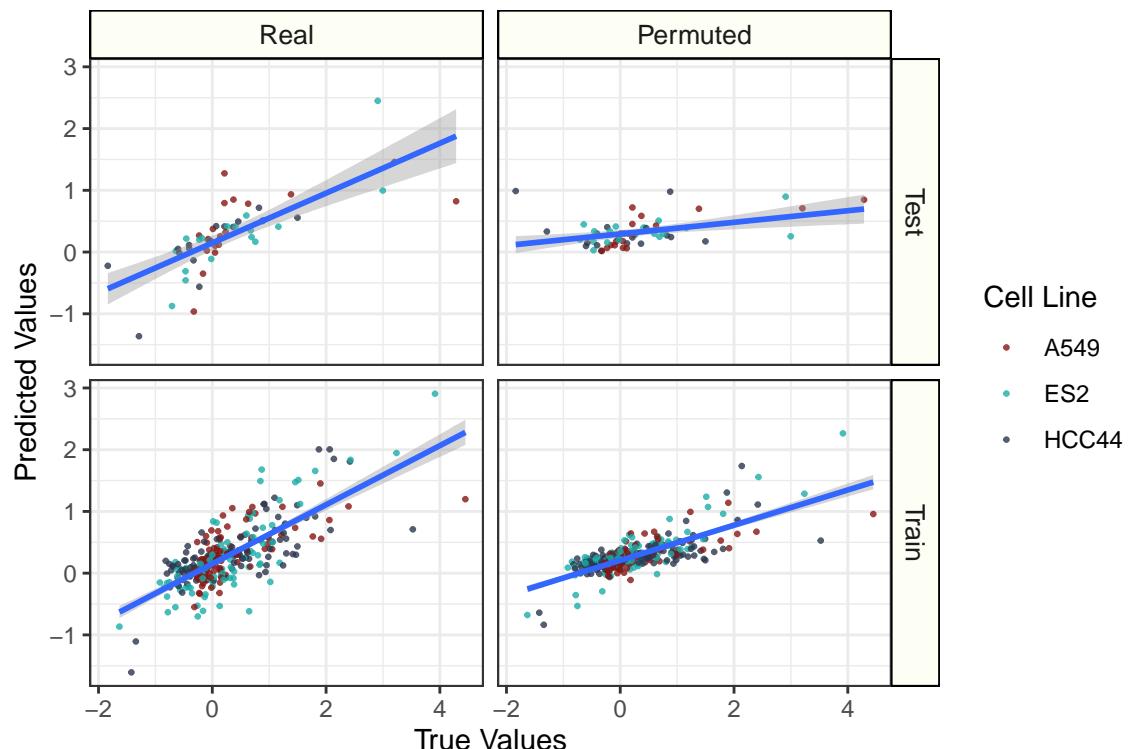
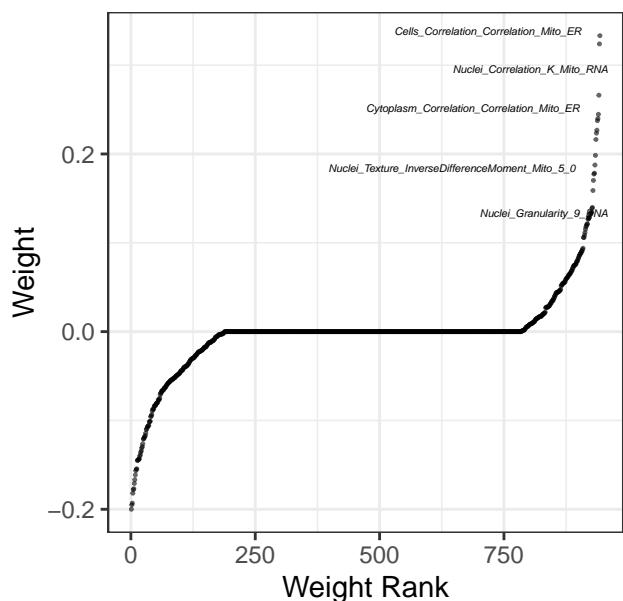


Performance: cc_all_high_h2ax

Transform: raw

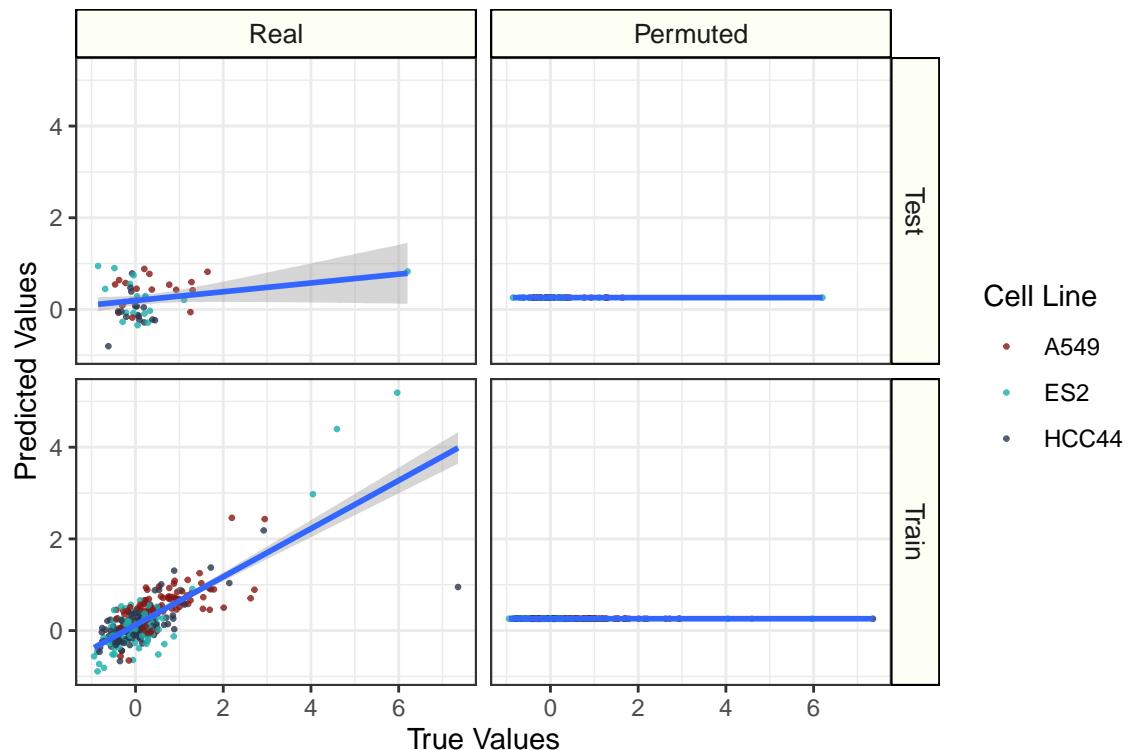


fit	shuffle	transform	r2	value
Train	Real	raw	0.55	0.29
Test	Real	raw	0.50	0.56
Train	Shuffle	raw	0.43	0.36
Test	Shuffle	raw	0.14	0.96

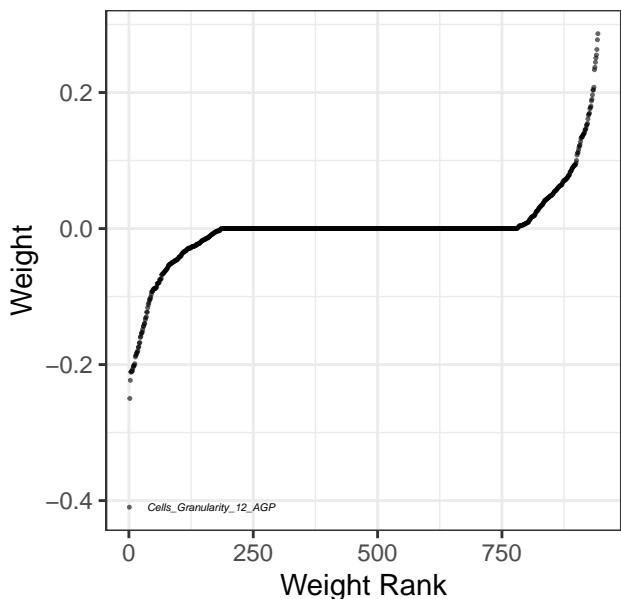


Performance: cc_all_large_notround_polinuclear_mean

Transform: raw

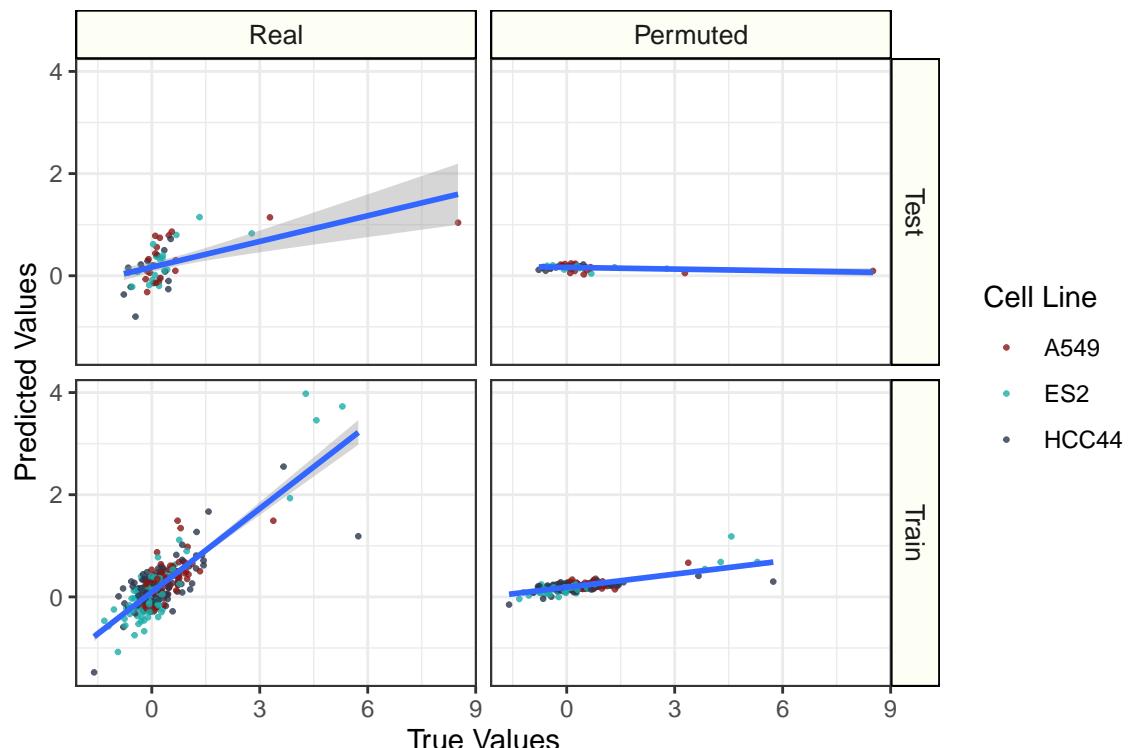


fit	shuffle	transform	r2	value
Train	Real	raw	0.59	0.33
Test	Real	raw	0.03	0.91
Train	Shuffle	raw	0.00	0.80
Test	Shuffle	raw	0.00	0.94

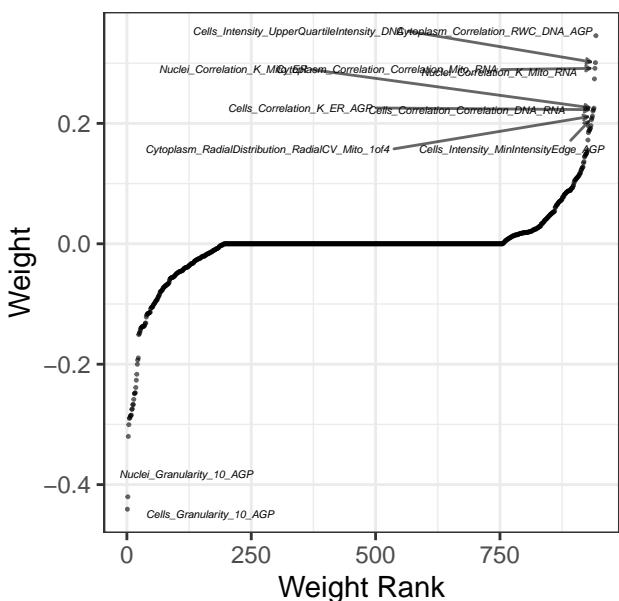


Performance: cc_all_large_round_polyplloid_mean

Transform: raw

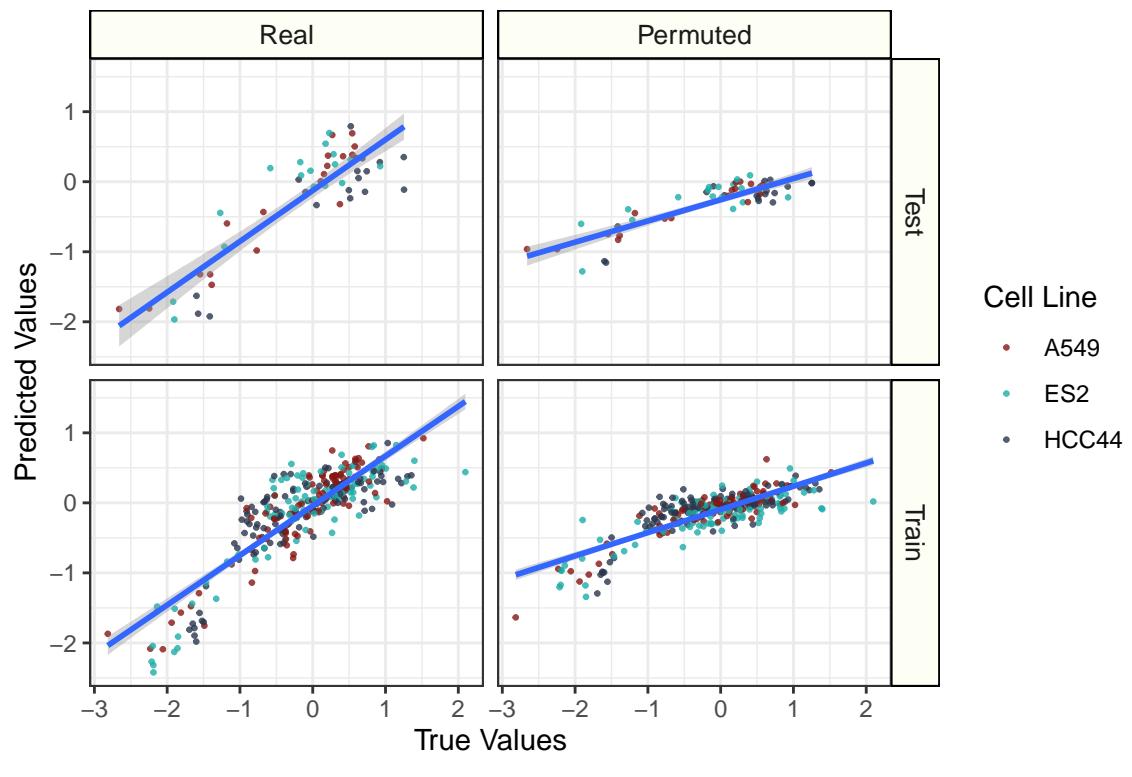


fit	shuffle	transform	r2	value
Train	Real	raw	0.65	0.23
Test	Real	raw	0.23	1.32
Train	Shuffle	raw	0.16	0.55
Test	Shuffle	raw	-0.04	1.79

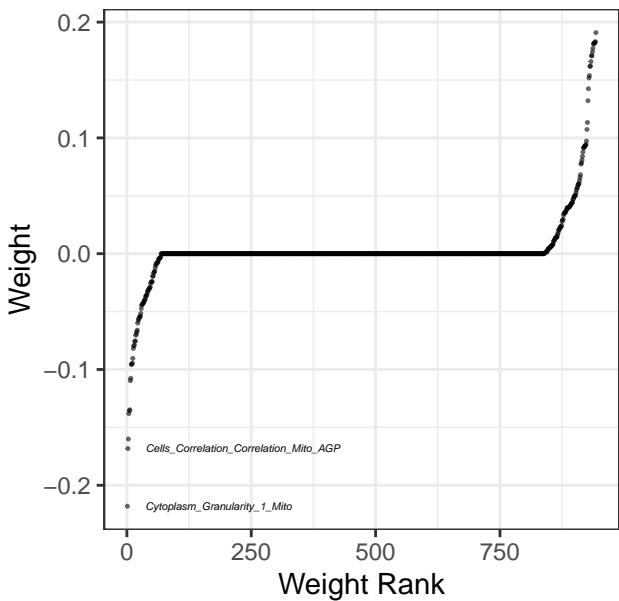


Performance: cc_all_n_objects

Transform: raw

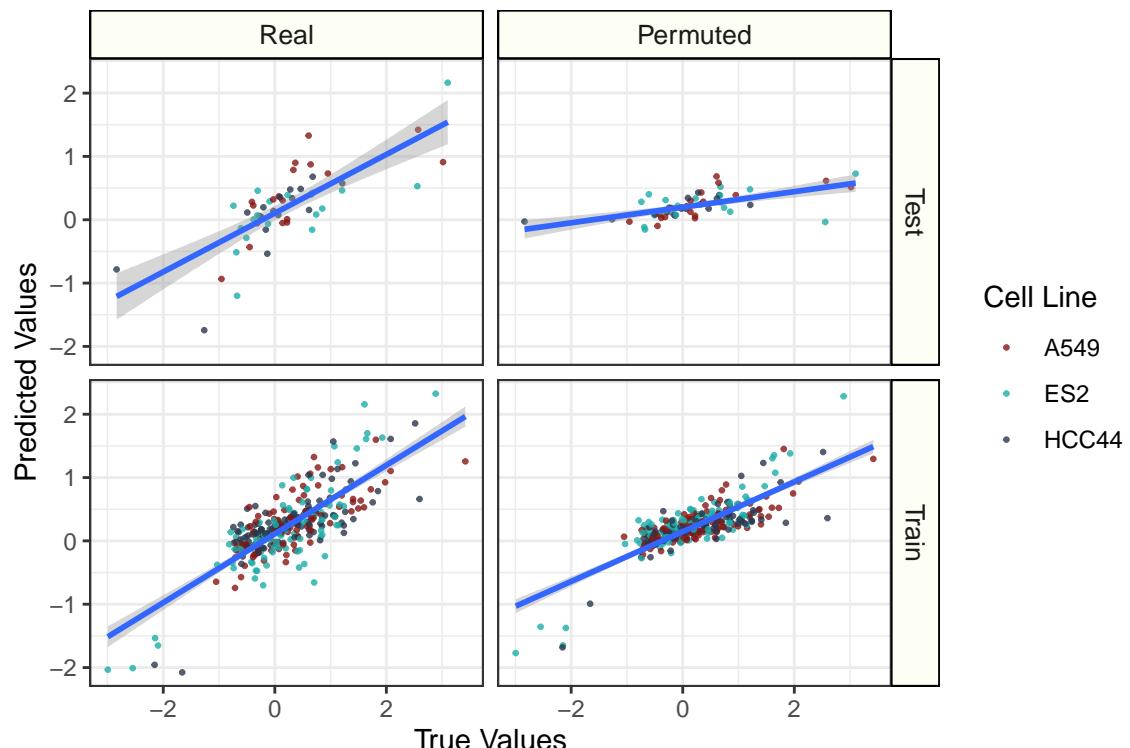


fit	shuffle	transform	r2	value
Train	Real	raw	0.74	0.16
Test	Real	raw	0.76	0.21
Train	Shuffle	raw	0.50	0.32
Test	Shuffle	raw	0.46	0.48

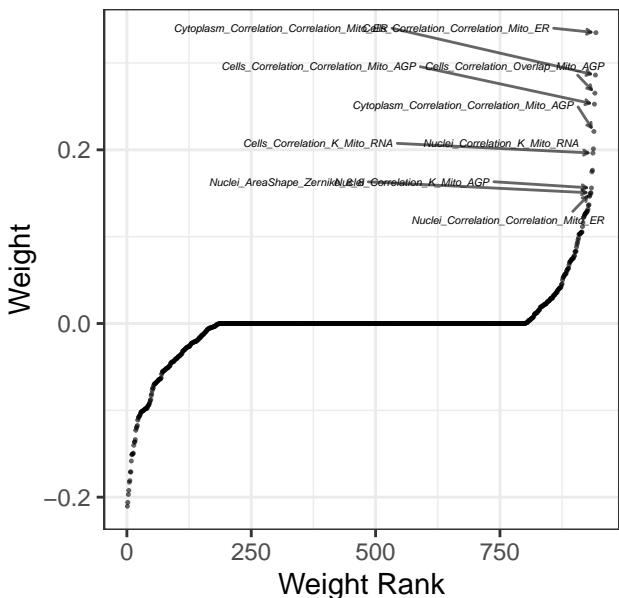


Performance: cc_all_n_spots_h2ax_mean

Transform: raw

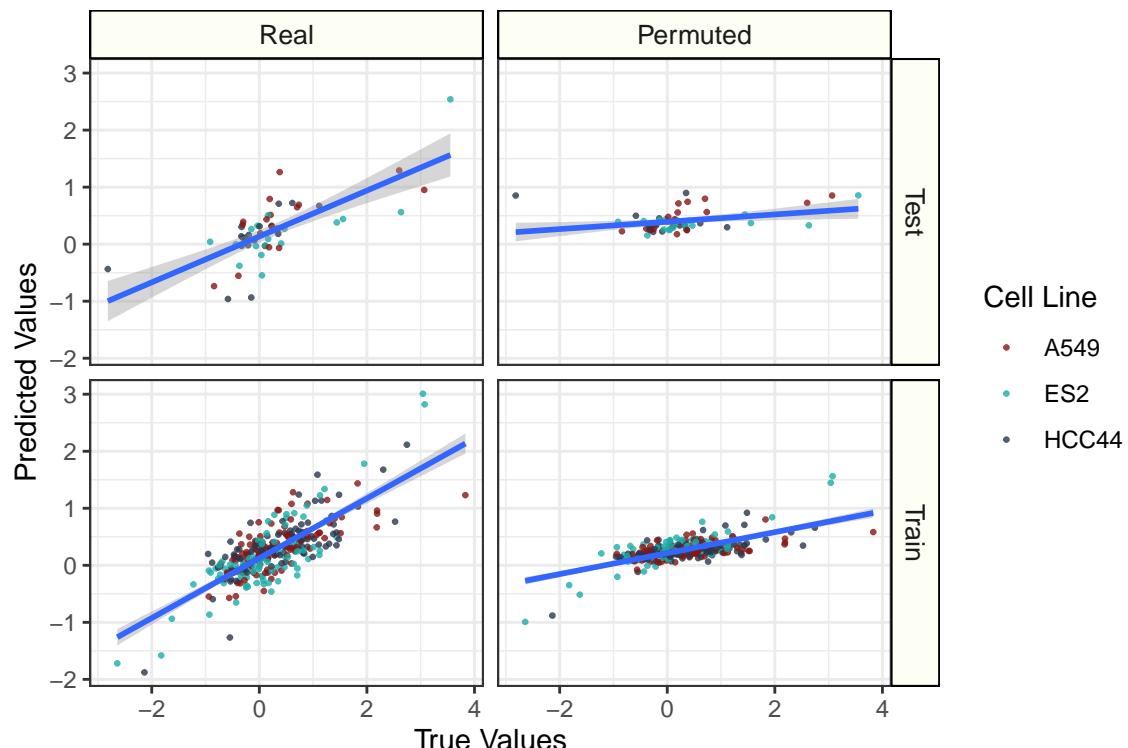


fit	shuffle	transform	r2	value
Train	Real	raw	0.60	0.25
Test	Real	raw	0.54	0.45
Train	Shuffle	raw	0.55	0.29
Test	Shuffle	raw	0.20	0.77

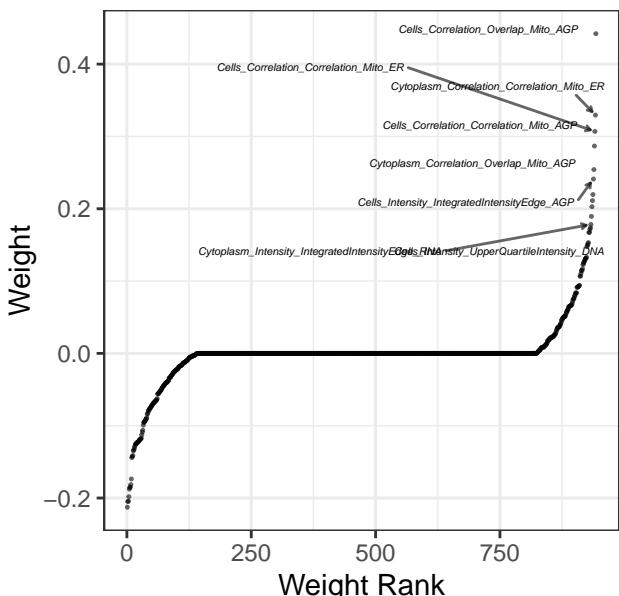


Performance: cc_all_n_spots_h2ax_per_nucleus_area_mean

Transform: raw

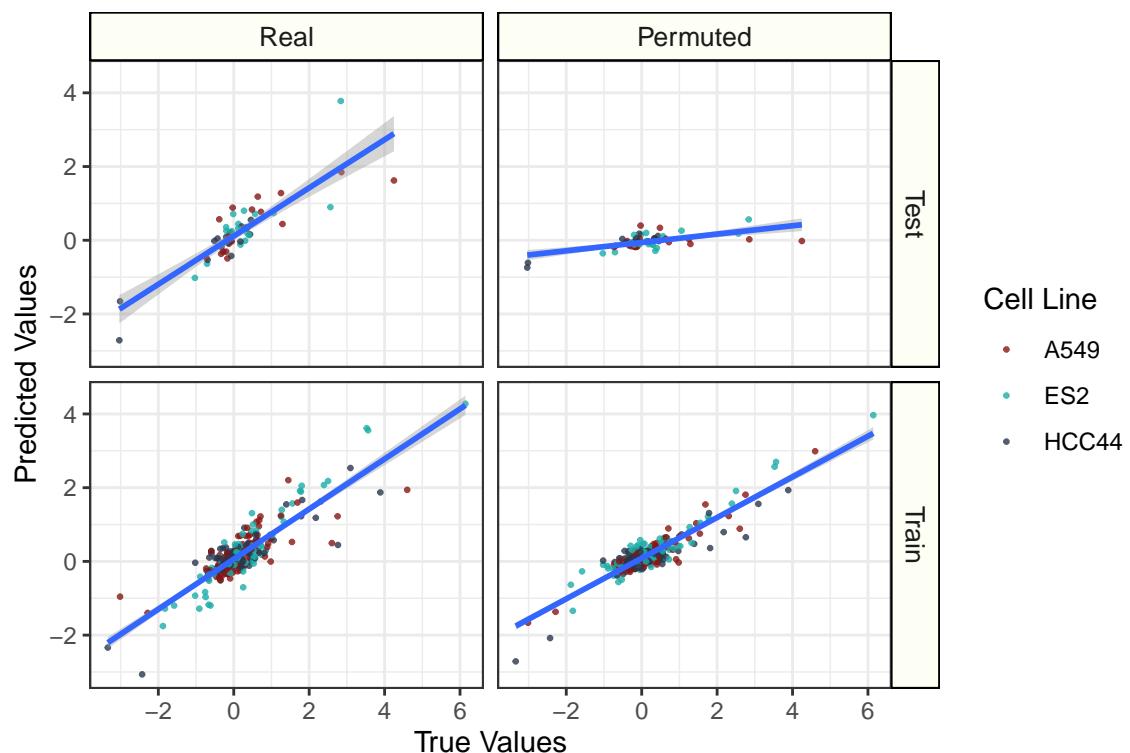


fit	shuffle	transform	r2	value
Train	Real	raw	0.59	0.25
Test	Real	raw	0.49	0.50
Train	Shuffle	raw	0.30	0.43
Test	Shuffle	raw	0.06	0.91

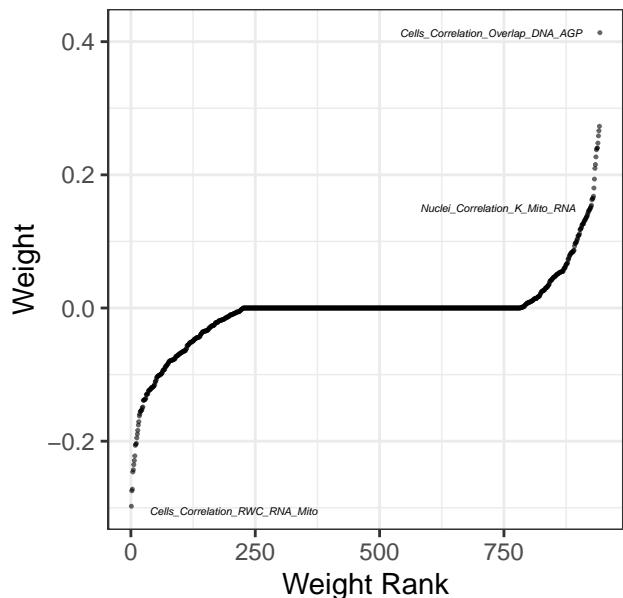


Performance: cc_all_nucleus_area_mean

Transform: raw

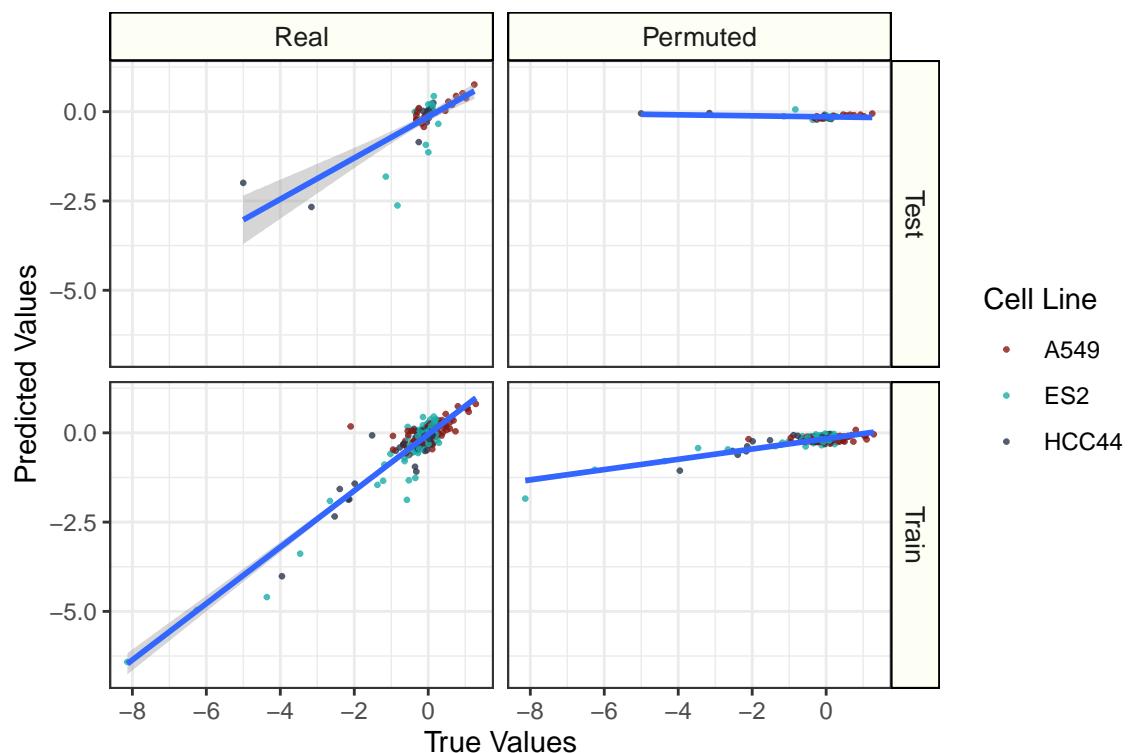


fit	shuffle	transform	r2	value
Train	Real	raw	0.75	0.22
Test	Real	raw	0.71	0.37
Train	Shuffle	raw	0.74	0.23
Test	Shuffle	raw	0.16	1.07

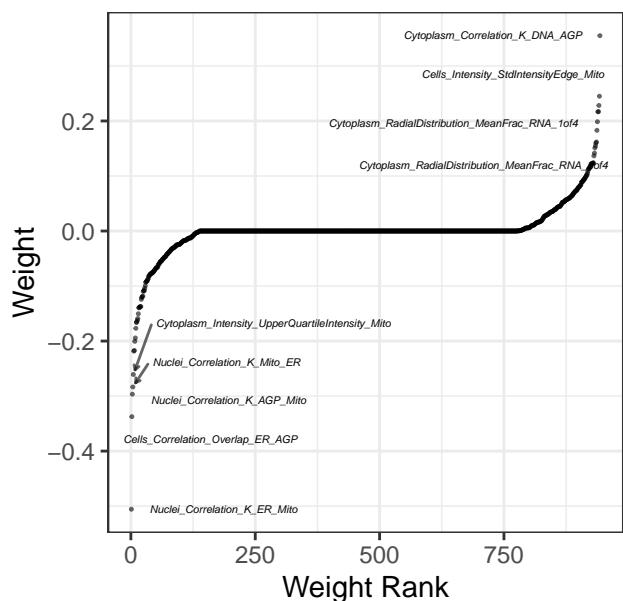


Performance: cc_all_nucleus_roundness_mean

Transform: raw

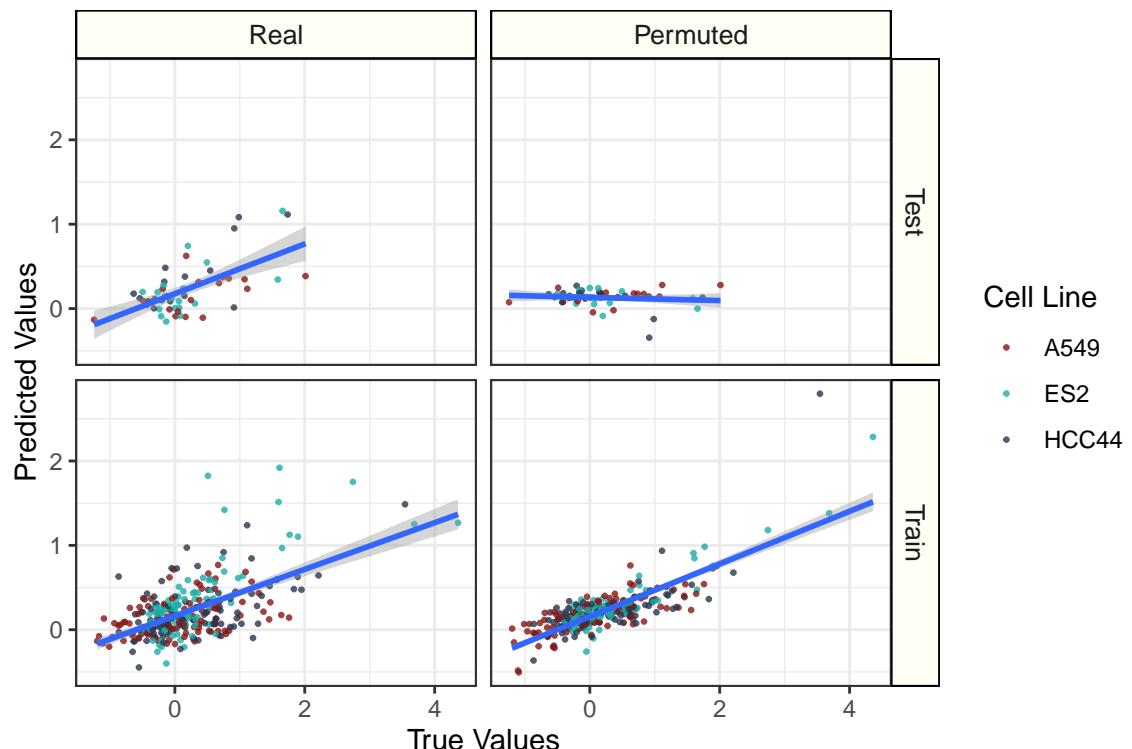


fit	shuffle	transform	r2	value
Train	Real	raw	0.85	0.11
Test	Real	raw	0.57	0.34
Train	Shuffle	raw	0.26	0.52
Test	Shuffle	raw	-0.03	0.81

