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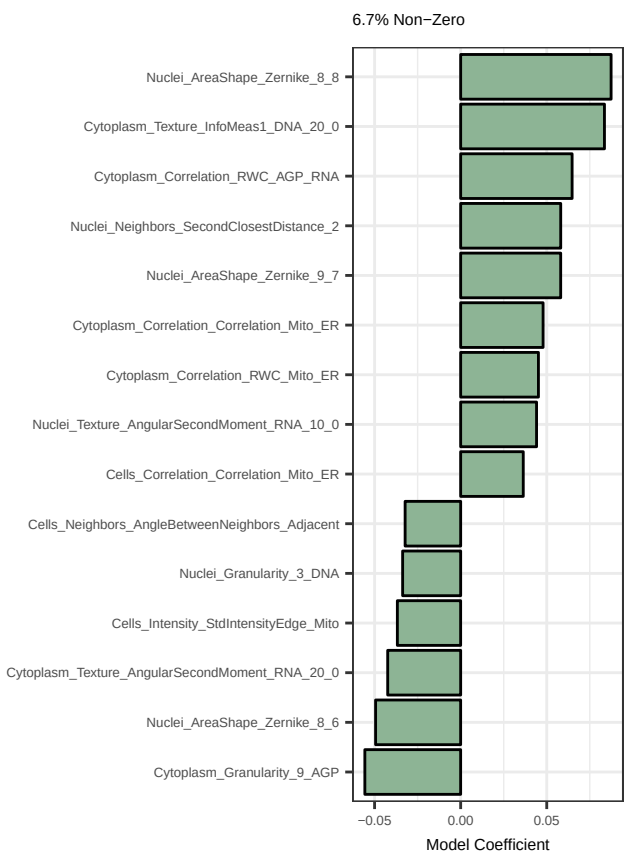
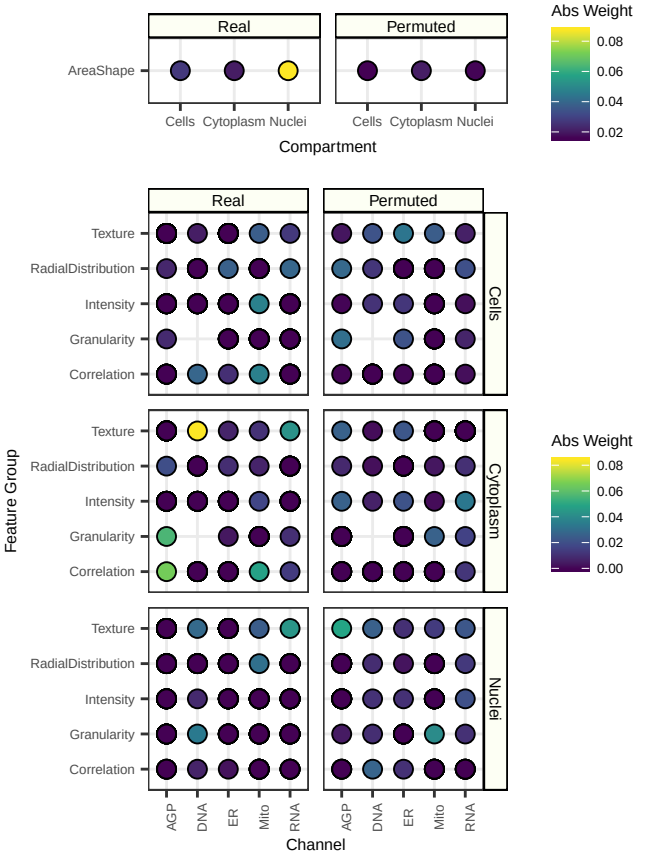
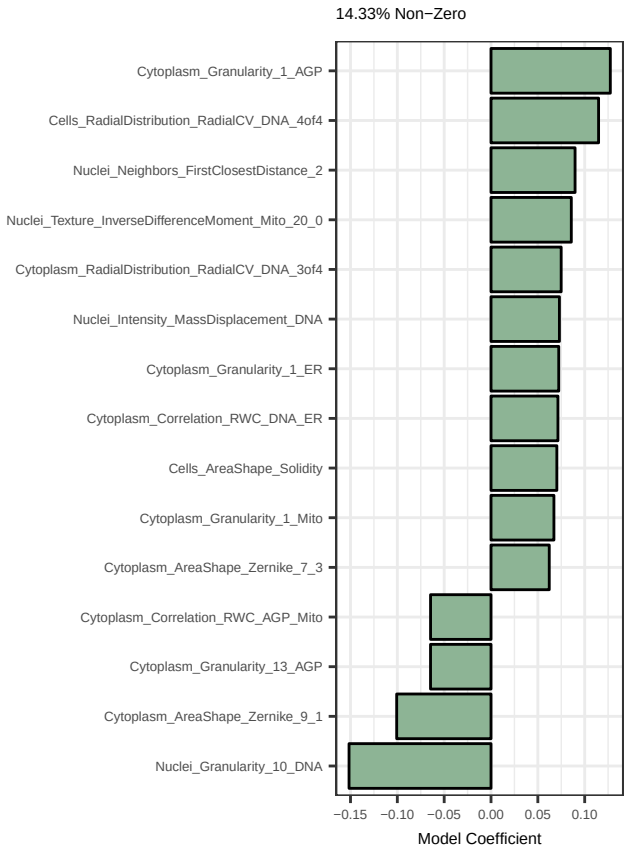
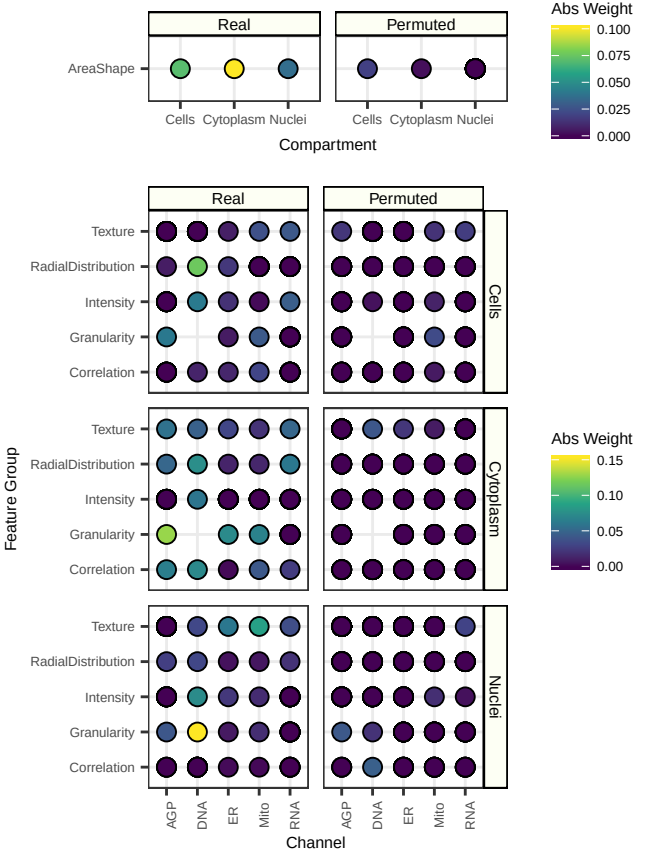


