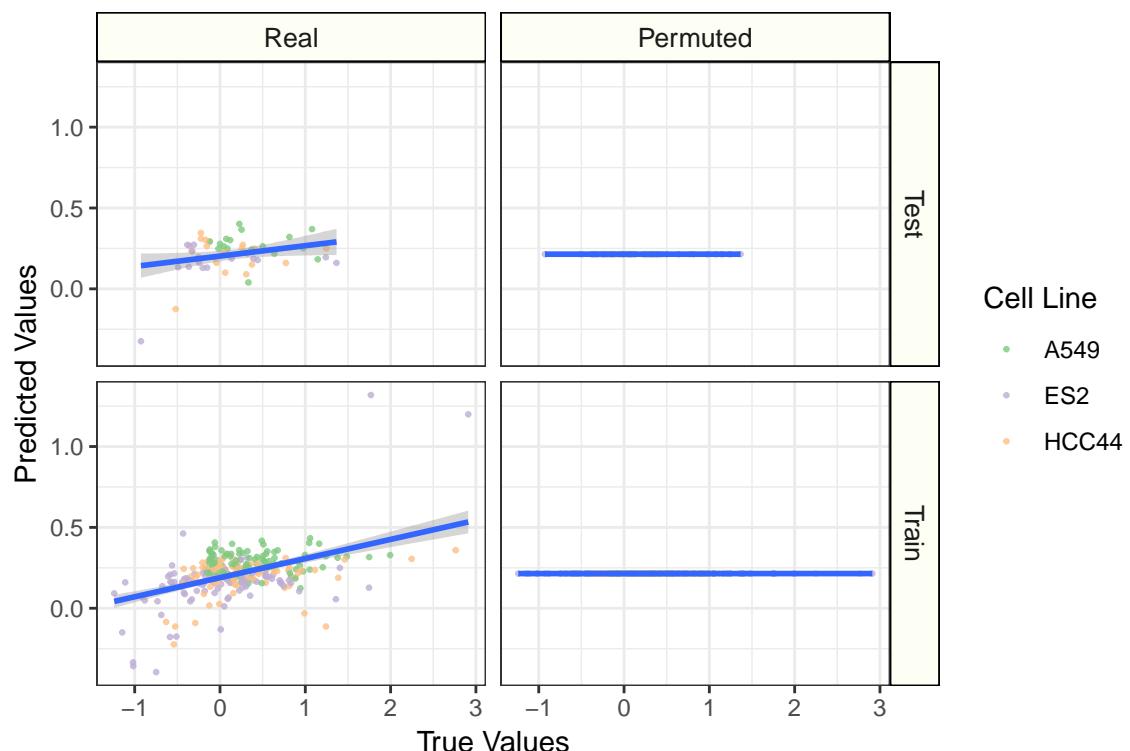


fit	shuffle	transform	r2	value
Train	Real	raw	0.88	0.09
Test	Real	raw	-0.05	0.23
Train	Shuffle	raw	0.82	0.13
Test	Shuffle	raw	-0.20	0.26