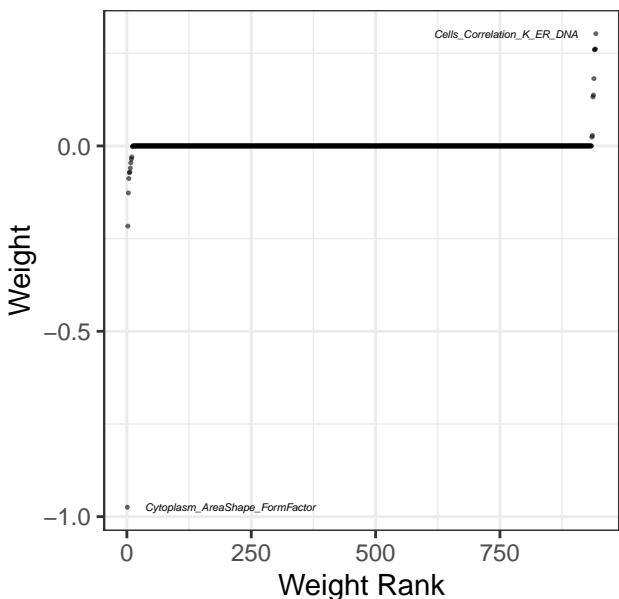


Performance: cc_cc_early_mitosis

Transform: raw

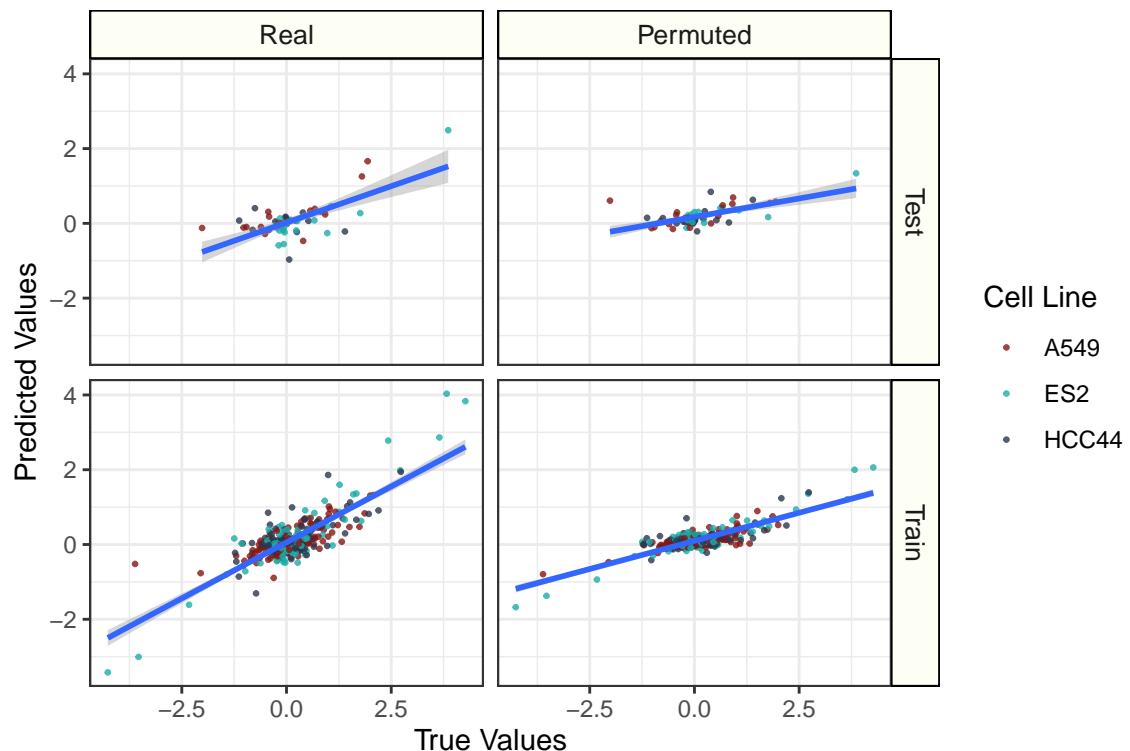


fit	shuffle	transform	r2	value
Train	Real	raw	0.33	0.36
Test	Real	raw	0.36	0.26
Train	Shuffle	raw	0.47	0.28
Test	Shuffle	raw	-0.07	0.44

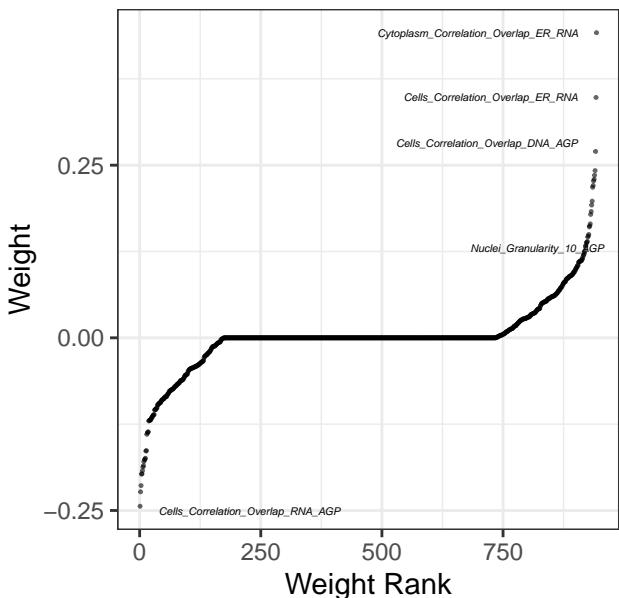


Performance: cc_cc_g1

Transform: raw

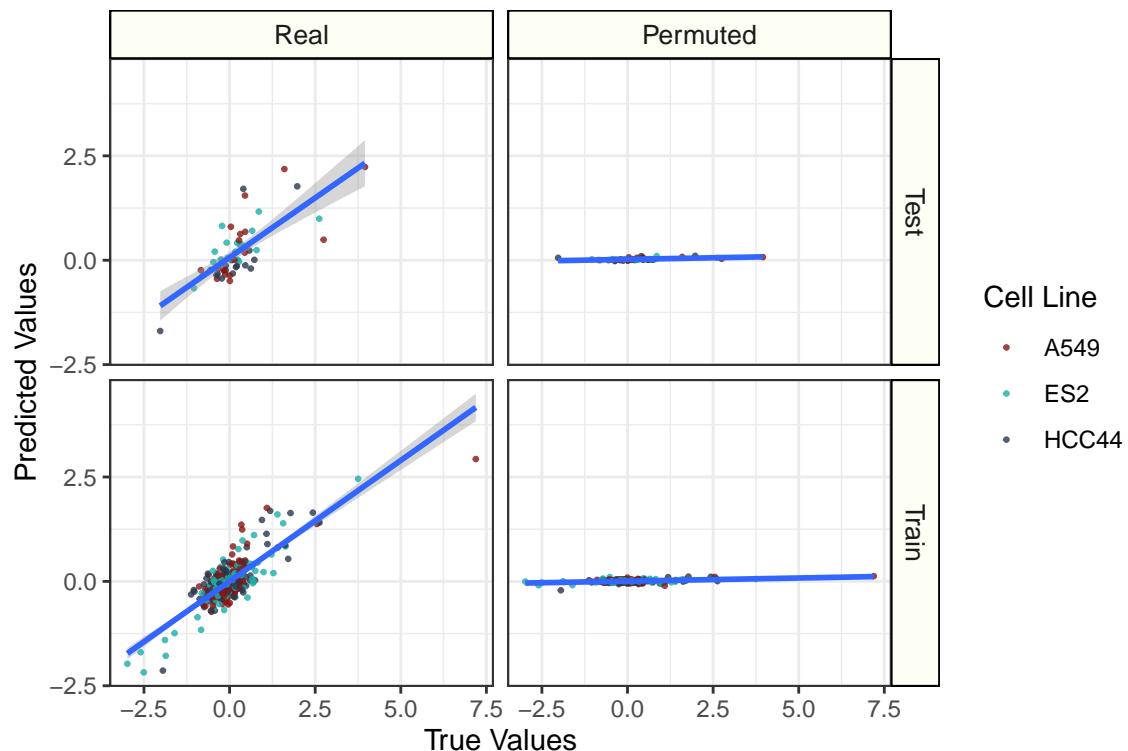


fit	shuffle	transform	r2	value
Train	Real	raw	0.67	0.26
Test	Real	raw	0.44	0.44
Train	Shuffle	raw	0.47	0.41
Test	Shuffle	raw	0.29	0.55

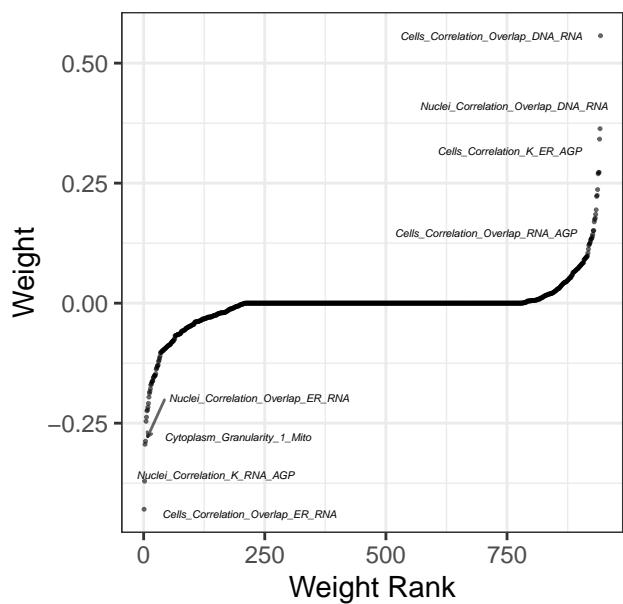


Performance: cc_cc_g2

Transform: raw

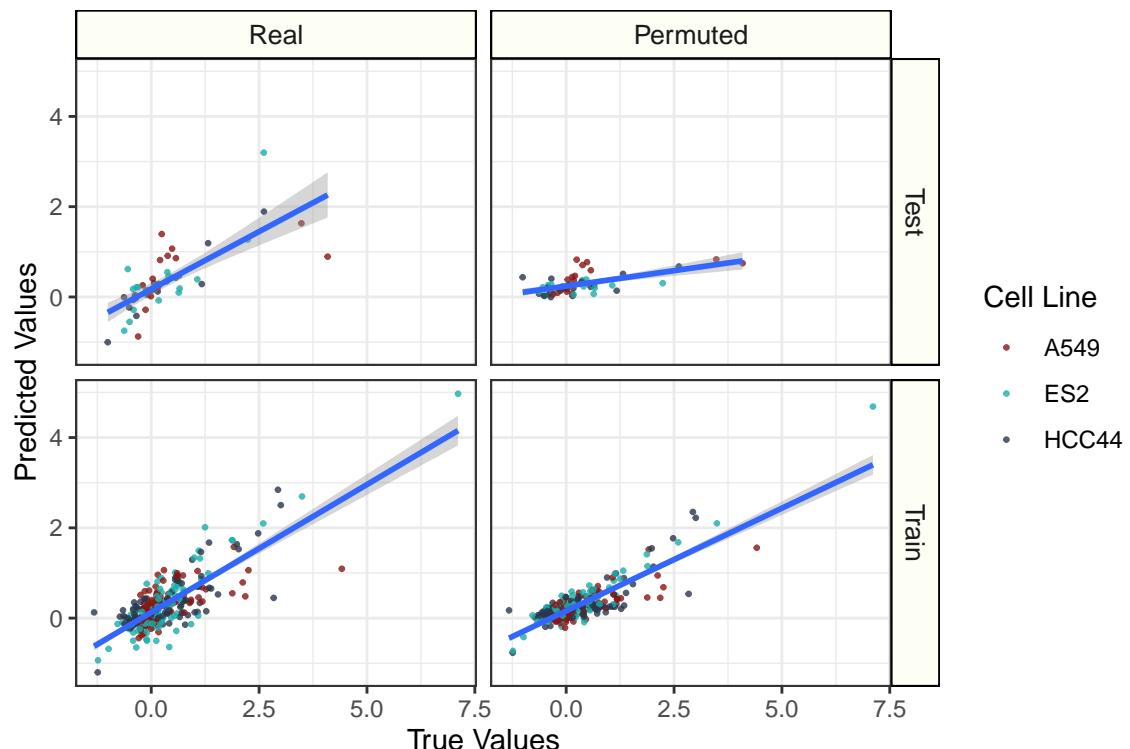


fit	shuffle	transform	r2	value
Train	Real	raw	0.66	0.22
Test	Real	raw	0.55	0.39
Train	Shuffle	raw	0.03	0.63
Test	Shuffle	raw	-0.02	0.88

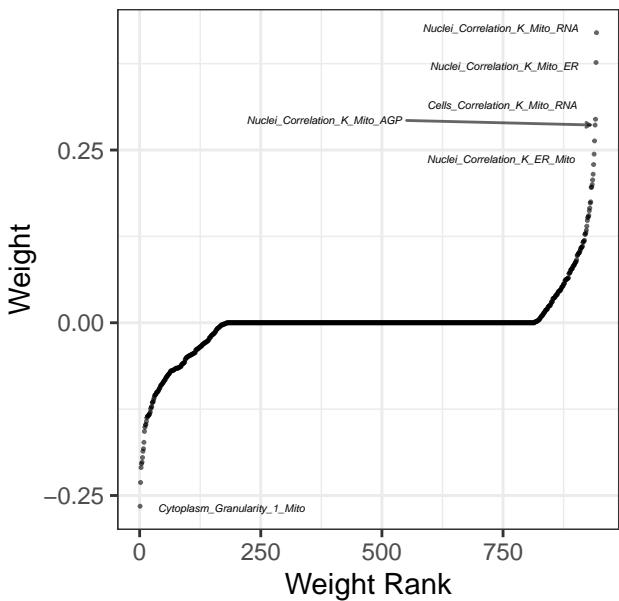


Performance: cc_cc_high_h2ax

Transform: raw

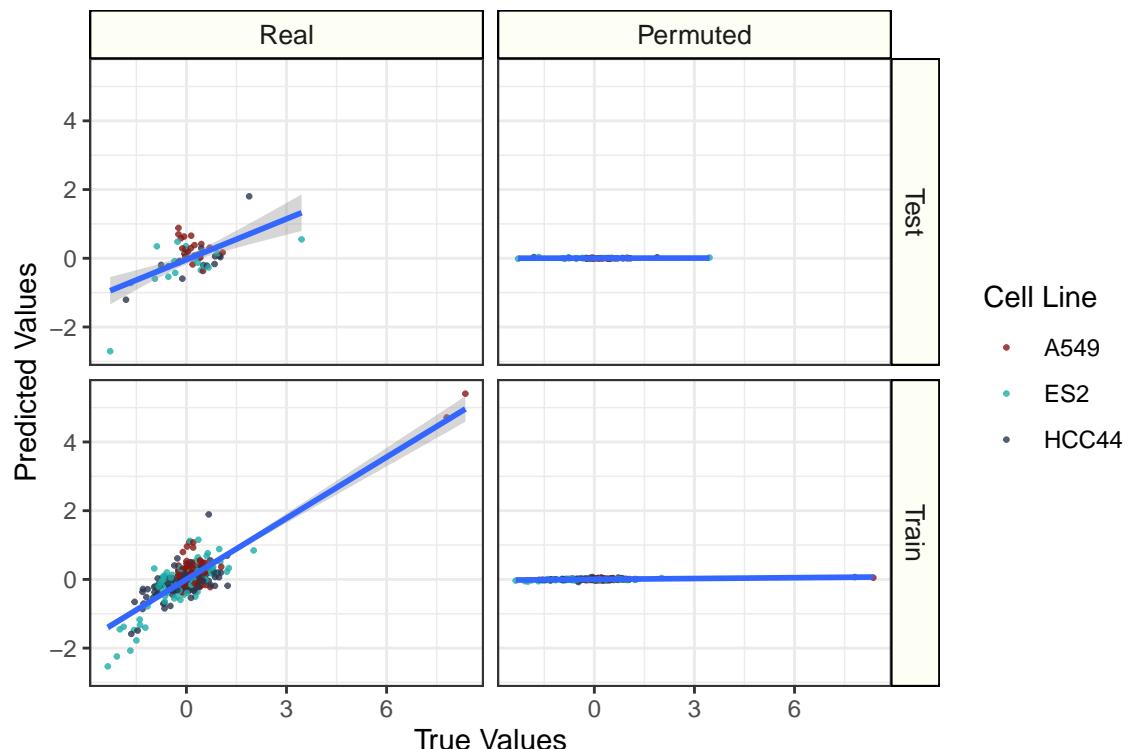


fit	shuffle	transform	r2	value
Train	Real	raw	0.63	0.25
Test	Real	raw	0.55	0.44
Train	Shuffle	raw	0.63	0.26
Test	Shuffle	raw	0.22	0.76

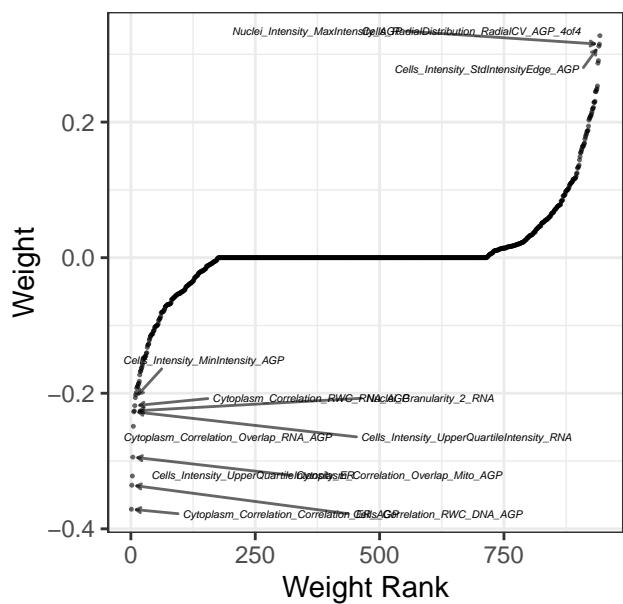


Performance: cc_cc_late_mitosis

Transform: raw

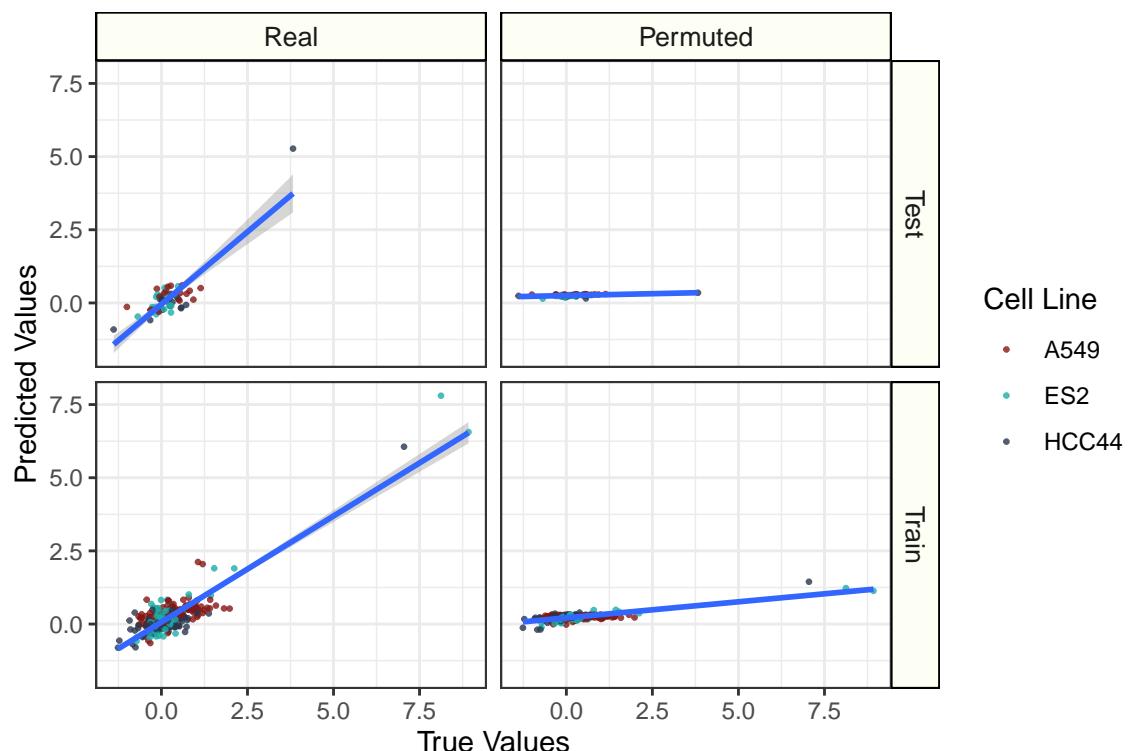


fit	shuffle	transform	r2	value
Train	Real	raw	0.68	0.26
Test	Real	raw	0.31	0.51
Train	Shuffle	raw	0.02	0.80
Test	Shuffle	raw	-0.02	0.75

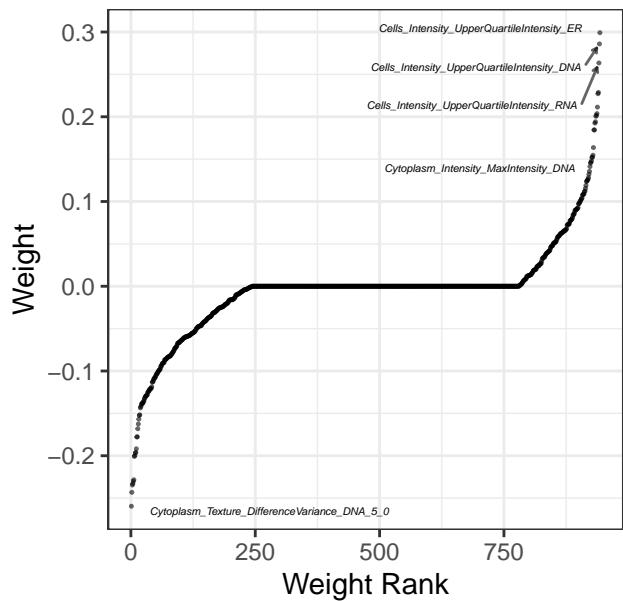


Performance: cc_cc_mitosis

Transform: raw

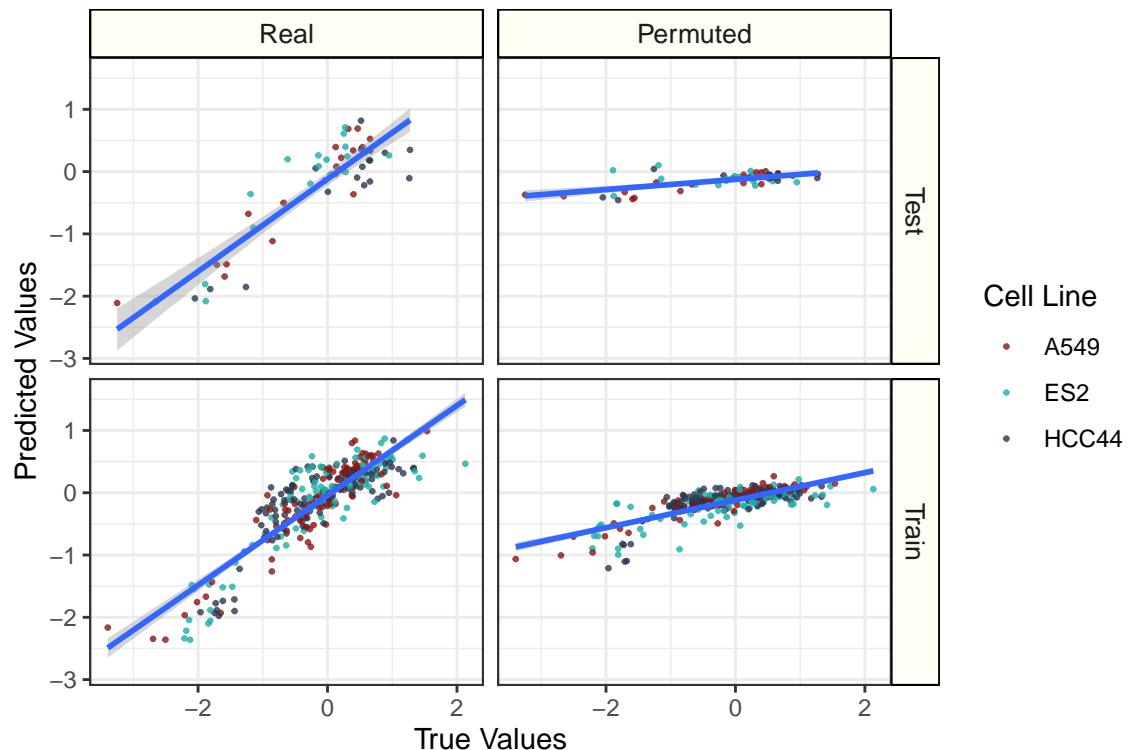


fit	shuffle	transform	r2	value
Train	Real	raw	0.79	0.19
Test	Real	raw	0.60	0.17
Train	Shuffle	raw	0.20	0.71
Test	Shuffle	raw	0.04	0.42

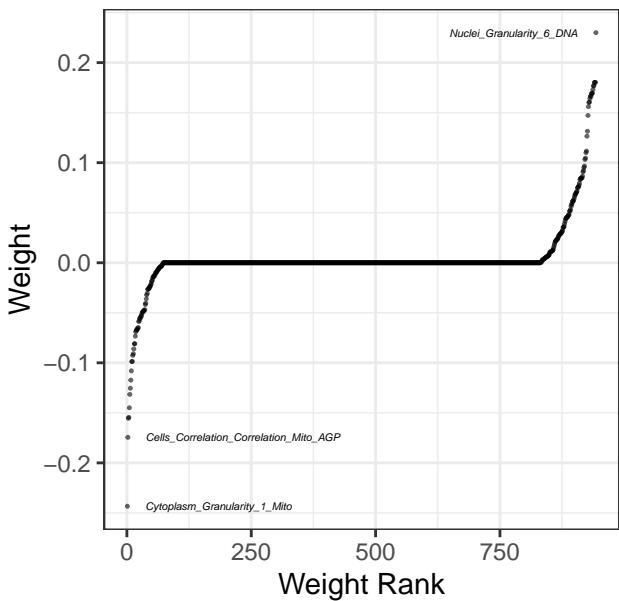


Performance: cc_cc_n_objects

Transform: raw

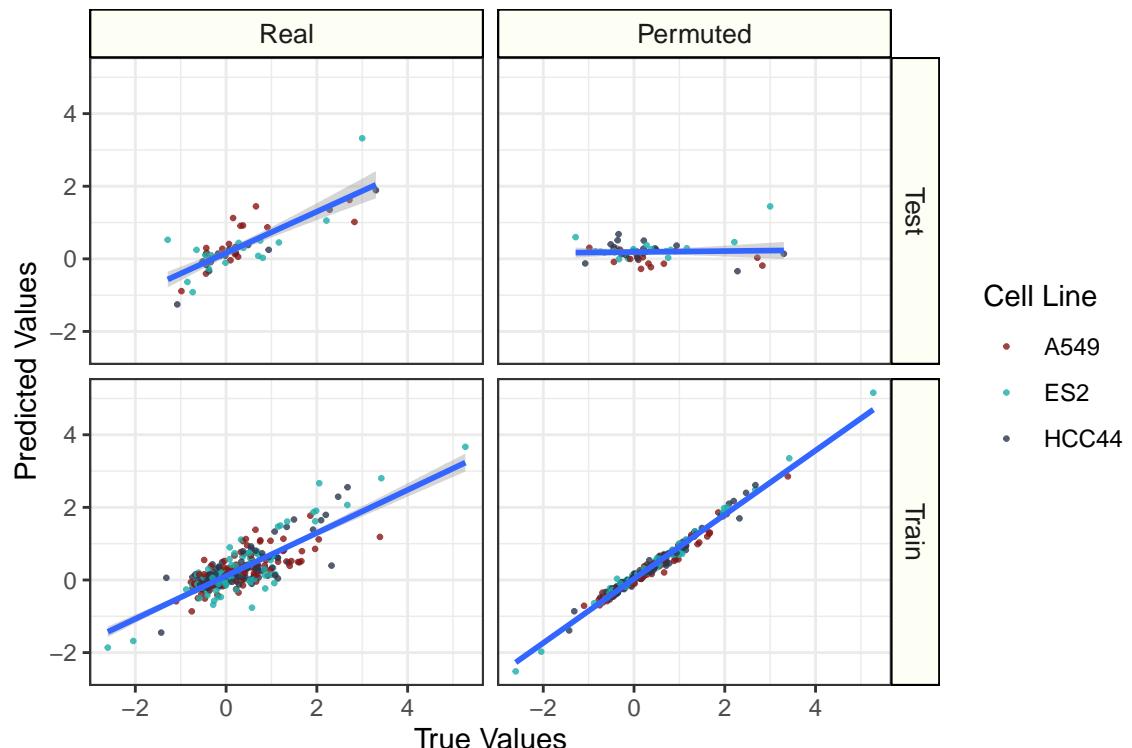


fit	shuffle	transform	r2	value
Train	Real	raw	0.75	0.17
Test	Real	raw	0.79	0.22
Train	Shuffle	raw	0.36	0.44
Test	Shuffle	raw	0.14	0.88

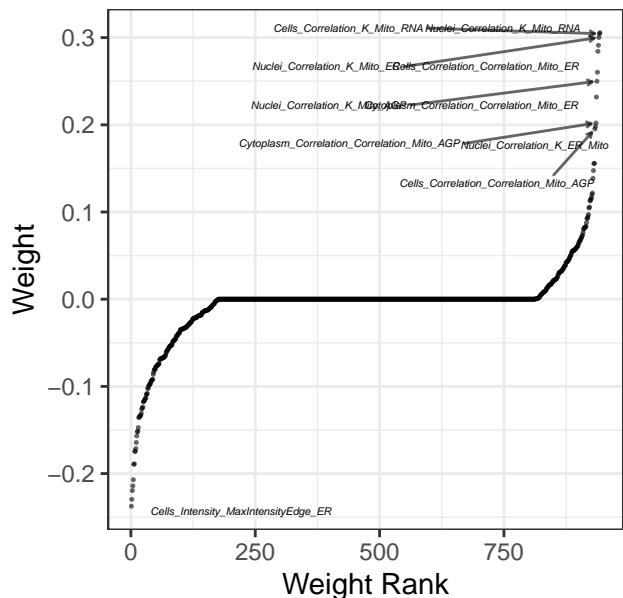


Performance: cc_cc_n_spots_h2ax_mean

Transform: raw

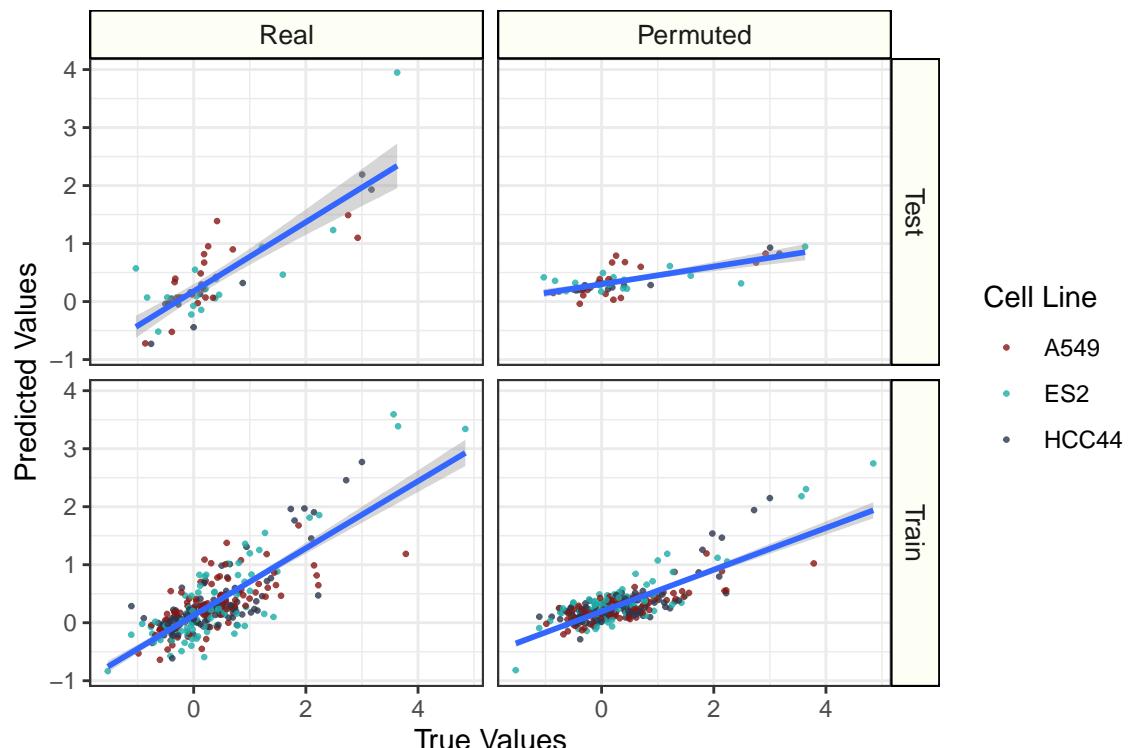


fit	shuffle	transform	r2	value
Train	Real	raw	0.65	0.24
Test	Real	raw	0.64	0.37
Train	Shuffle	raw	0.97	0.02
Test	Shuffle	raw	-0.05	1.08

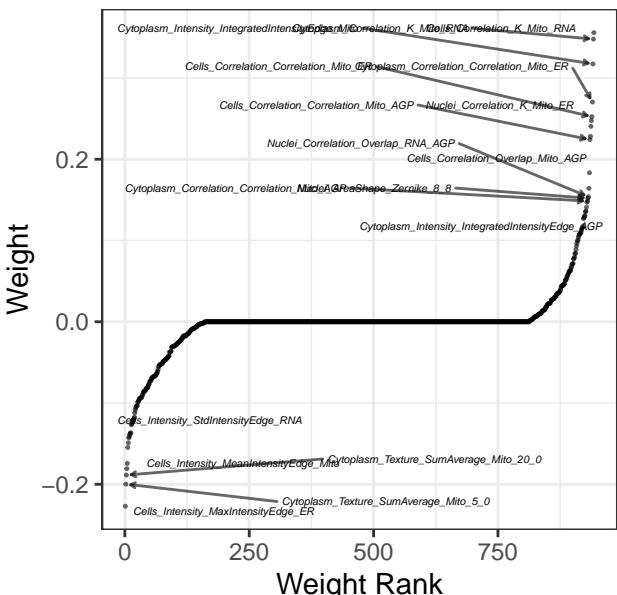


Performance: cc_cc_n_spots_h2ax_per_nucleus_area_mean

Transform: raw

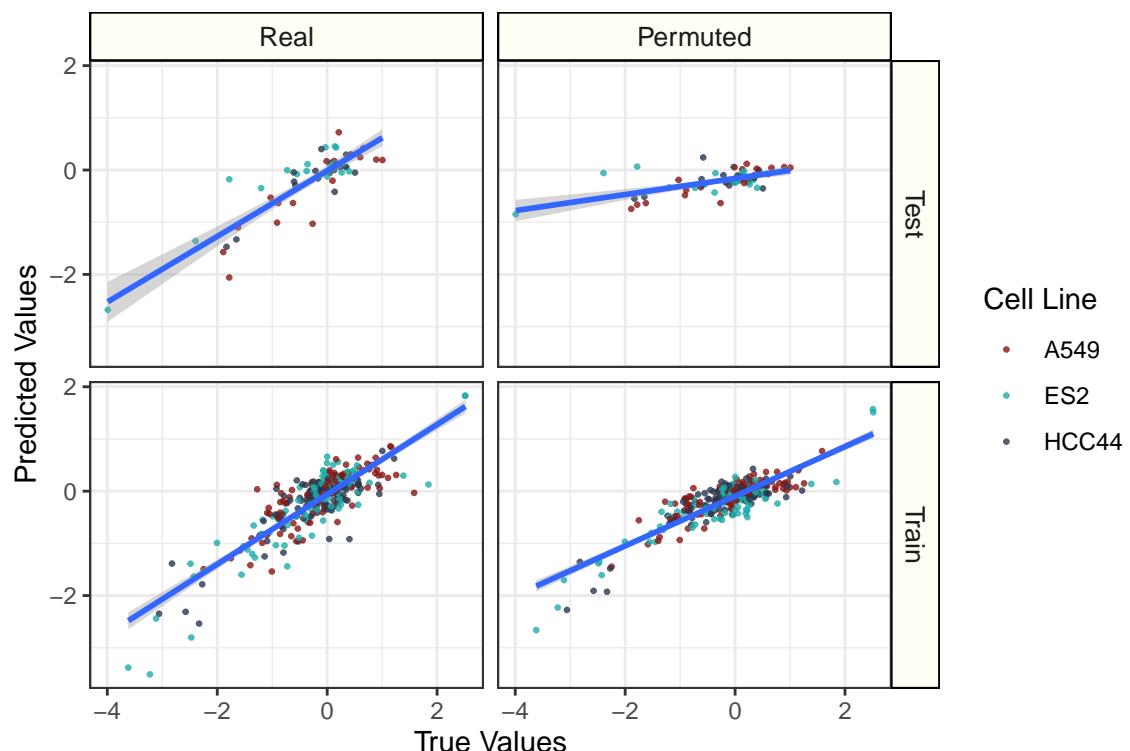


fit	shuffle	transform	r2	value
Train	Real	raw	0.63	0.24
Test	Real	raw	0.68	0.36
Train	Shuffle	raw	0.52	0.32
Test	Shuffle	raw	0.26	0.83