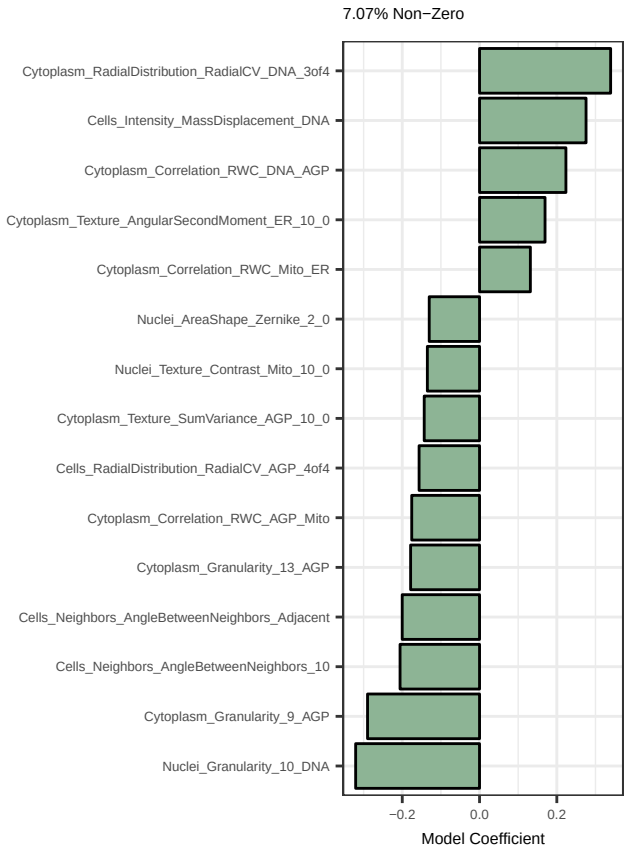


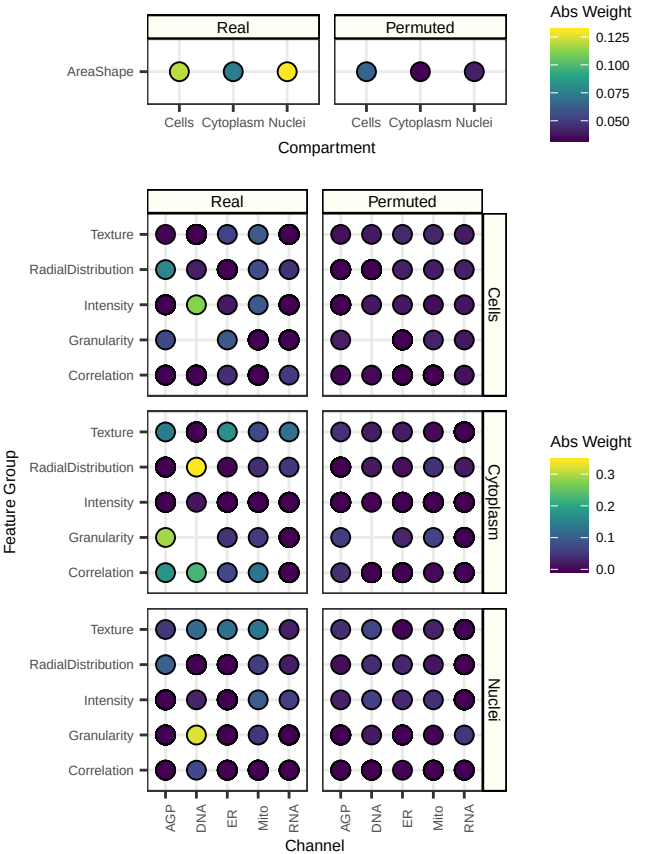
cc_all_large_notround_polynuclear_mean



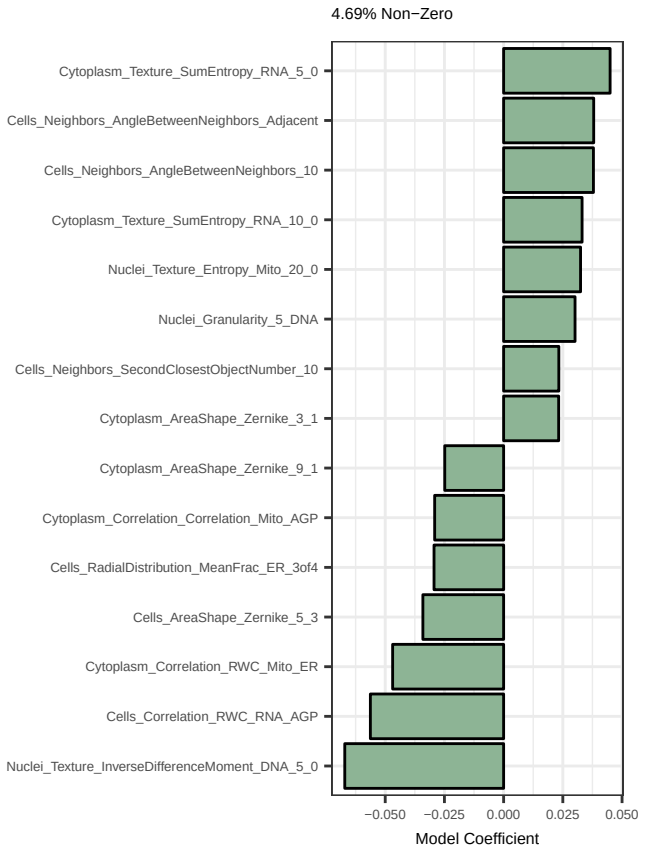


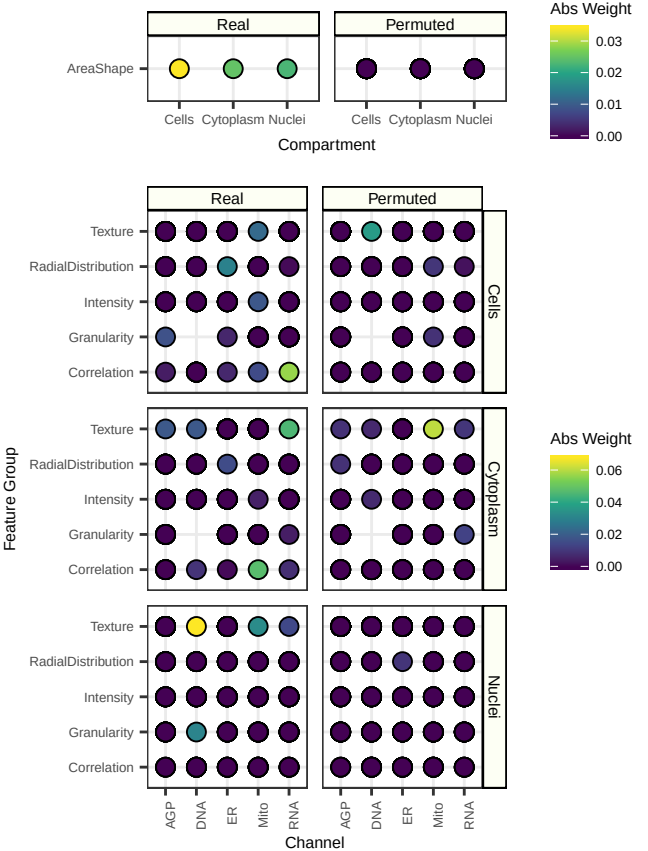
cc_all_large_round_polyploid_mean



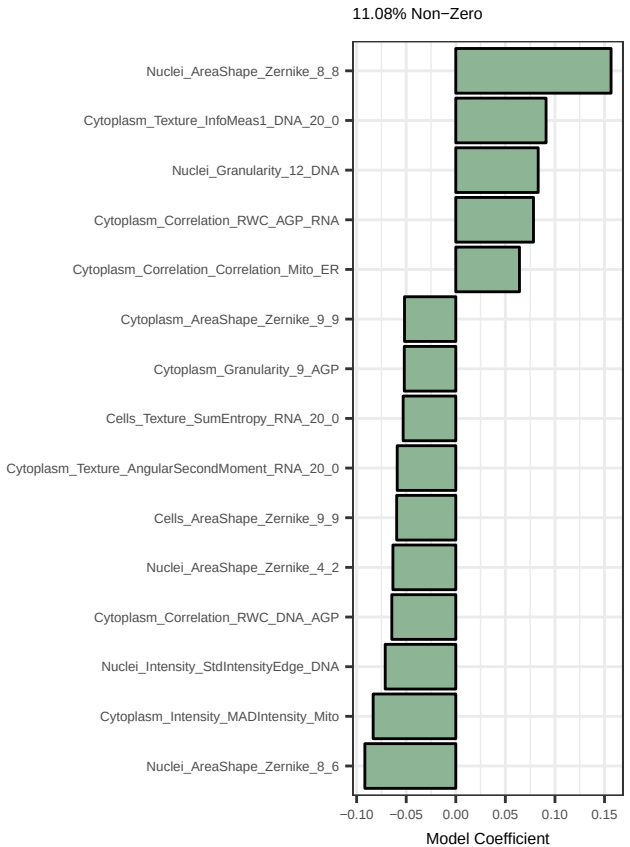


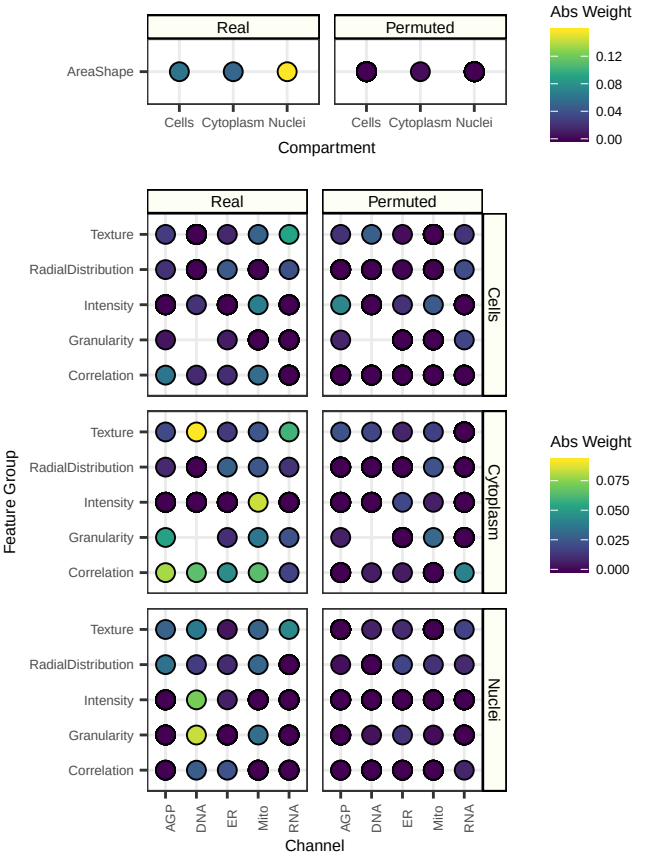
cc_all_n_objects



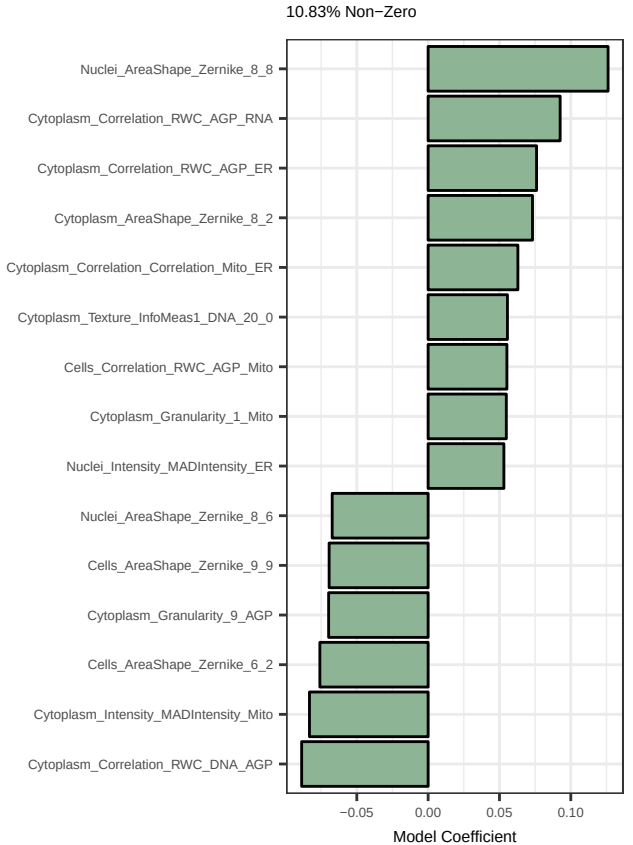


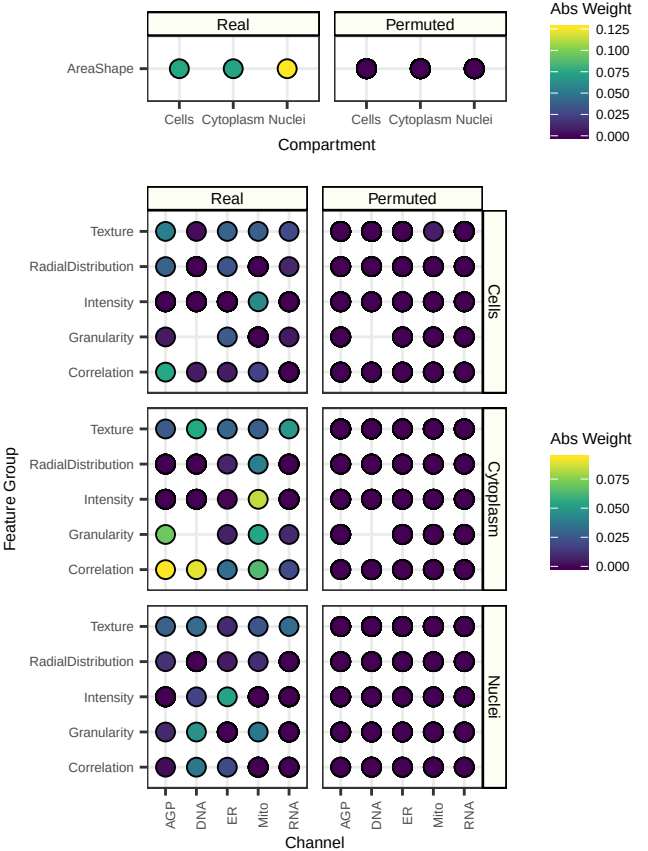
cc_all_n_spots_mean



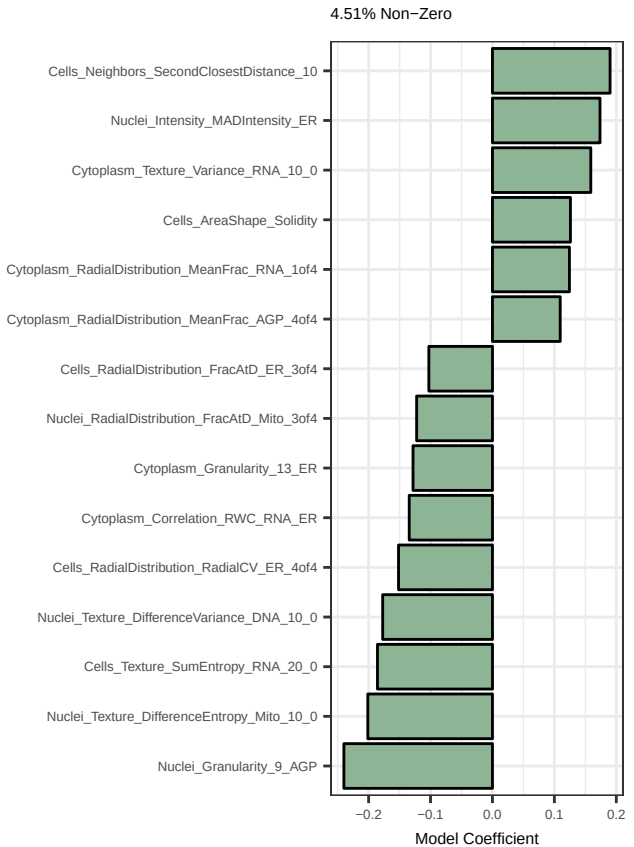


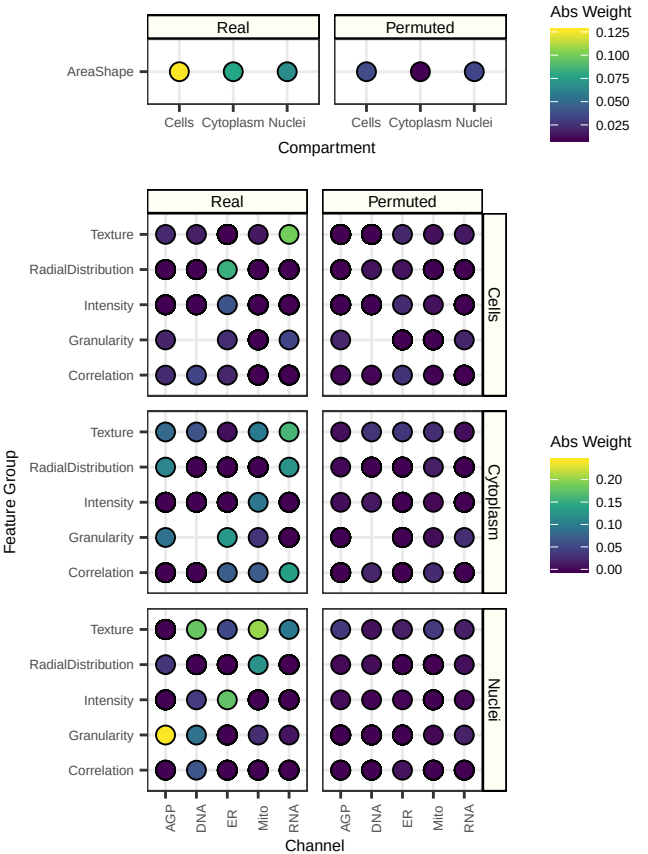
cc_all_n_spots_per_nucleus_area_mean



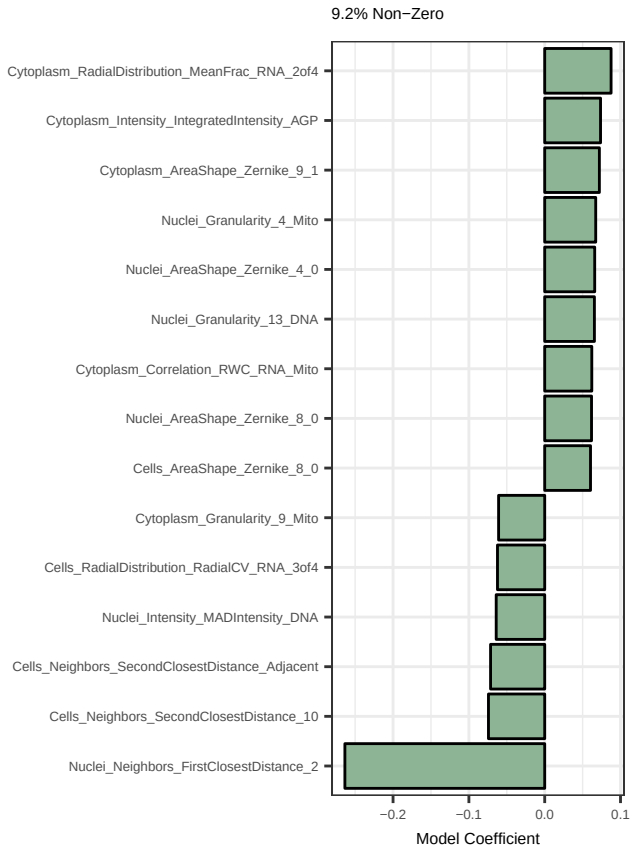


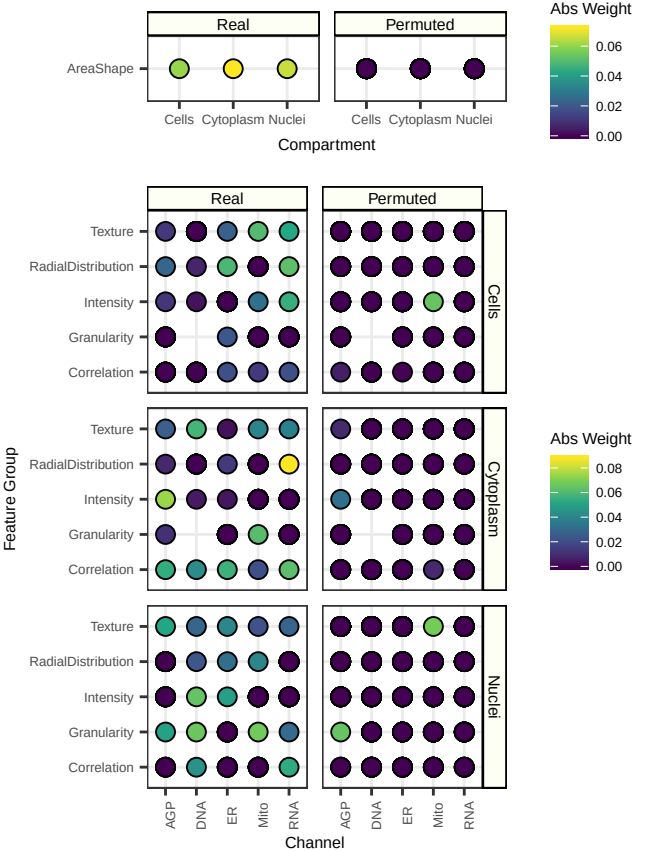
cc_all_nucleus_area_mean



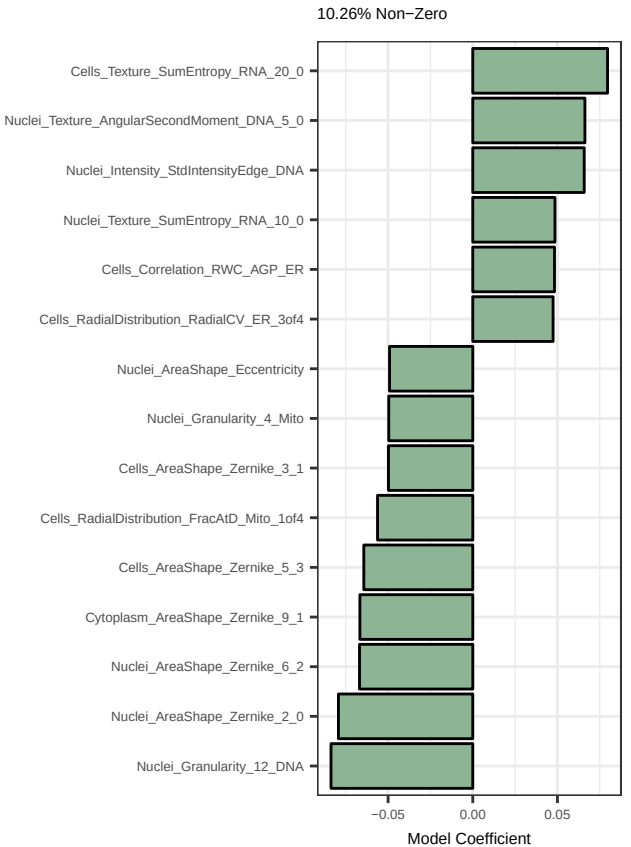


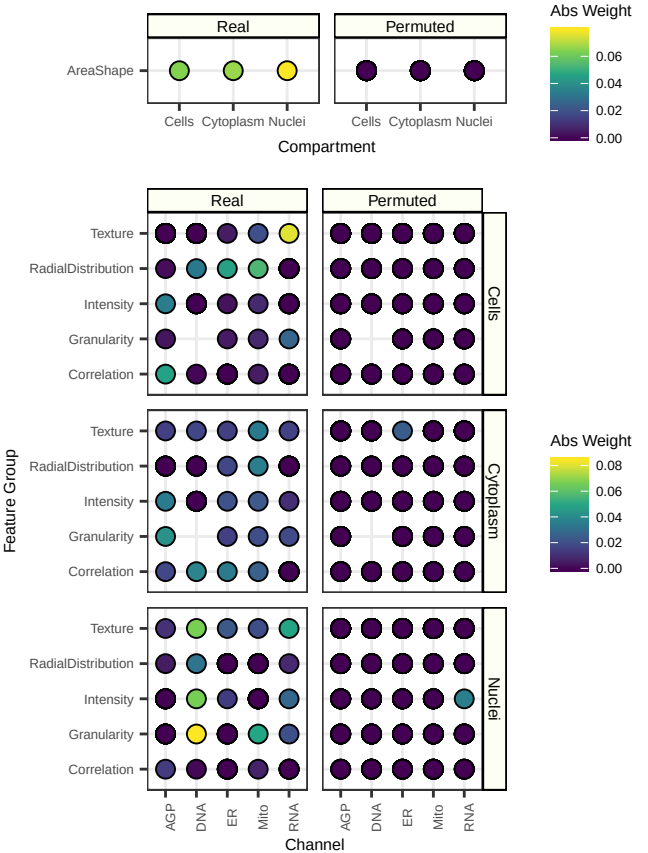
cc_all_nucleus_roundness_mean



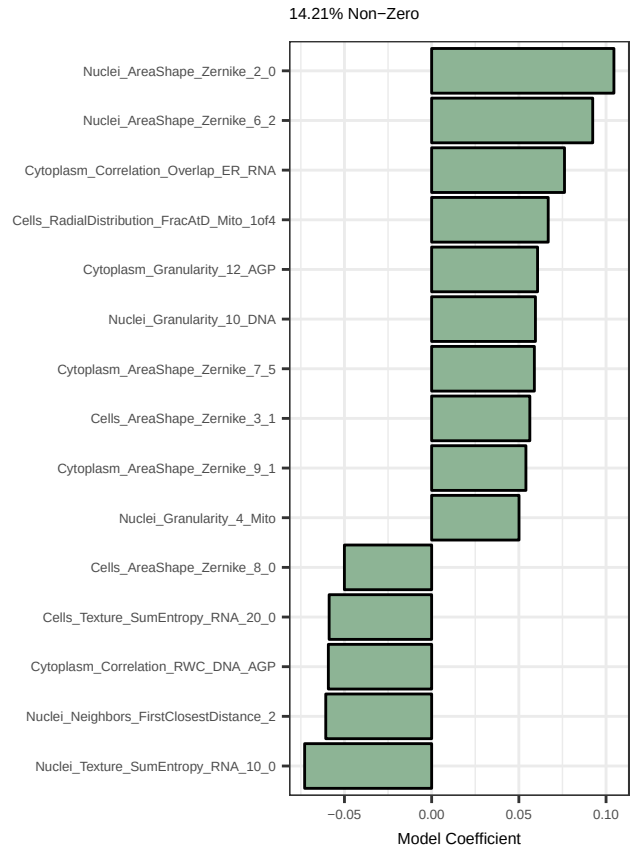


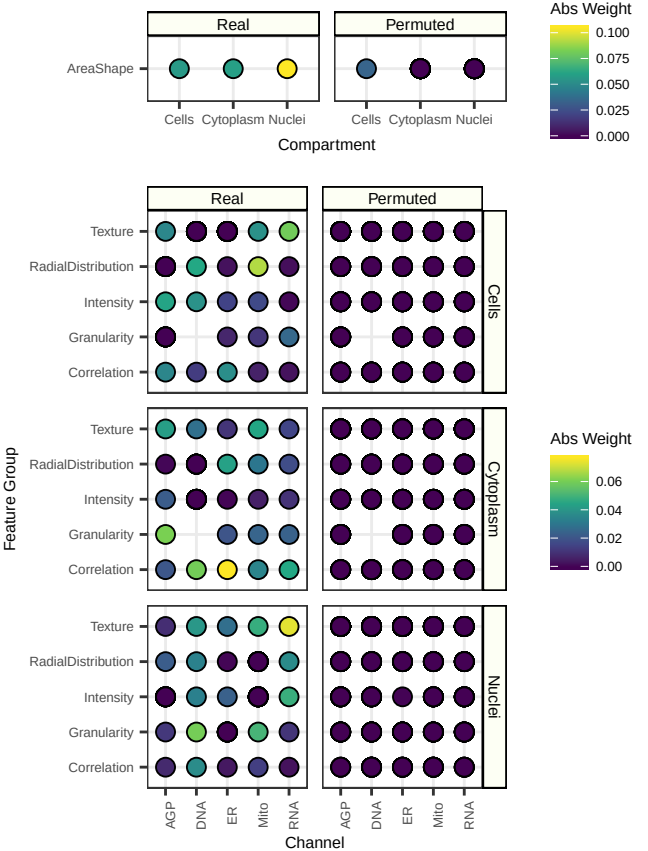
cc_cc_edu_pos_mean





cc_cc_g1_mean


14.21% Non−Zero