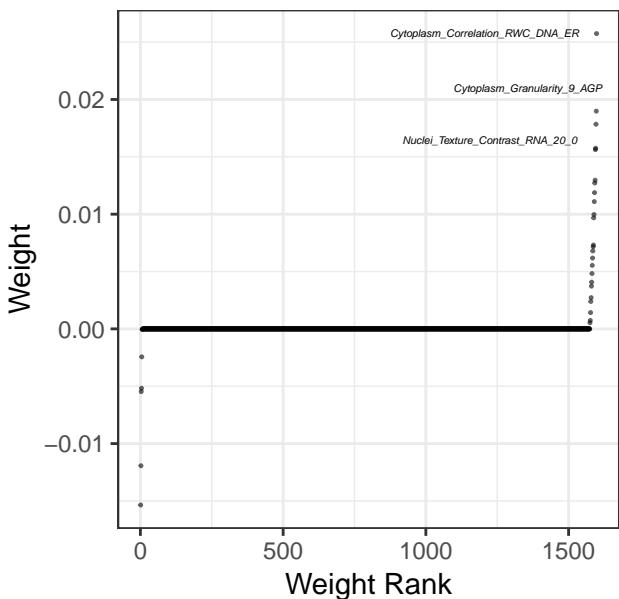


Performance: vb_percent_caspase_dead_only

Transform: raw

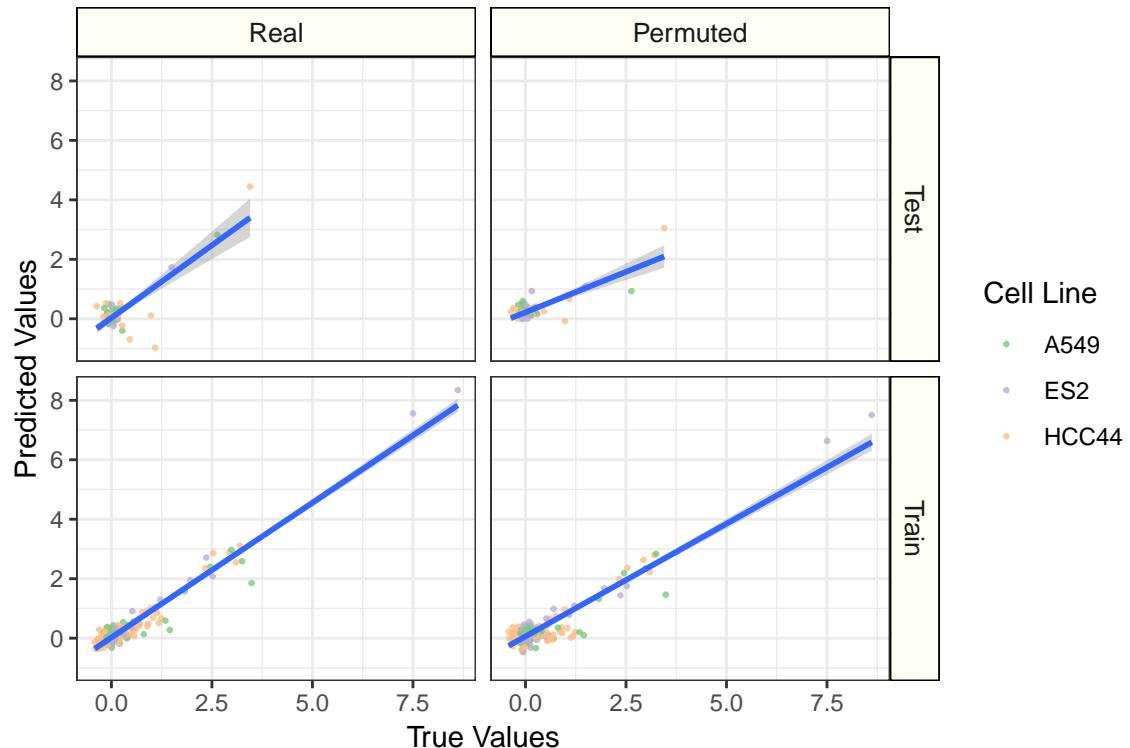


fit	shuffle	transform	r2	value
Train	Real	raw	0.17	0.27
Test	Real	raw	0.06	0.22
Train	Shuffle	raw	0.00	0.32
Test	Shuffle	raw	-0.01	0.24