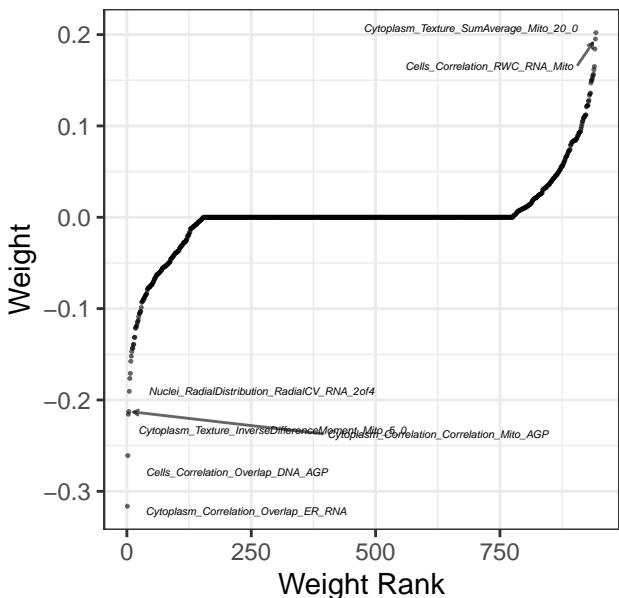


Performance: cc_cc_s

Transform: raw

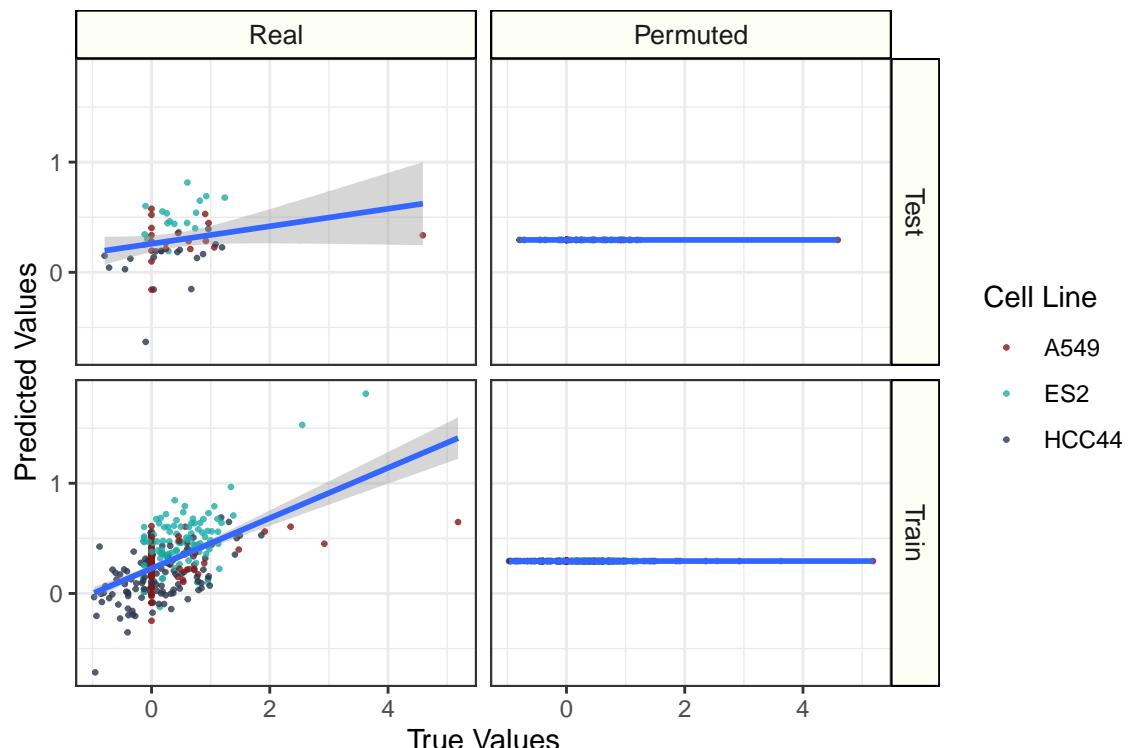


fit	shuffle	transform	r2	value
Train	Real	raw	0.72	0.18
Test	Real	raw	0.72	0.24
Train	Shuffle	raw	0.65	0.23
Test	Shuffle	raw	0.23	0.65

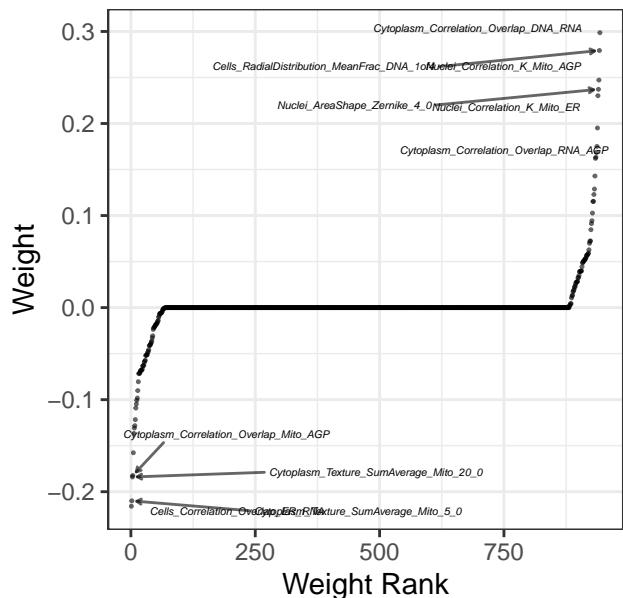


Performance: cc_early_mitosis_high_h2ax

Transform: raw

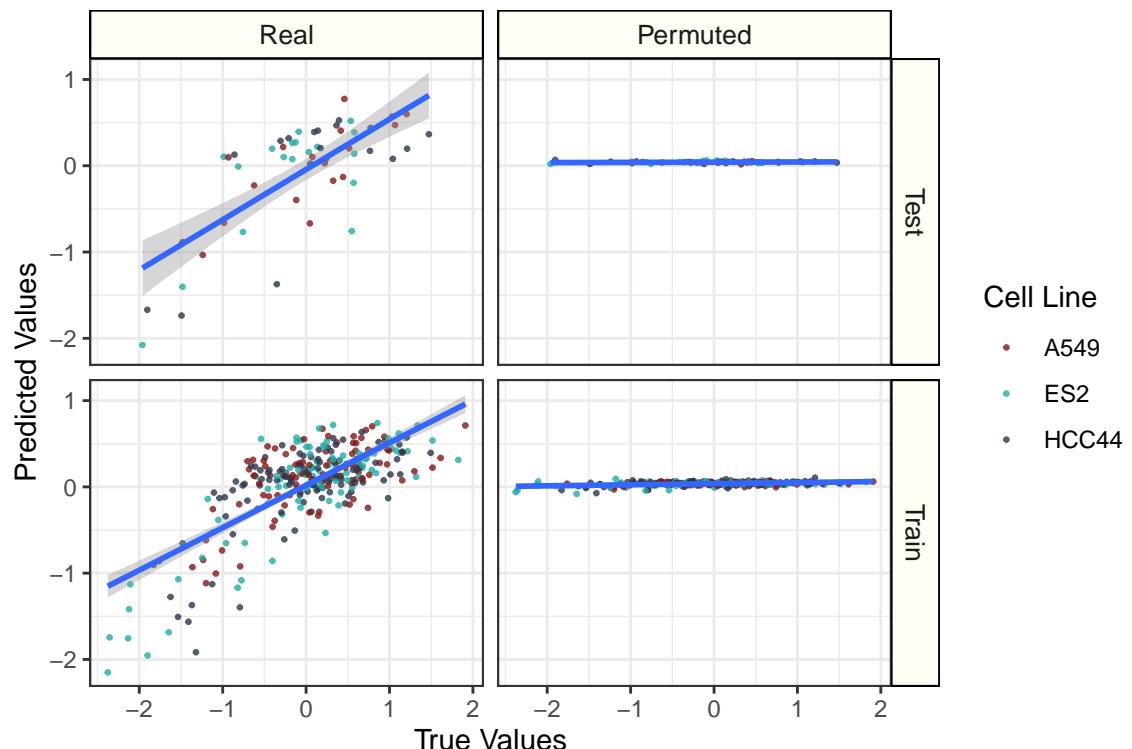


fit	shuffle	transform	r2	value
Train	Real	raw	0.29	0.29
Test	Real	raw	0.02	0.53
Train	Shuffle	raw	0.00	0.41
Test	Shuffle	raw	-0.03	0.56

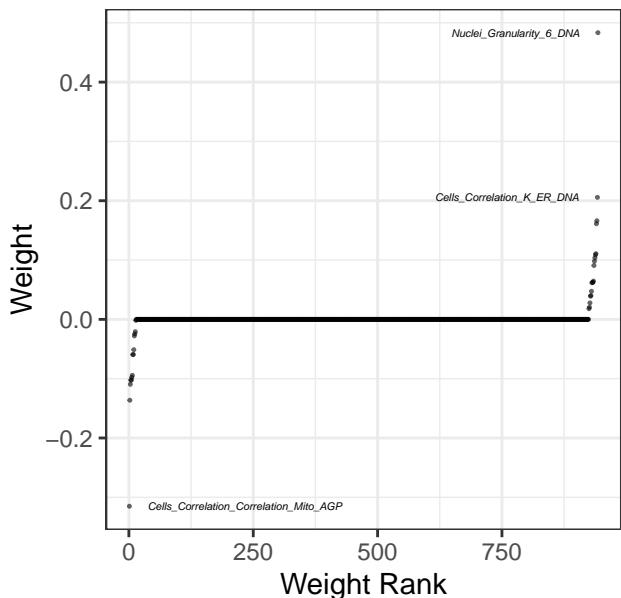


Performance: cc_early_mitosis_n_objects

Transform: raw

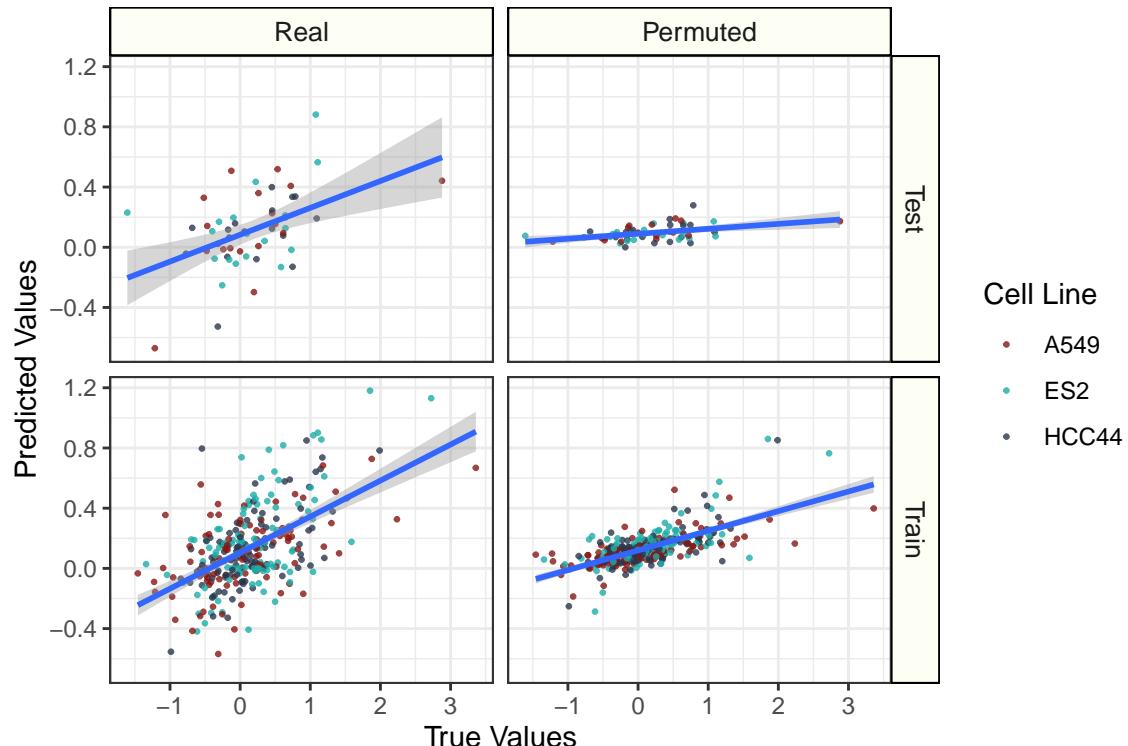


fit	shuffle	transform	r2	value
Train	Real	raw	0.54	0.26
Test	Real	raw	0.52	0.30
Train	Shuffle	raw	0.02	0.54
Test	Shuffle	raw	-0.01	0.63

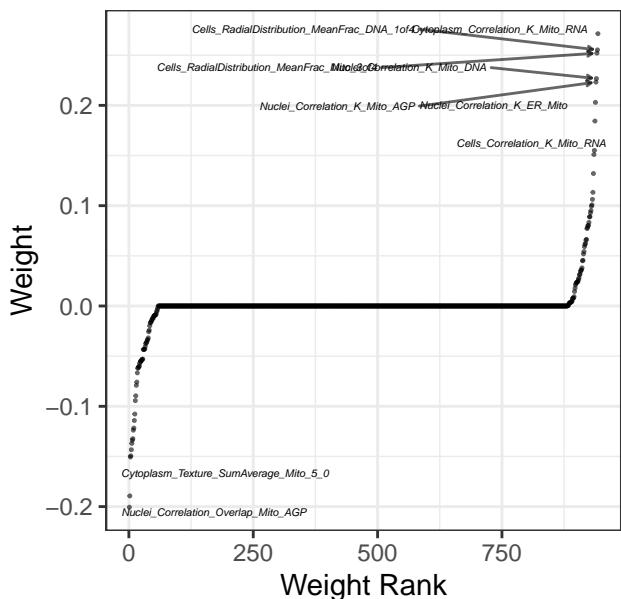


Performance: cc_early_mitosis_n_spots_h2ax_mean

Transform: raw

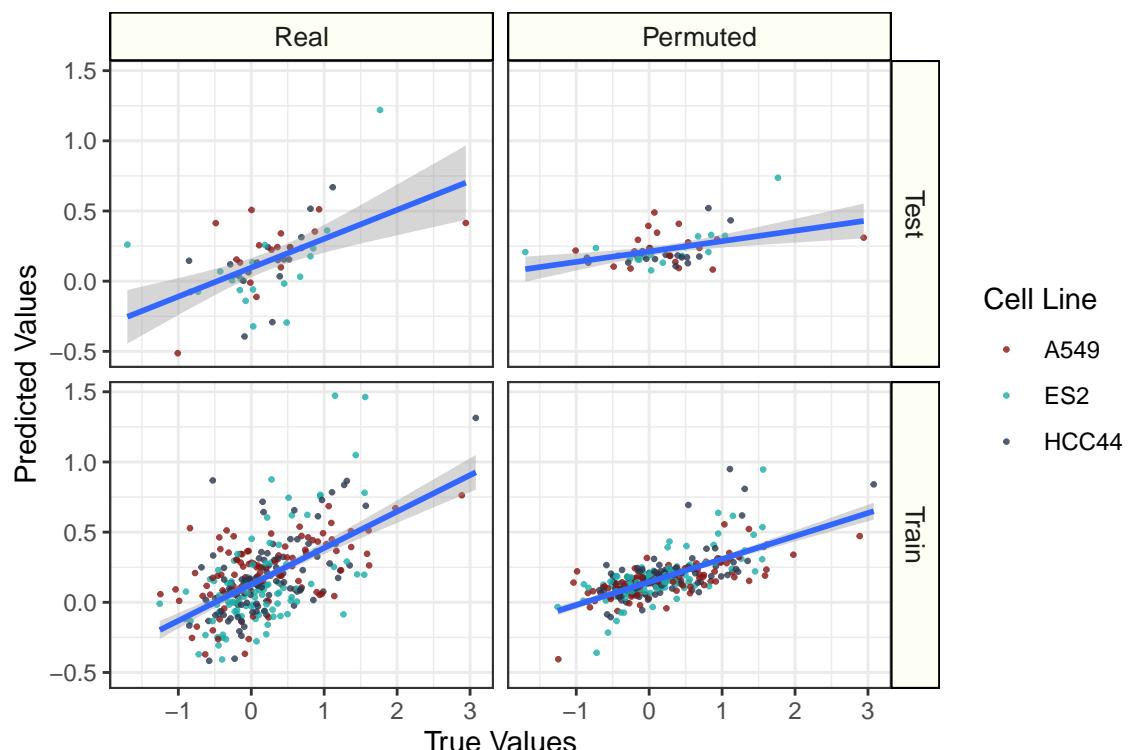


fit	shuffle	transform	r2	value
Train	Real	raw	0.30	0.28
Test	Real	raw	0.20	0.35
Train	Shuffle	raw	0.22	0.31
Test	Shuffle	raw	0.05	0.42

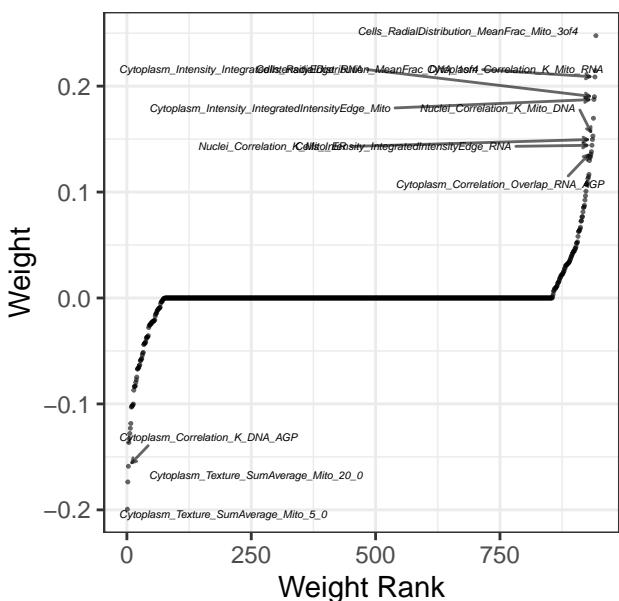


Performance: cc_early_mitosis_n_spots_h2ax_per_nucleus_are

Transform: raw

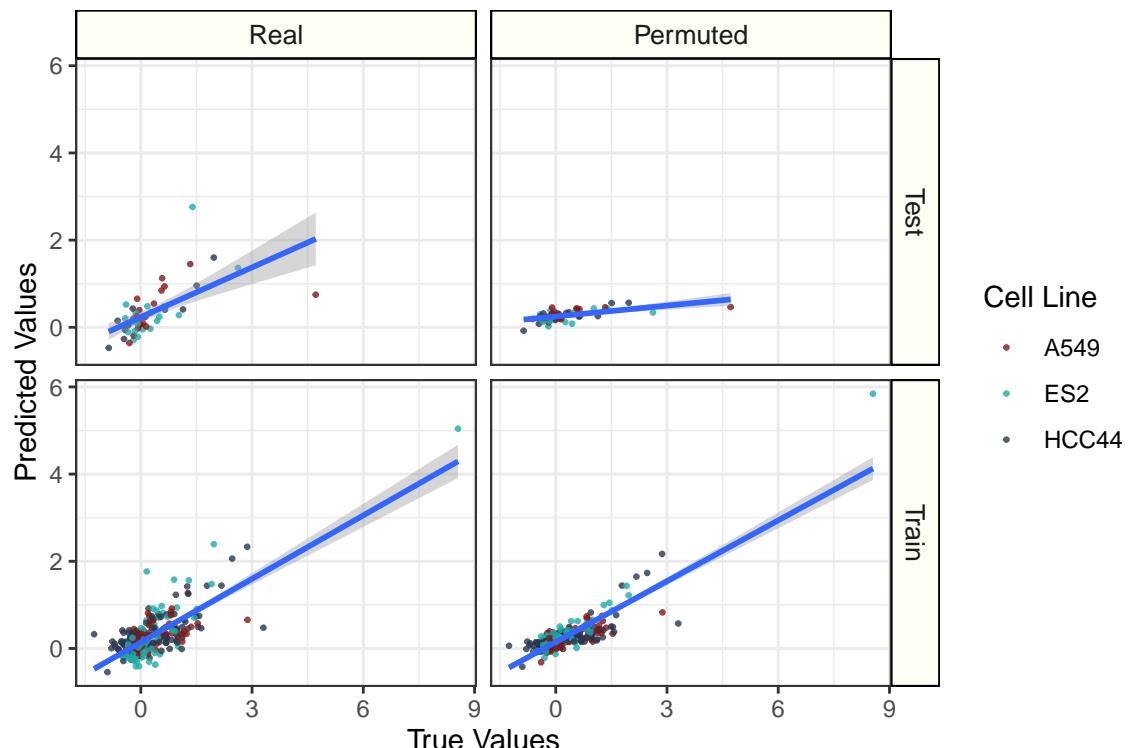


fit	shuffle	transform	r2	value
Train	Real	raw	0.32	0.27
Test	Real	raw	0.24	0.36
Train	Shuffle	raw	0.27	0.29
Test	Shuffle	raw	0.12	0.42

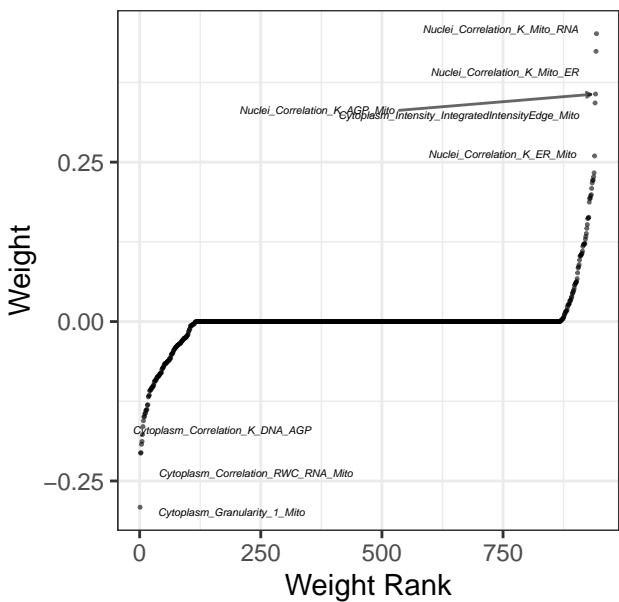


Performance: cc_g1_high_h2ax

Transform: raw

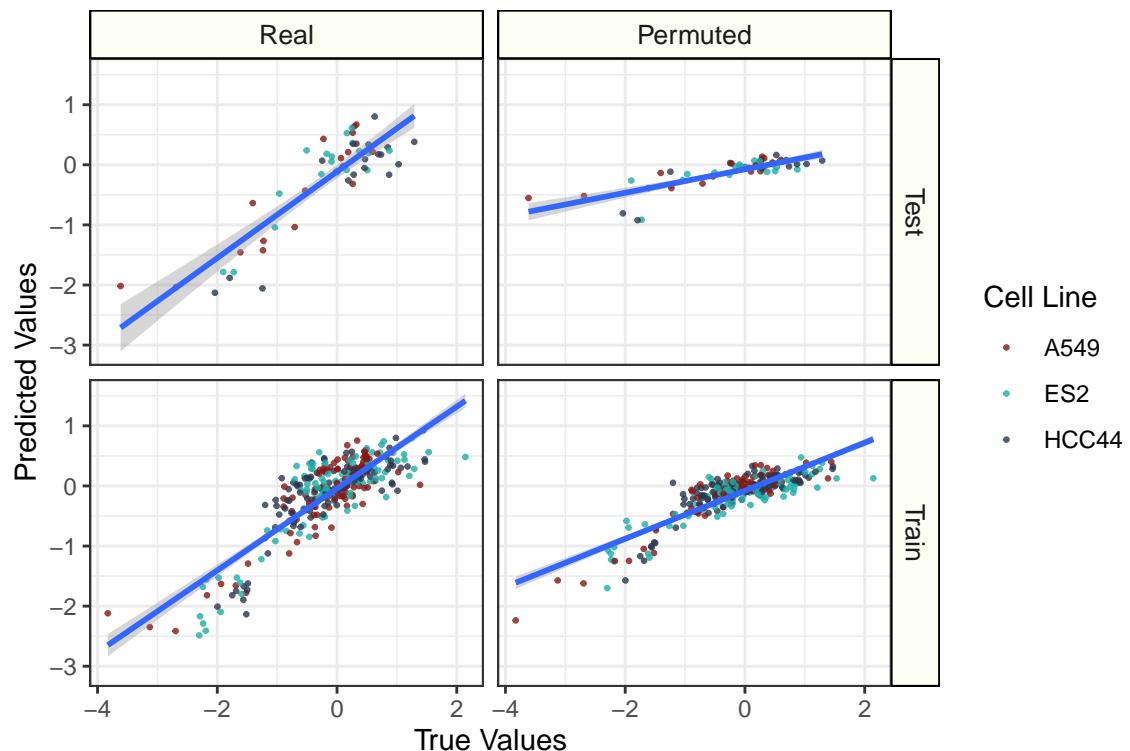


fit	shuffle	transform	r2	value
Train	Real	raw	0.57	0.26
Test	Real	raw	0.38	0.49
Train	Shuffle	raw	0.64	0.22
Test	Shuffle	raw	0.15	0.68

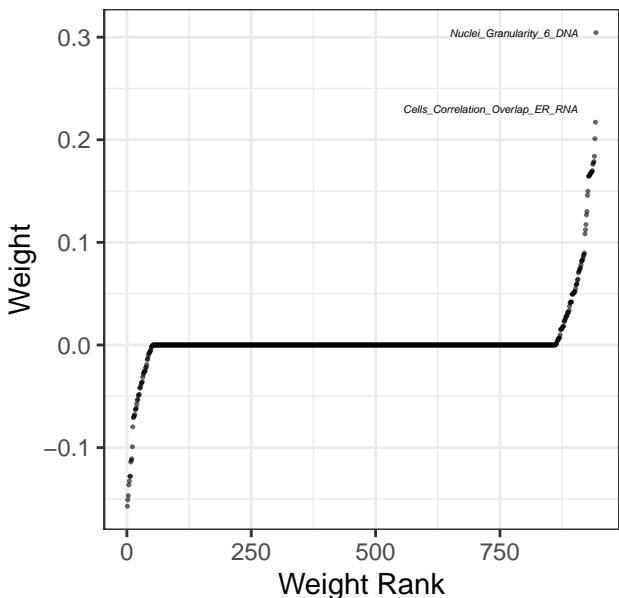


Performance: cc_g1_n_objects

Transform: raw

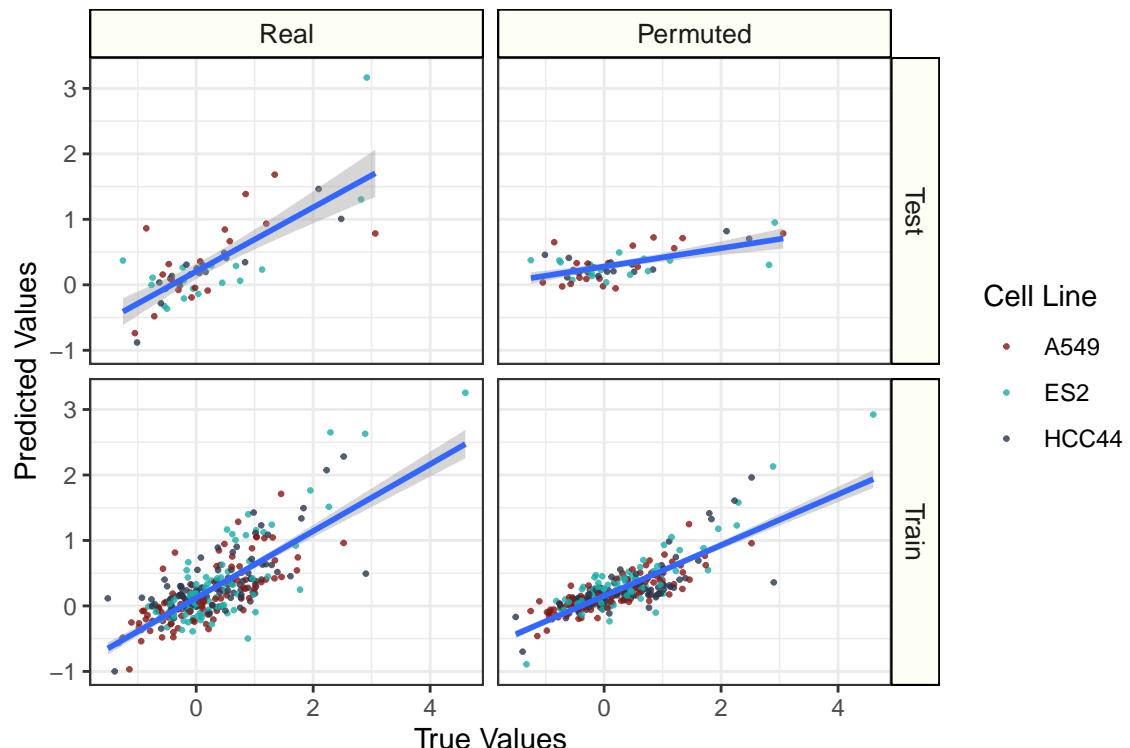


fit	shuffle	transform	r2	value
Train	Real	raw	0.72	0.19
Test	Real	raw	0.76	0.24
Train	Shuffle	raw	0.58	0.29
Test	Shuffle	raw	0.32	0.67

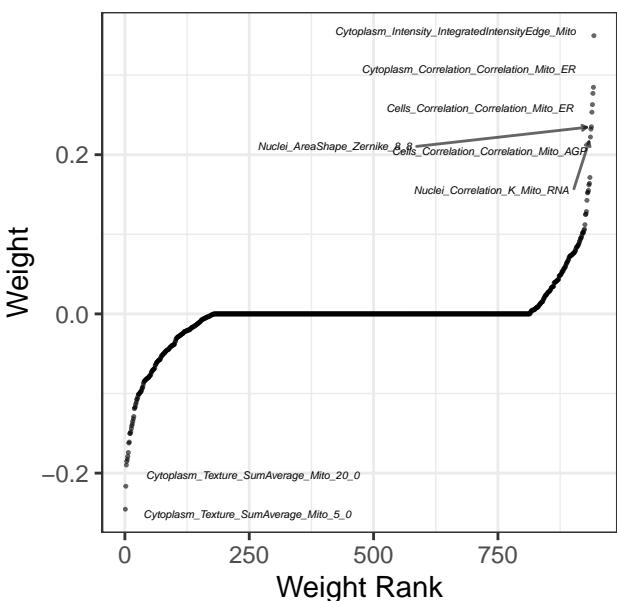


Performance: cc_g1_n_spots_h2ax_mean

Transform: raw

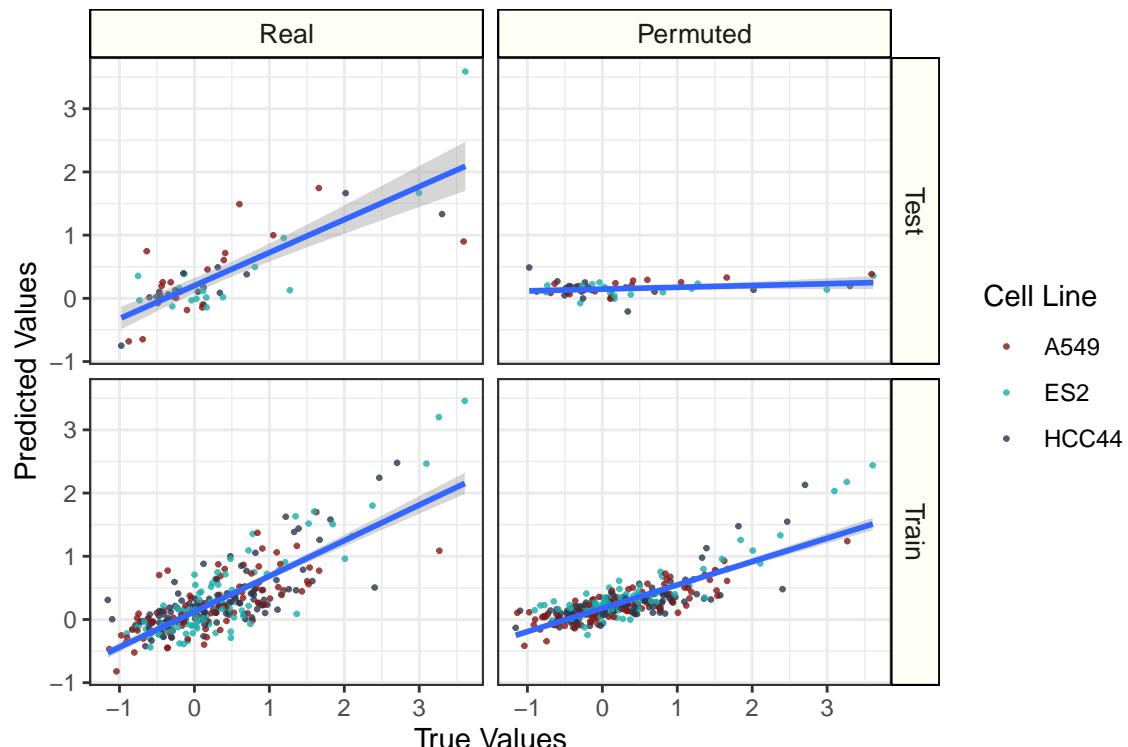


fit	shuffle	transform	r2	value
Train	Real	raw	0.57	0.26
Test	Real	raw	0.55	0.44
Train	Shuffle	raw	0.55	0.27
Test	Shuffle	raw	0.21	0.76