Nuclei_AreaShape_Zernike_2_0
Nuclei_AreaShape_Zernike_6_2
Cytoplasm_Correlation_Overlap_ER_RNA
Cells_RadialDistribution_FracAtD_Mito_1of4
Cytoplasm_Granularity_12_AGP
Nuclei_Granularity_10_DNA
Cytoplasm_AreaShape_Zernike_7_5
Cells_AreaShape_Zernike_3_1
Cytoplasm_AreaShape_Zernike_9_1
Nuclei_Granularity_4_Mito
Cells_AreaShape_Zernike_8_0
Cells_Texture_SumEntropy_RNA_20_0
Cytoplasm_Correlation_RWC_DNA_AGP
Nuclei_Neighbors_FirstClosestDistance_2
Nuclei_Texture_SumEntropy_RNA_10_0
−0.05
0.00
0.05
0.10
Model Coefficient


Real
Permuted
AreaShape
Cells Cytoplasm Nuclei
Cells Cytoplasm Nuclei
Compartment
Abs Weight
0.100
0.075
0.050
0.025
0.000
Feature Group
Texture
RadialDistribution
Intensity
Granularity
Correlation
Cells
Cytoplasm
Nuclei
Abs Weight
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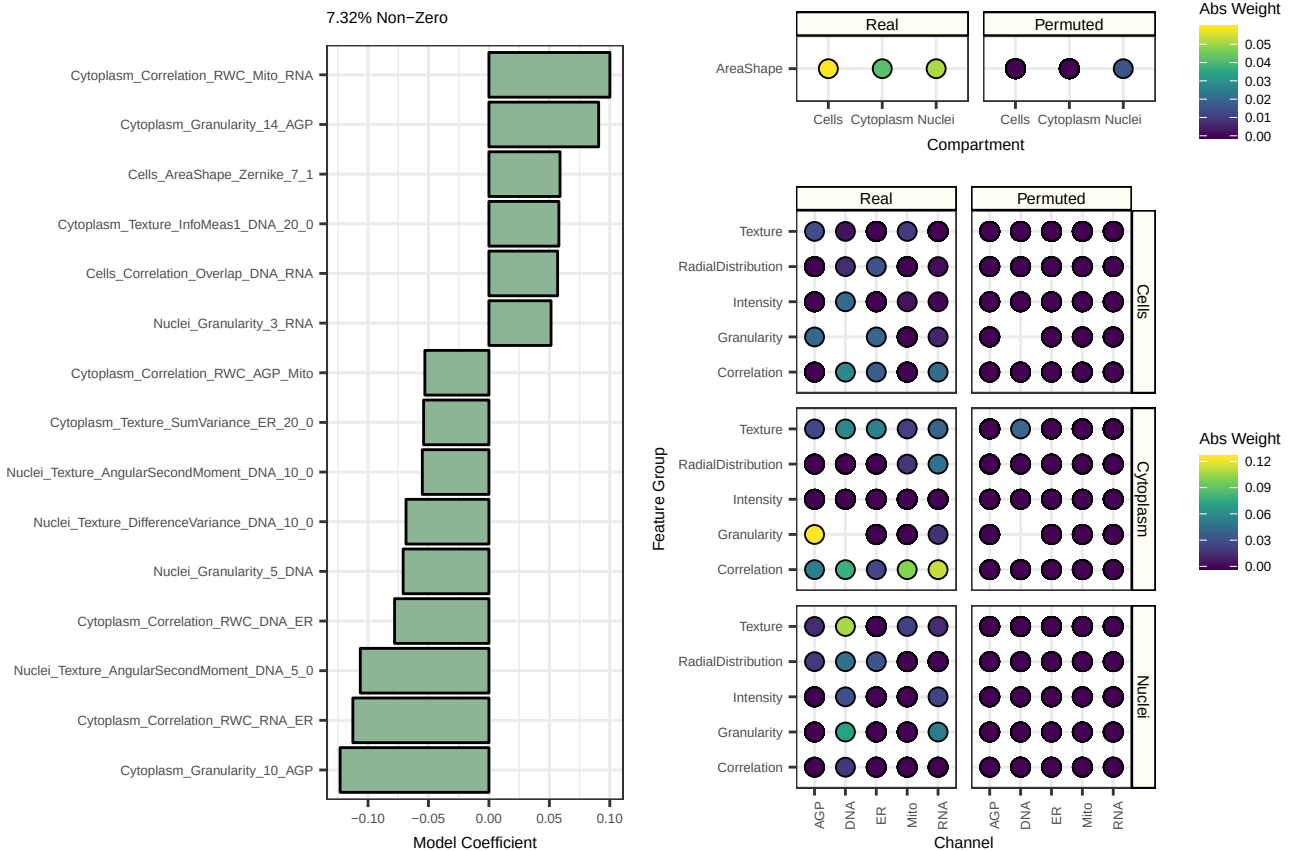
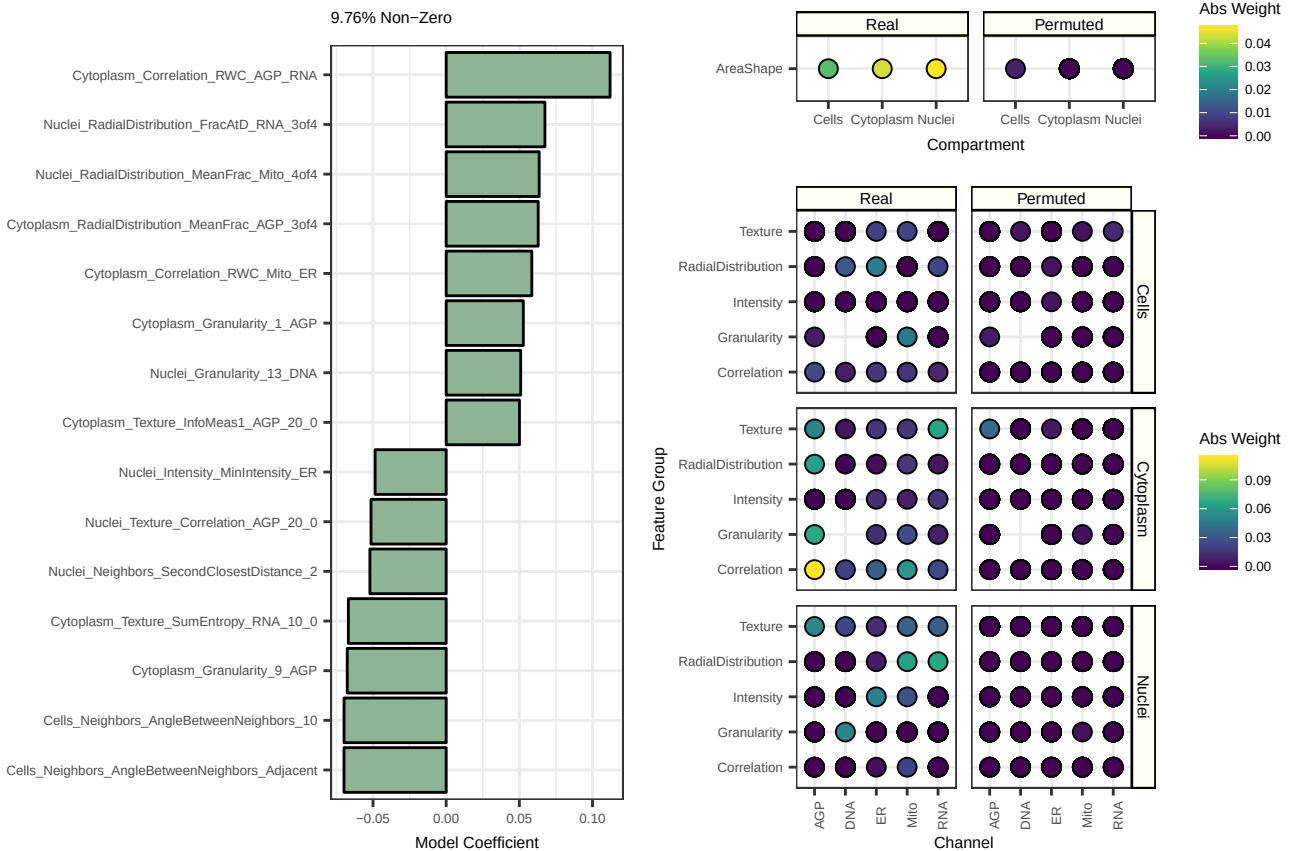
AGP DNA ER Mito RNA
AGP DNA ER Mito RNA
Channel