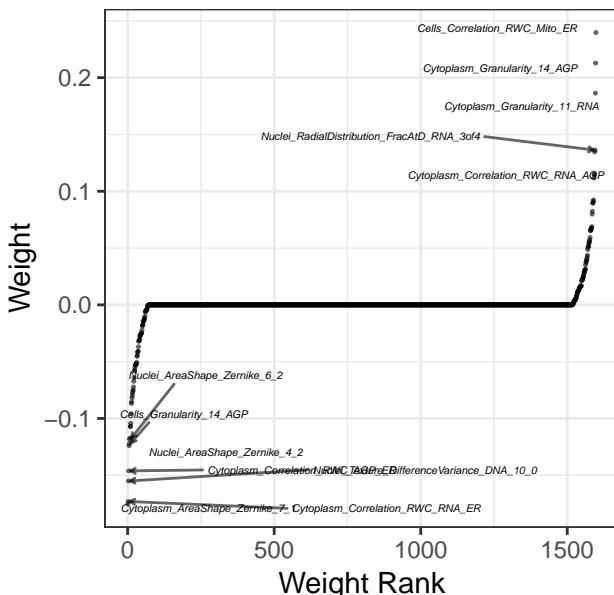


Performance: vb_percent_dead

Transform: raw

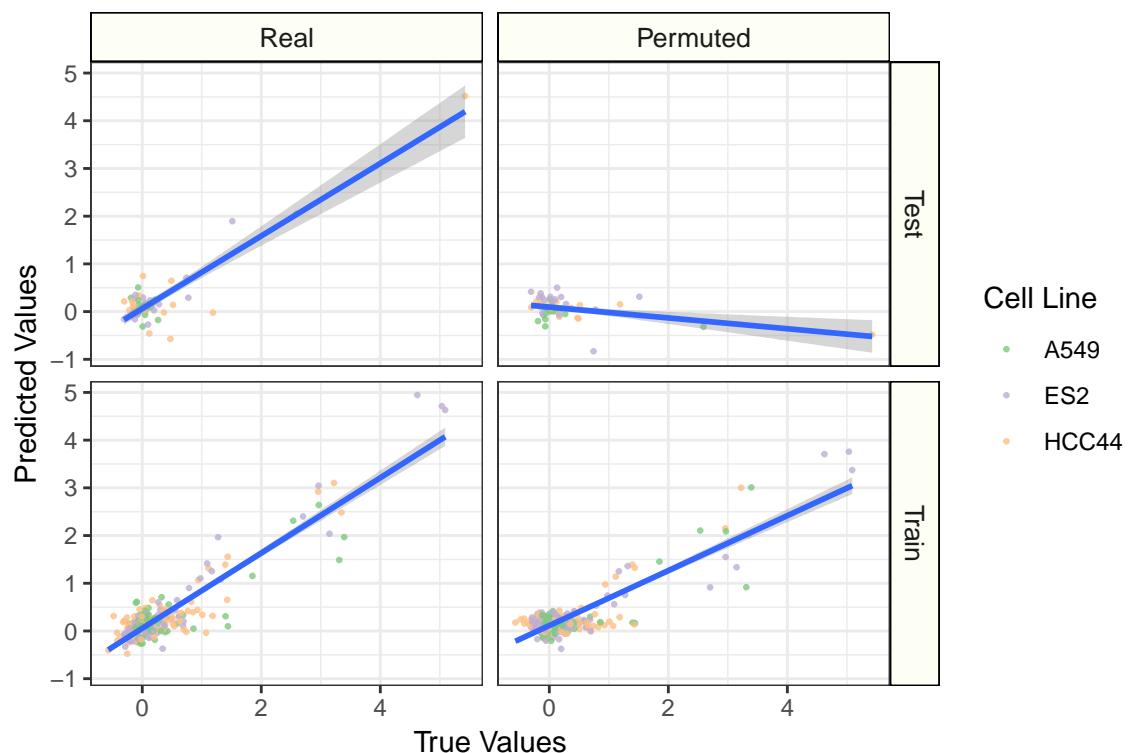


fit	shuffle	transform	r2	value
Train	Real	raw	0.93	0.05
Test	Real	raw	0.51	0.20
Train	Shuffle	raw	0.85	0.11
Test	Shuffle	raw	0.58	0.17