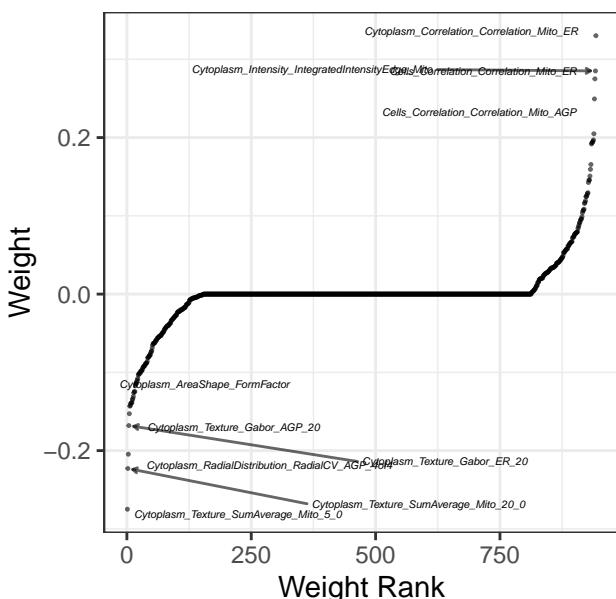


Performance: cc_g1_n_spots_h2ax_per_nucleus_area_mean

Transform: raw

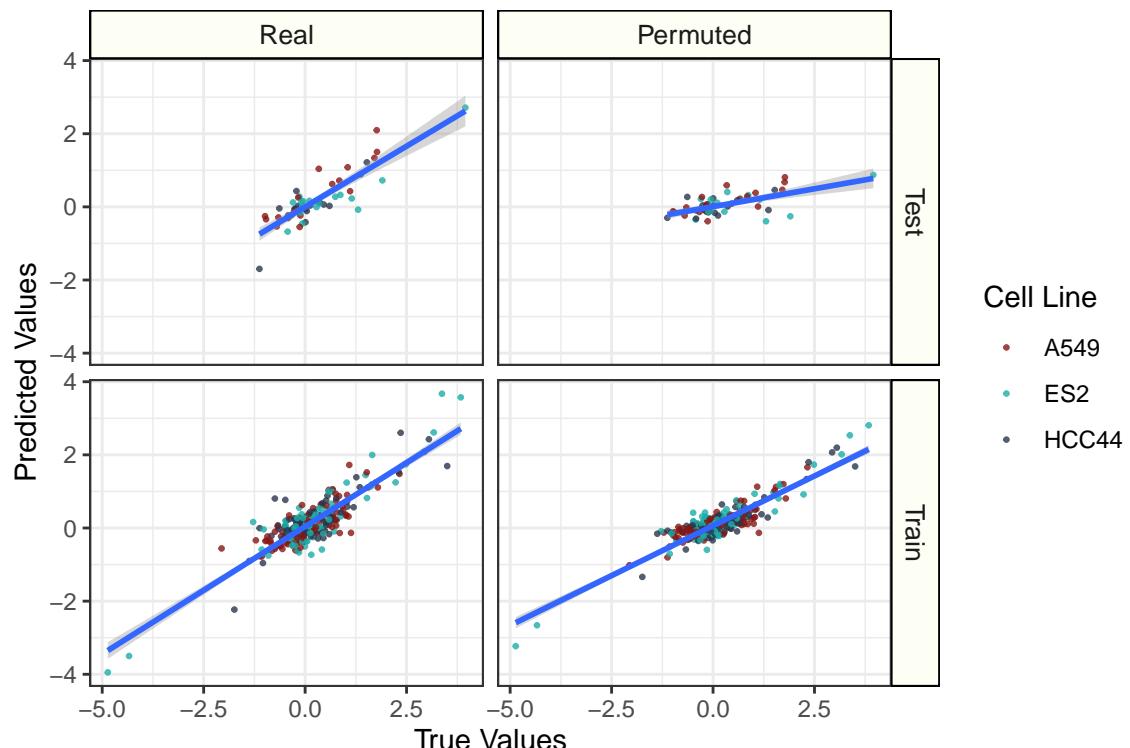


fit	shuffle	transform	r2	value
Train	Real	raw	0.62	0.23
Test	Real	raw	0.61	0.44
Train	Shuffle	raw	0.54	0.28
Test	Shuffle	raw	0.03	1.10

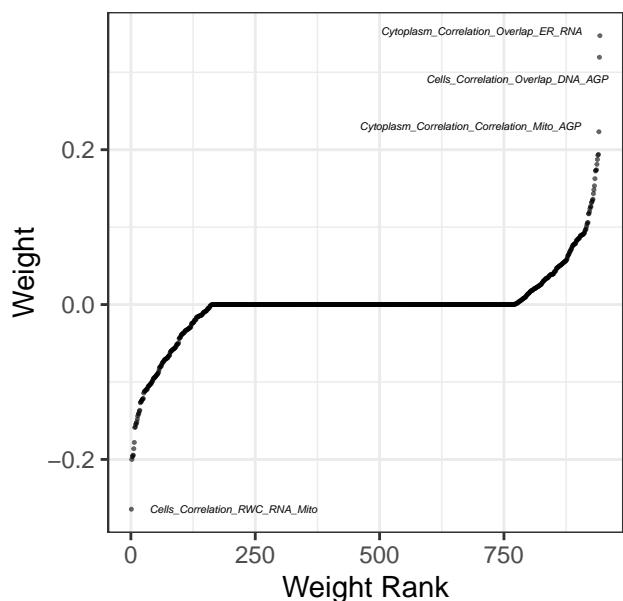


Performance: cc_g1_plus_g2_count

Transform: raw

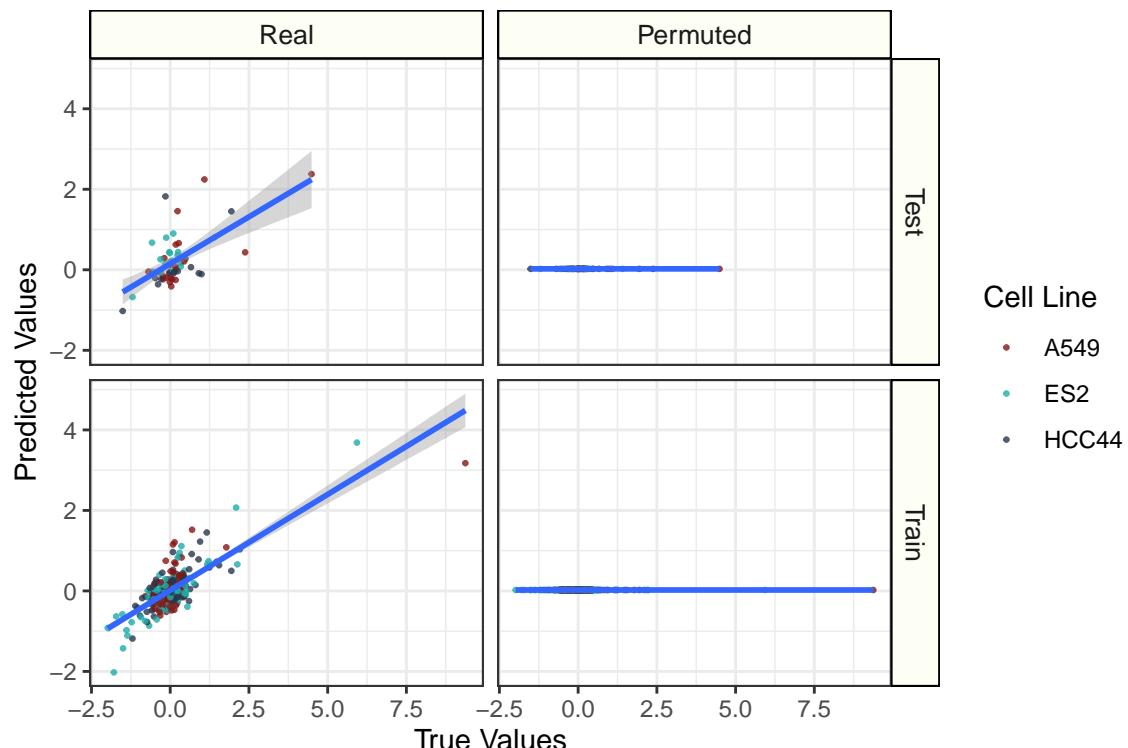


fit	shuffle	transform	r2	value
Train	Real	raw	0.75	0.19
Test	Real	raw	0.72	0.23
Train	Shuffle	raw	0.72	0.22
Test	Shuffle	raw	0.23	0.61

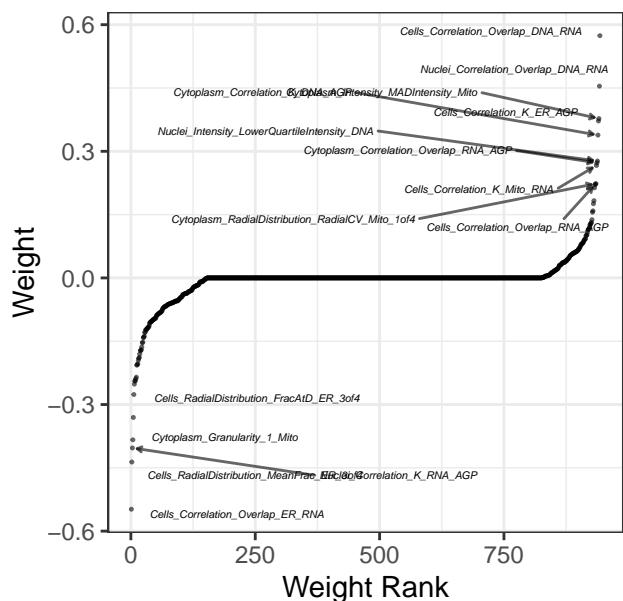


Performance: cc_g2_g1_count

Transform: raw

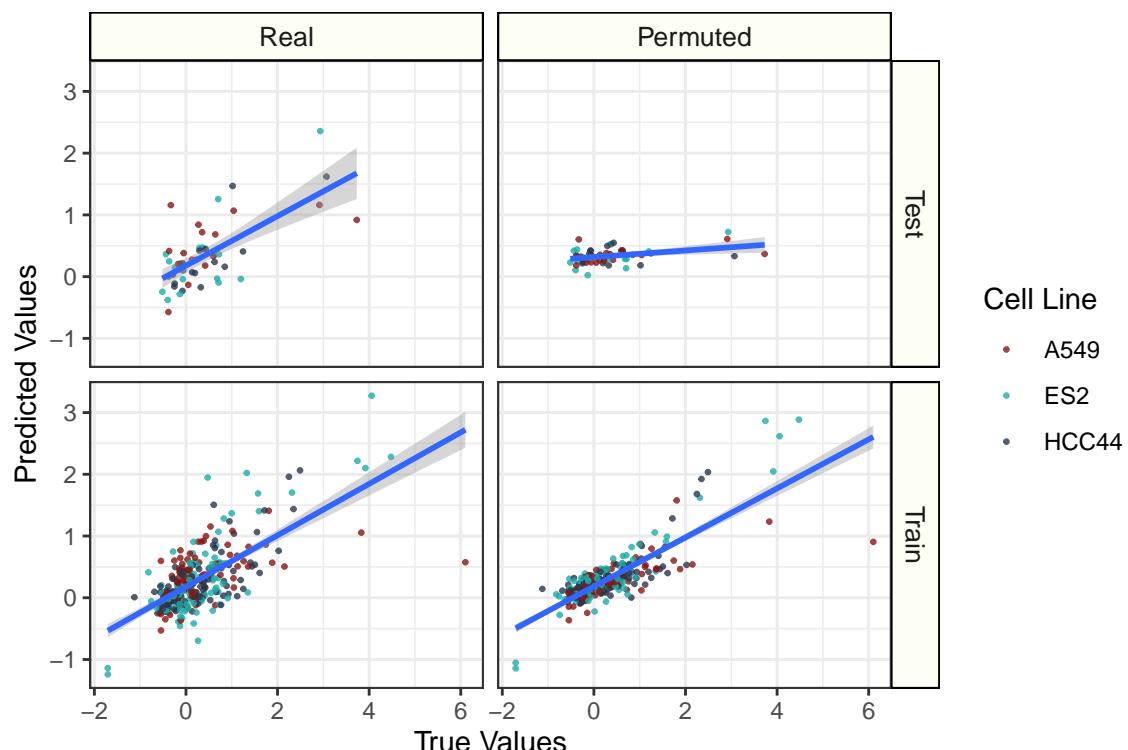


fit	shuffle	transform	r2	value
Train	Real	raw	0.57	0.30
Test	Real	raw	0.37	0.47
Train	Shuffle	raw	0.00	0.70
Test	Shuffle	raw	-0.04	0.77

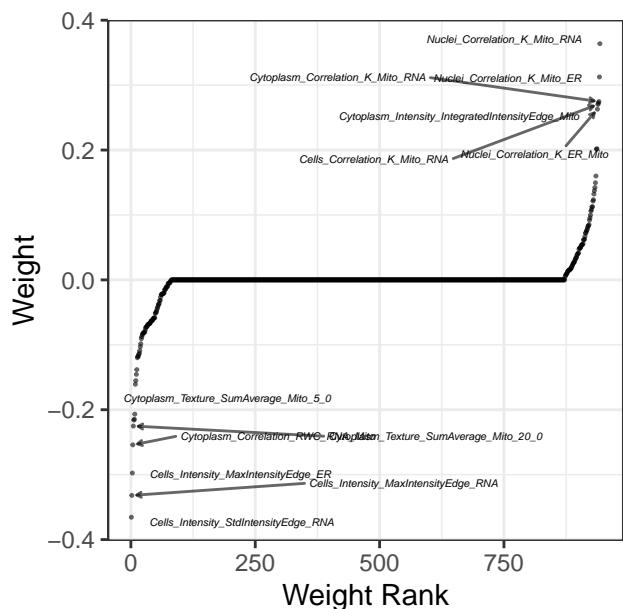


Performance: cc_g2_high_h2ax

Transform: raw

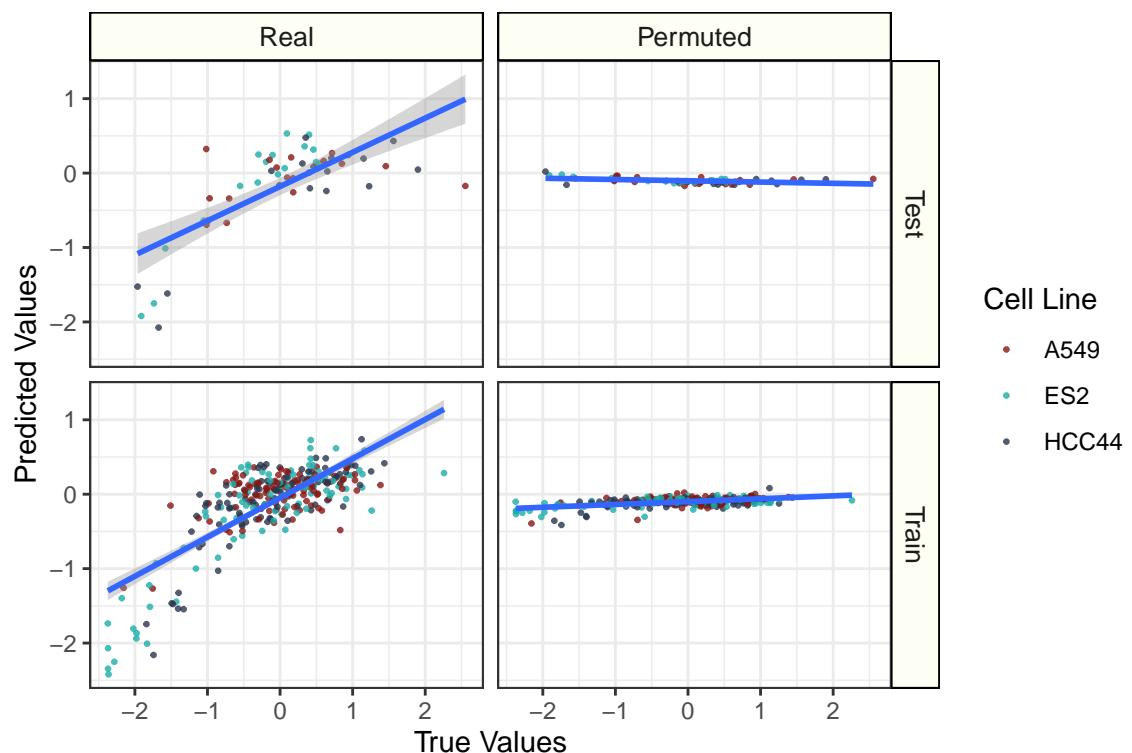


fit	shuffle	transform	r2	value
Train	Real	raw	0.47	0.39
Test	Real	raw	0.45	0.45
Train	Shuffle	raw	0.56	0.33
Test	Shuffle	raw	0.08	0.75

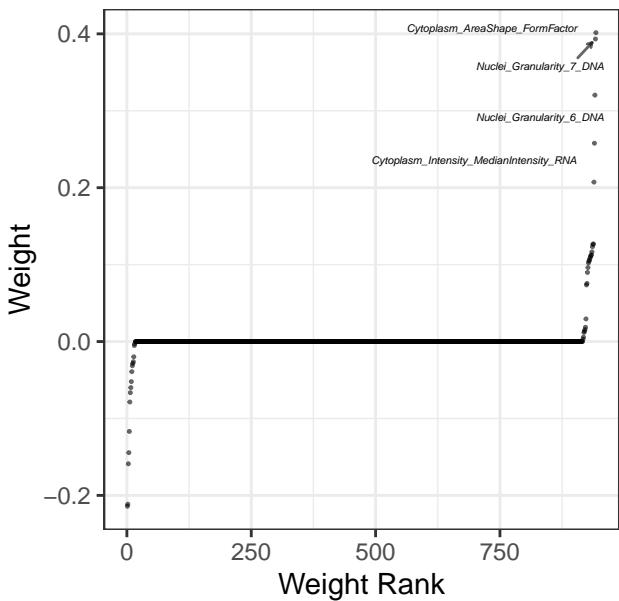


Performance: cc_g2_n_objects

Transform: raw

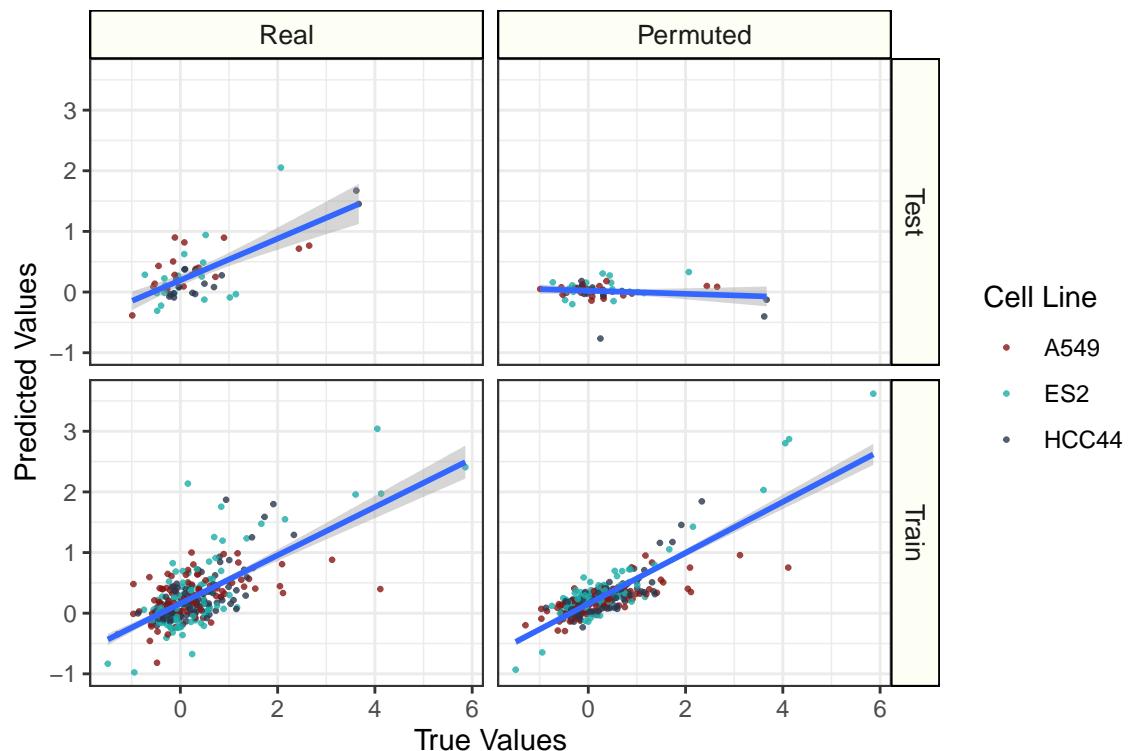


fit	shuffle	transform	r2	value
Train	Real	raw	0.57	0.26
Test	Real	raw	0.47	0.48
Train	Shuffle	raw	0.07	0.55
Test	Shuffle	raw	-0.06	0.95

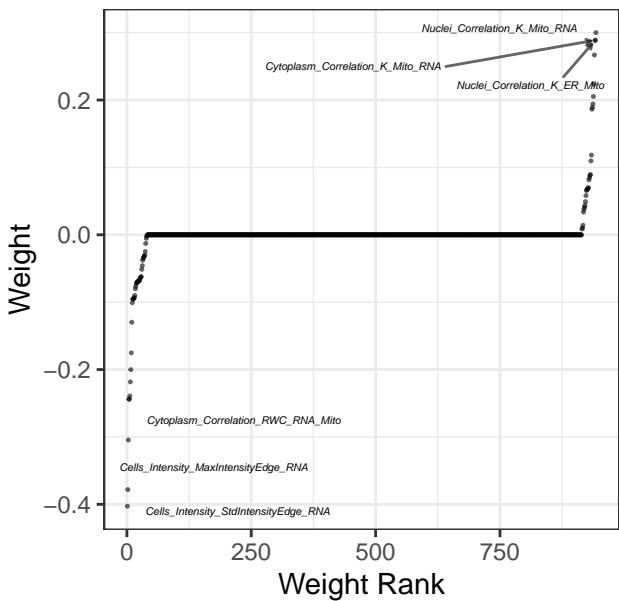


Performance: cc_g2_n_spots_h2ax_mean

Transform: raw

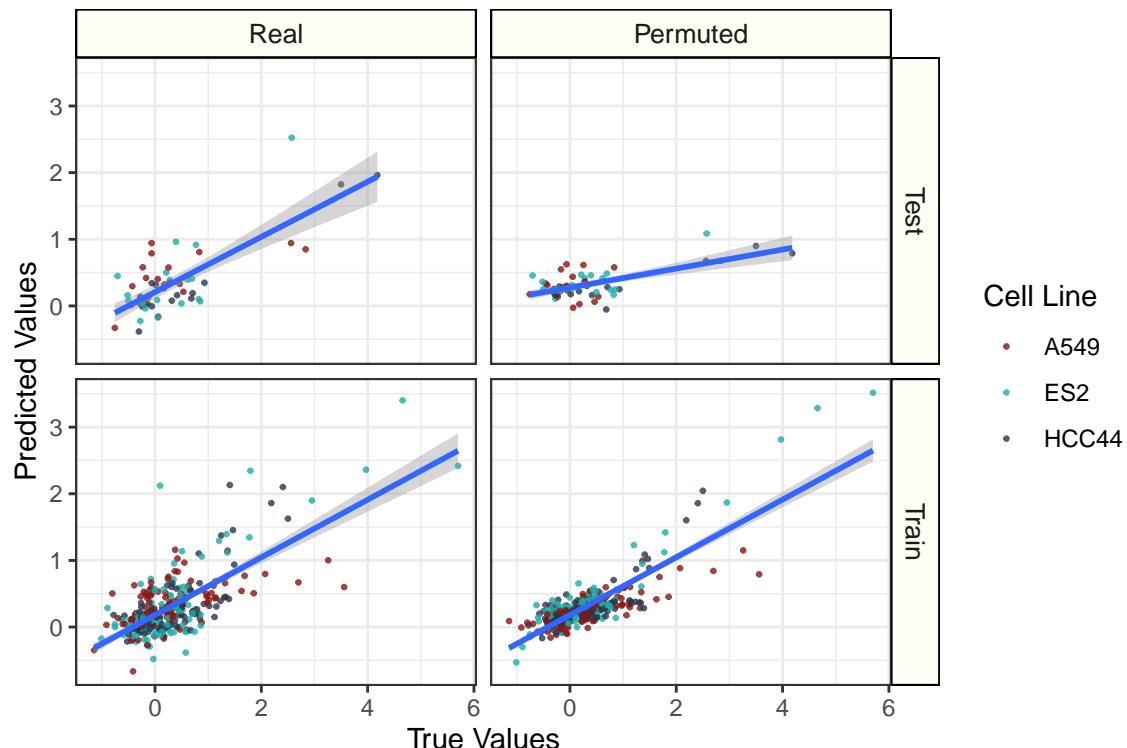


fit	shuffle	transform	r2	value
Train	Real	raw	0.46	0.36
Test	Real	raw	0.45	0.49
Train	Shuffle	raw	0.59	0.27
Test	Shuffle	raw	-0.19	1.07

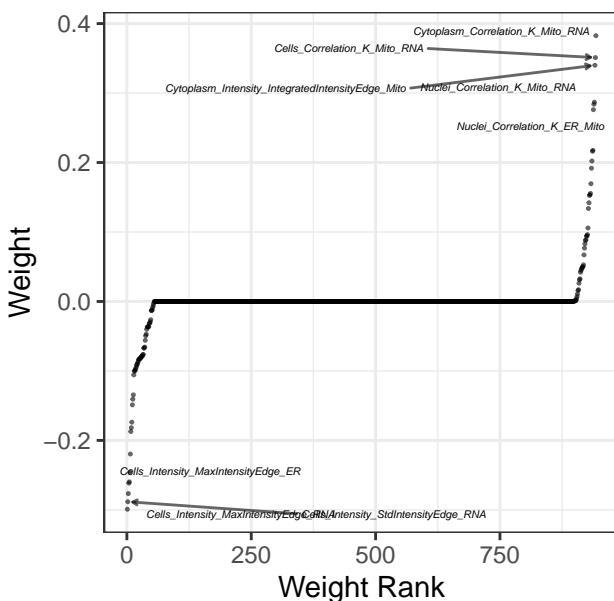


Performance: cc_g2_n_spots_h2ax_per_nucleus_area_mean

Transform: raw

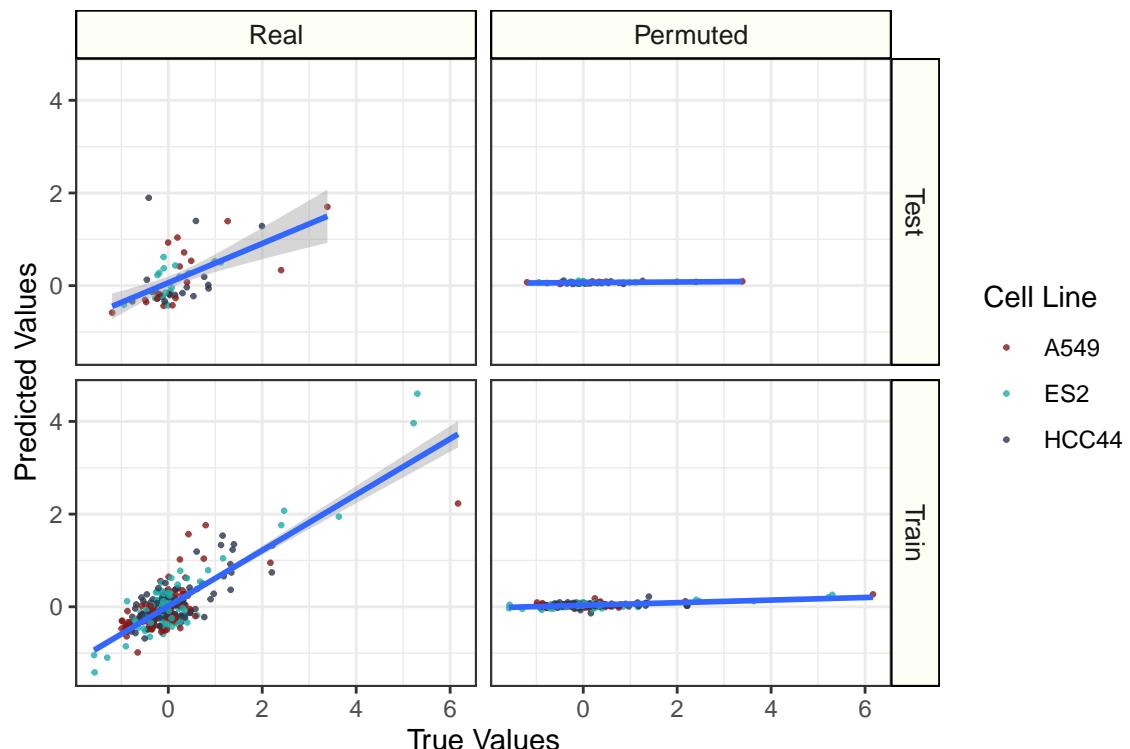


fit	shuffle	transform	r2	value
Train	Real	raw	0.50	0.33
Test	Real	raw	0.54	0.45
Train	Shuffle	raw	0.60	0.26
Test	Shuffle	raw	0.23	0.75

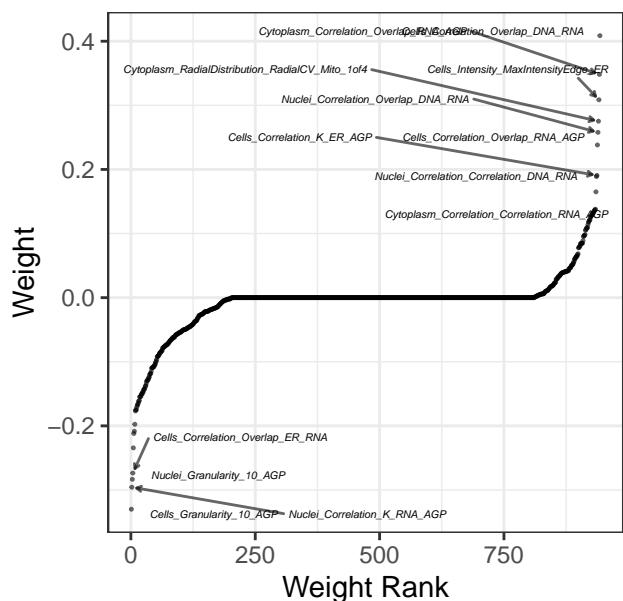


Performance: cc_g2_plus_all_m_count

Transform: raw

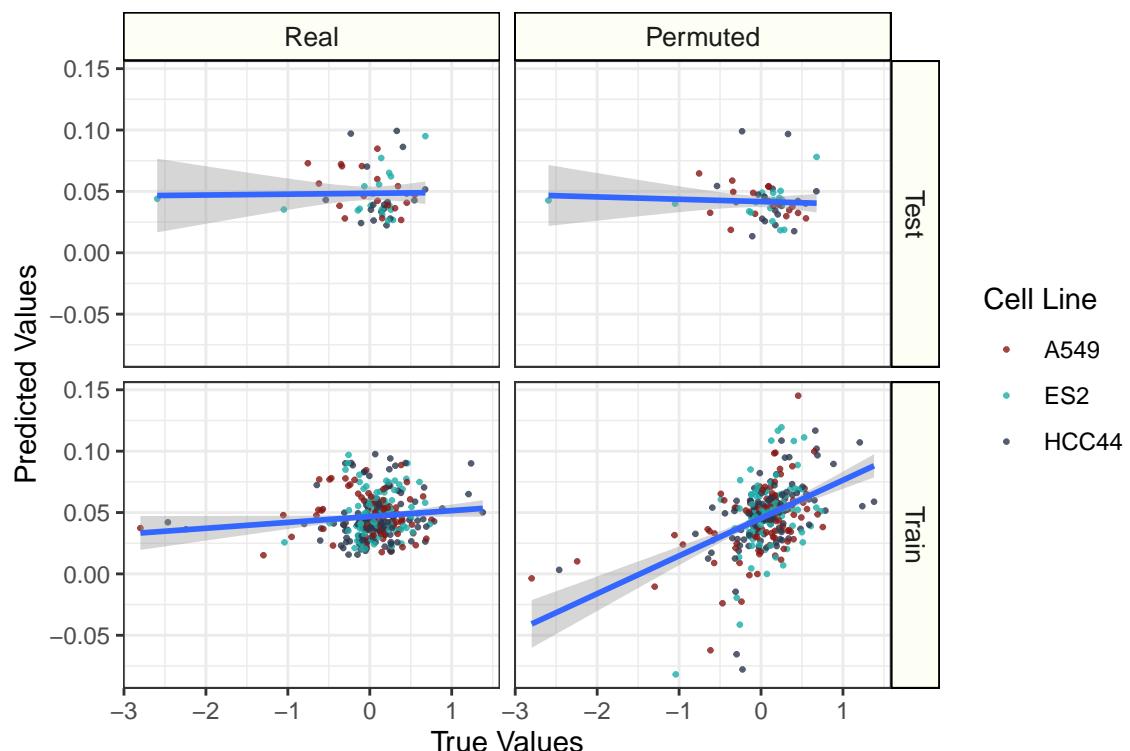


fit	shuffle	transform	r2	value
Train	Real	raw	0.68	0.21
Test	Real	raw	0.27	0.42
Train	Shuffle	raw	0.05	0.62
Test	Shuffle	raw	-0.02	0.59

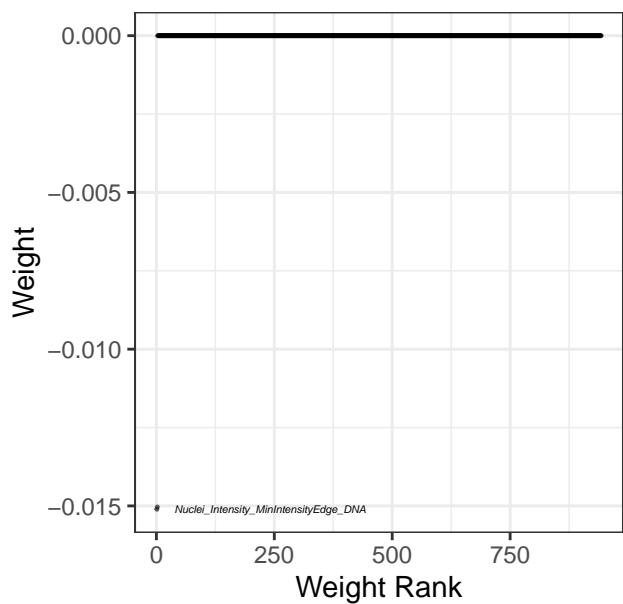


Performance: cc_infection_percentage

Transform: raw

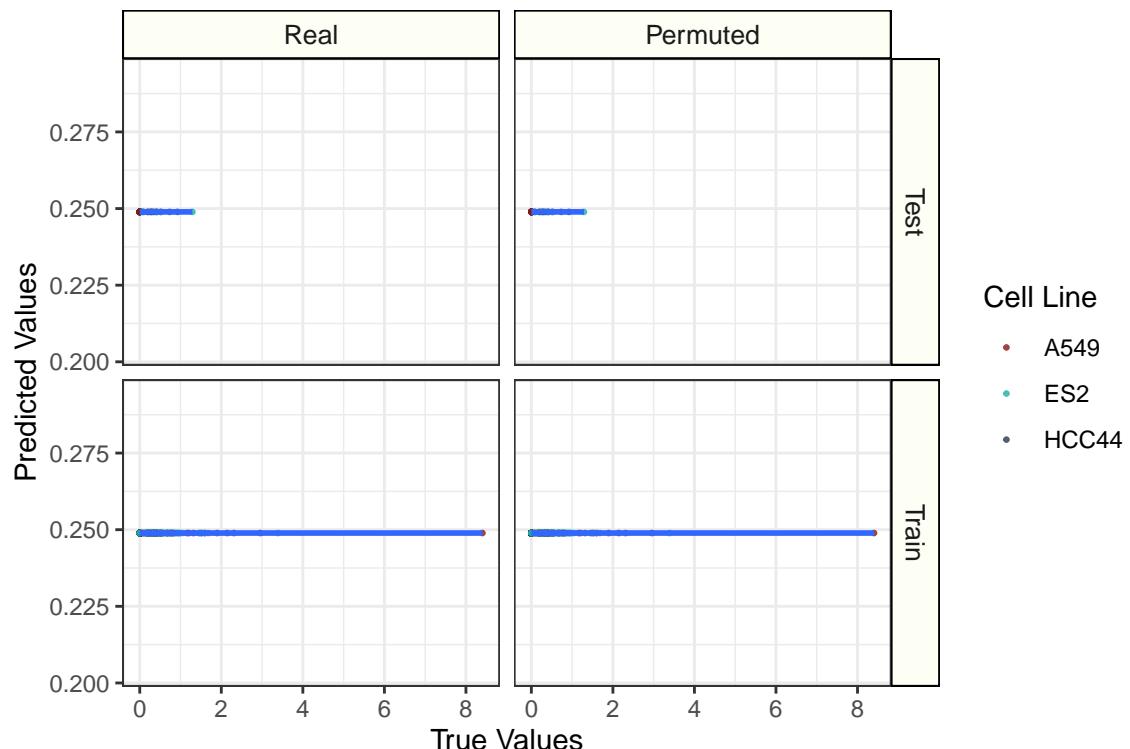


fit	shuffle	transform	r2	value
Train	Real	raw	0.01	0.17
Test	Real	raw	0.00	0.24
Train	Shuffle	raw	0.06	0.17
Test	Shuffle	raw	-0.01	0.24