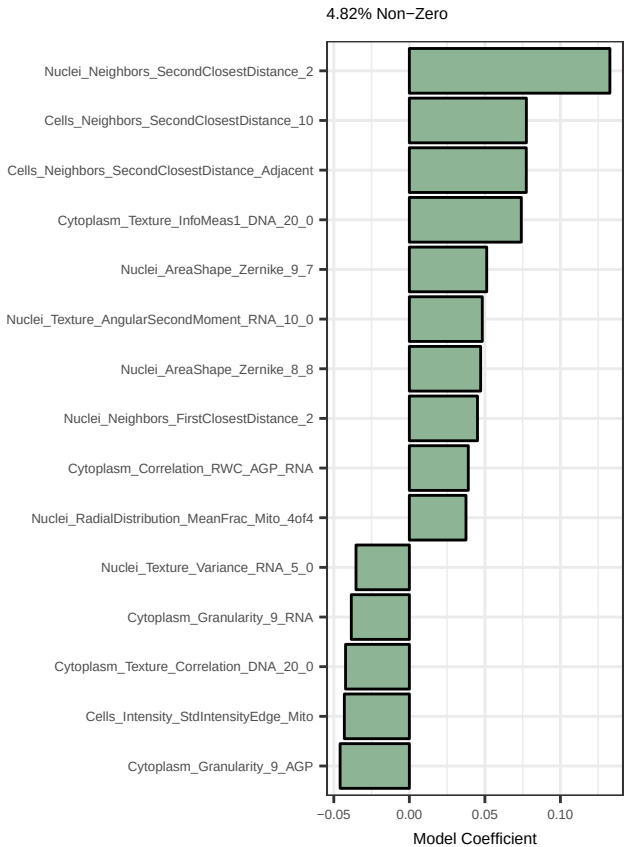
cc_cc_g2_ph3_neg_mean

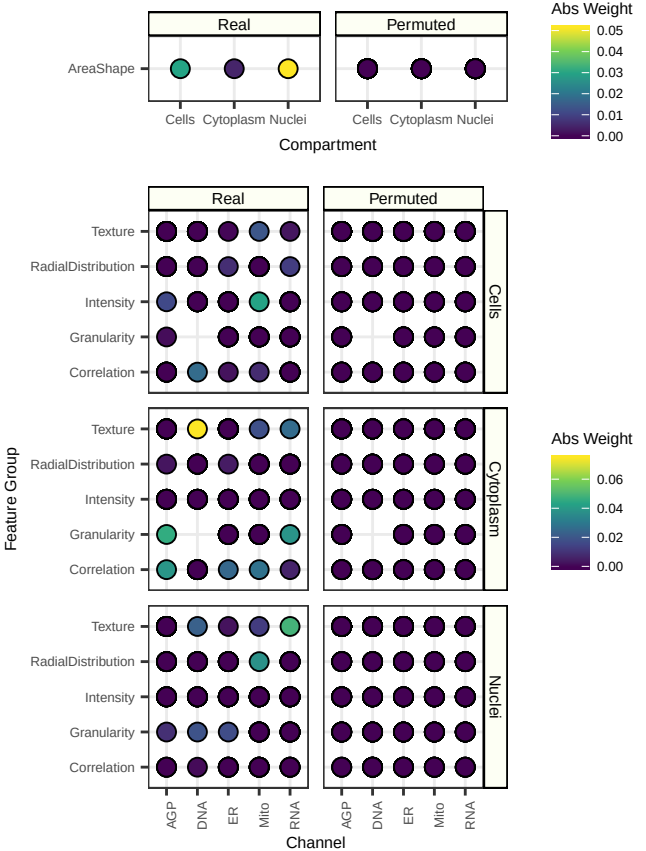


cc_cc_g2_ph3_pos_early_mitosis_mean

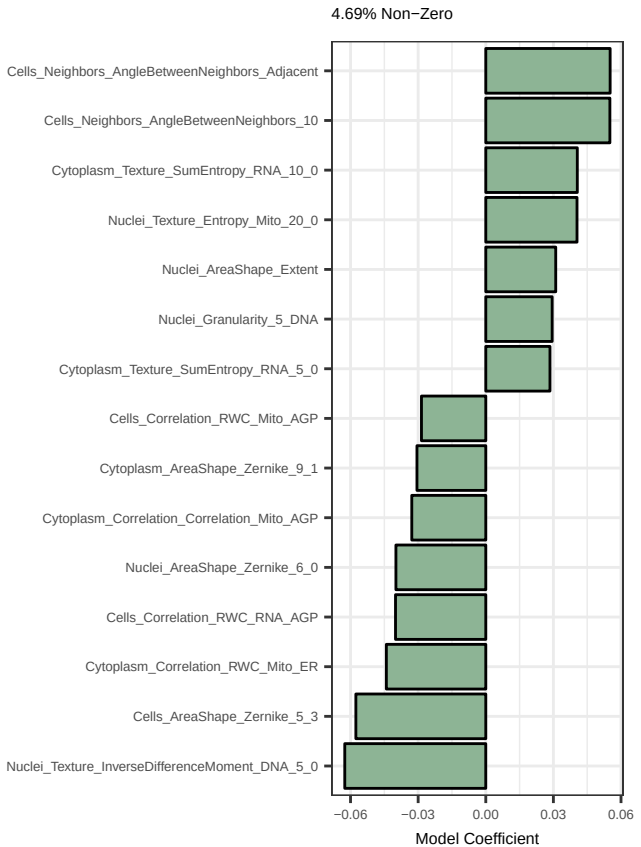


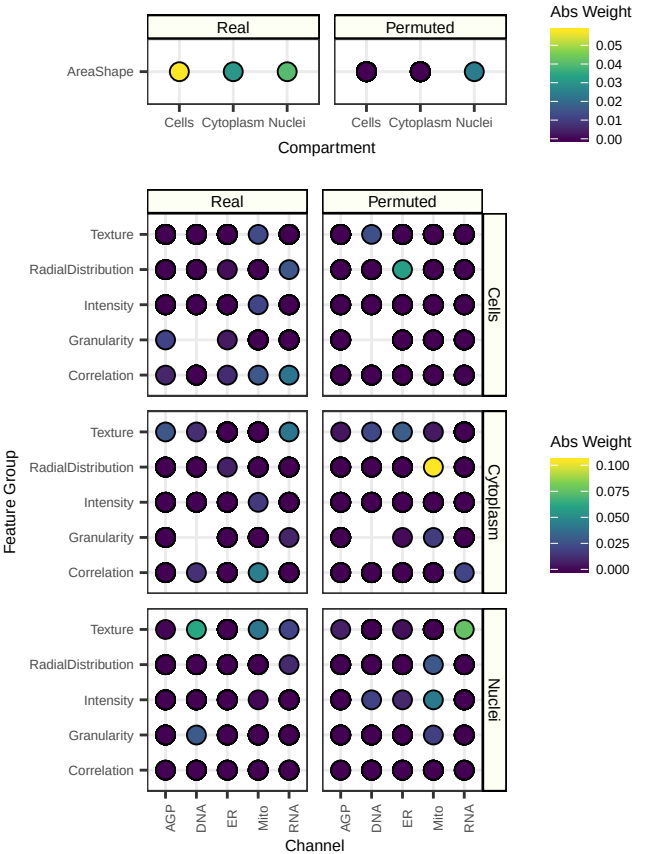
cc_cc_high_n_spots_h2ax_mean



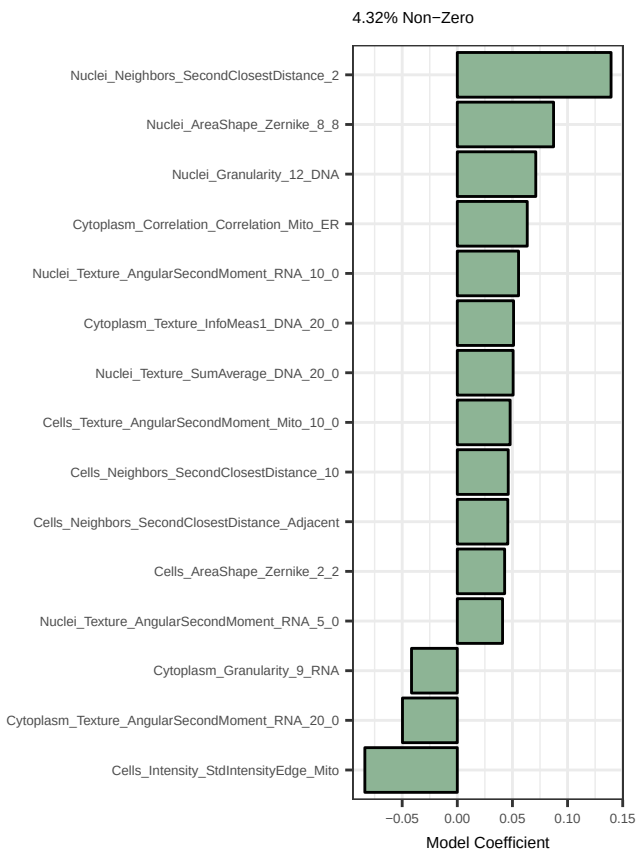


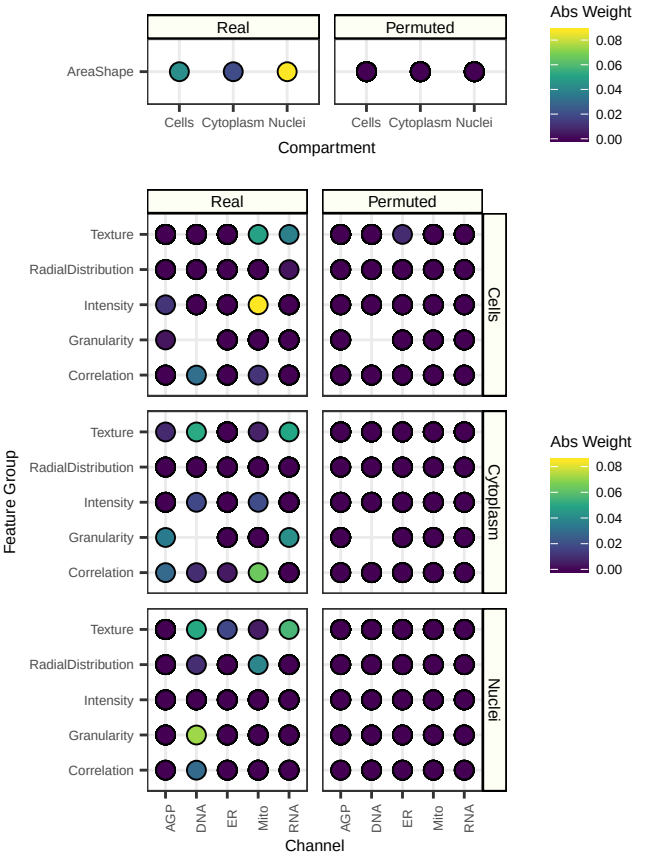
cc_cc_n_objects



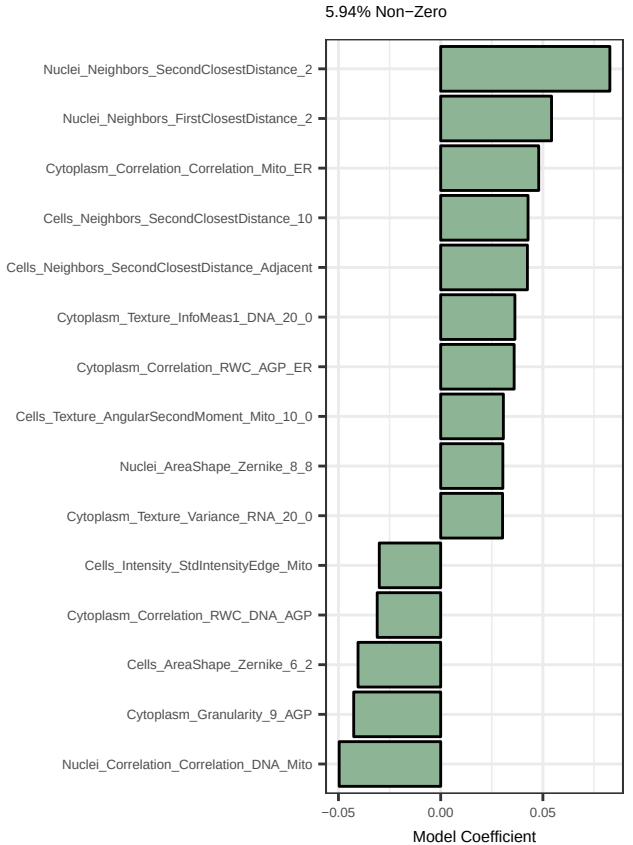


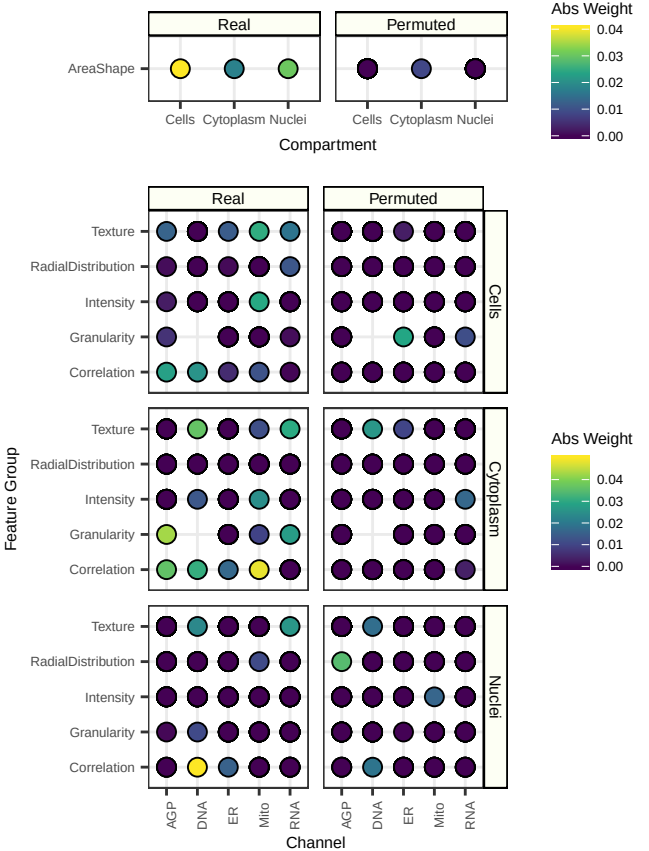
cc_cc_n_spots_mean