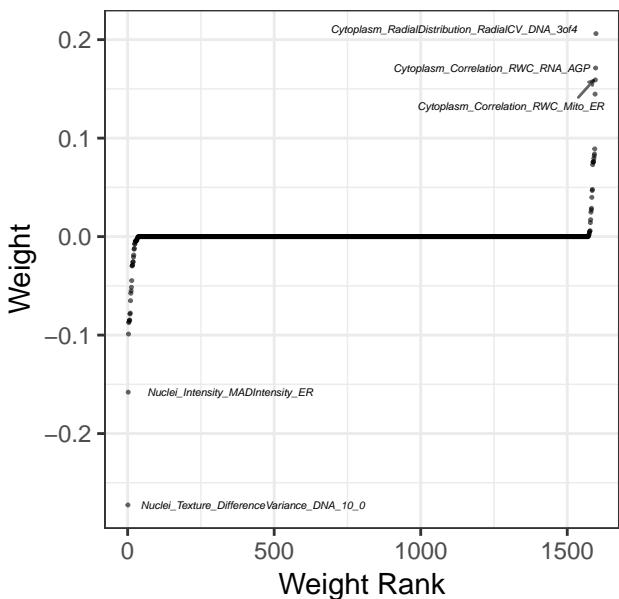


Performance: vb_percent_dead_only

Transform: raw

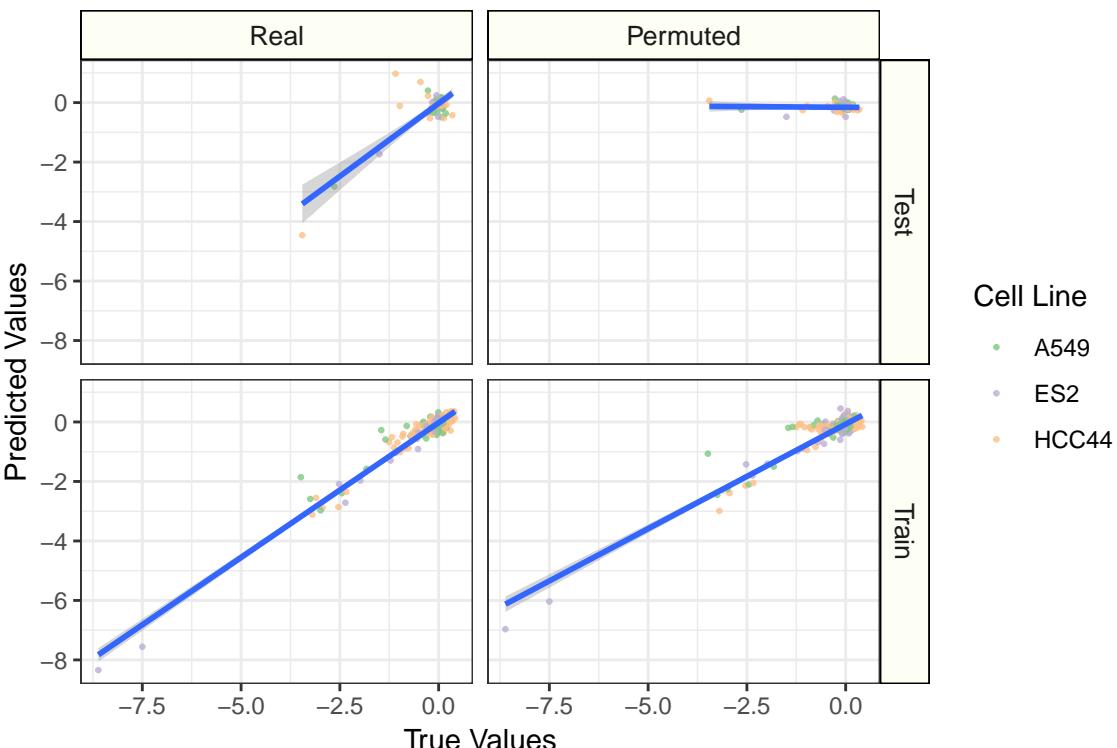


fit	shuffle	transform	r2	value
Train	Real	raw	0.83	0.10
Test	Real	raw	0.80	0.15
Train	Shuffle	raw	0.72	0.17
Test	Shuffle	raw	-0.34	0.98