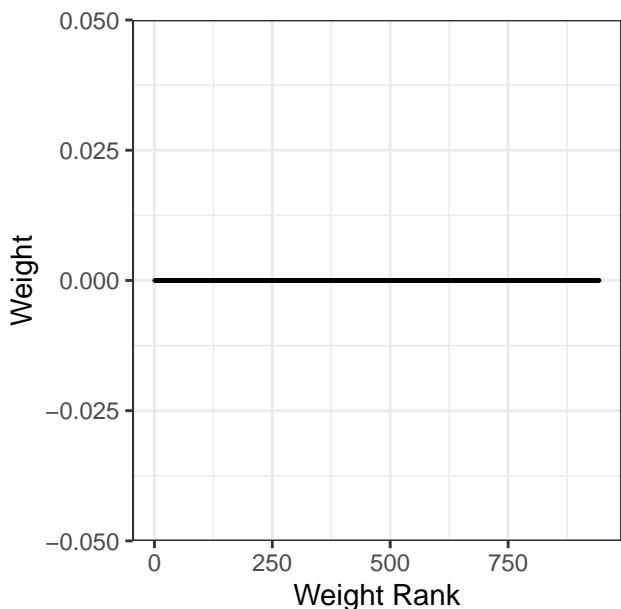


Performance: cc_late_mitosis_high_h2ax

Transform: raw

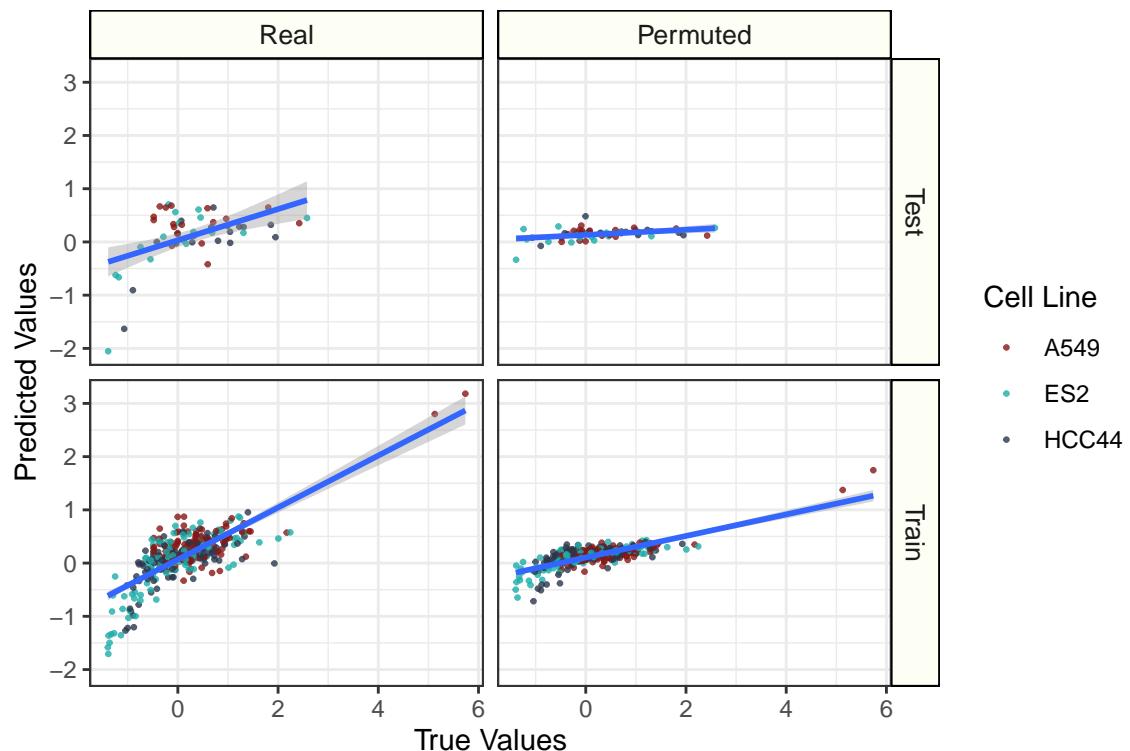


fit	shuffle	transform	r2	value
Train	Real	raw	0.00	0.43
Test	Real	raw	-0.19	0.08
Train	Shuffle	raw	0.00	0.43
Test	Shuffle	raw	-0.19	0.08

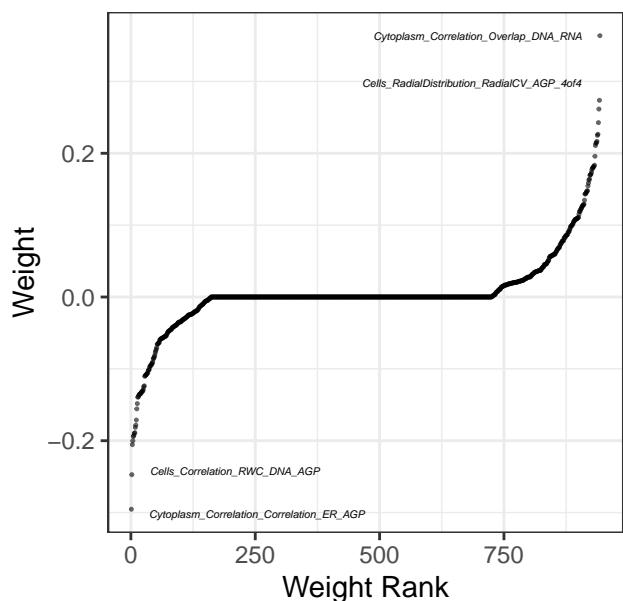


Performance: cc_late_mitosis_n_objects

Transform: raw

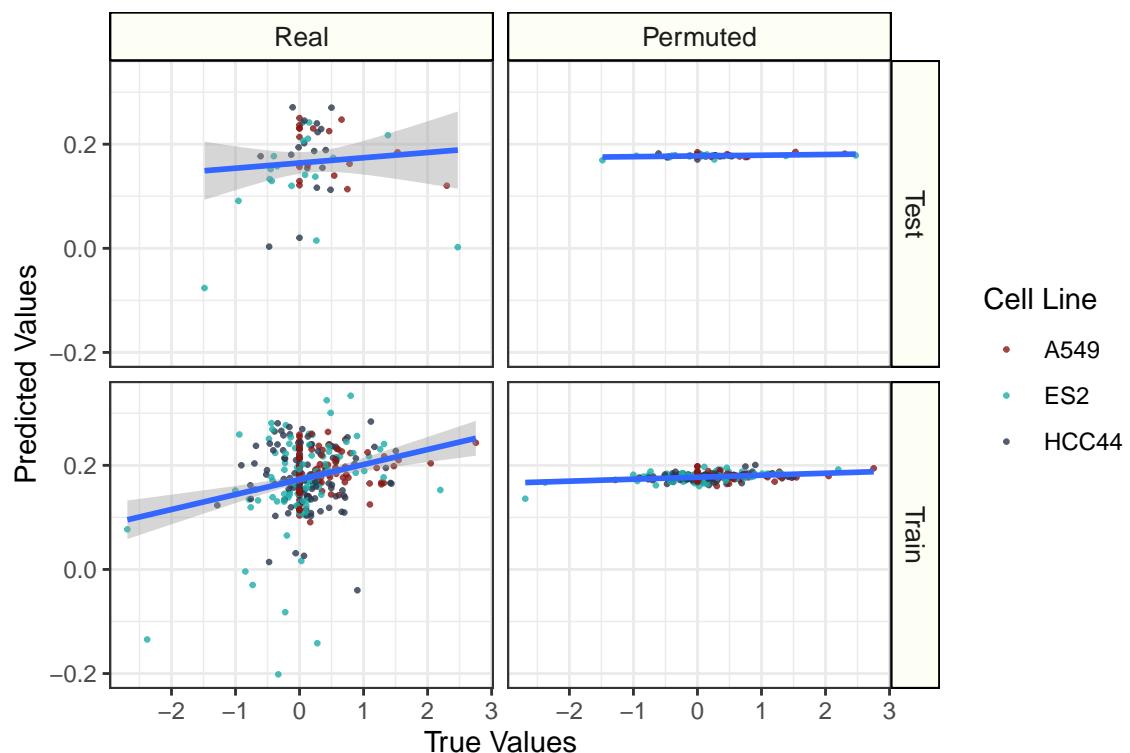


fit	shuffle	transform	r2	value
Train	Real	raw	0.57	0.28
Test	Real	raw	0.19	0.61
Train	Shuffle	raw	0.34	0.43
Test	Shuffle	raw	0.05	0.71

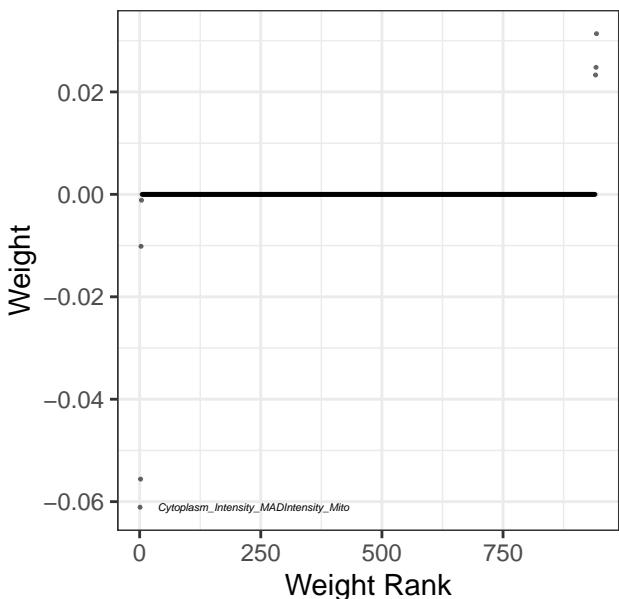


Performance: cc_late_mitosis_n_spots_h2ax_mean

Transform: raw

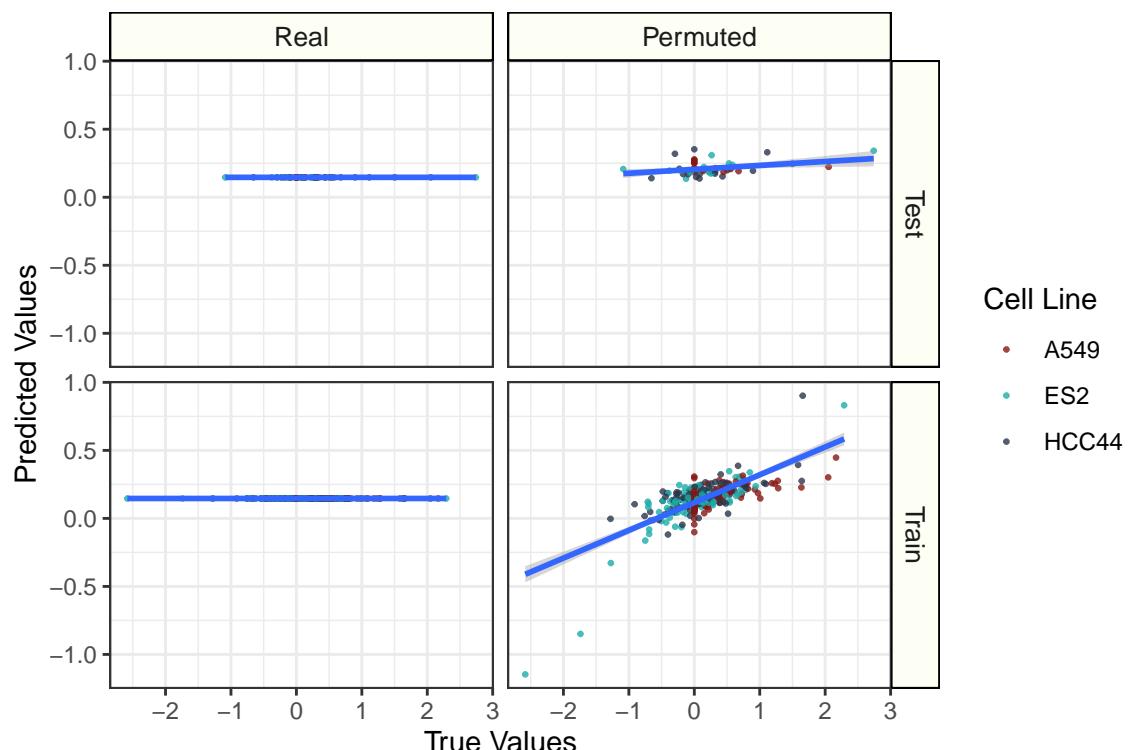


fit	shuffle	transform	r2	value
Train	Real	raw	0.04	0.30
Test	Real	raw	0.01	0.41
Train	Shuffle	raw	0.01	0.31
Test	Shuffle	raw	0.00	0.41

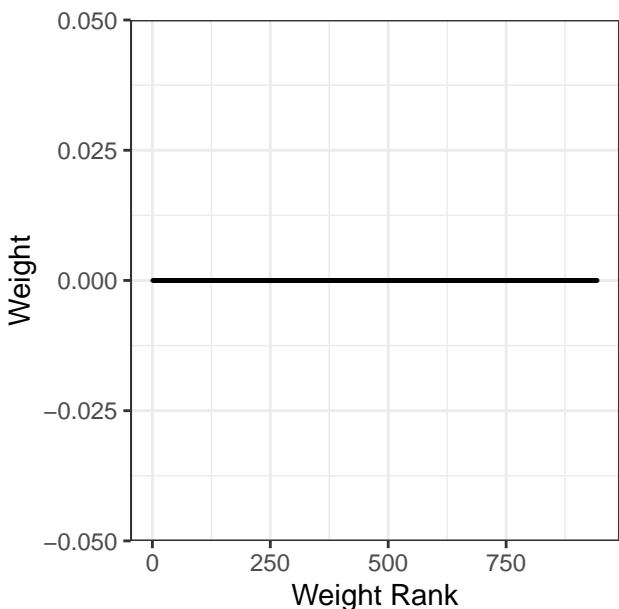


Performance: cc_late_mitosis_n_spots_h2ax_per_nucleus_area

Transform: raw

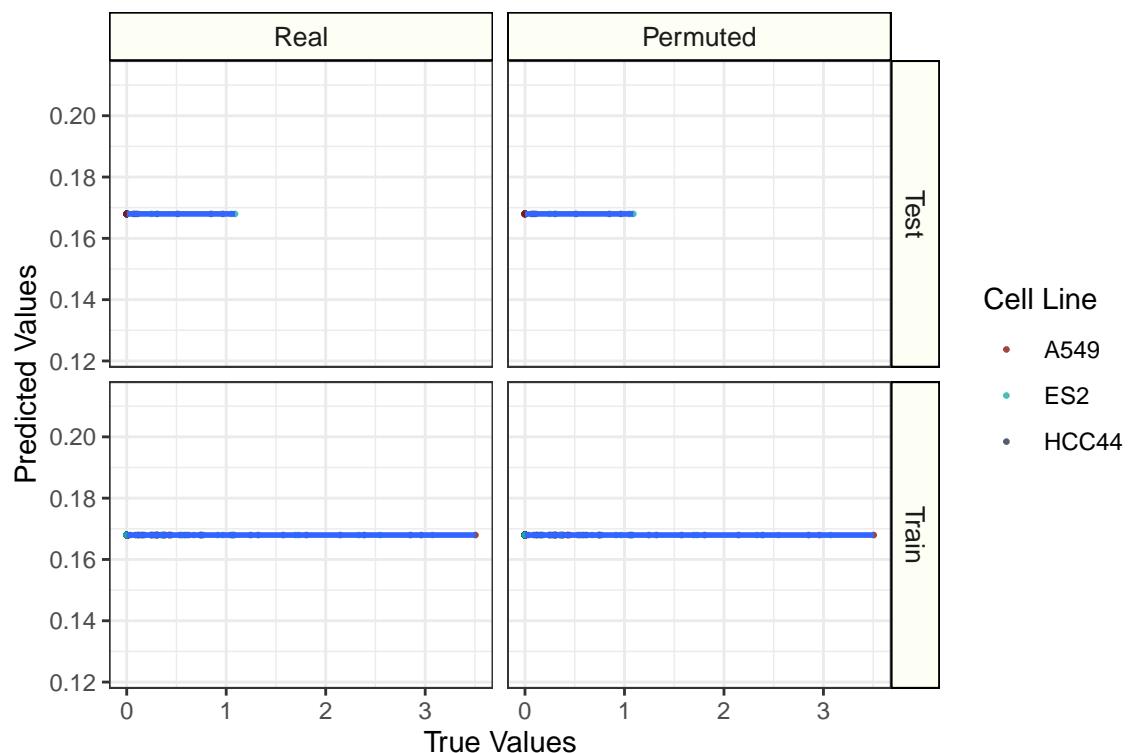


fit	shuffle	transform	r2	value
Train	Real	raw	0.00	0.26
Test	Real	raw	-0.03	0.35
Train	Shuffle	raw	0.33	0.18
Test	Shuffle	raw	0.05	0.32

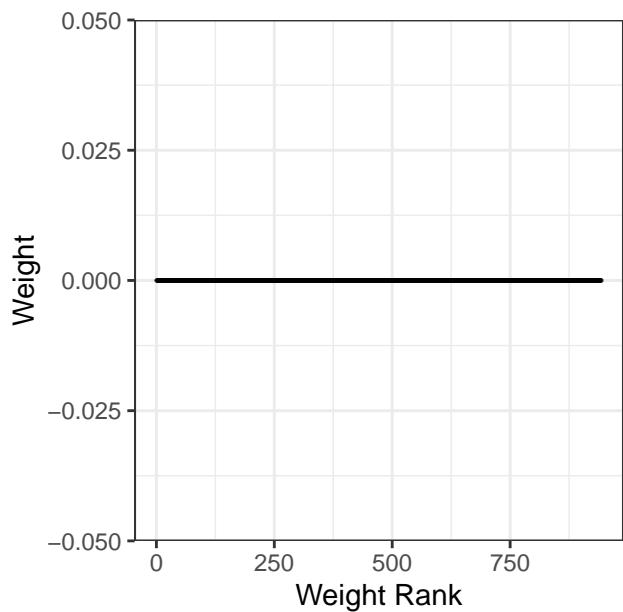


Performance: cc_mitosis_high_h2ax

Transform: raw

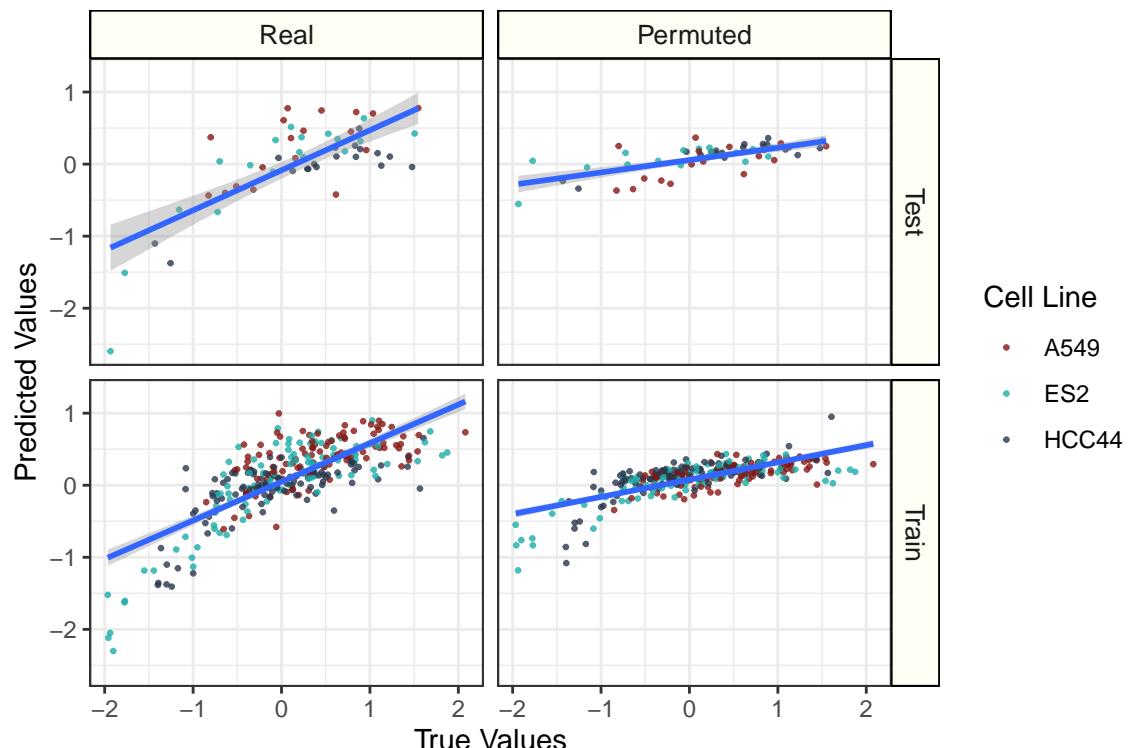


fit	shuffle	transform	r2	value
Train	Real	raw	0.00	0.26
Test	Real	raw	-0.07	0.08
Train	Shuffle	raw	0.00	0.26
Test	Shuffle	raw	-0.07	0.08

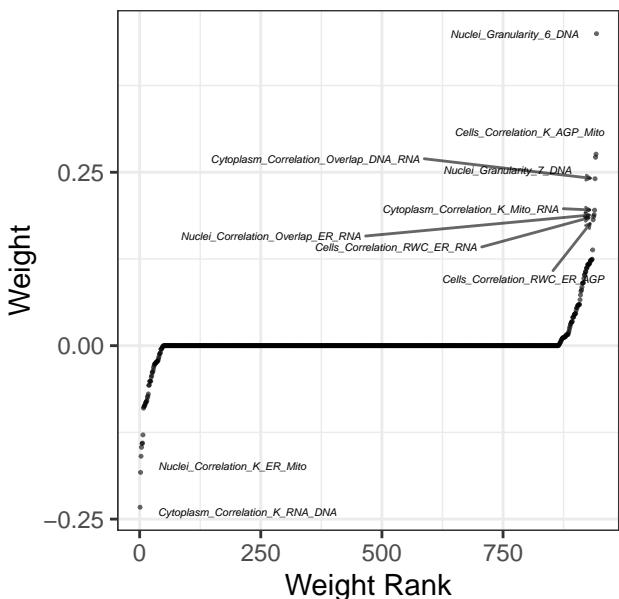


Performance: cc_mitosis_n_objects

Transform: raw

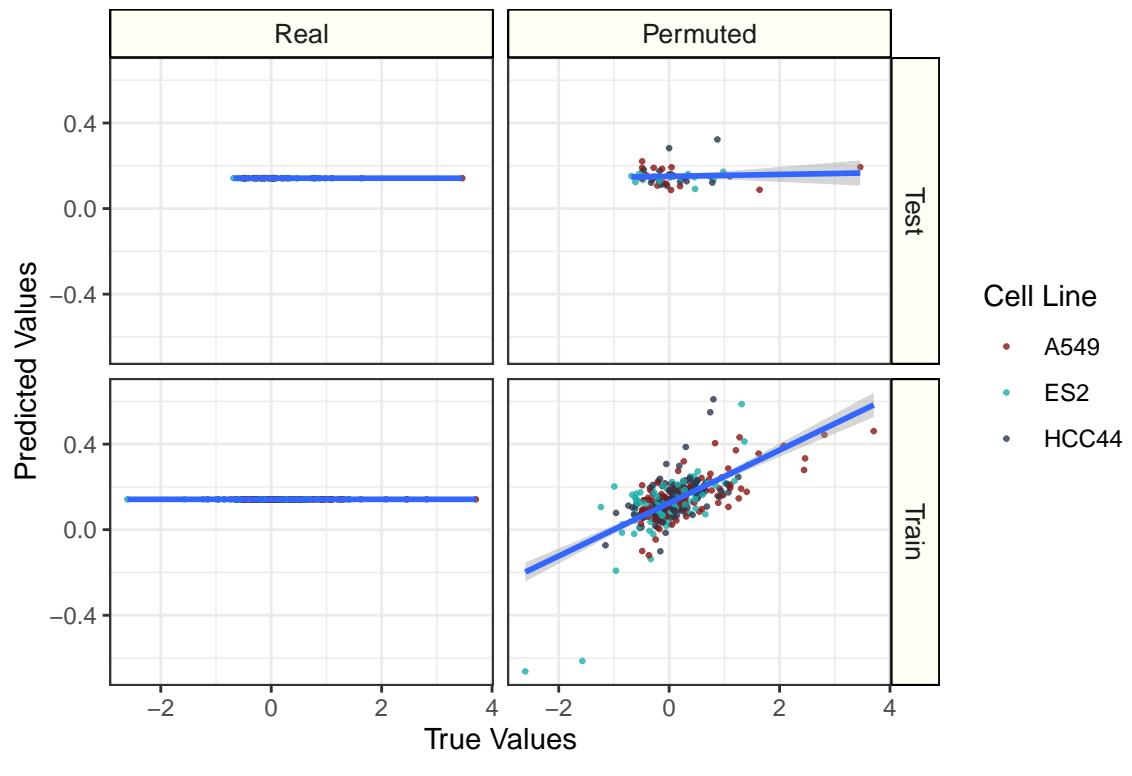


fit	shuffle	transform	r2	value
Train	Real	raw	0.58	0.23
Test	Real	raw	0.50	0.32
Train	Shuffle	raw	0.37	0.35
Test	Shuffle	raw	0.26	0.48

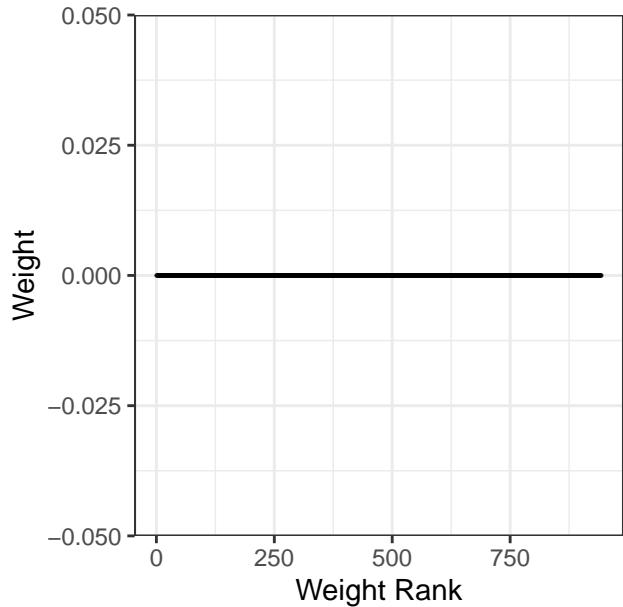


Performance: cc_mitosis_n_spots_h2ax_mean

Transform: raw

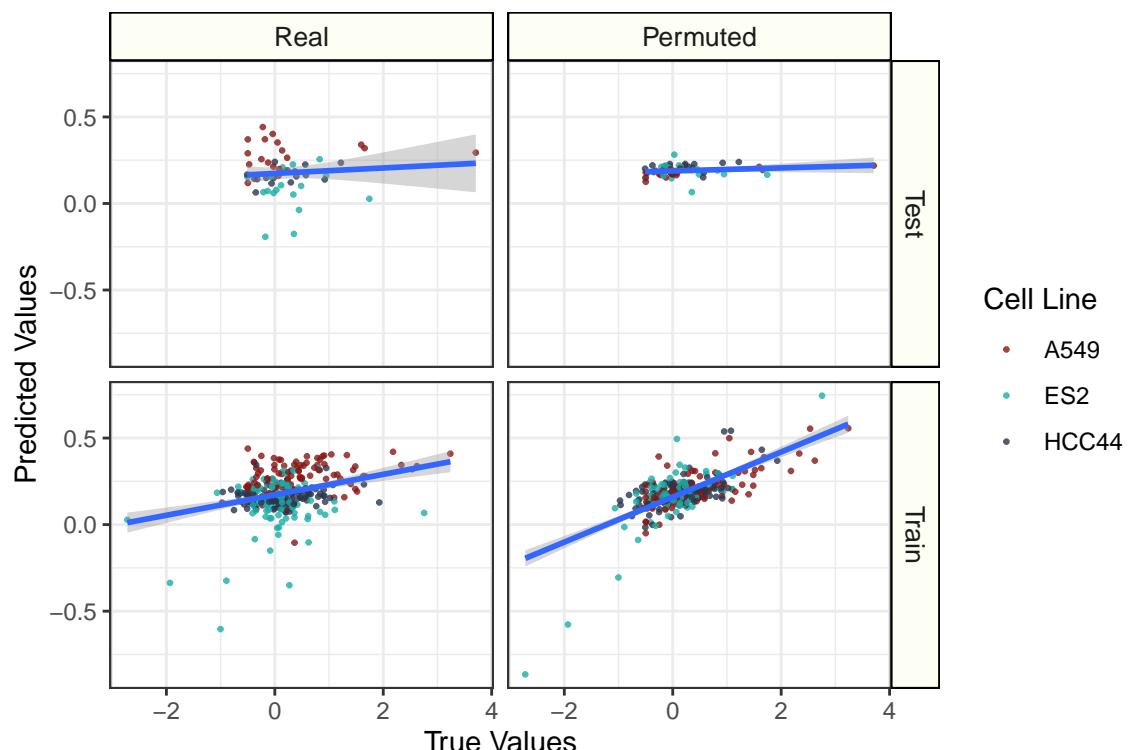


fit	shuffle	transform	r2	value
Train	Real	raw	0.00	0.40
Test	Real	raw	-0.01	0.45
Train	Shuffle	raw	0.21	0.31
Test	Shuffle	raw	-0.01	0.44

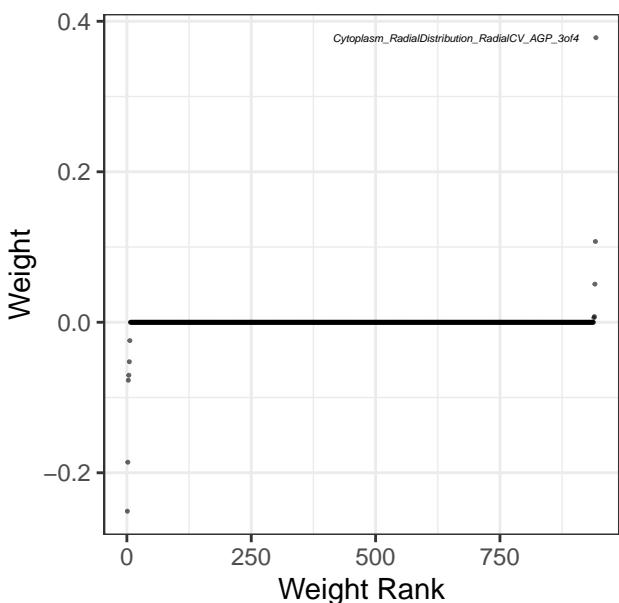


Performance: cc_mitosis_n_spots_h2ax_per_nucleus_area_mean

Transform: raw

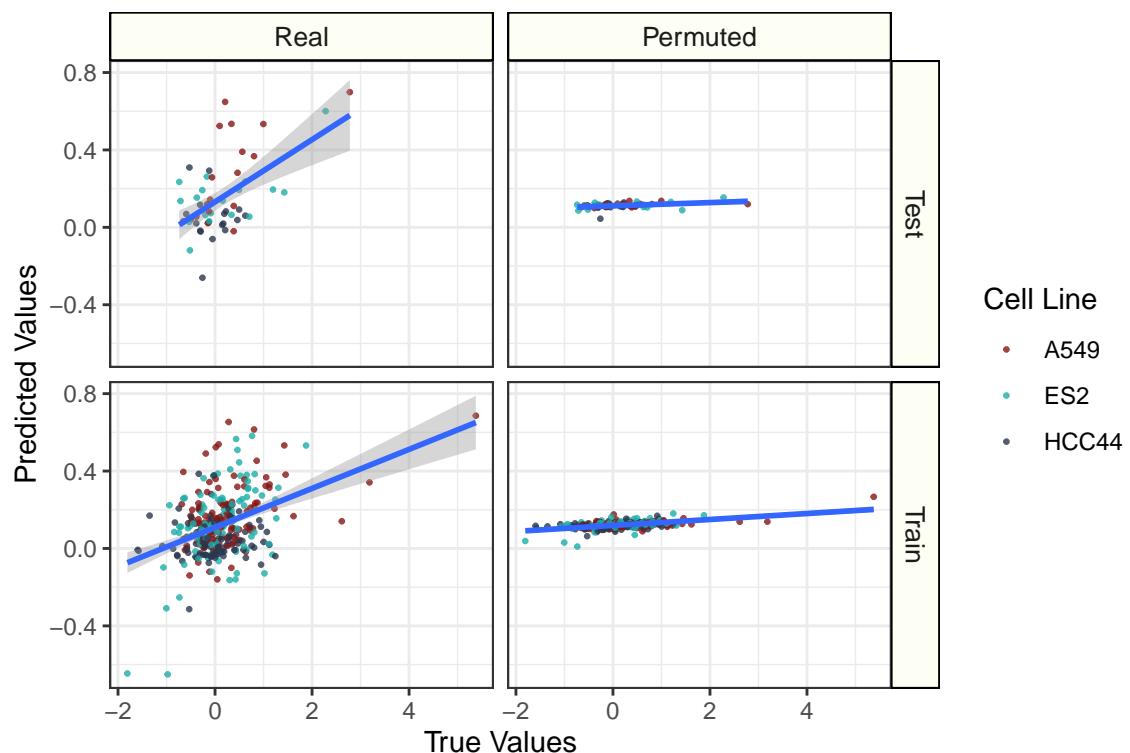


fit	shuffle	transform	r2	value
Train	Real	raw	0.09	0.39
Test	Real	raw	0.00	0.51
Train	Shuffle	raw	0.22	0.33
Test	Shuffle	raw	0.01	0.50

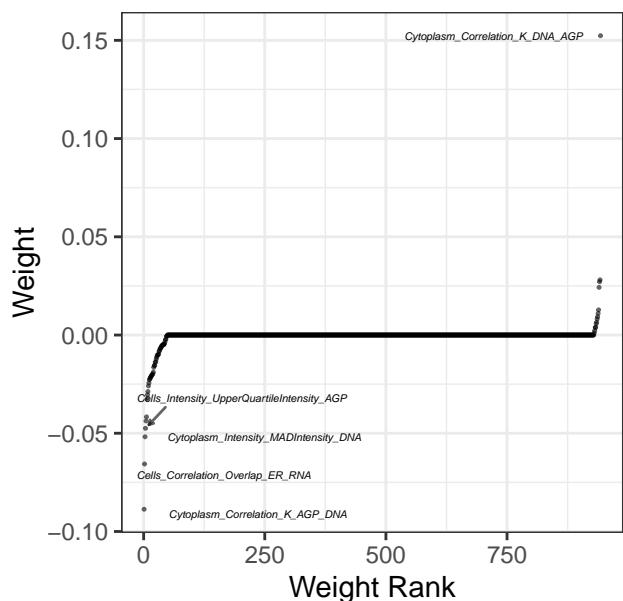


Performance: cc_polynuclear_high_h2ax

Transform: raw

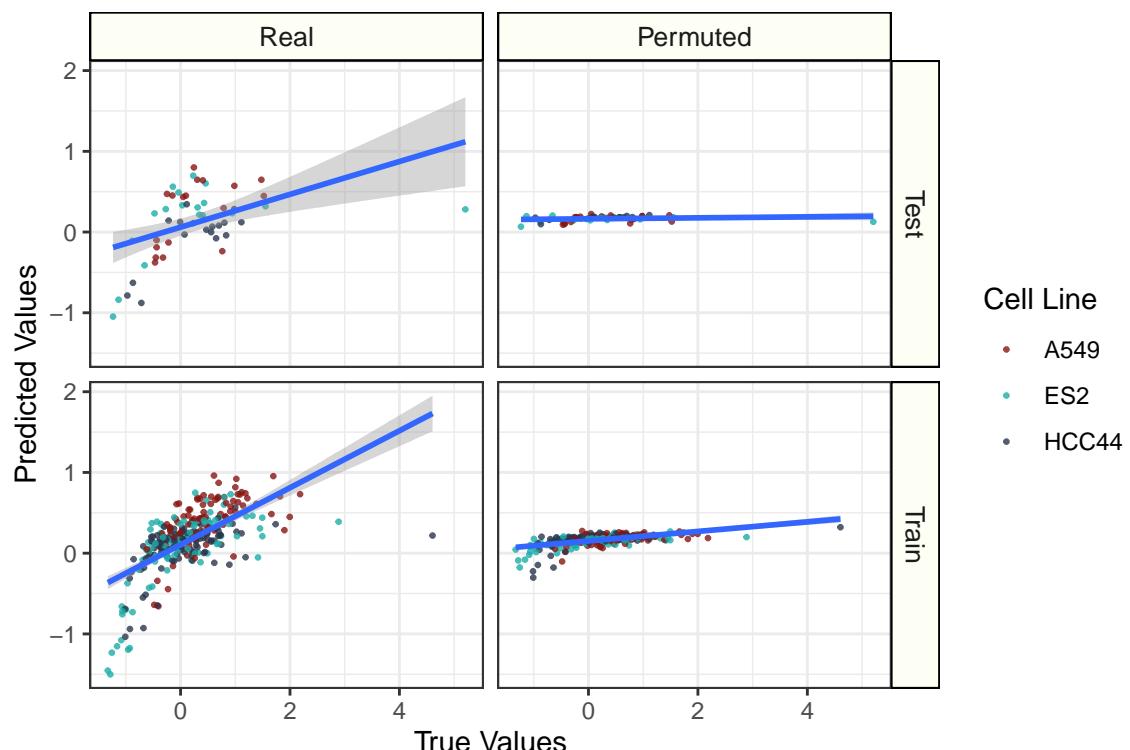


fit	shuffle	transform	r2	value
Train	Real	raw	0.14	0.39
Test	Real	raw	0.24	0.34
Train	Shuffle	raw	0.03	0.44
Test	Shuffle	raw	0.01	0.44