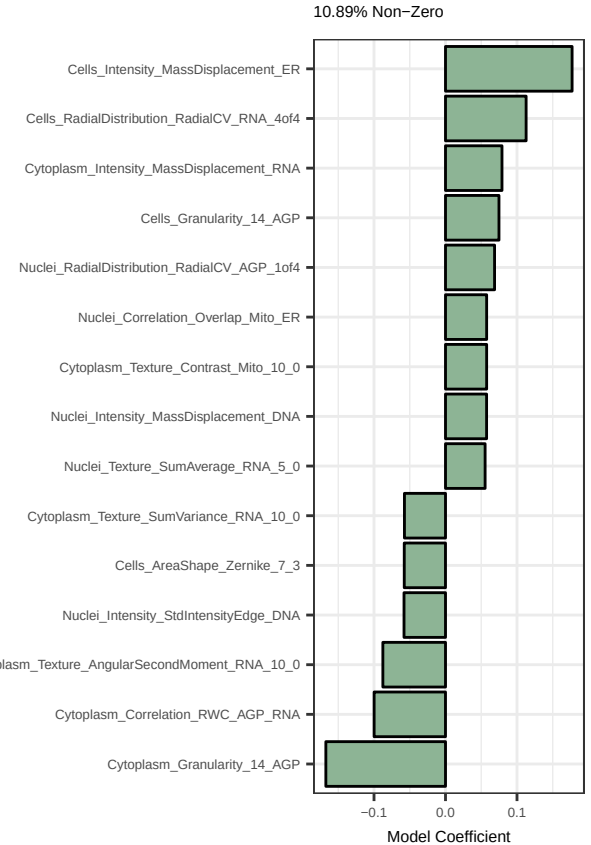


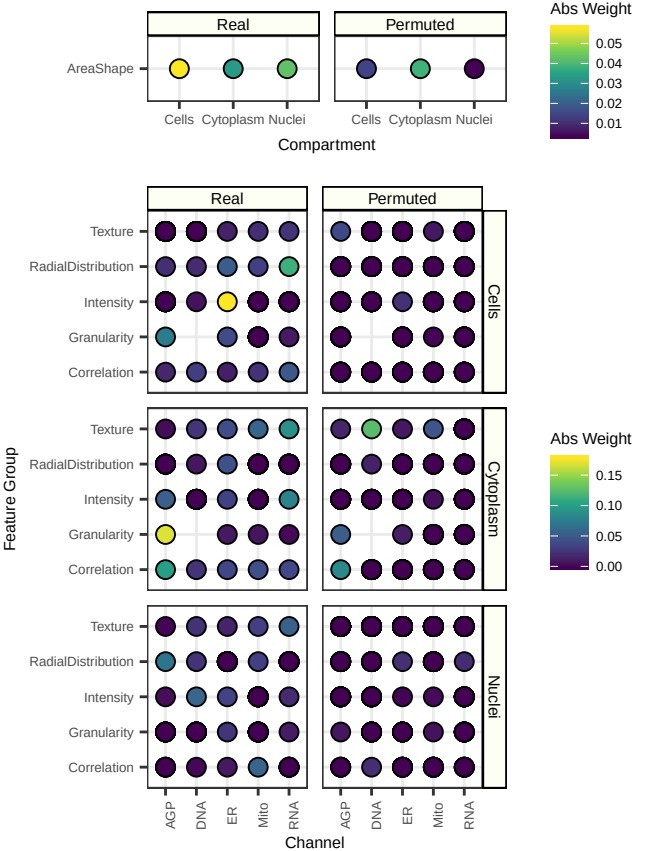
cc_cc_n_spots_per_nucleus_area_mean



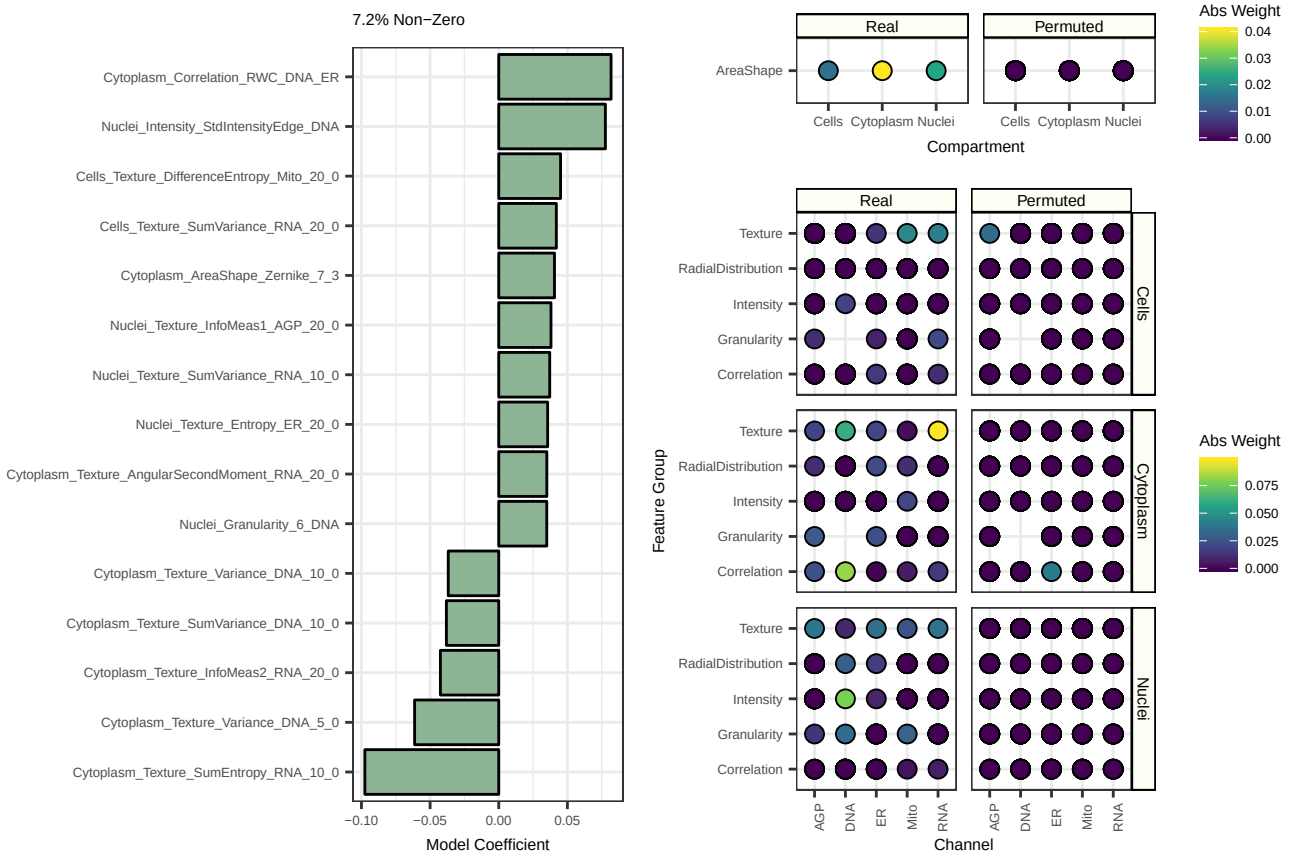


cc_cc_ph3_neg_hoechst_late_mitosis_mean

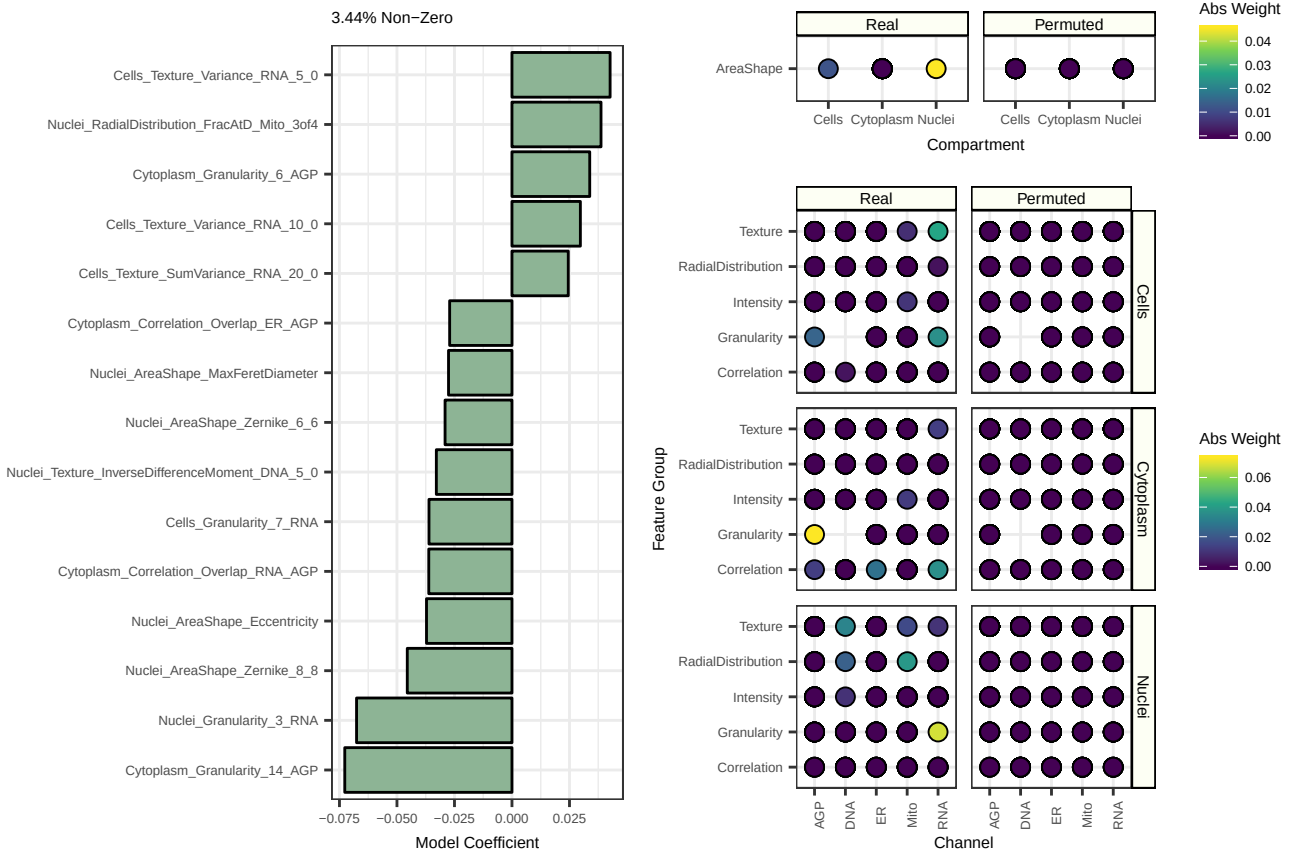




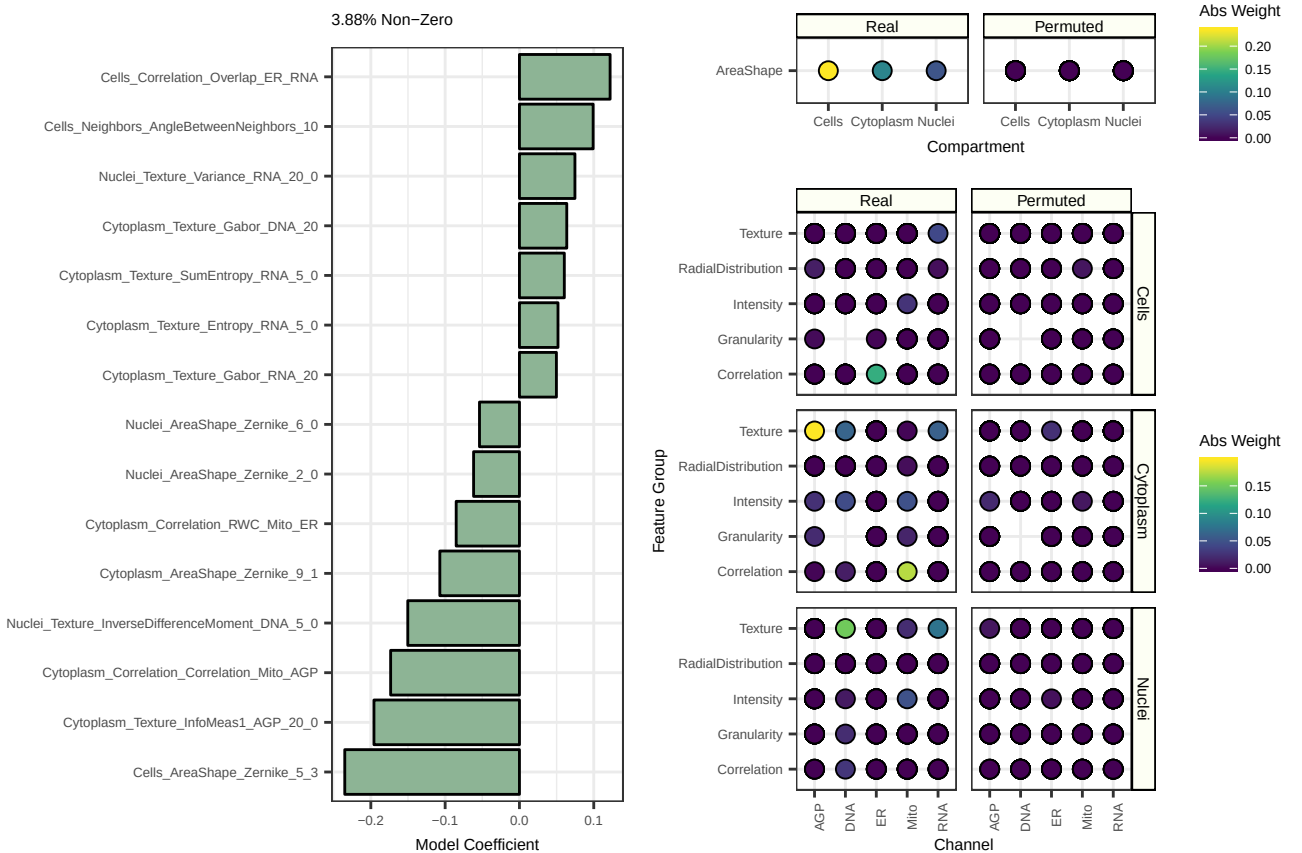
cc_cc_ph3_pos_hoechst_mitosis_mean



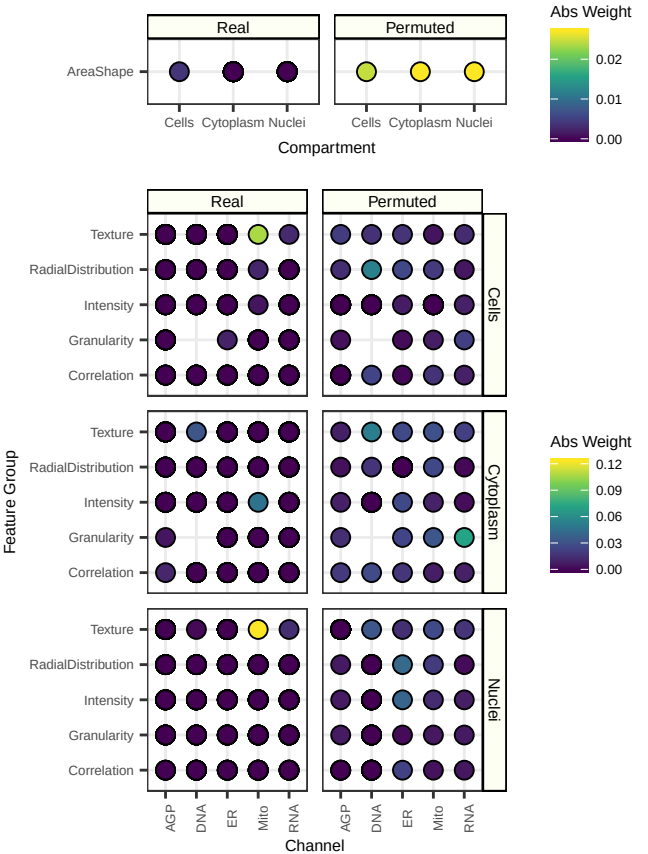
cc_edu_pos_alexa647_intensity_nucleus_area_mean



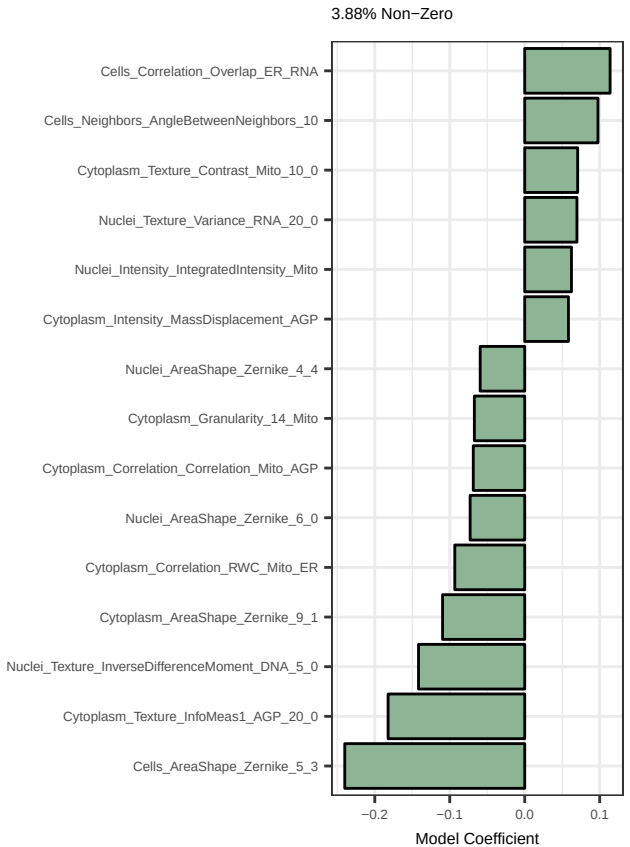
cc_edu_pos_alexa647_intensity_nucleus_area_sum