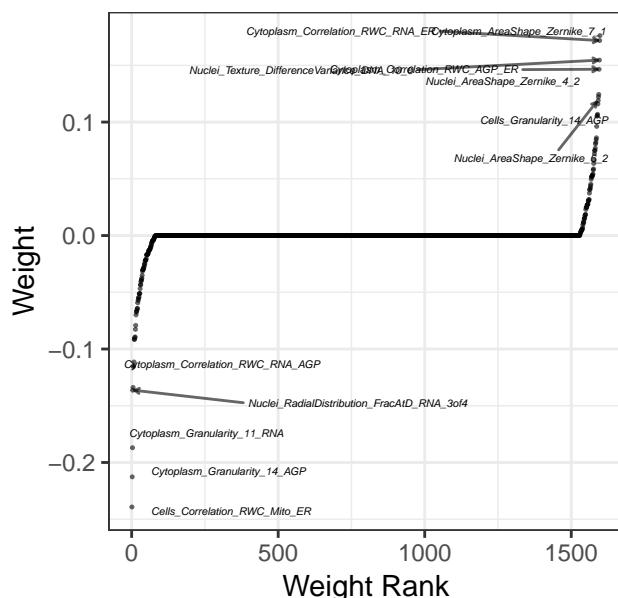


Performance: vb_percent_live

Transform: raw

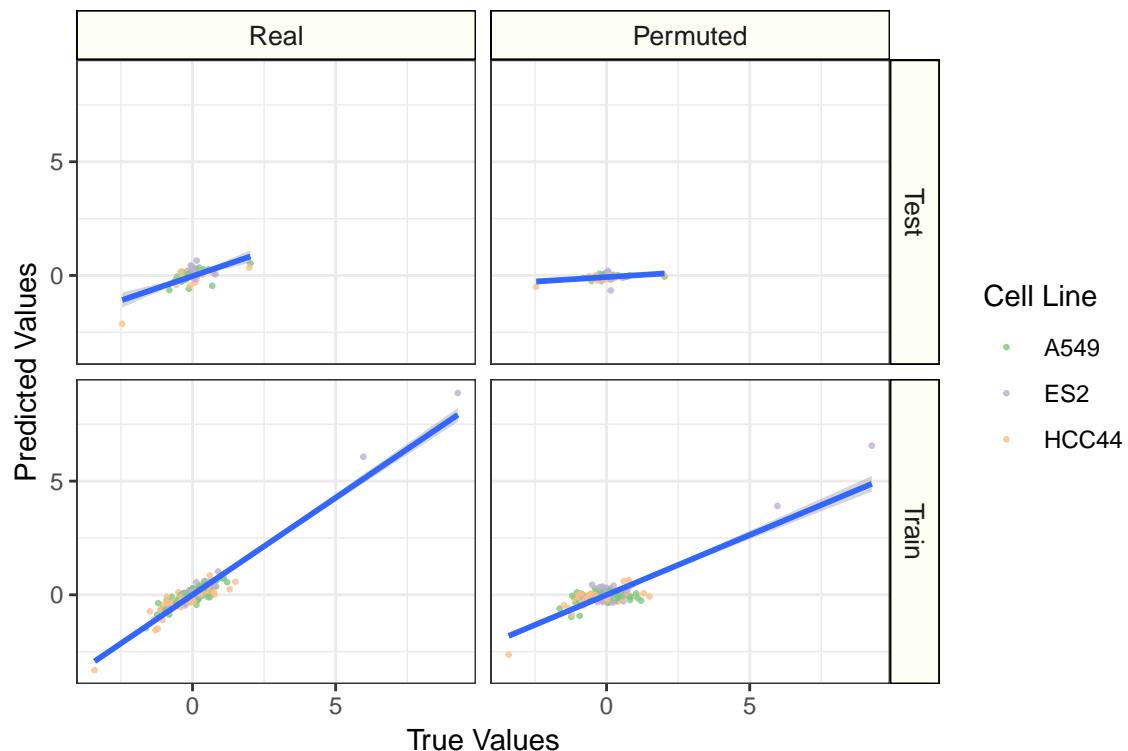


fit	shuffle	transform	r2	value
Train	Real	raw	0.93	0.05
Test	Real	raw	0.51	0.20
Train	Shuffle	raw	0.84	0.13
Test	Shuffle	raw	-0.06	0.44