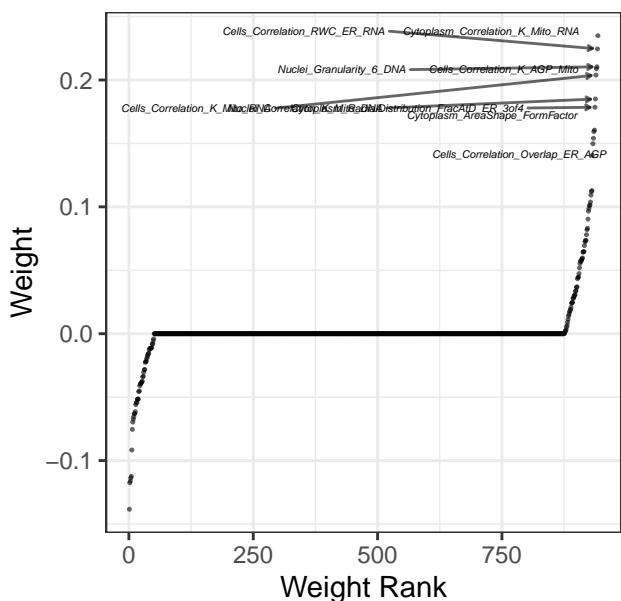


Performance: cc_polynuclear_n_objects

Transform: raw

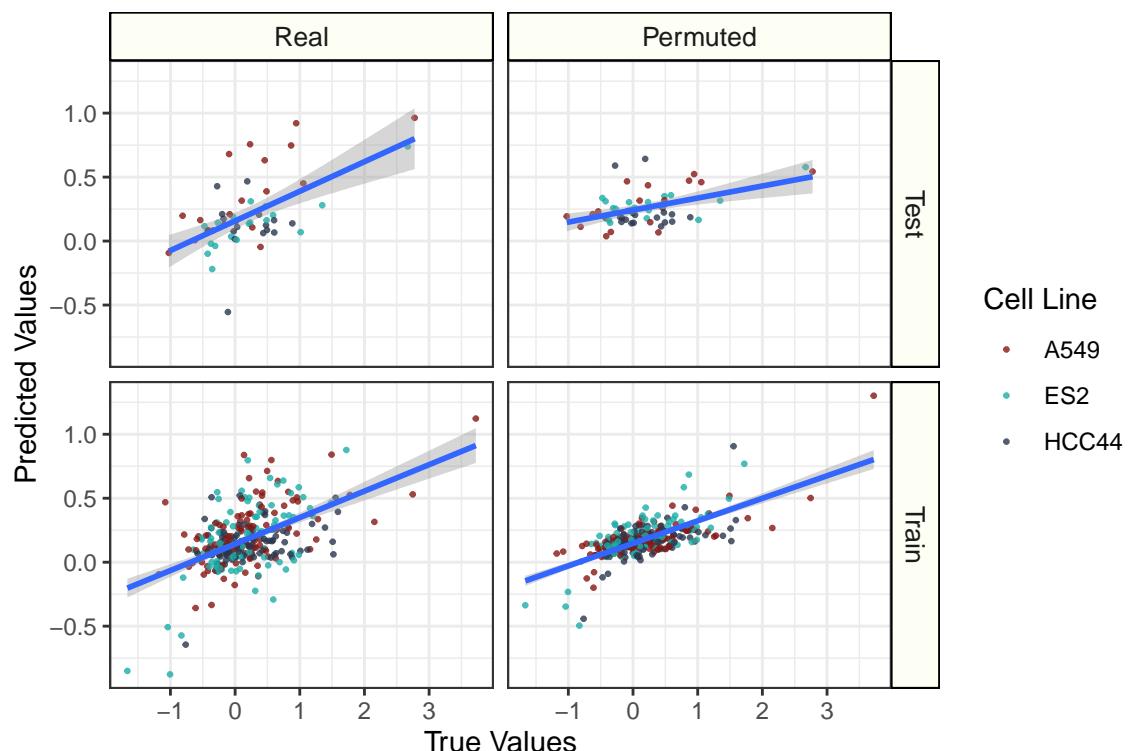


fit	shuffle	transform	r2	value
Train	Real	raw	0.39	0.29
Test	Real	raw	0.19	0.72
Train	Shuffle	raw	0.11	0.43
Test	Shuffle	raw	0.00	0.89

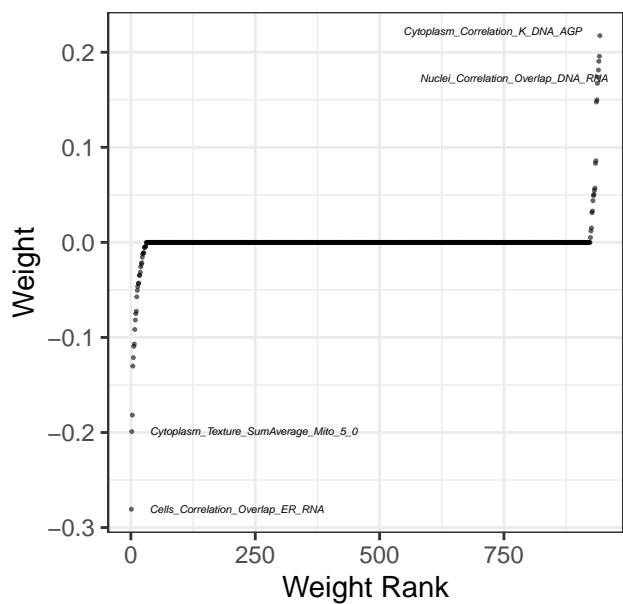


Performance: cc_polynuclear_n_spots_h2ax_mean

Transform: raw

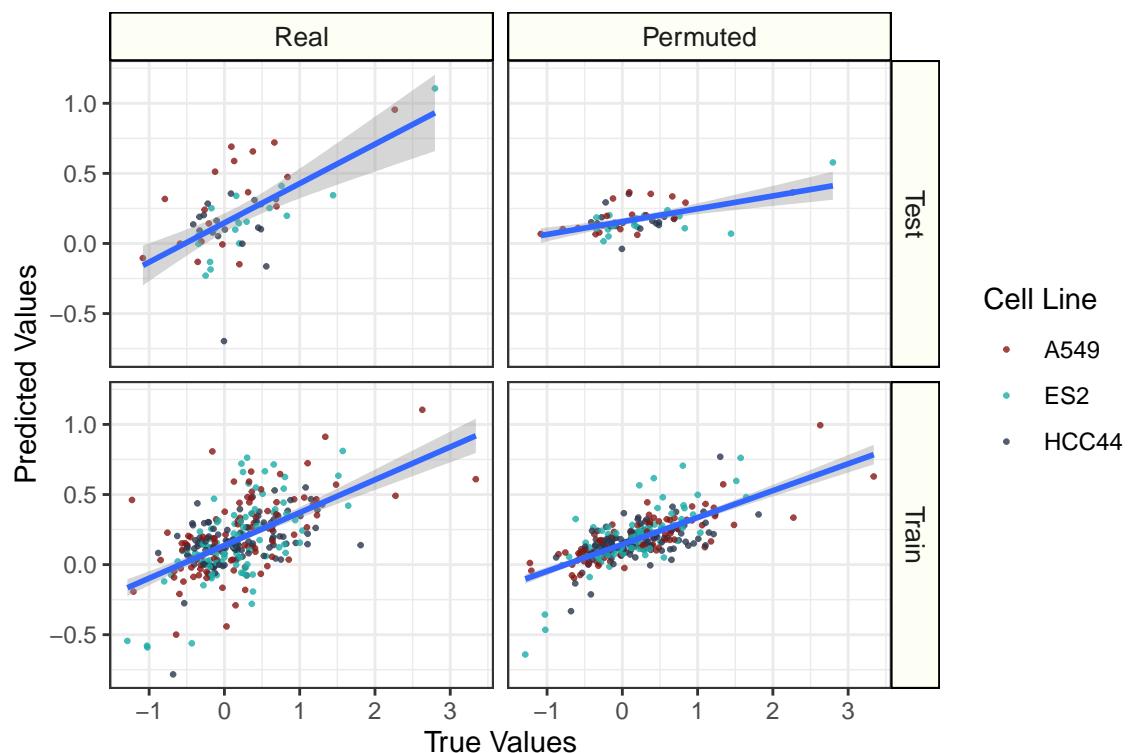


fit	shuffle	transform	r2	value
Train	Real	raw	0.26	0.26
Test	Real	raw	0.31	0.33
Train	Shuffle	raw	0.29	0.25
Test	Shuffle	raw	0.14	0.41

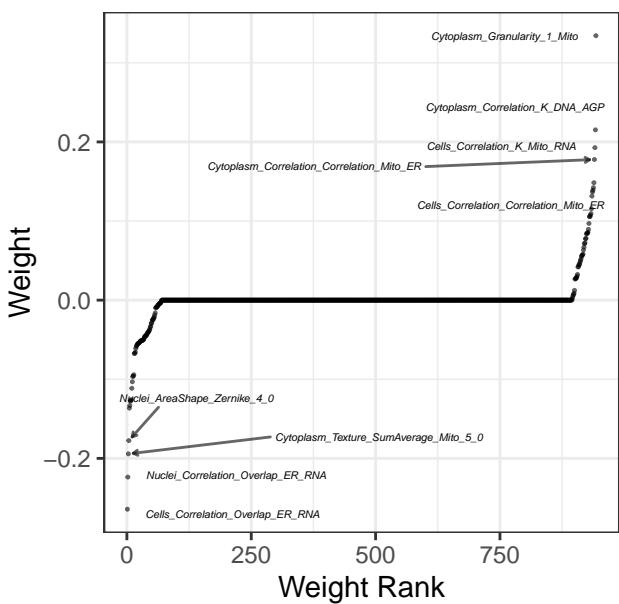


Performance: cc_polynuclear_n_spots_h2ax_per_nucleus_area

Transform: raw

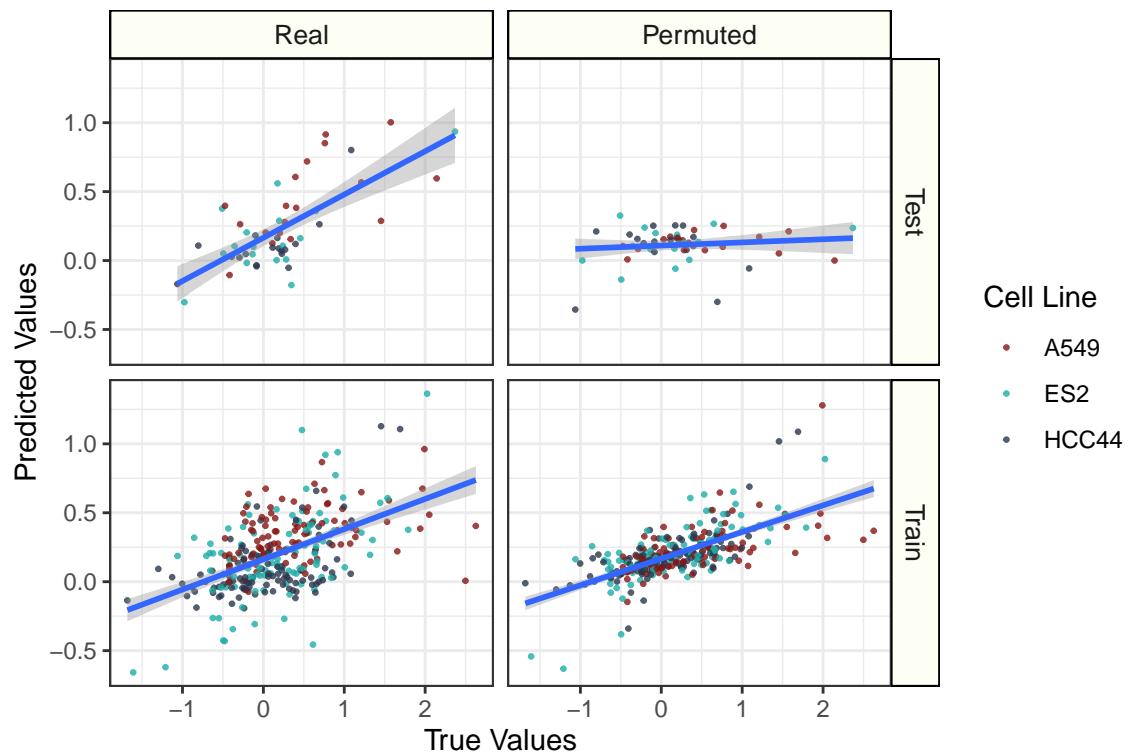


fit	shuffle	transform	r2	value
Train	Real	raw	0.30	0.24
Test	Real	raw	0.35	0.27
Train	Shuffle	raw	0.31	0.24
Test	Shuffle	raw	0.16	0.35

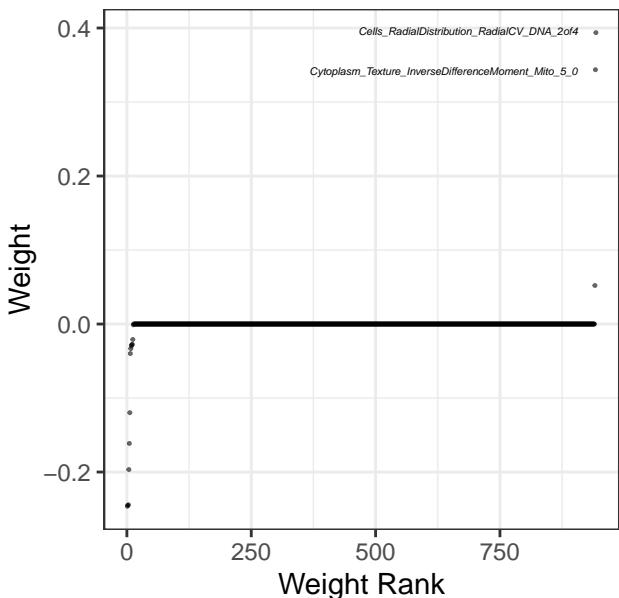


Performance: cc_polyplloid_high_h2ax

Transform: raw

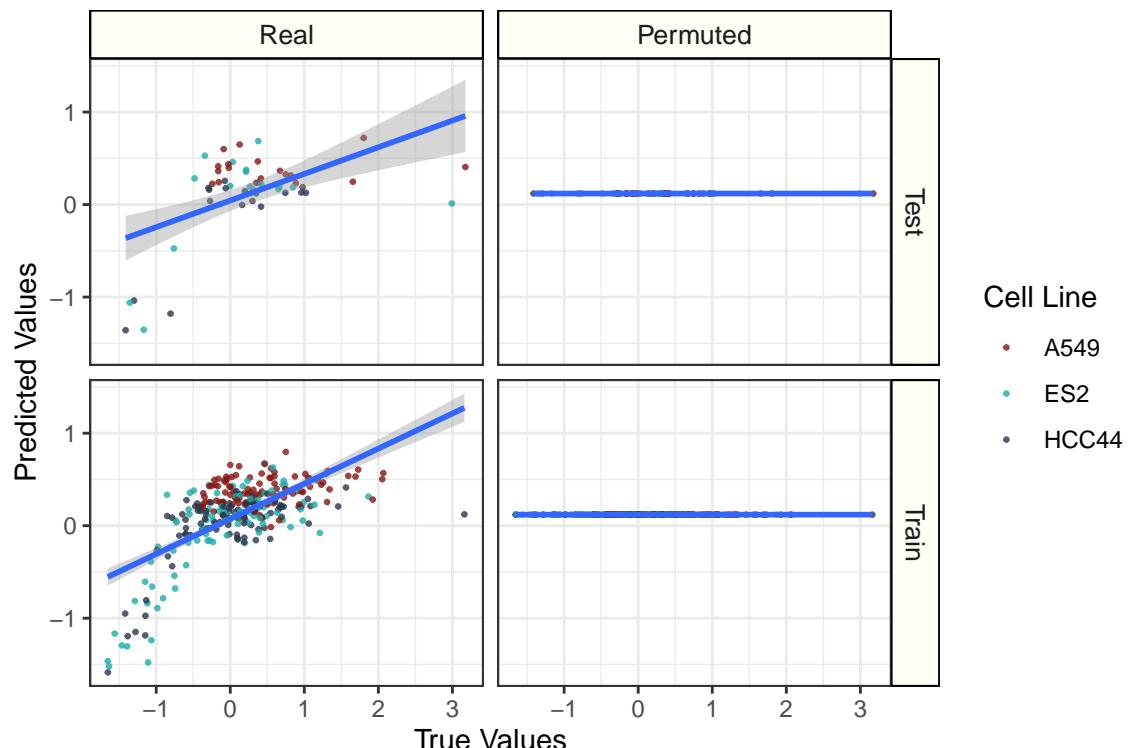


fit	shuffle	transform	r2	value
Train	Real	raw	0.26	0.31
Test	Real	raw	0.43	0.25
Train	Shuffle	raw	0.30	0.29
Test	Shuffle	raw	-0.02	0.44

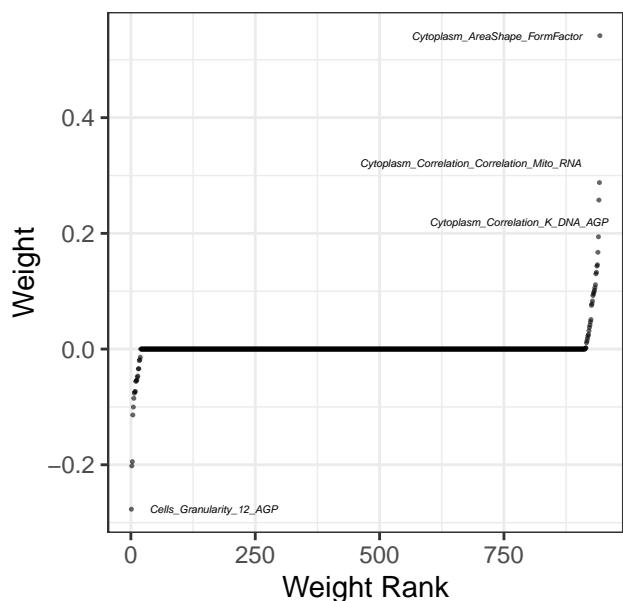


Performance: cc_polyplloid_n_objects

Transform: raw

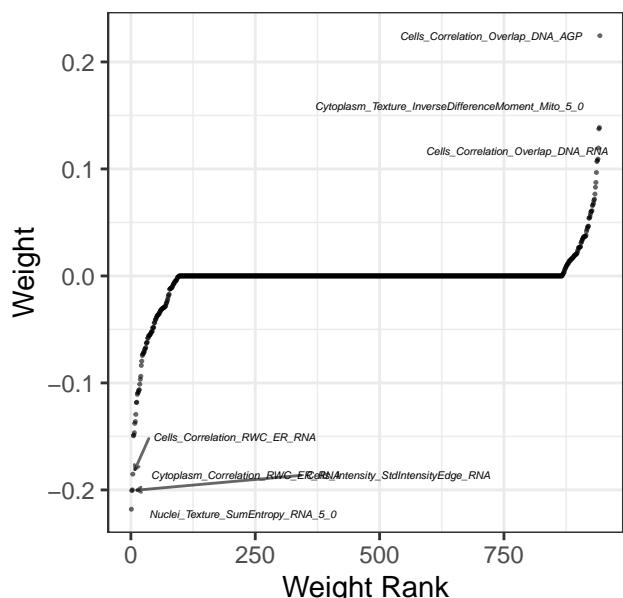
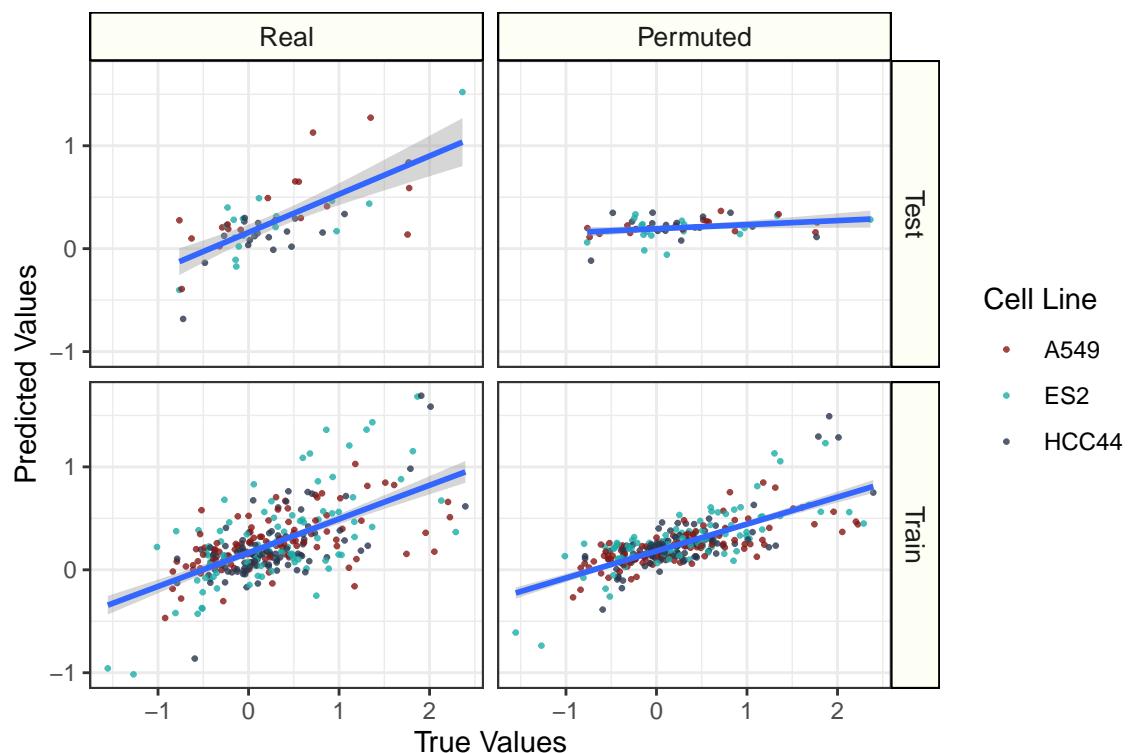


fit	shuffle	transform	r2	value
Train	Real	raw	0.43	0.27
Test	Real	raw	0.25	0.55
Train	Shuffle	raw	0.00	0.48
Test	Shuffle	raw	-0.03	0.75



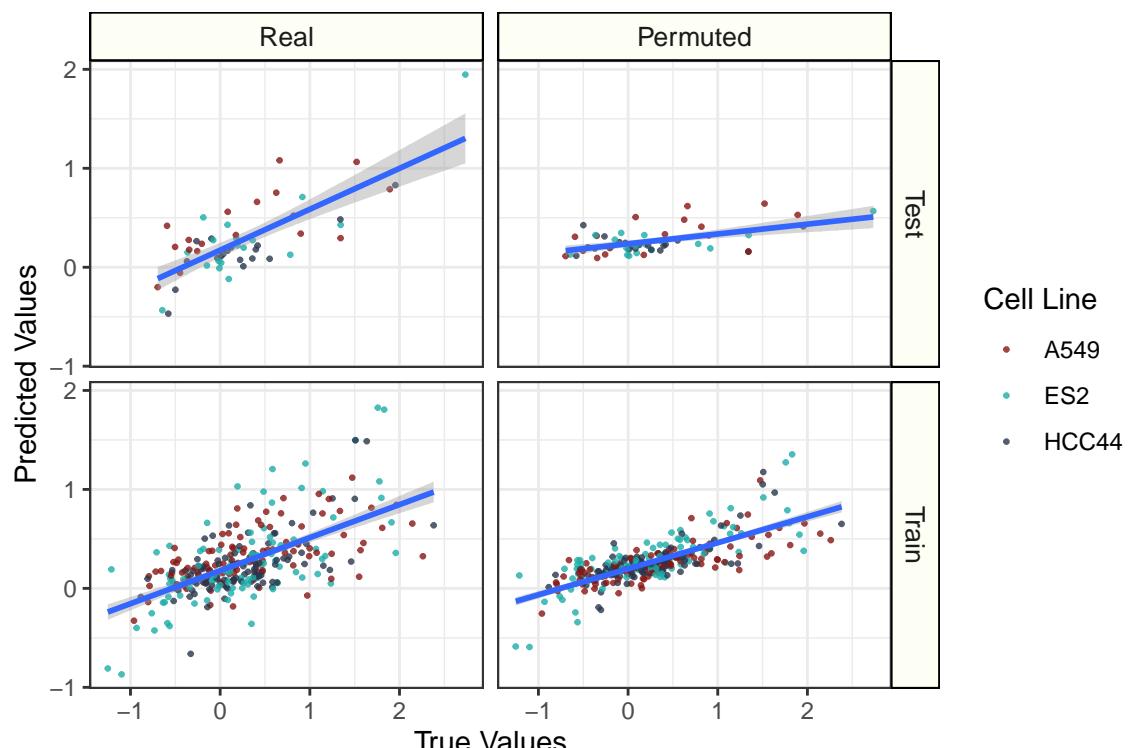
Performance: cc_polyplloid_n_spots_h2ax_mean

Transform: raw

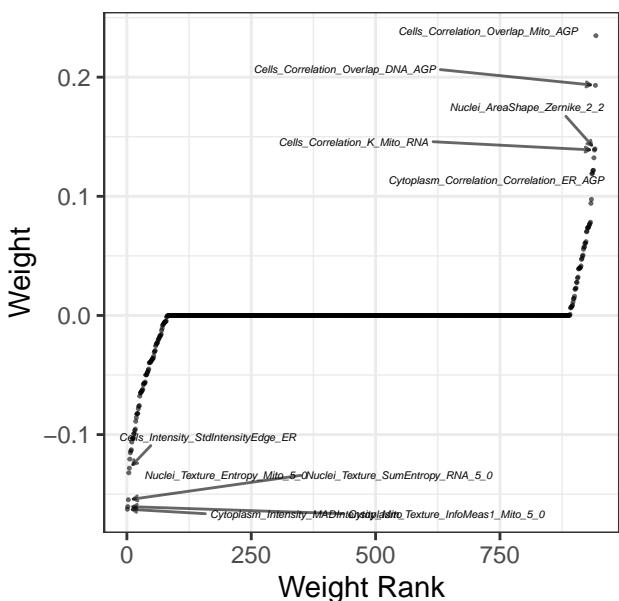


Performance: cc_polyplloid_n_spots_h2ax_per_nucleus_area_m

Transform: raw

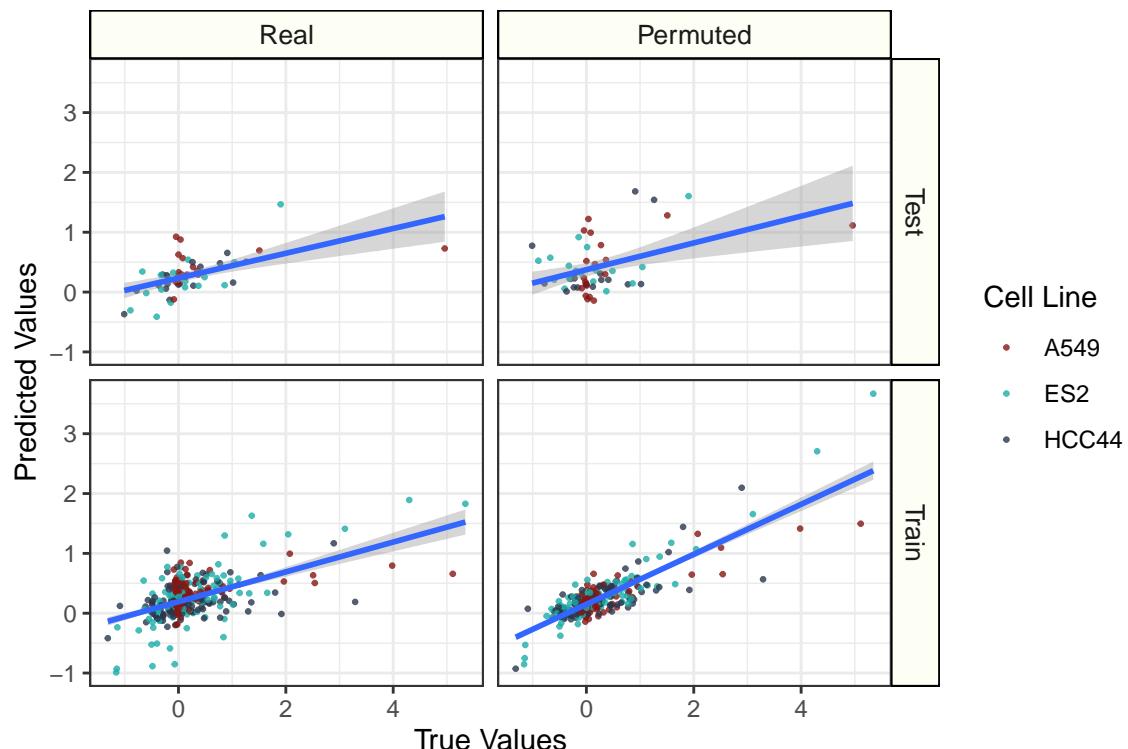


fit	shuffle	transform	r2	value
Train	Real	raw	0.38	0.26
Test	Real	raw	0.53	0.23
Train	Shuffle	raw	0.40	0.26
Test	Shuffle	raw	0.16	0.42

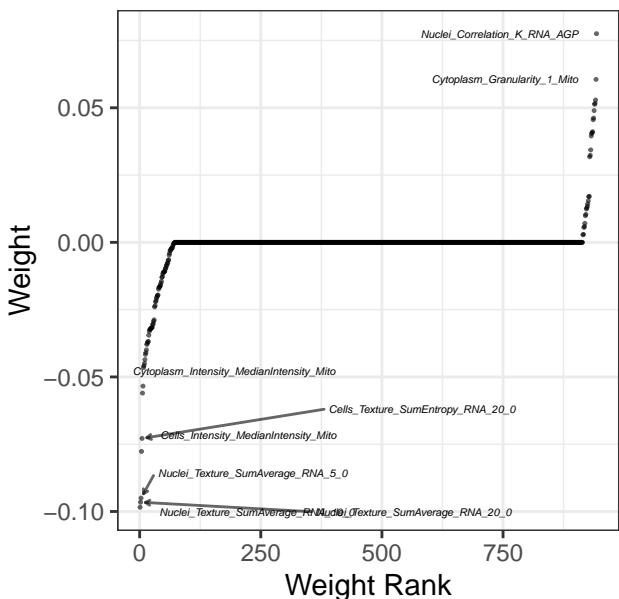


Performance: cc_s_high_h2ax

Transform: raw

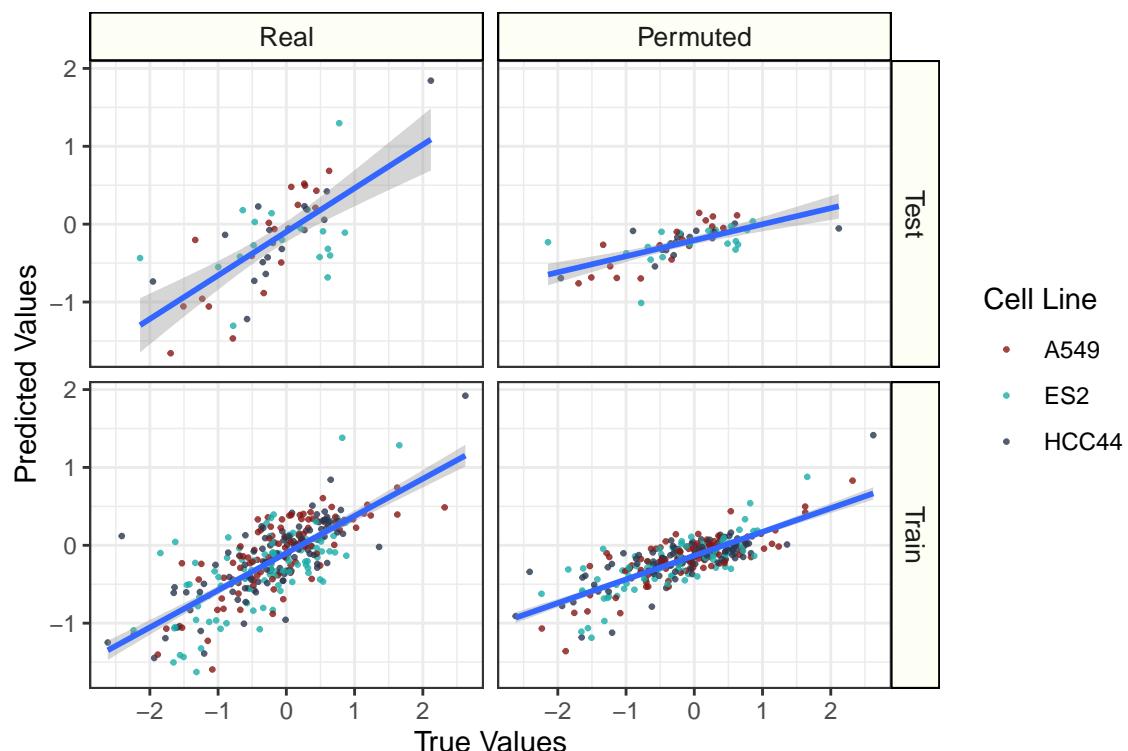


fit	shuffle	transform	r2	value
Train	Real	raw	0.31	0.45
Test	Real	raw	0.27	0.54
Train	Shuffle	raw	0.59	0.26
Test	Shuffle	raw	0.11	0.65

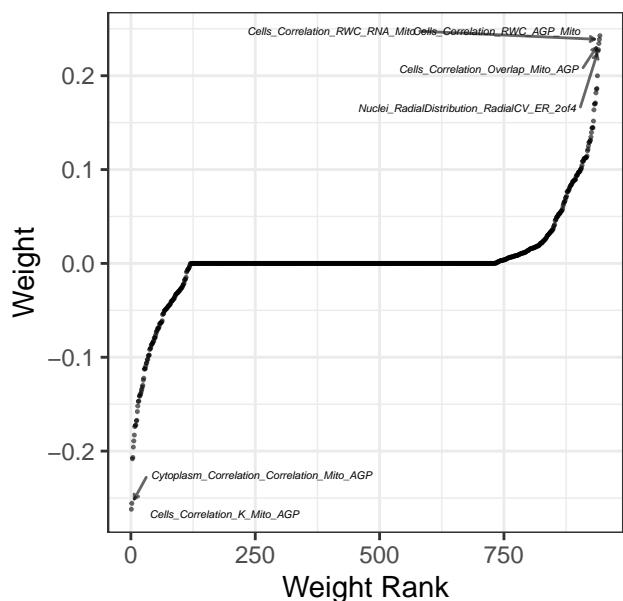


Performance: cc_s_intensity_nucleus_area_mean

Transform: raw

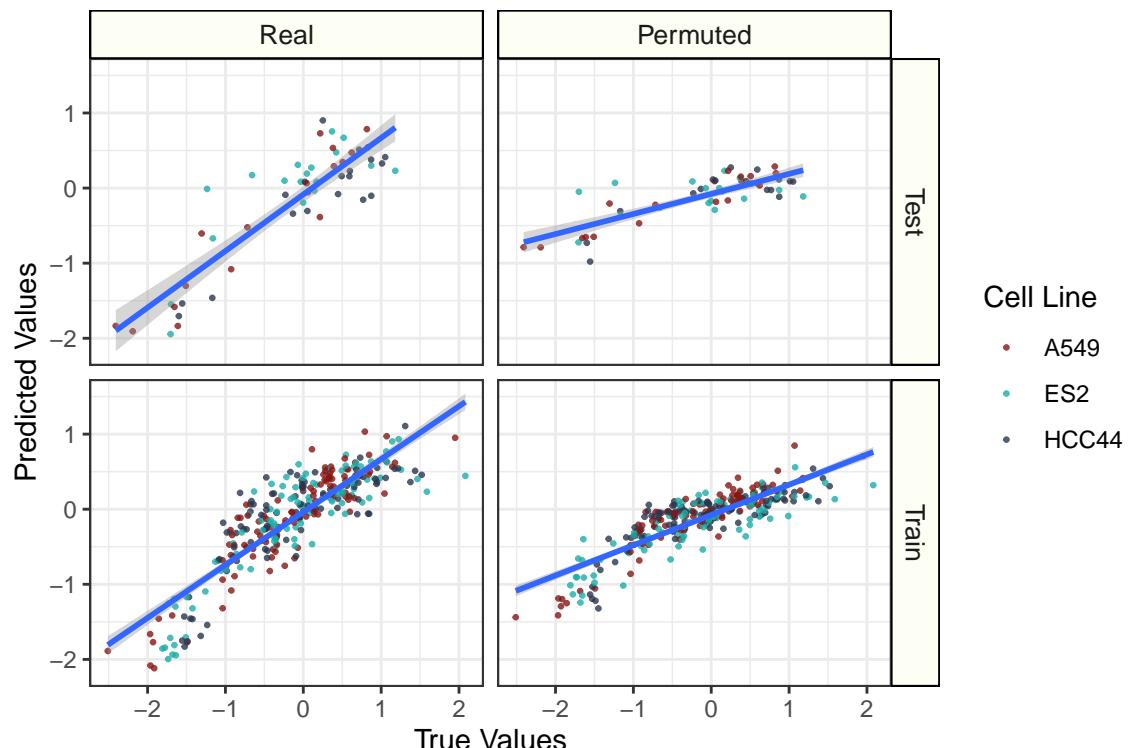


fit	shuffle	transform	r2	value
Train	Real	raw	0.55	0.27
Test	Real	raw	0.45	0.32
Train	Shuffle	raw	0.46	0.32
Test	Shuffle	raw	0.31	0.41