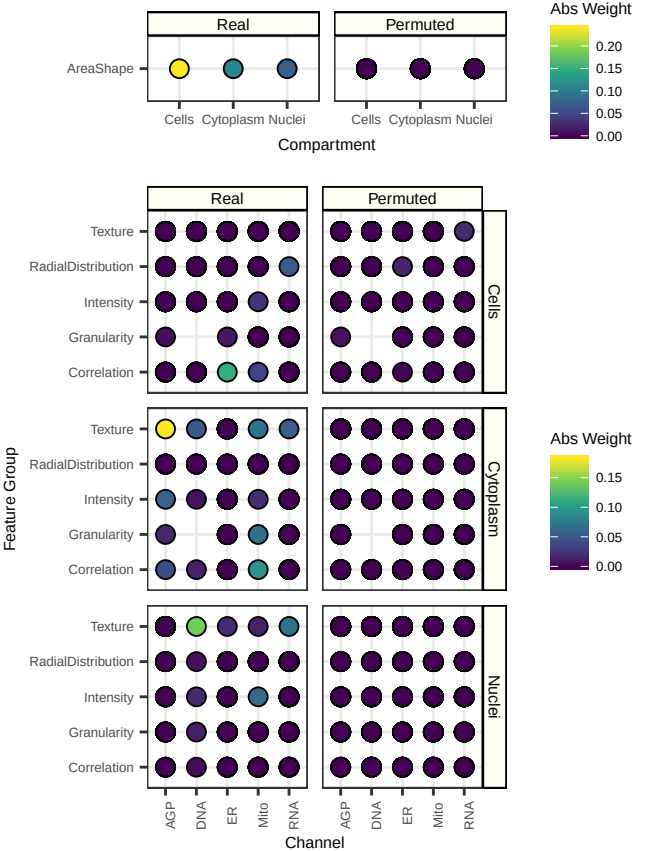


cc_edu_pos_high_n_spots_h2ax_mean

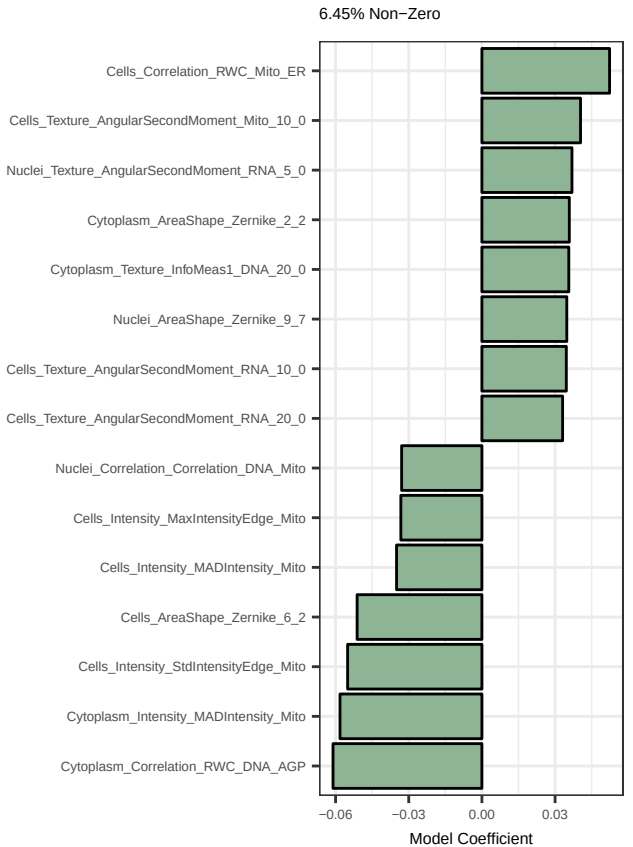


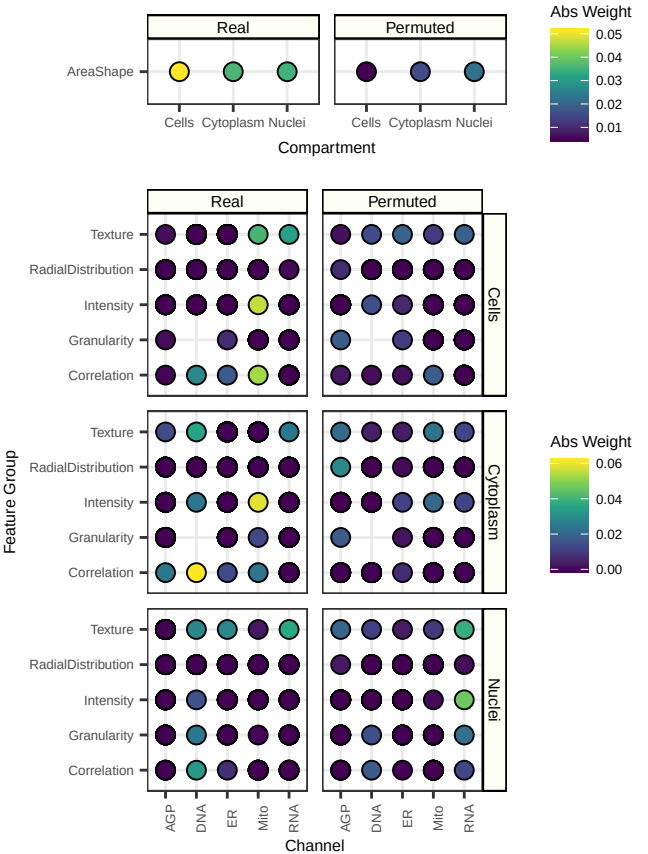
cc_edu_pos_n_objects



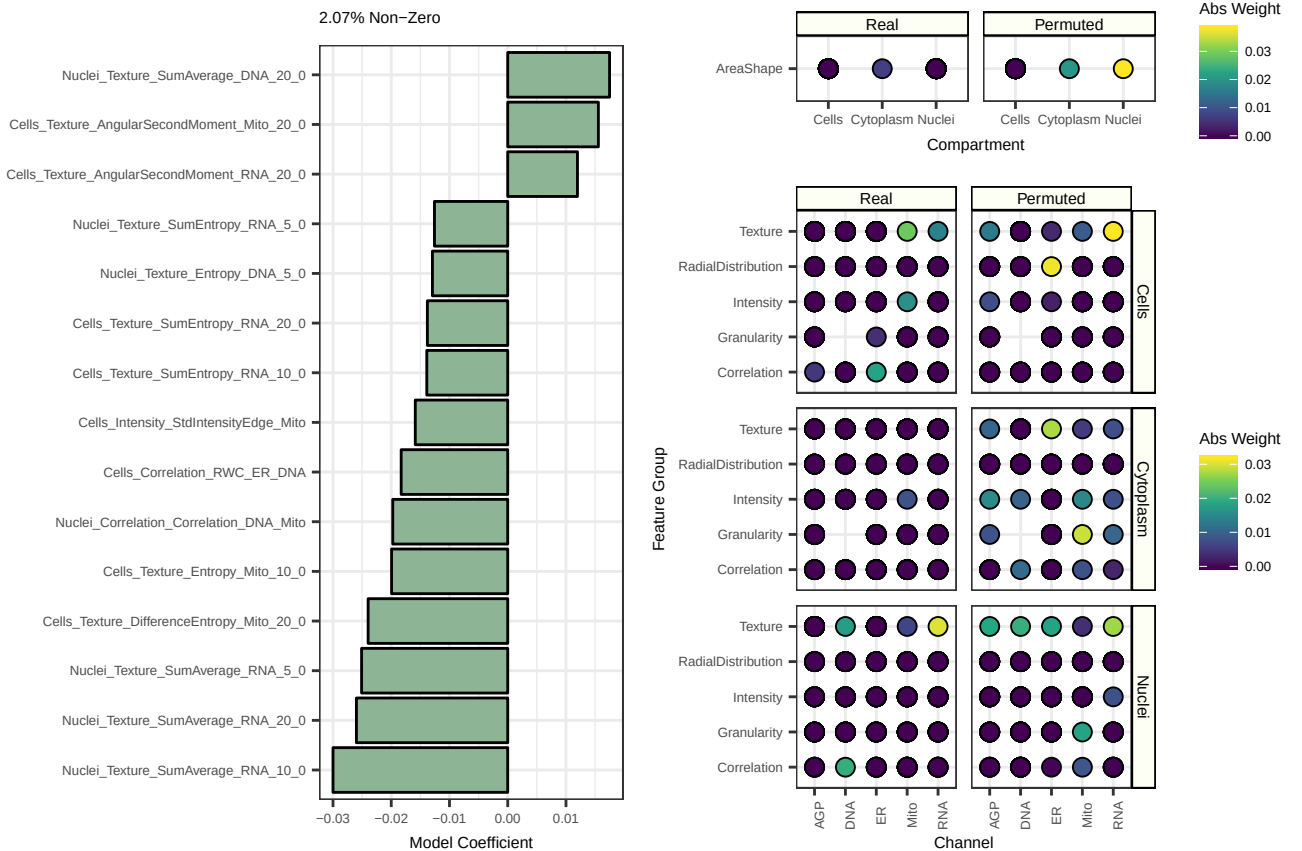


cc_edu_pos_n_spots_mean

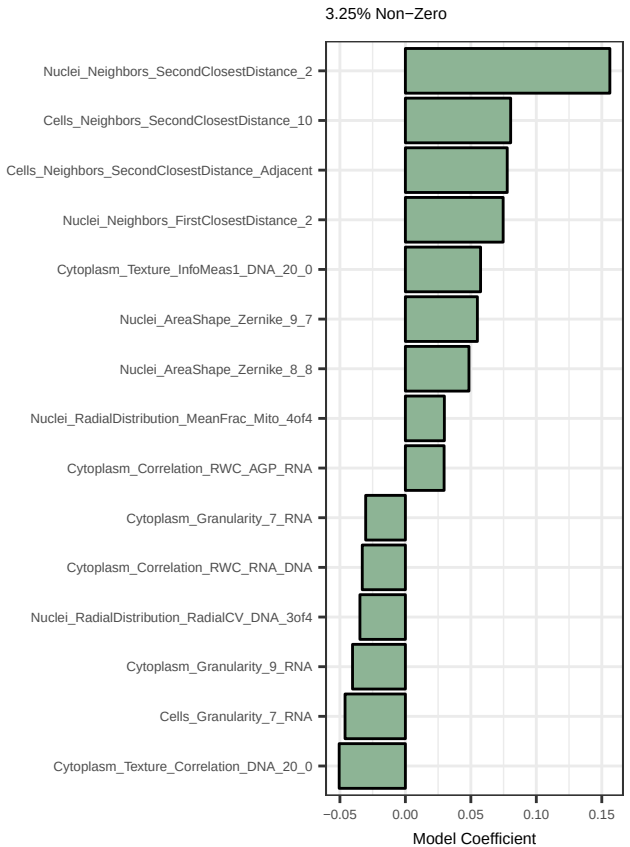


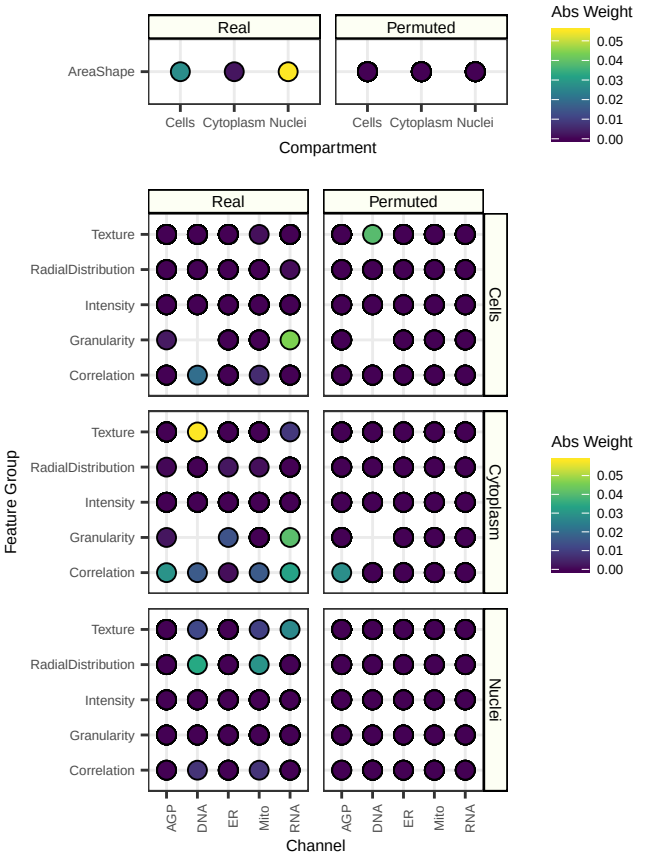


cc_edu_pos_n_spots_per_nucleus_area_mean

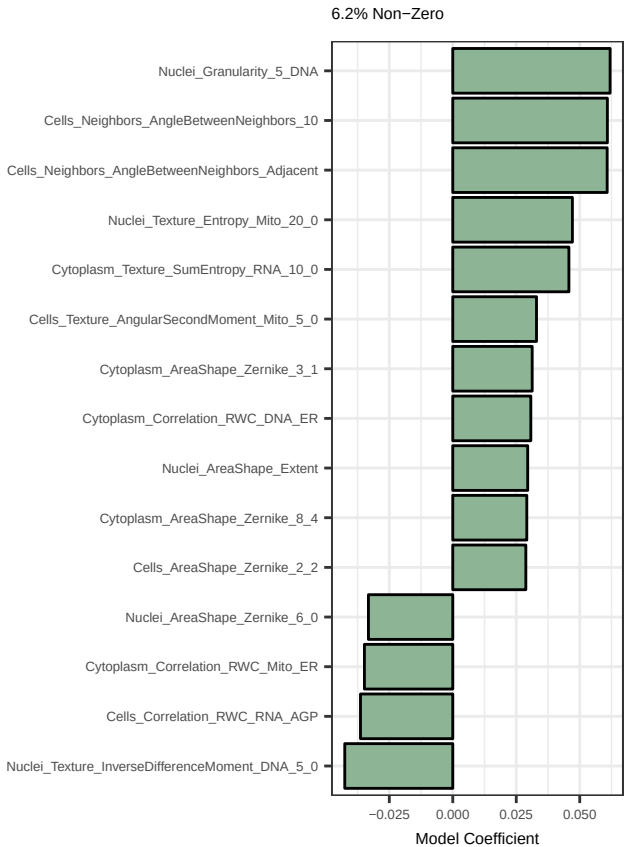


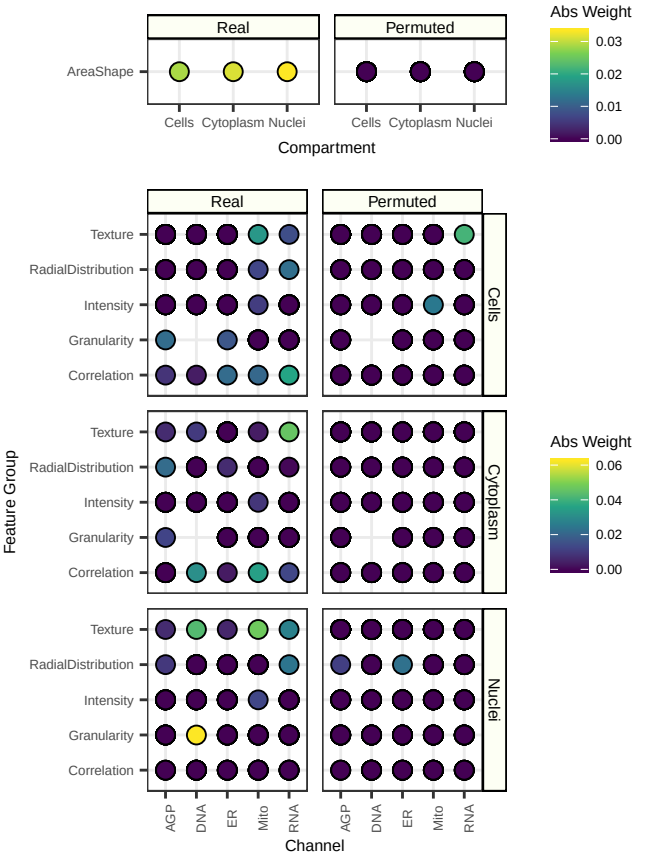
cc_g1_high_n_spots_h2ax_mean



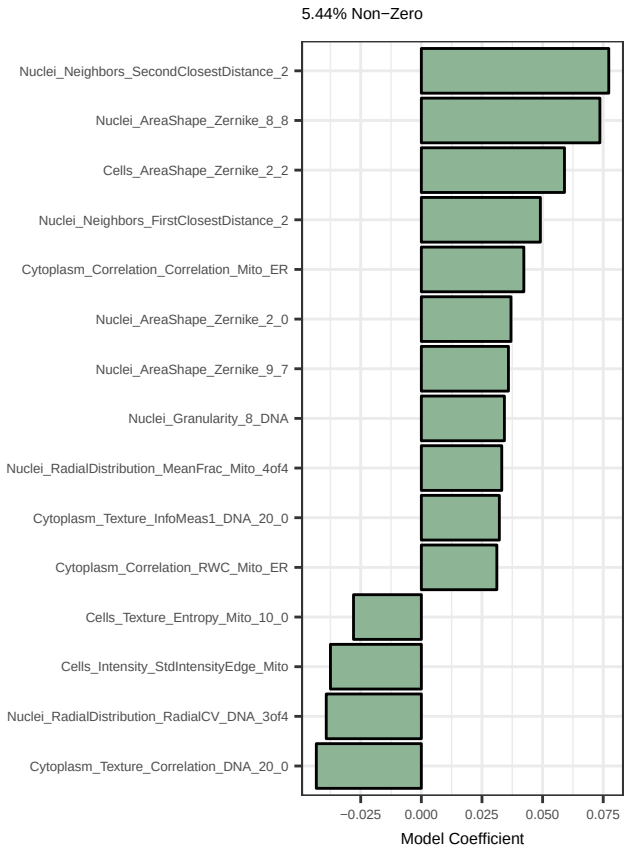


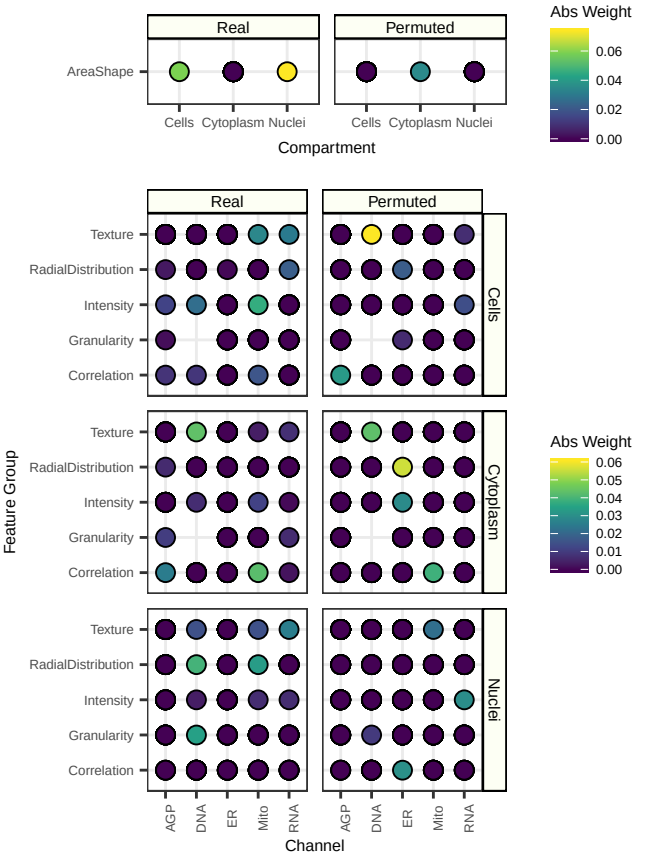
cc_g1_n_objects



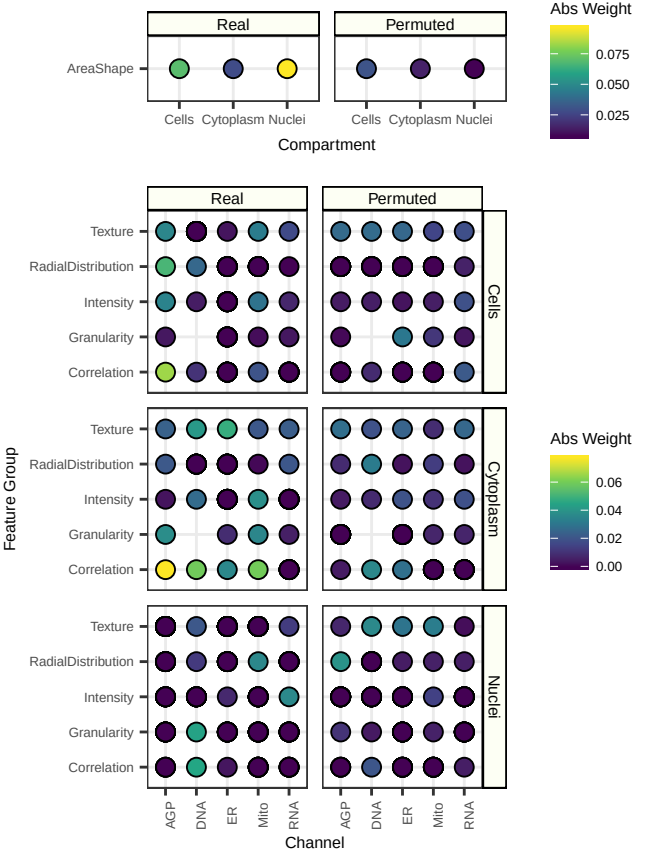


cc_g1_n_spots_mean

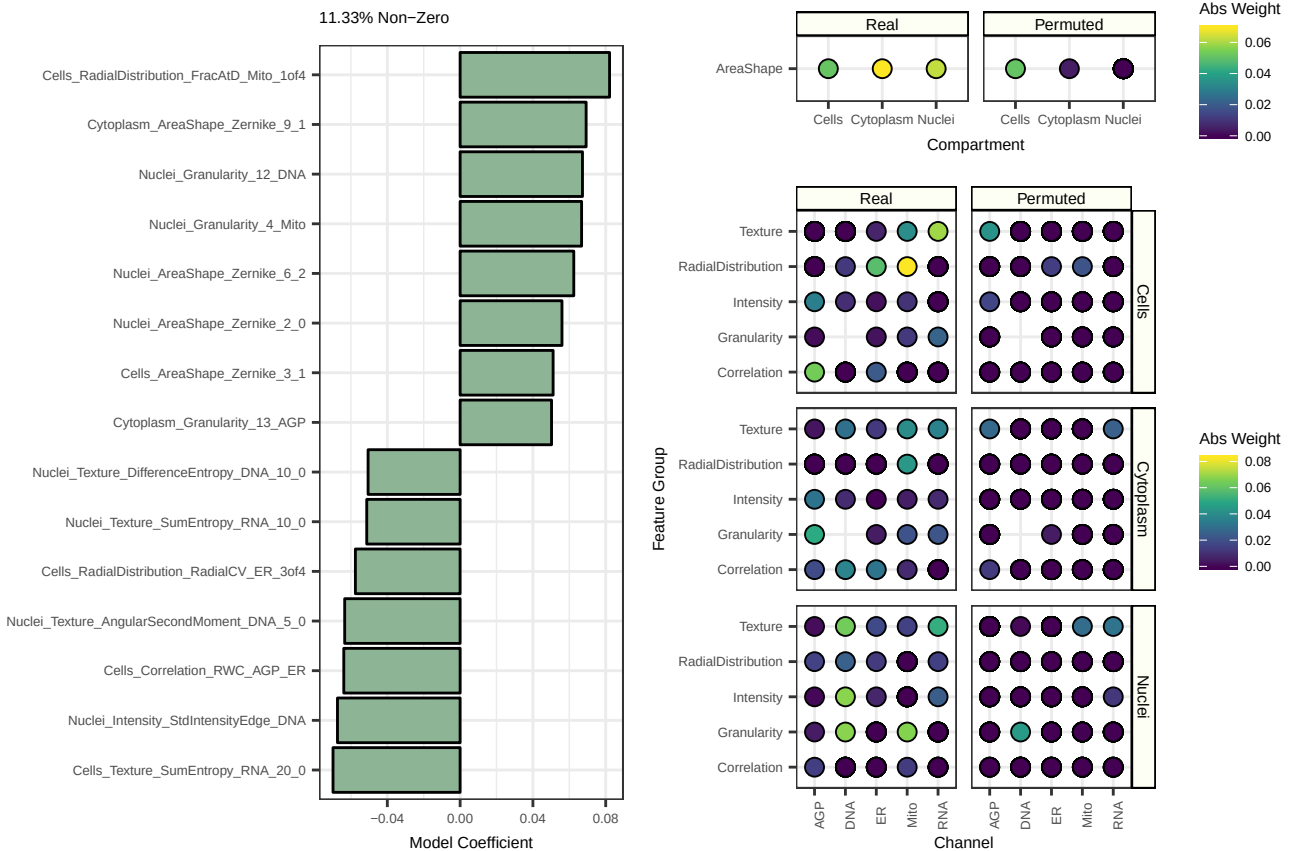




cc_g1_n_spots_per_nucleus_area_mean



cc_g1_plus_g2


11.33% Non−Zero
Cells_RadialDistribution_FracAtD_Mito_1of4
Cytoplasm_AreaShape_Zernike_9_1
Nuclei_Granularity_12_DNA
Nuclei_Granularity_4_Mito
Nuclei_AreaShape_Zernike_6_2
Nuclei_AreaShape_Zernike_2_0
Cells_AreaShape_Zernike_3_1
Cytoplasm_Granularity_13_AGP
Nuclei_Texture_DifferenceEntropy_DNA_10_0
Nuclei_Texture_SumEntropy_RNA_10_0
Cells_RadialDistribution_RadialCV_ER_3of4