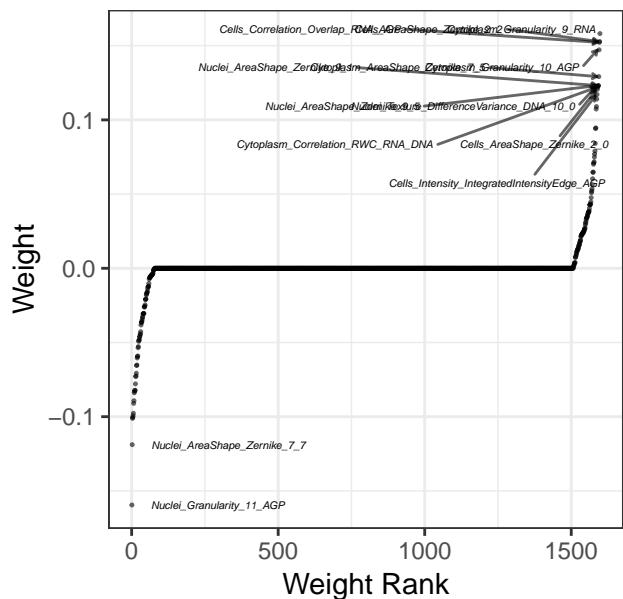


Performance: vb_ros_back_mean

Transform: raw

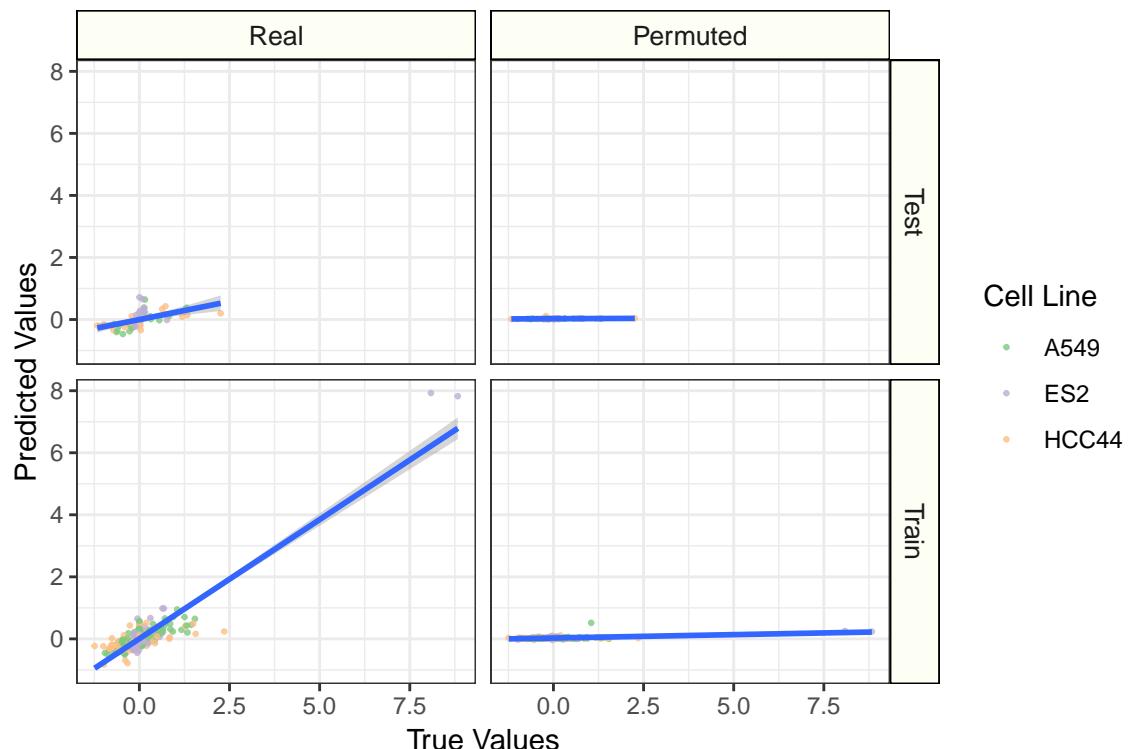


fit	shuffle	transform	r2	value
Train	Real	raw	0.89	0.07
Test	Real	raw	0.45	0.21
Train	Shuffle	raw	0.67	0.22
Test	Shuffle	raw	0.09	0.34



Performance: vb_ros_mean

Transform: raw



fit	shuffle	transform	r2	value
Train	Real	raw	0.82	0.12
Test	Real	raw	0.25	0.26
Train	Shuffle	raw	0.04	0.65
Test	Shuffle	raw	0.01	0.34