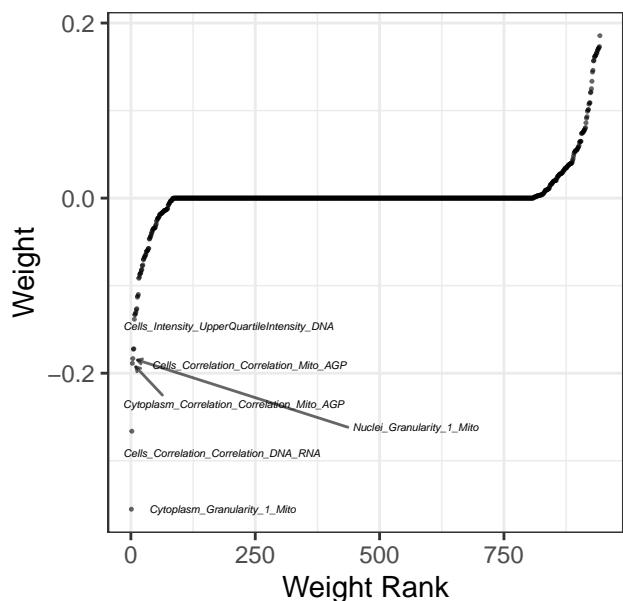


Performance: cc_s_intensity_nucleus_area_sum

Transform: raw

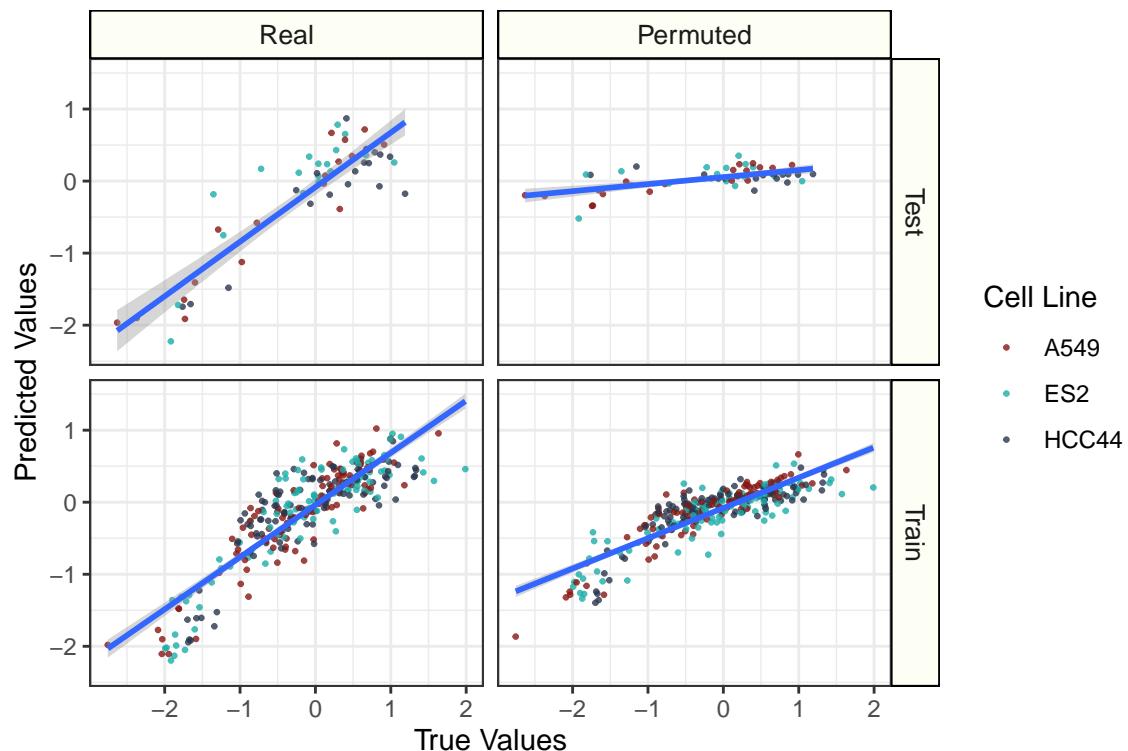


fit	shuffle	transform	r2	value
Train	Real	raw	0.75	0.16
Test	Real	raw	0.77	0.20
Train	Shuffle	raw	0.58	0.27
Test	Shuffle	raw	0.42	0.50

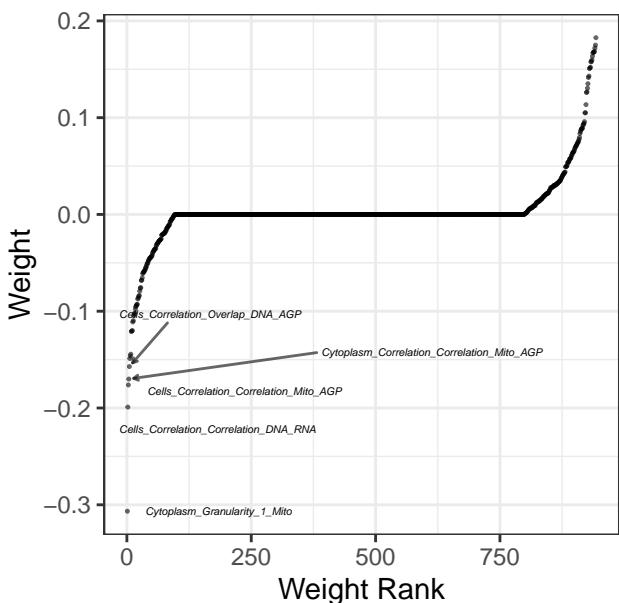


Performance: cc_s_n_objects

Transform: raw

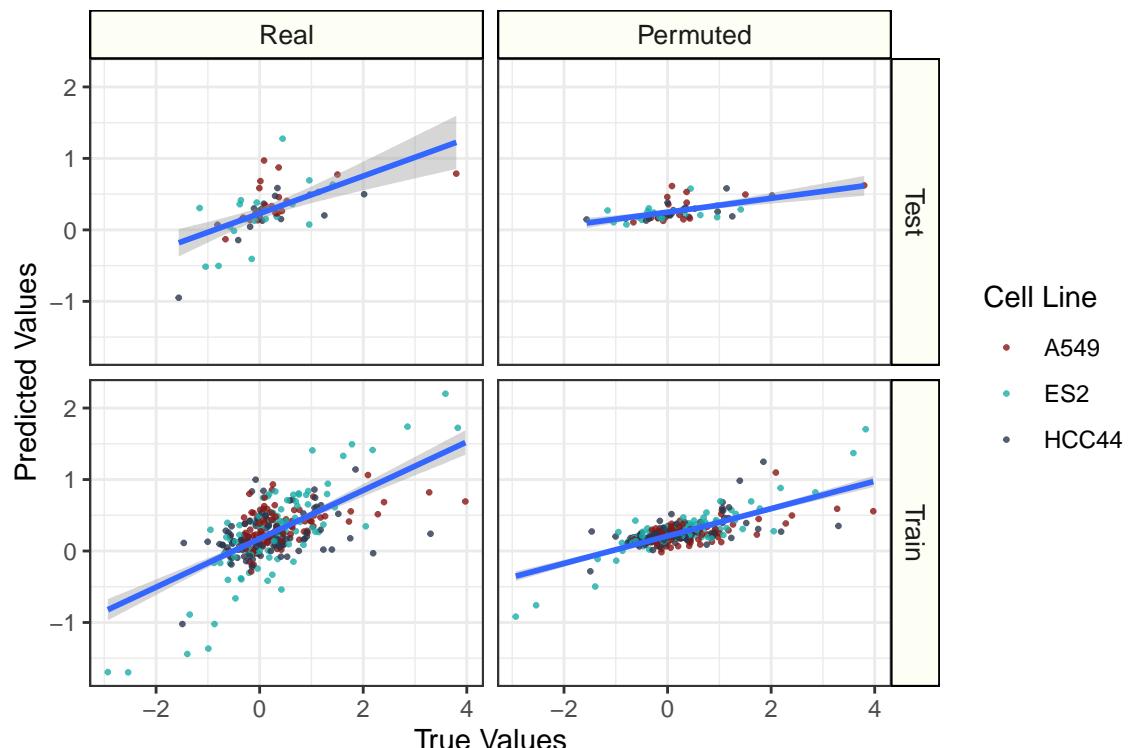


fit	shuffle	transform	r2	value
Train	Real	raw	0.76	0.16
Test	Real	raw	0.79	0.20
Train	Shuffle	raw	0.60	0.27
Test	Shuffle	raw	0.12	0.84

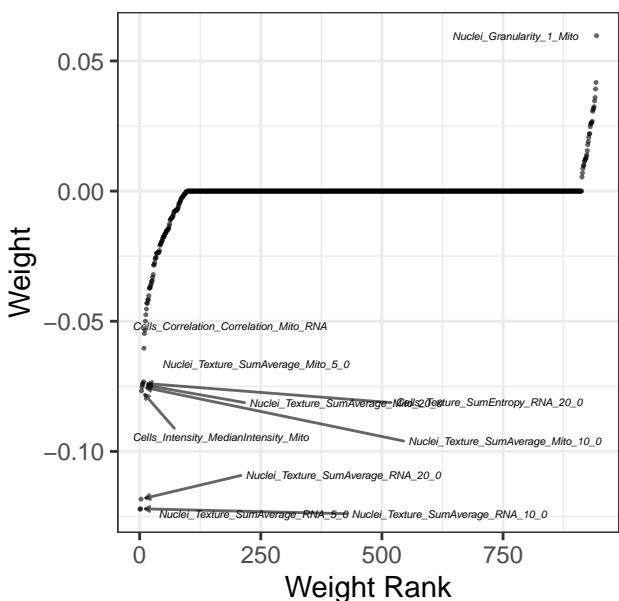


Performance: cc_s_n_spots_h2ax_mean

Transform: raw

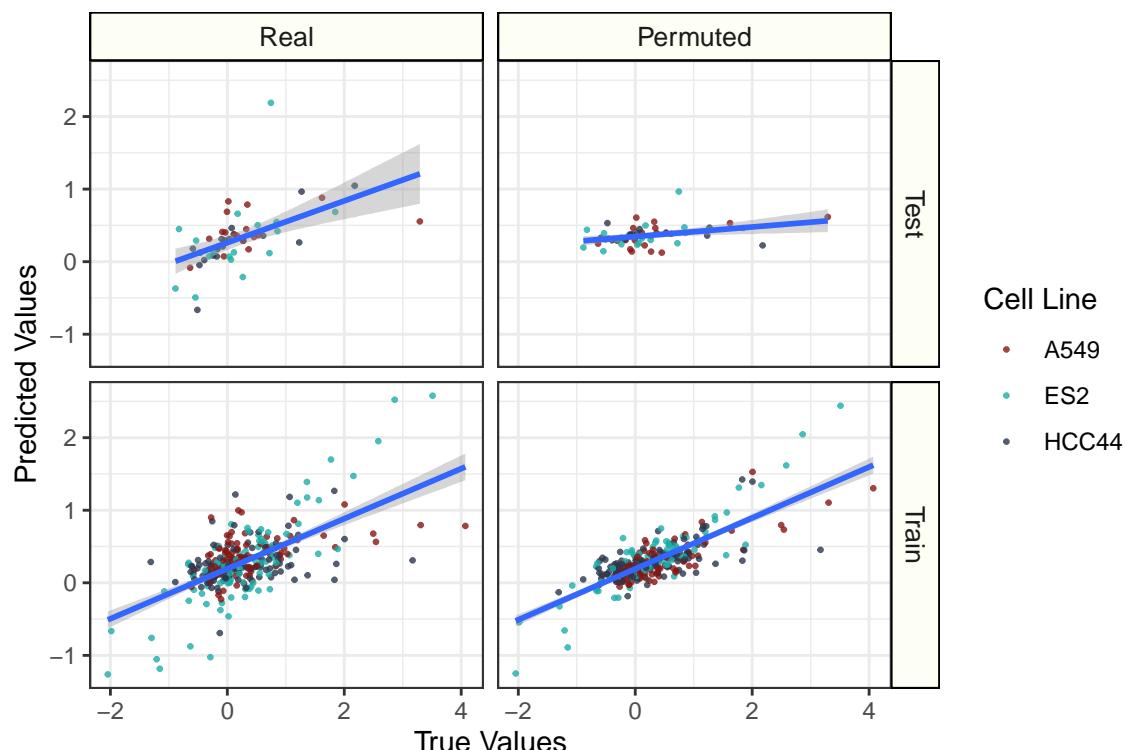


fit	shuffle	transform	r2	value
Train	Real	raw	0.40	0.40
Test	Real	raw	0.31	0.47
Train	Shuffle	raw	0.31	0.46
Test	Shuffle	raw	0.16	0.58

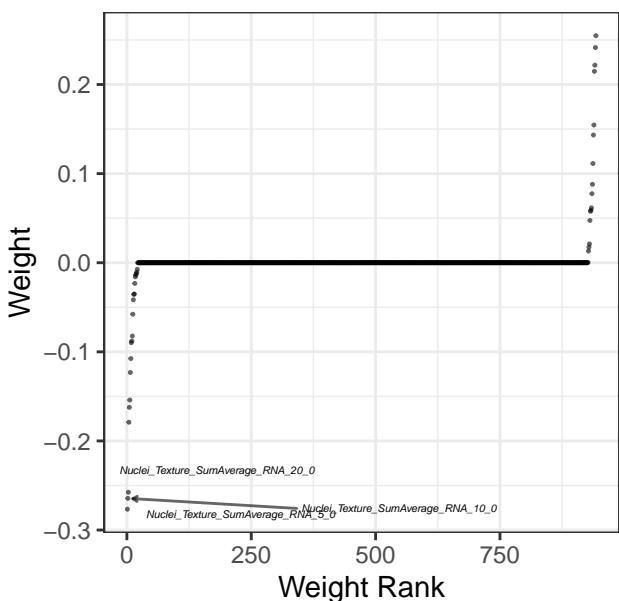


Performance: cc_s_n_spots_h2ax_per_nucleus_area_mean

Transform: raw

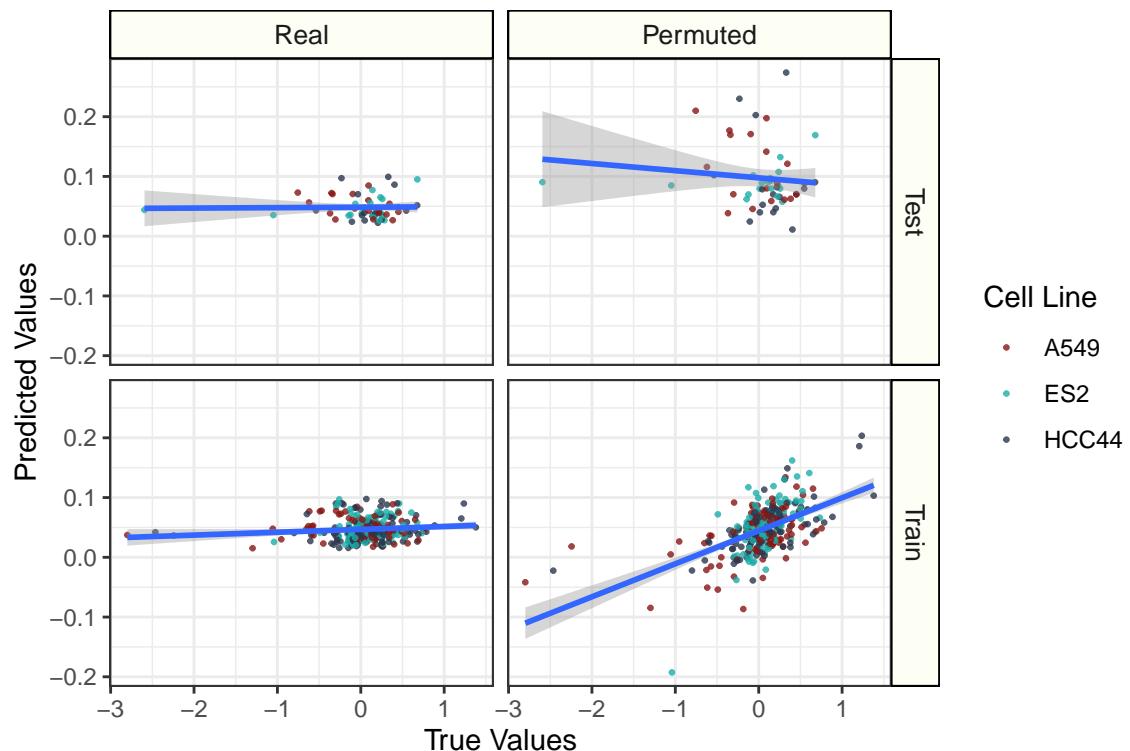


fit	shuffle	transform	r2	value
Train	Real	raw	0.39	0.36
Test	Real	raw	0.25	0.42
Train	Shuffle	raw	0.51	0.29
Test	Shuffle	raw	0.06	0.54

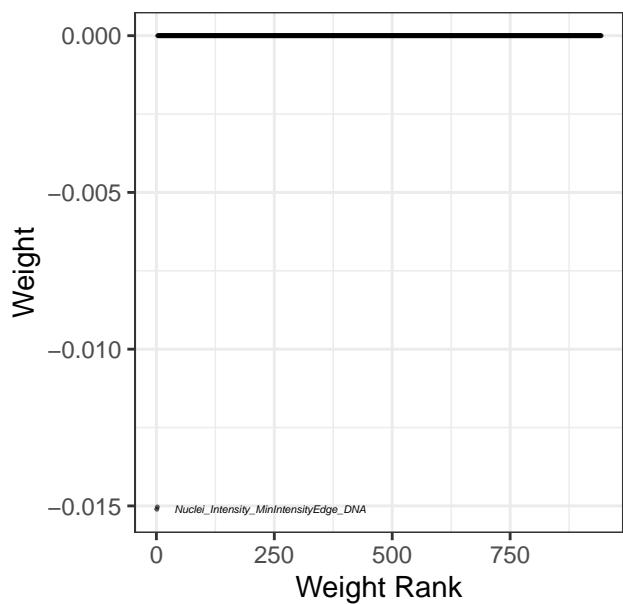


Performance: vb_infection_percentage

Transform: raw

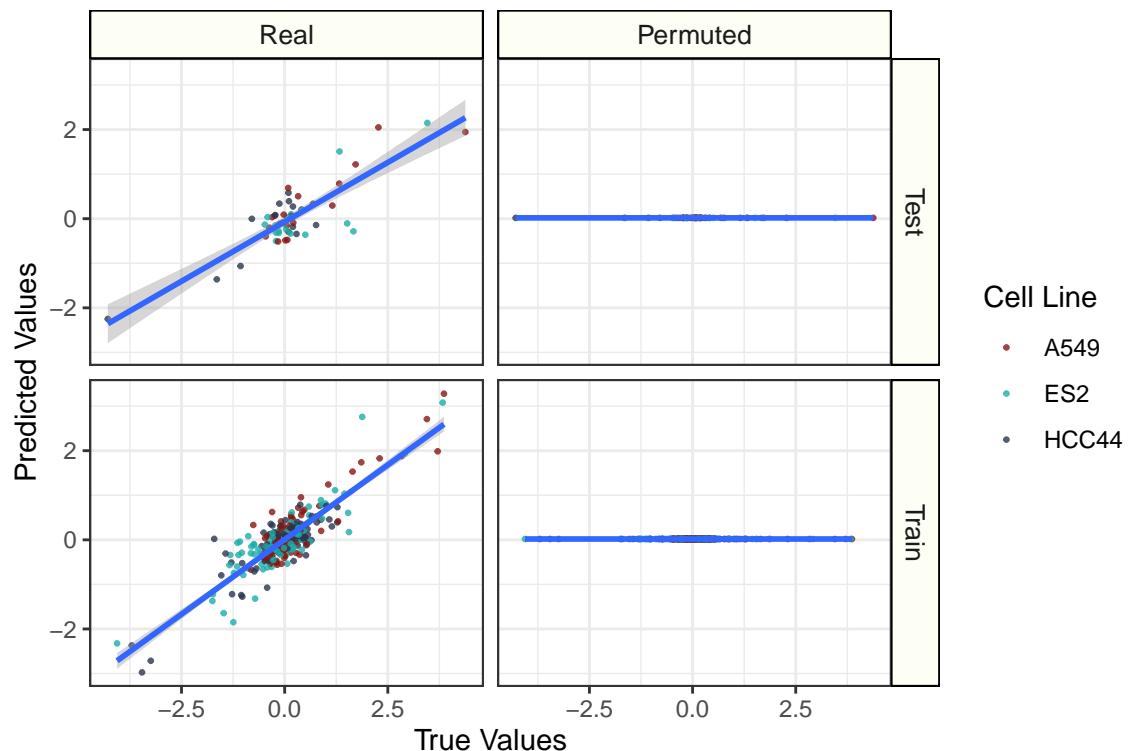


fit	shuffle	transform	r2	value
Train	Real	raw	0.01	0.17
Test	Real	raw	0.00	0.24
Train	Shuffle	raw	0.10	0.16
Test	Shuffle	raw	-0.06	0.25

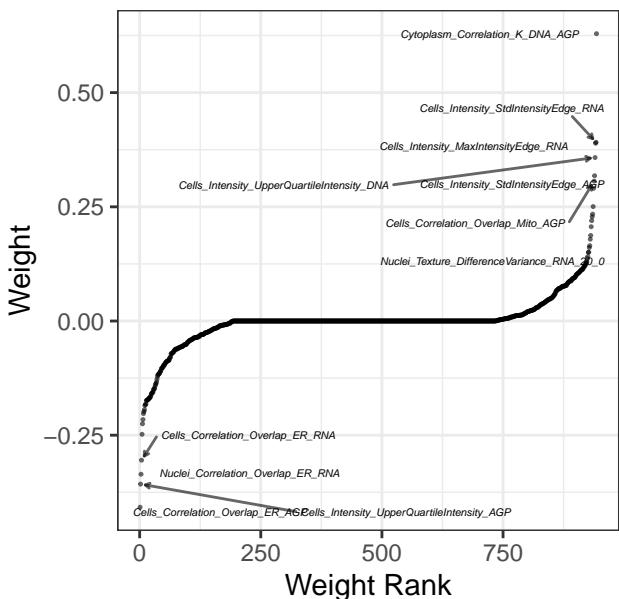


Performance: vb_live_cell_area

Transform: raw

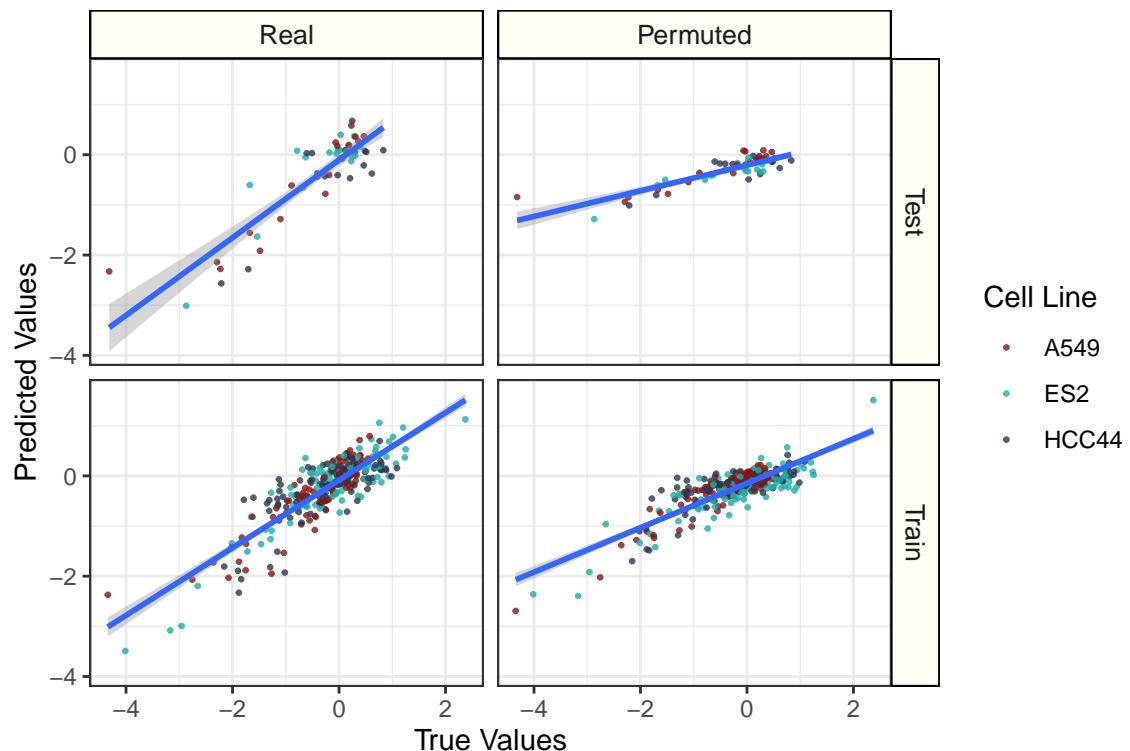


fit	shuffle	transform	r2	value
Train	Real	raw	0.76	0.19
Test	Real	raw	0.65	0.48
Train	Shuffle	raw	0.00	0.76
Test	Shuffle	raw	-0.03	1.39

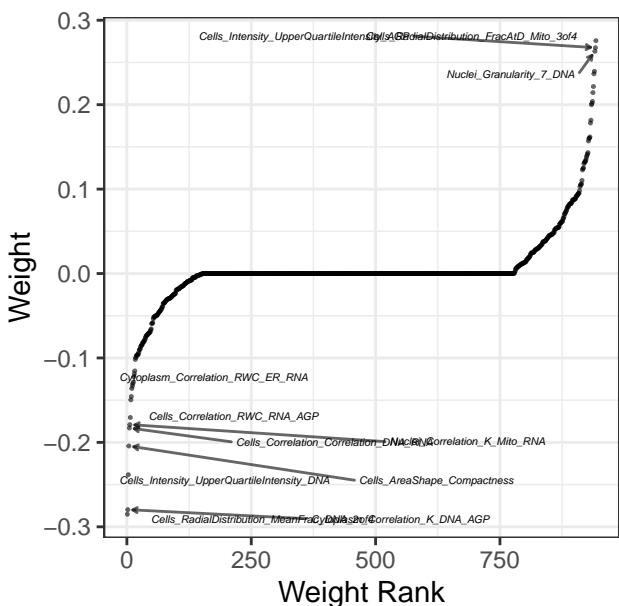


Performance: vb_live_cell_roundness

Transform: raw

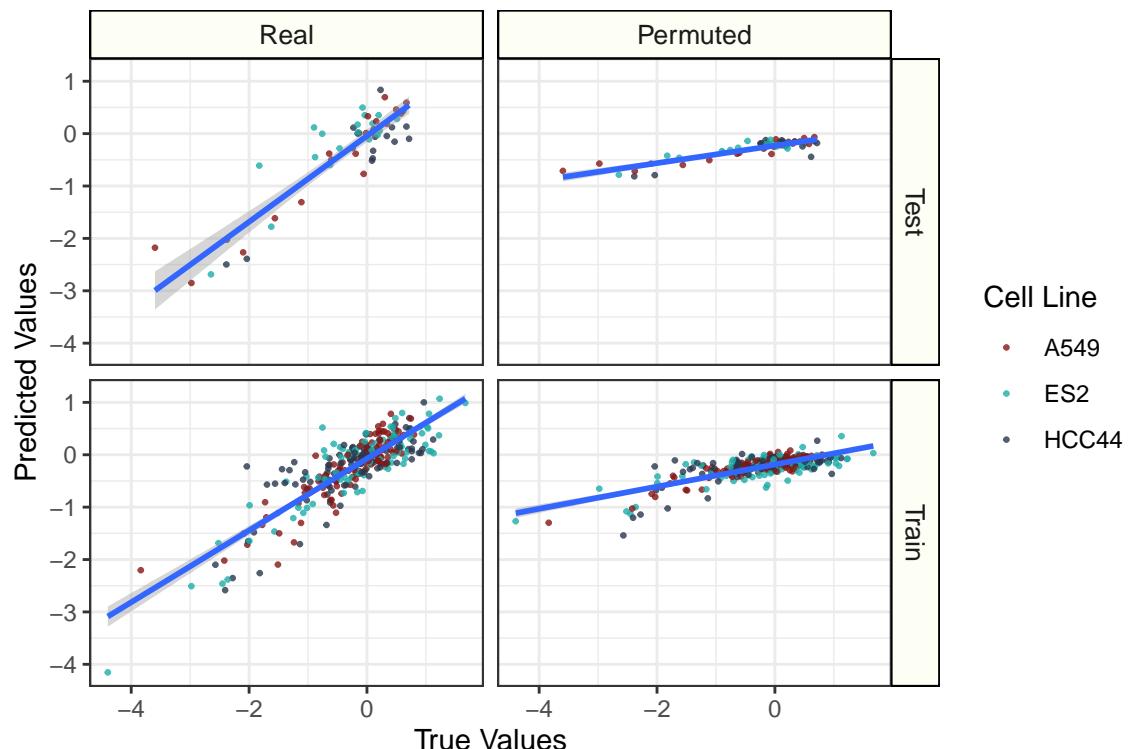


fit	shuffle	transform	r2	value
Train	Real	raw	0.73	0.19
Test	Real	raw	0.77	0.23
Train	Shuffle	raw	0.61	0.27
Test	Shuffle	raw	0.41	0.59

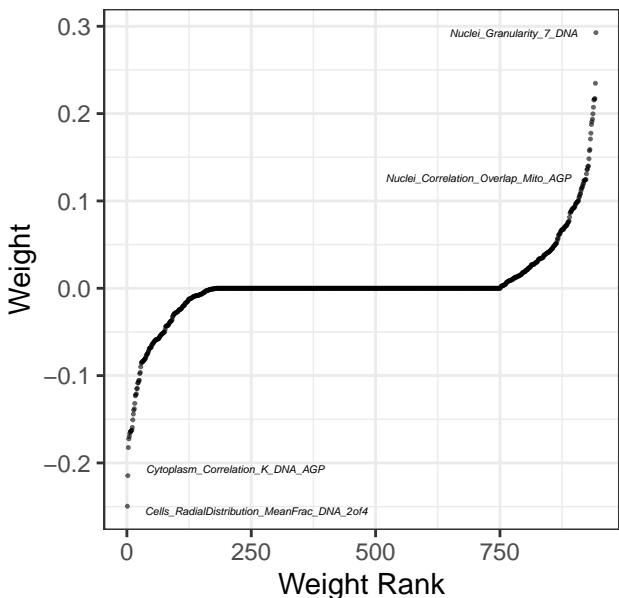


Performance: vb_live_cell_width_length

Transform: raw

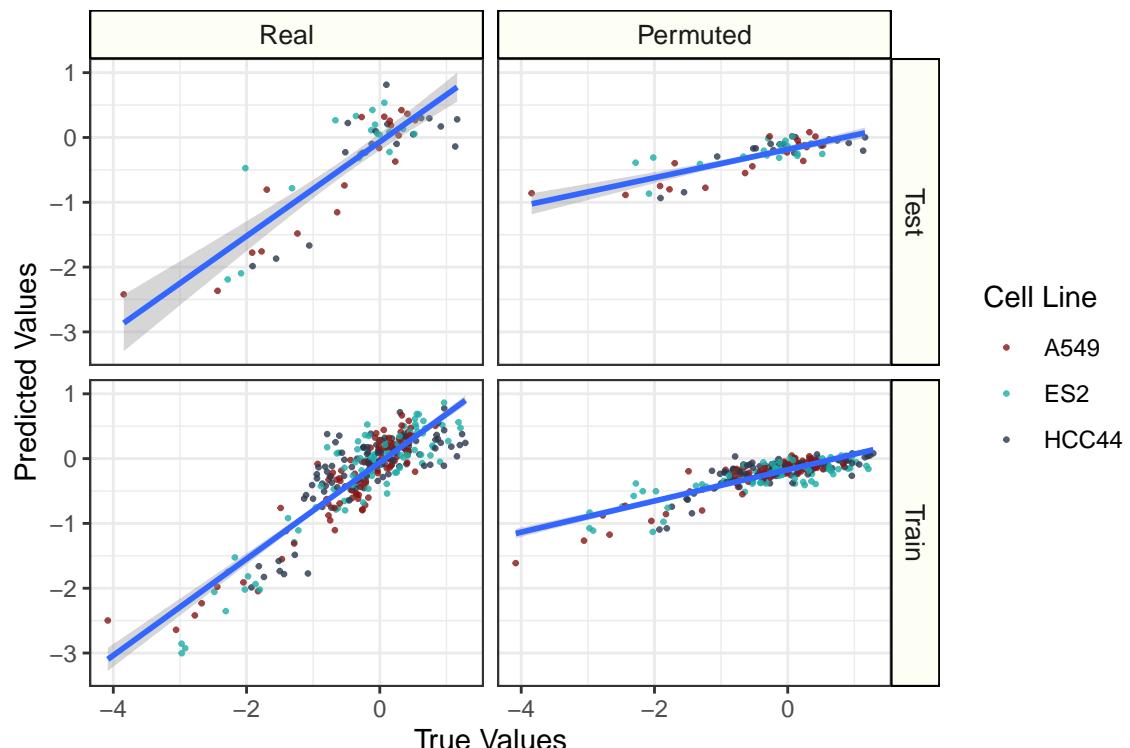


fit	shuffle	transform	r2	value
Train	Real	raw	0.74	0.18
Test	Real	raw	0.81	0.19
Train	Shuffle	raw	0.34	0.47
Test	Shuffle	raw	0.28	0.75