Nuclei_Texture_AngularSecondMoment_DNA_5_0
Cells_Correlation_RWC_AGP_ER
Nuclei_Intensity_StdIntensityEdge_DNA
Cells_Texture_SumEntropy_RNA_20_0
−0.04
0.00
0.04
0.08
Model Coefficient
Real
Permuted
AreaShape
Cells
Cytoplasm
Nuclei
Compartment
Abs Weight
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0.04
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Texture
RadialDistribution
Intensity
Granularity
Correlation
Feature Group
Abs Weight
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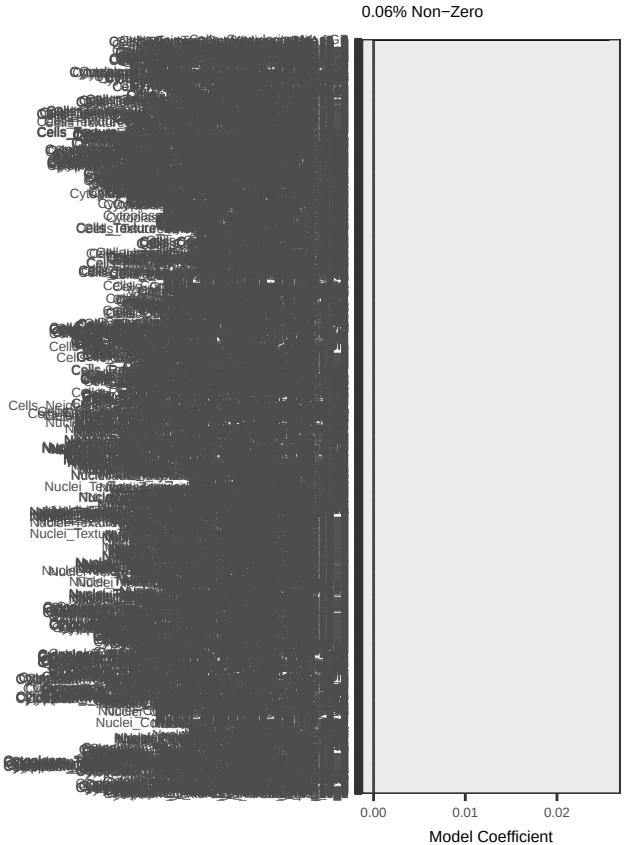
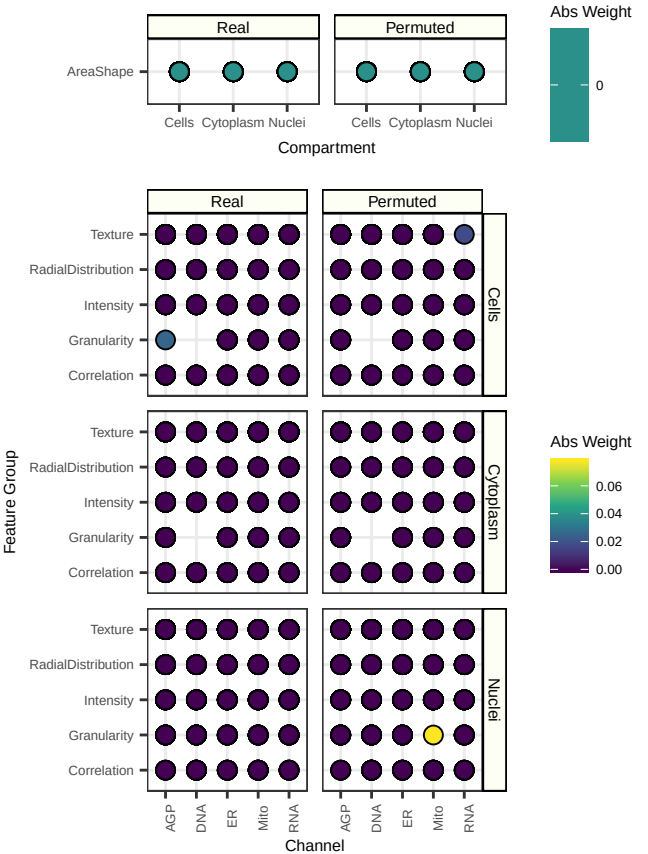
0.02
0.00
AGP
DNA
ER
Mito
RNA
Channel

cc_g2_g1


0.06% Non−Zero
0.00
0.01
0.02
Model Coefficient


Real
Permuted
AreaShape
Cells
Cytoplasm
Nuclei
Compartment
Abs Weight
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Texture
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Intensity
Granularity
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Abs Weight
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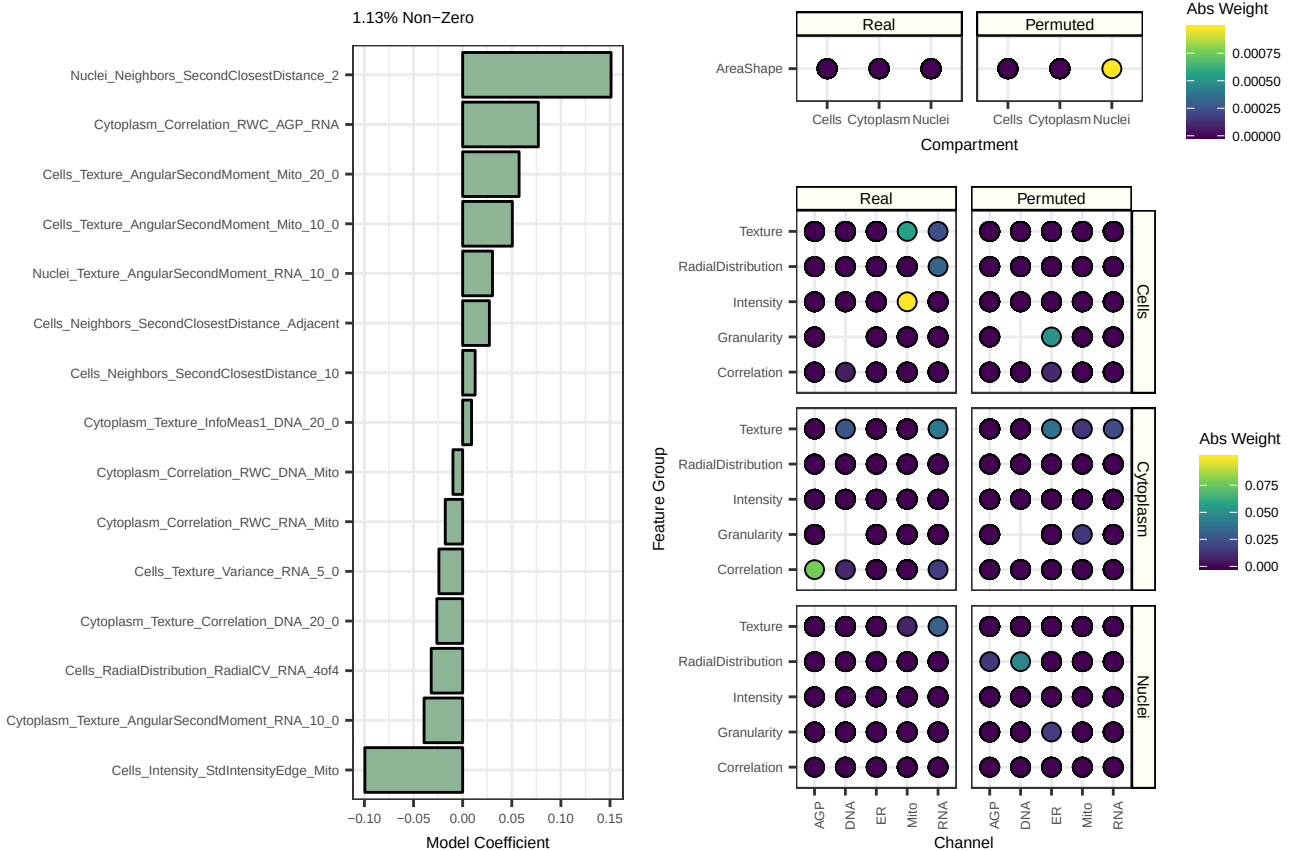
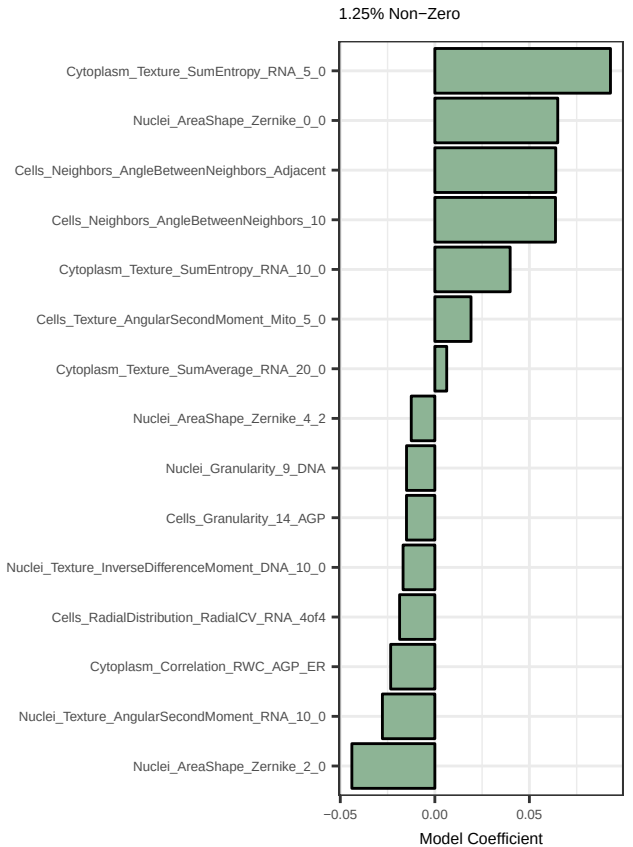
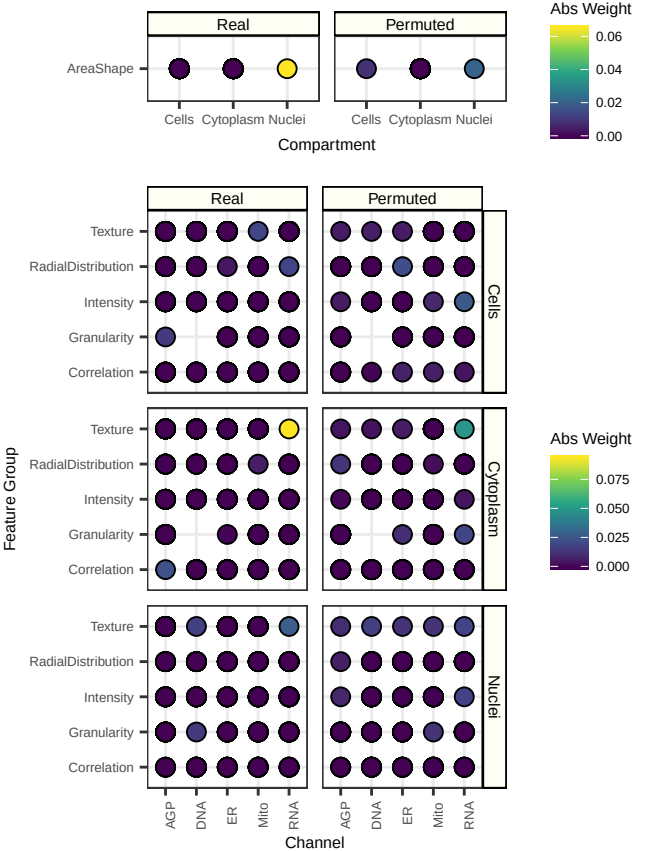
RNA
Channel