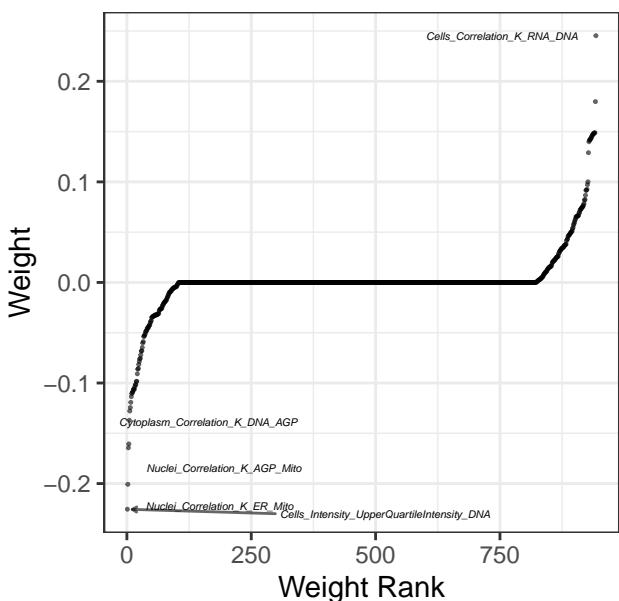


Performance: vb_num_live_cells

Transform: raw

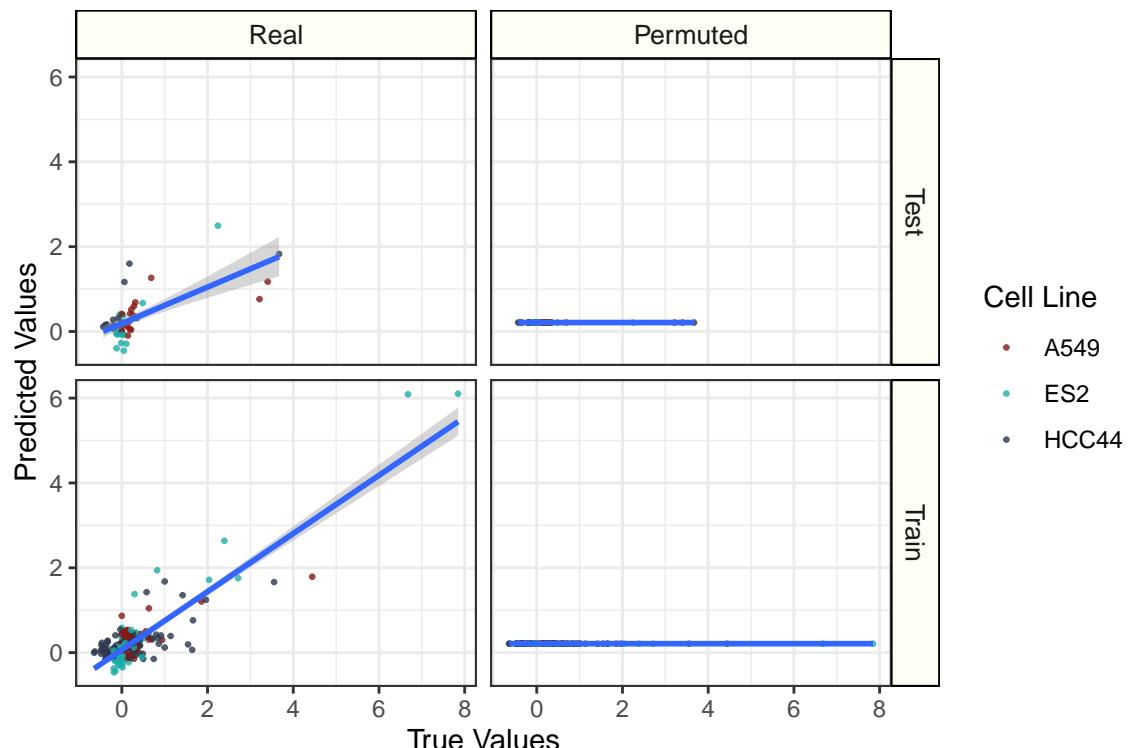


fit	shuffle	transform	r2	value
Train	Real	raw	0.78	0.15
Test	Real	raw	0.73	0.27
Train	Shuffle	raw	0.40	0.41
Test	Shuffle	raw	0.35	0.65

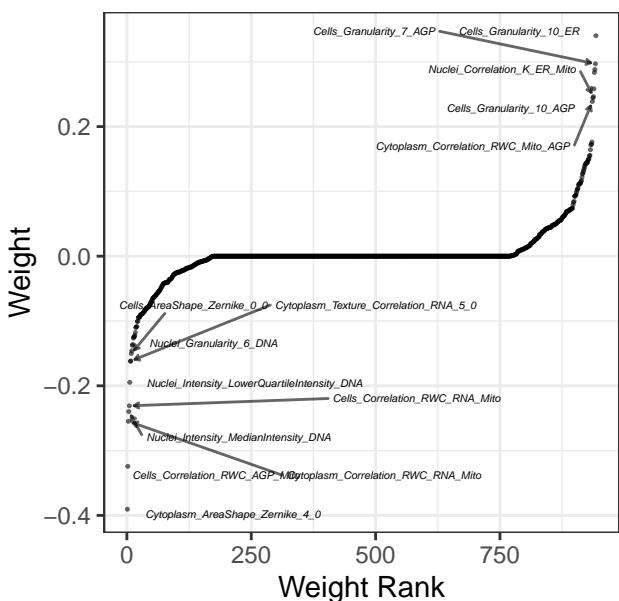


Performance: vb_percent_all_apoptosis

Transform: raw

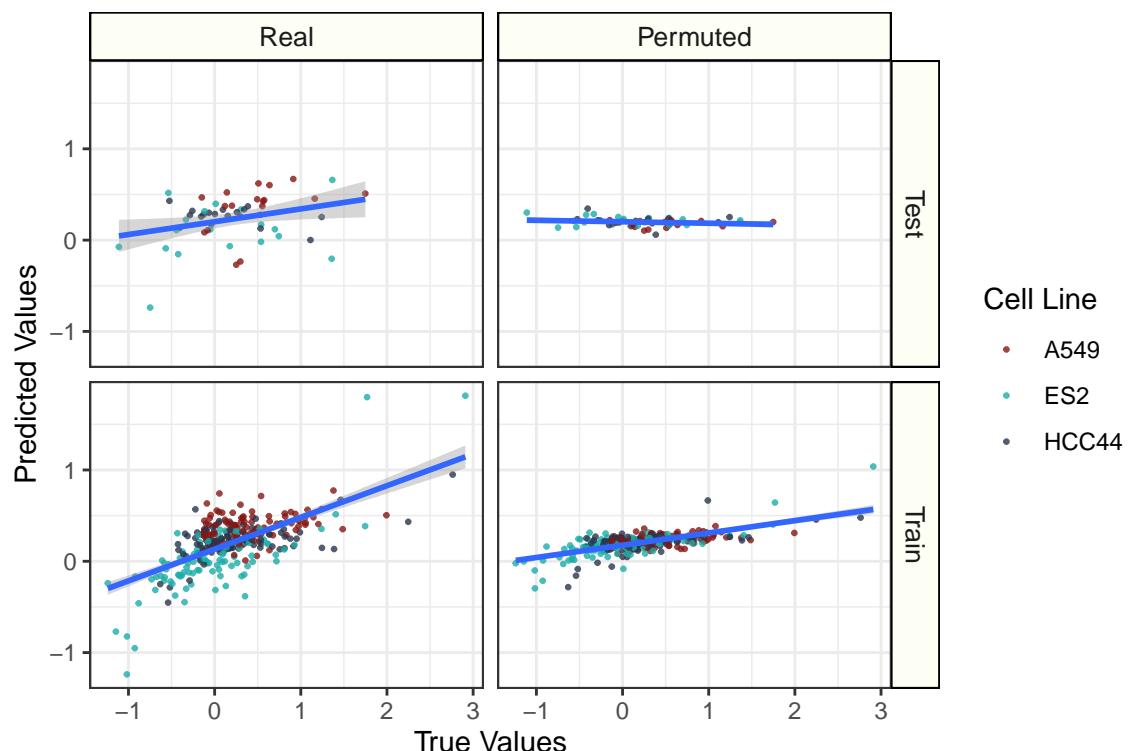


fit	shuffle	transform	r2	value
Train	Real	raw	0.76	0.15
Test	Real	raw	0.45	0.40
Train	Shuffle	raw	0.00	0.60
Test	Shuffle	raw	0.00	0.72

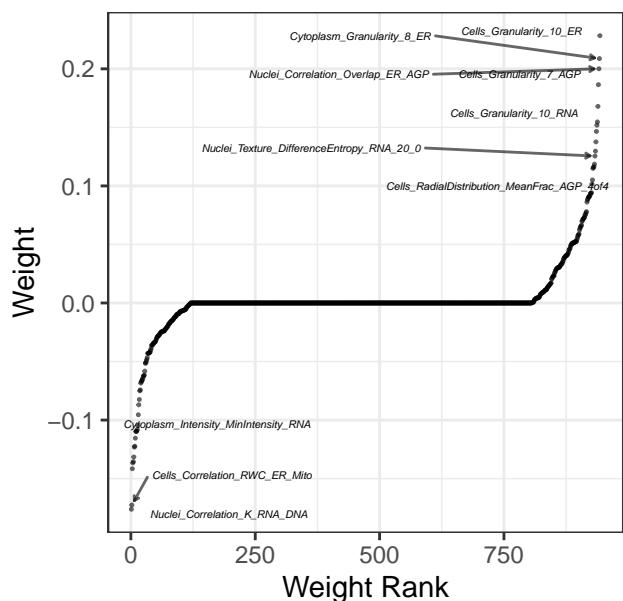


Performance: vb_percent_caspase_dead_only

Transform: raw

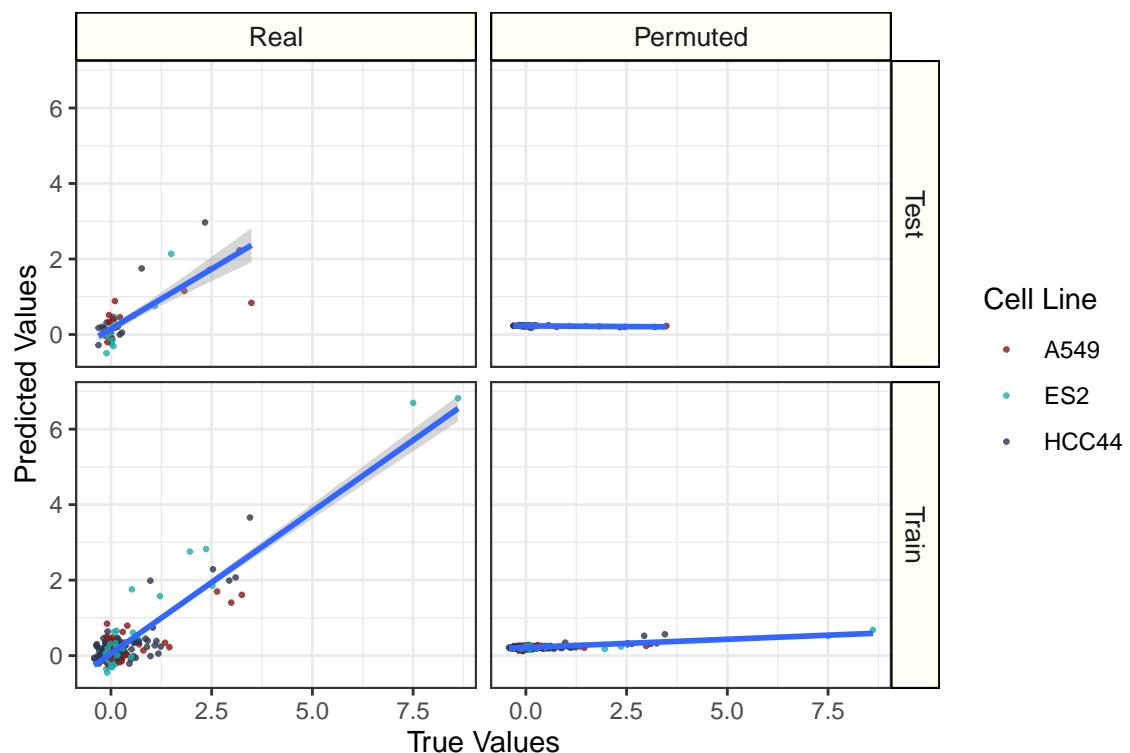


fit	shuffle	transform	r2	value
Train	Real	raw	0.42	0.18
Test	Real	raw	0.07	0.30
Train	Shuffle	raw	0.23	0.24
Test	Shuffle	raw	-0.04	0.34

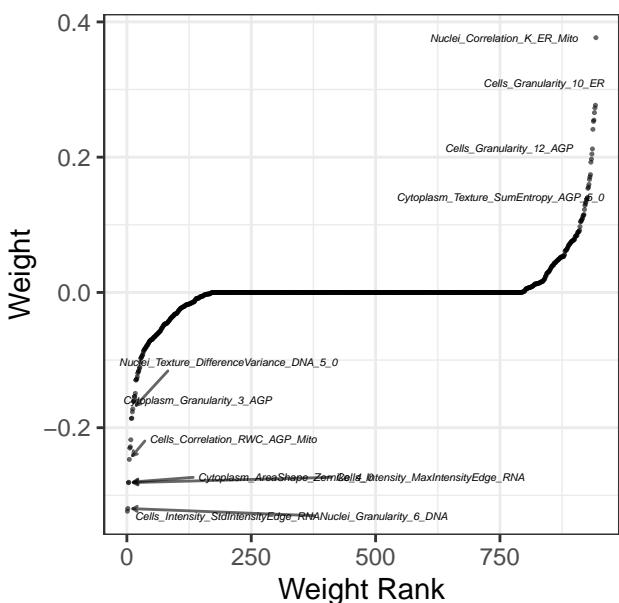


Performance: vb_percent_dead

Transform: raw

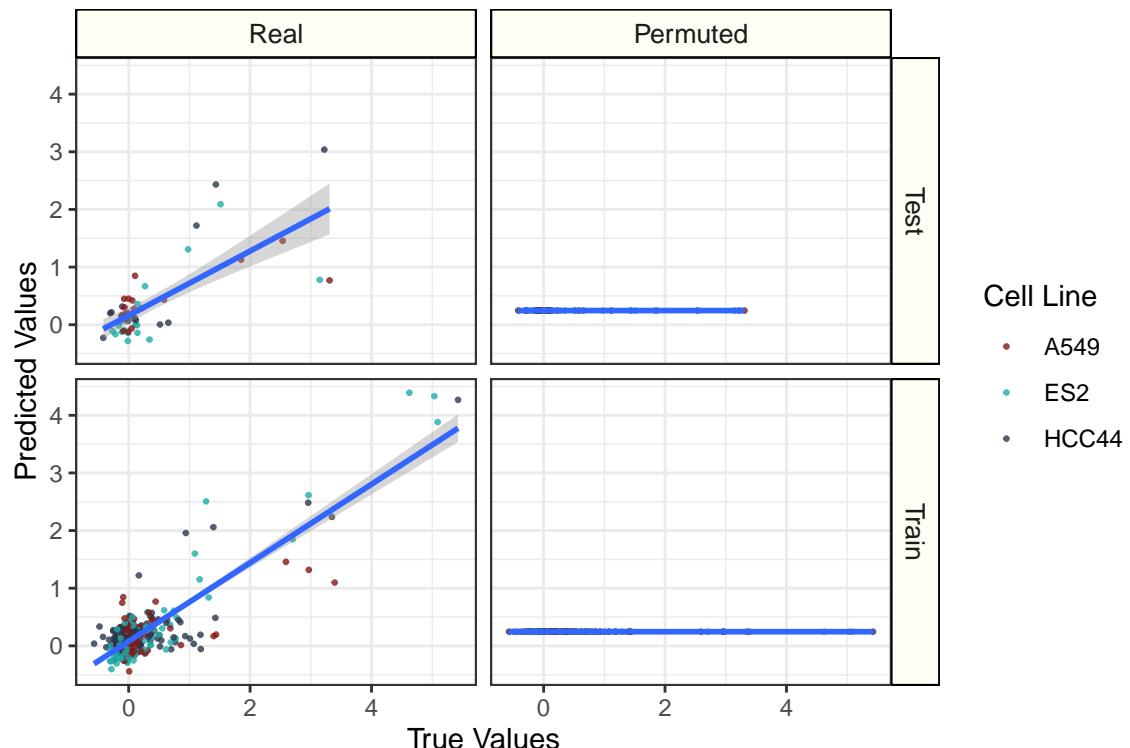


fit	shuffle	transform	r2	value
Train	Real	raw	0.81	0.14
Test	Real	raw	0.62	0.26
Train	Shuffle	raw	0.08	0.67
Test	Shuffle	raw	-0.02	0.70

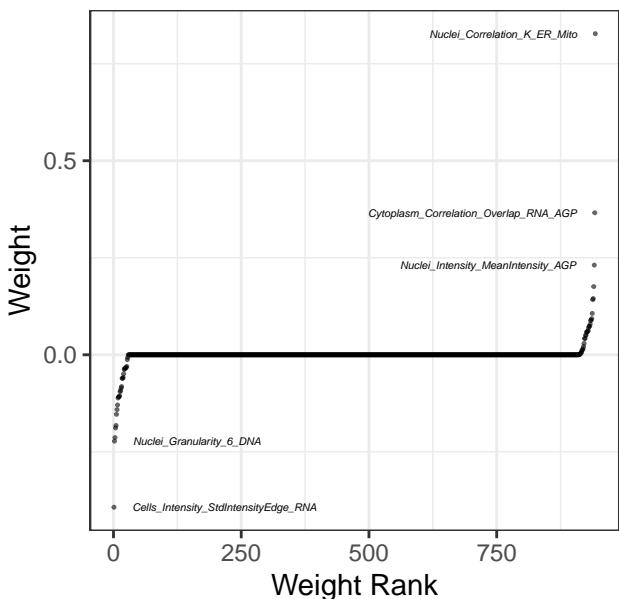


Performance: vb_percent_dead_only

Transform: raw

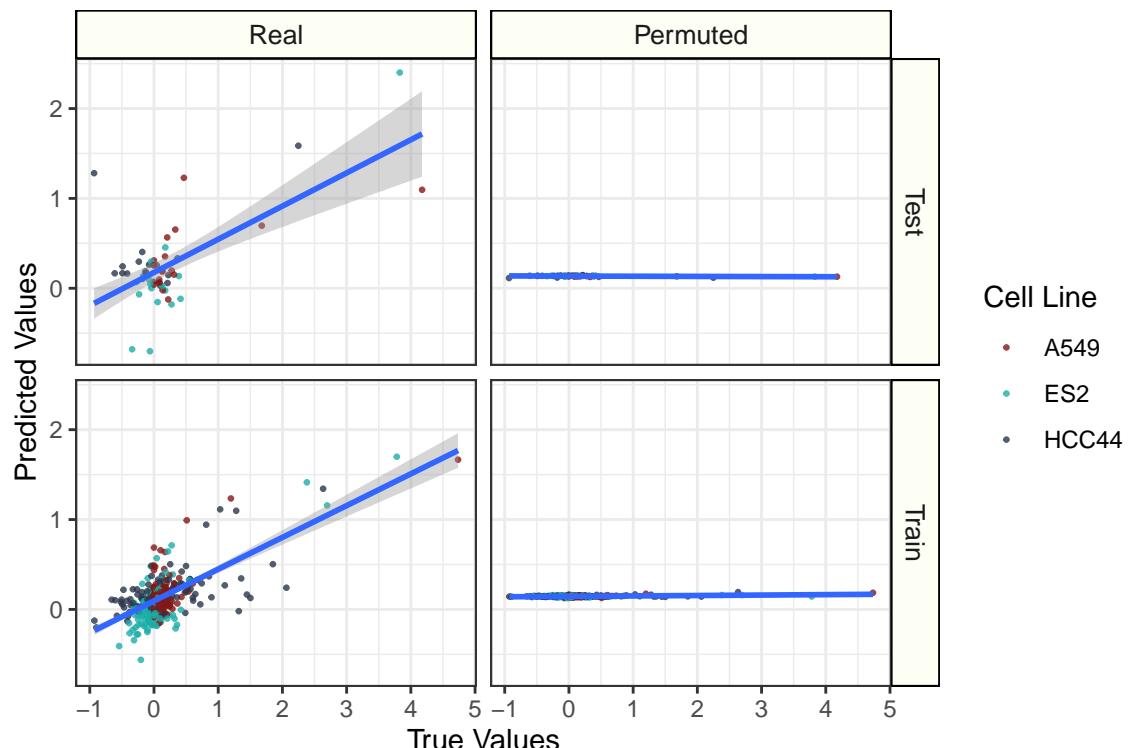


fit	shuffle	transform	r2	value
Train	Real	raw	0.73	0.16
Test	Real	raw	0.54	0.36
Train	Shuffle	raw	0.00	0.61
Test	Shuffle	raw	-0.02	0.80

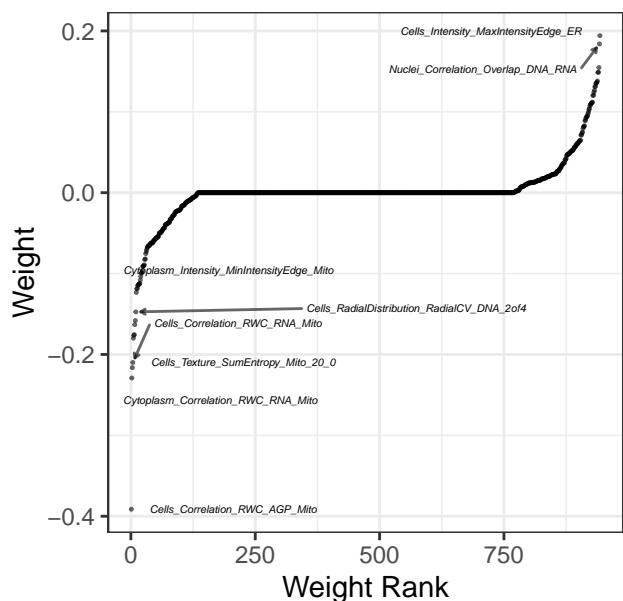


Performance: vb_percent_early_apoptosis

Transform: raw

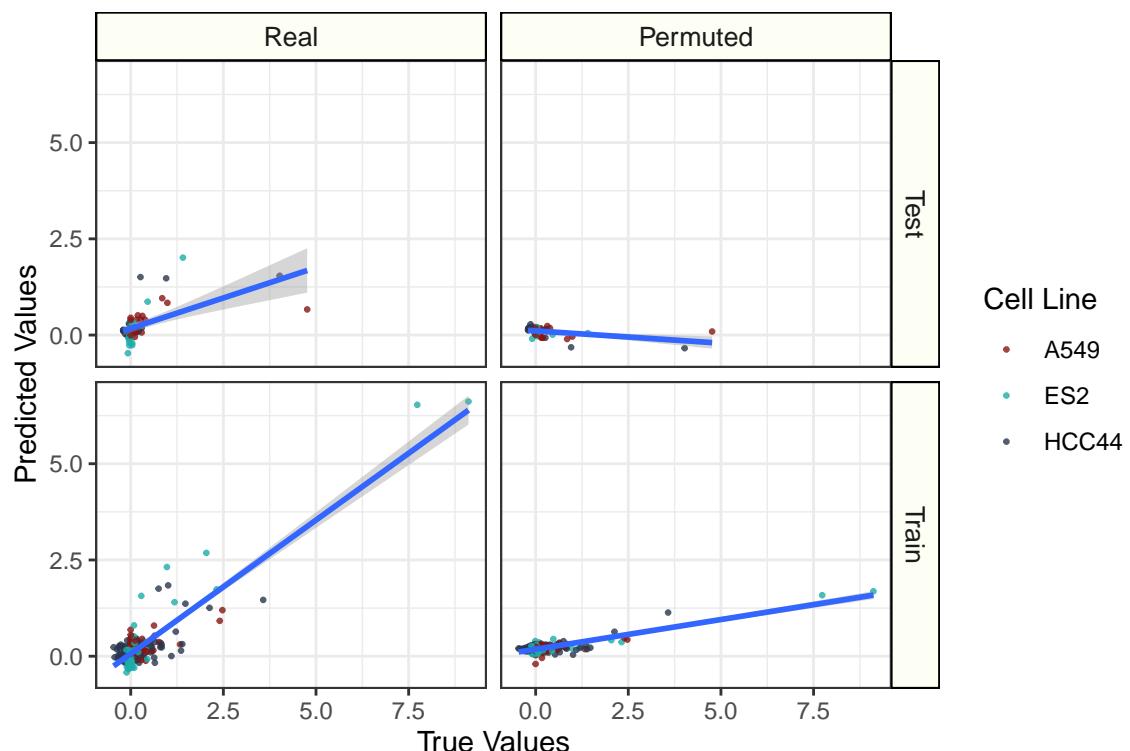


fit	shuffle	transform	r2	value
Train	Real	raw	0.45	0.17
Test	Real	raw	0.42	0.44
Train	Shuffle	raw	0.01	0.30
Test	Shuffle	raw	-0.01	0.77

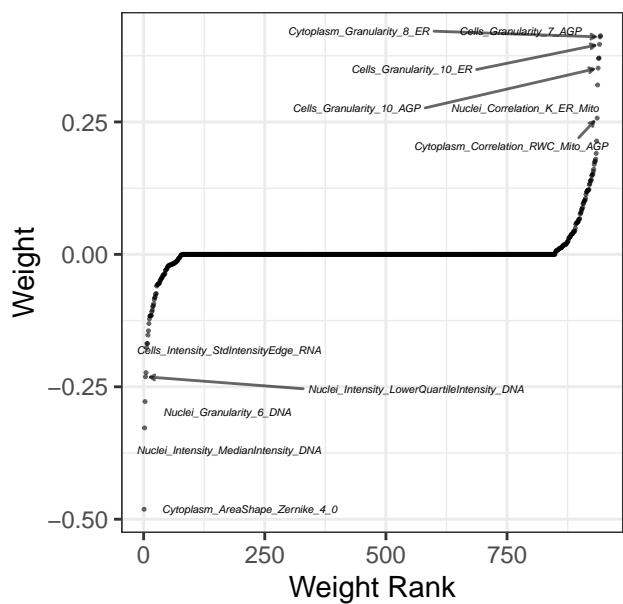


Performance: vb_percent_late_apoptosis

Transform: raw

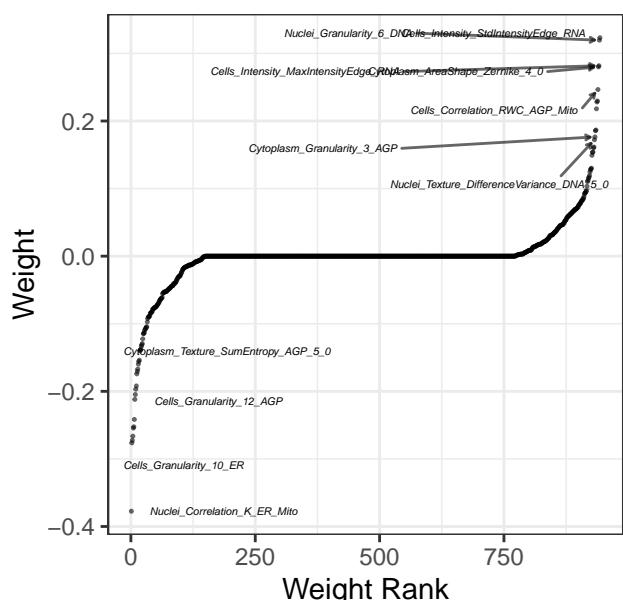
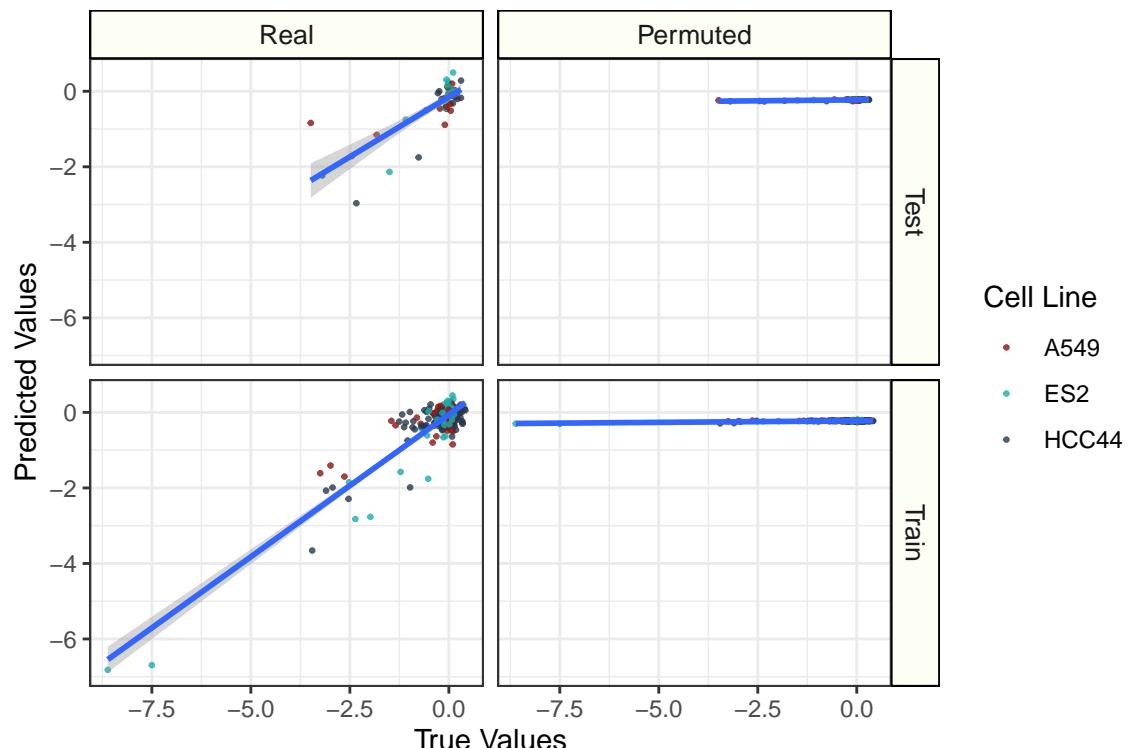


fit	shuffle	transform	r2	value
Train	Real	raw	0.77	0.15
Test	Real	raw	0.33	0.51
Train	Shuffle	raw	0.27	0.47
Test	Shuffle	raw	-0.19	0.90



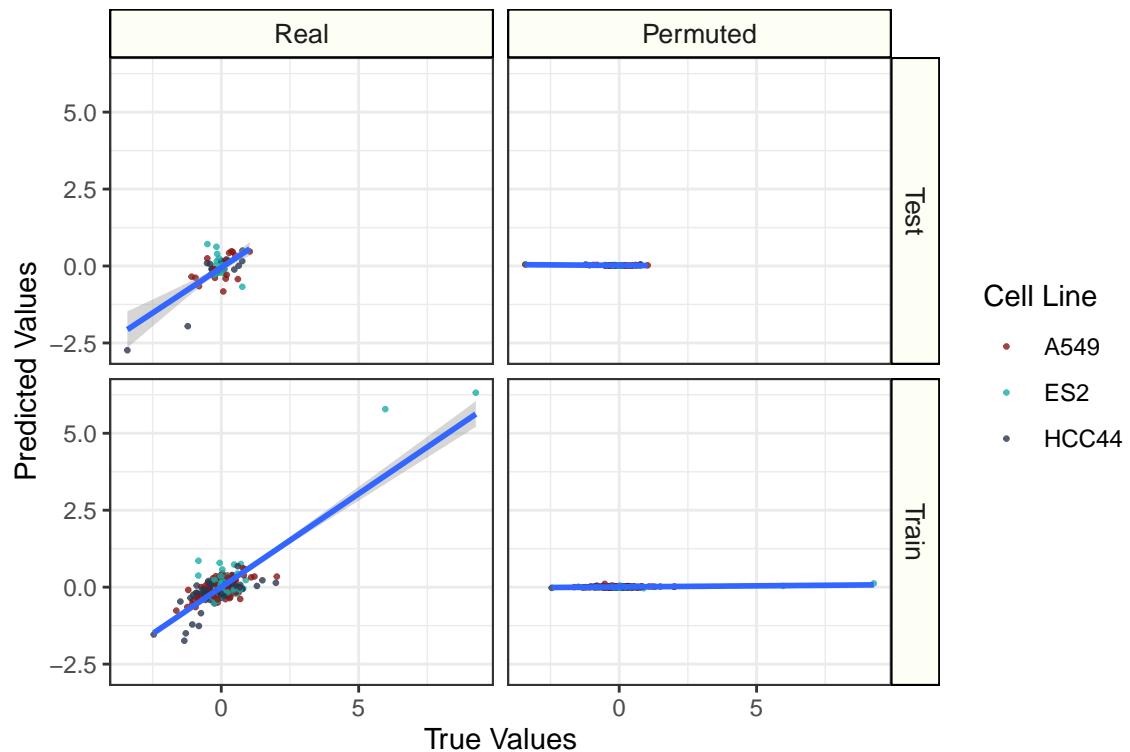
Performance: vb_percent_live

Transform: raw

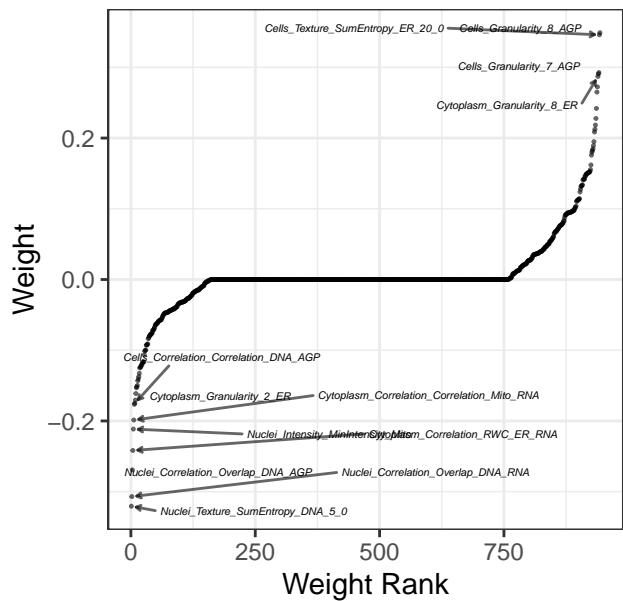


Performance: vb_ros_back_mean

Transform: raw

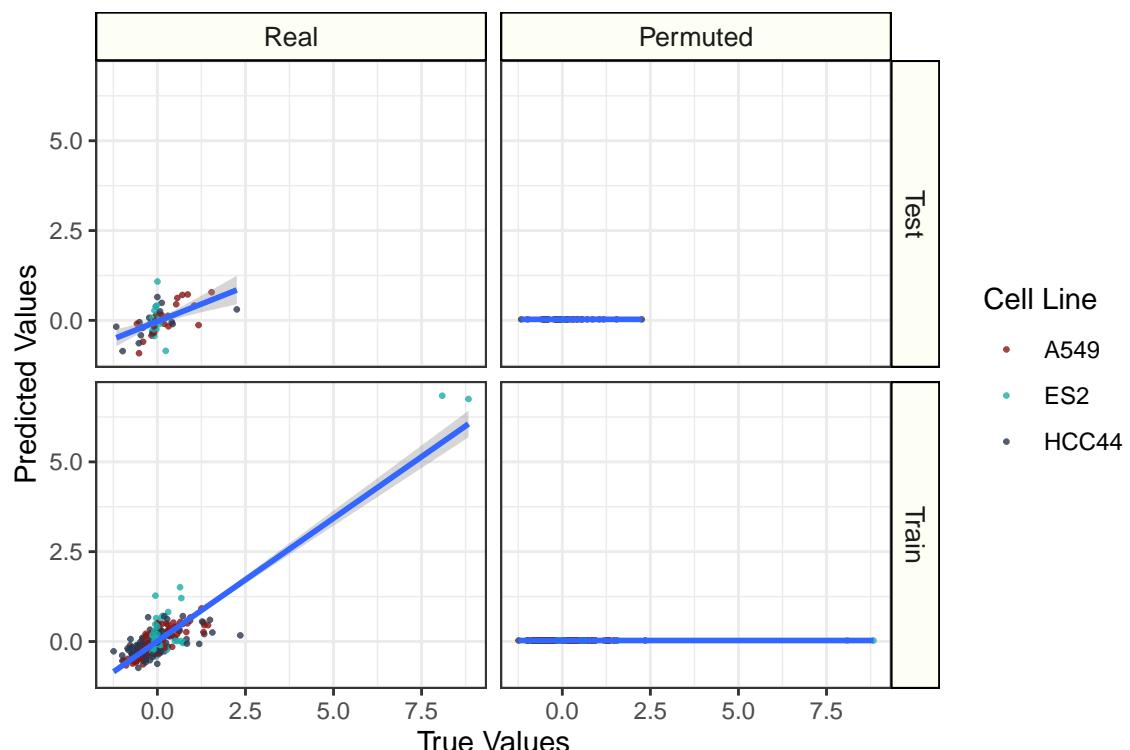


fit	shuffle	transform	r2	value
Train	Real	raw	0.69	0.20
Test	Real	raw	0.44	0.23
Train	Shuffle	raw	0.01	0.64
Test	Shuffle	raw	-0.04	0.42



Performance: vb_ros_mean

Transform: raw



fit	shuffle	transform	r2	value
Train	Real	raw	0.76	0.16
Test	Real	raw	0.21	0.24
Train	Shuffle	raw	0.00	0.69
Test	Shuffle	raw	0.00	0.31