cc_g2_ph3_neg_high_n_spots_h2ax_mean

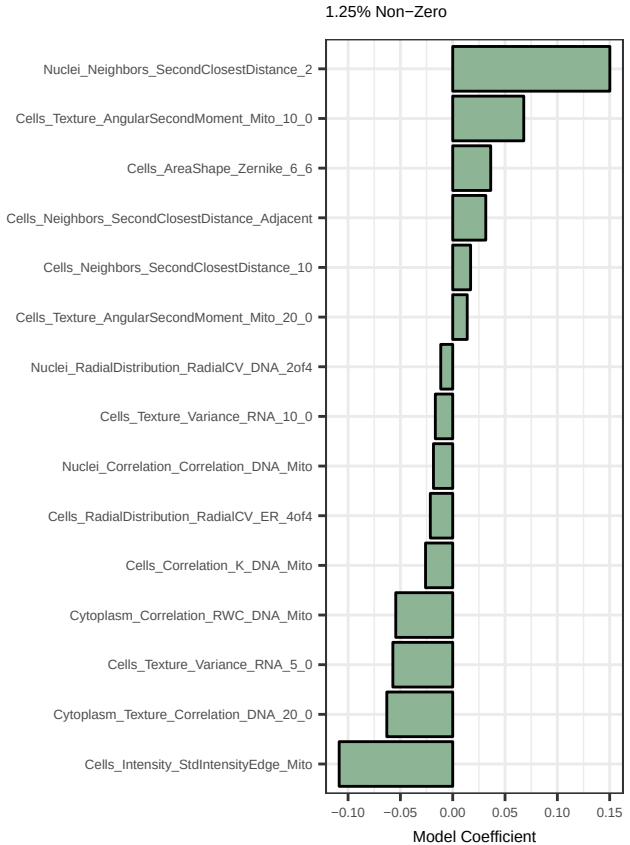


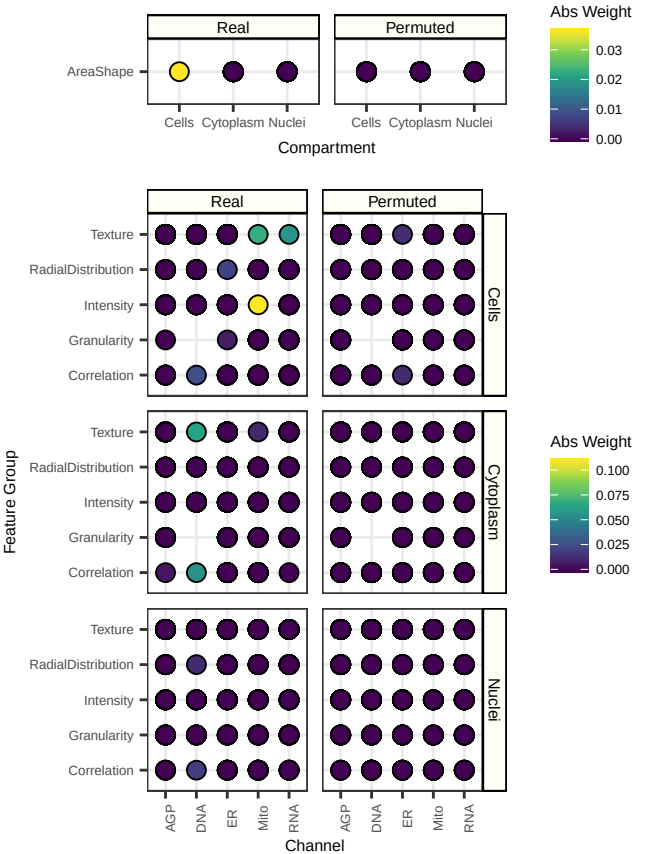
cc_g2_ph3_neg_n_objects



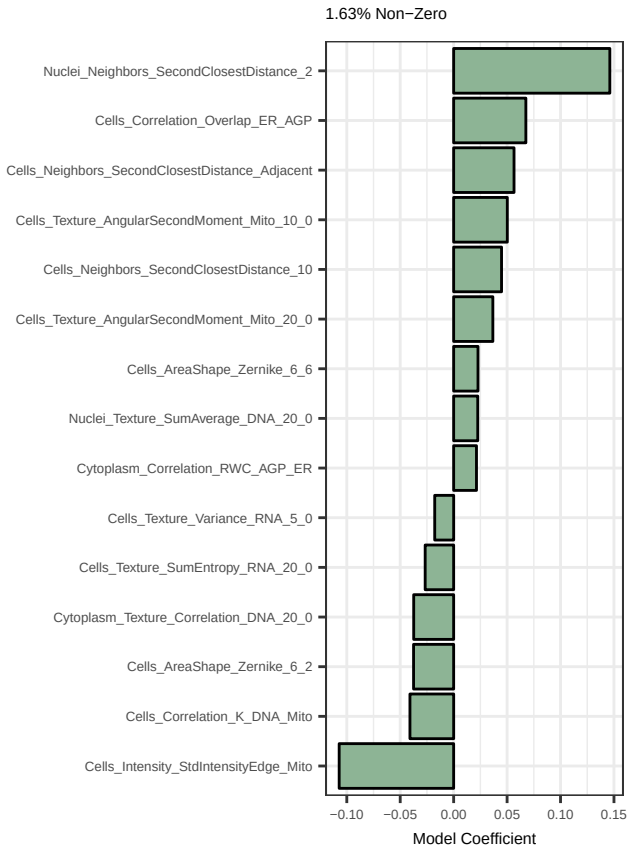


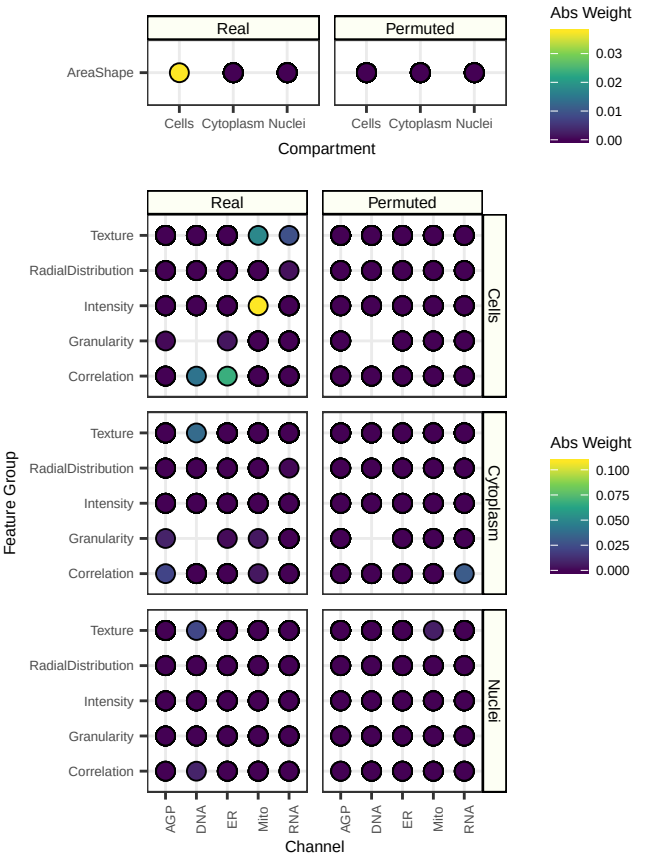
cc_g2_ph3_neg_n_spots_mean



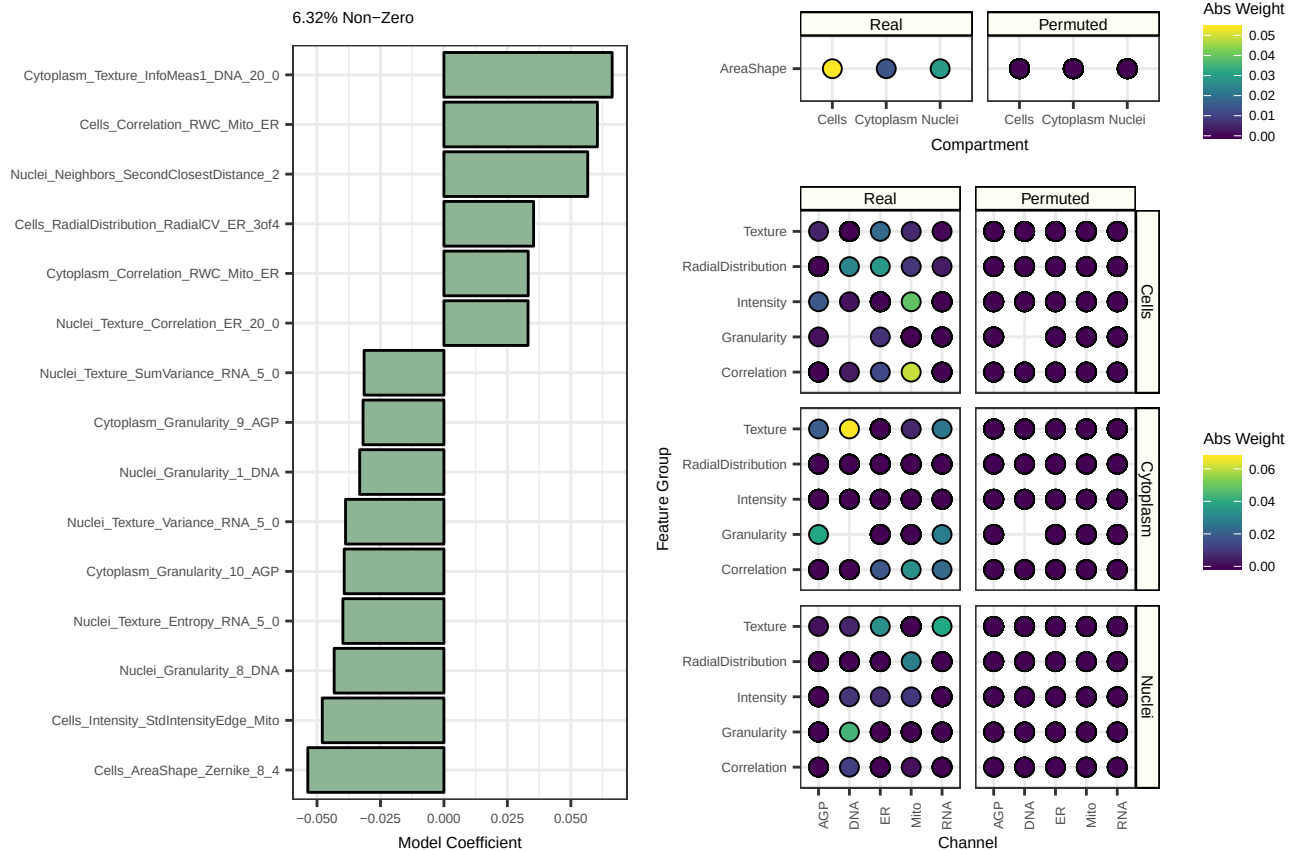


cc_g2_ph3_neg_n_spots_per_nucleus_area_mean

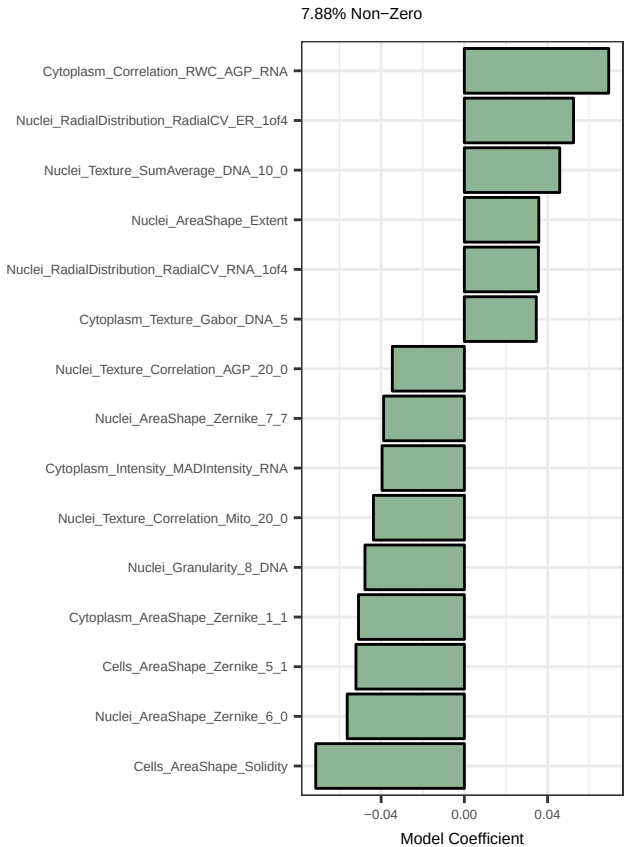


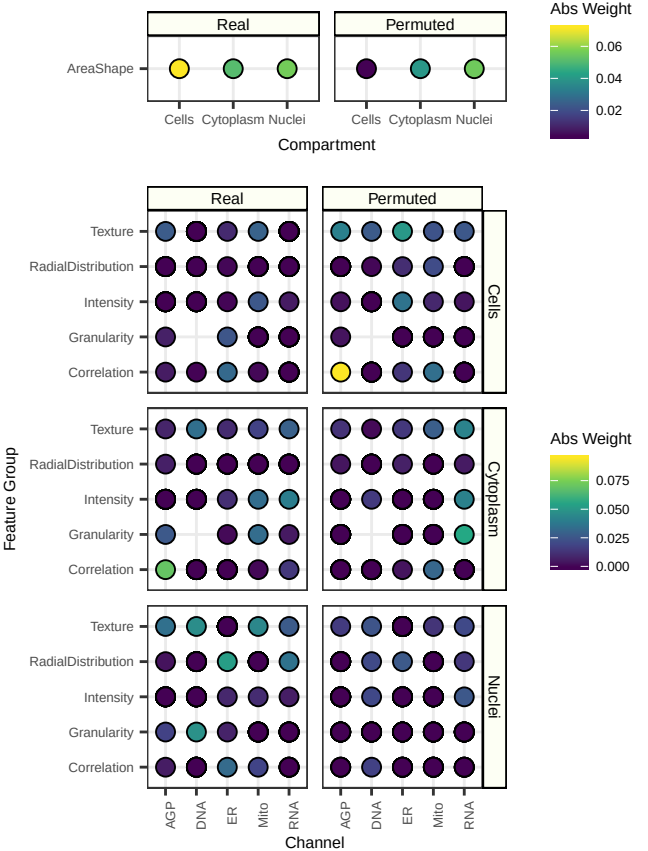


cc_g2_ph3_pos_high_n_spots_h2ax_mean

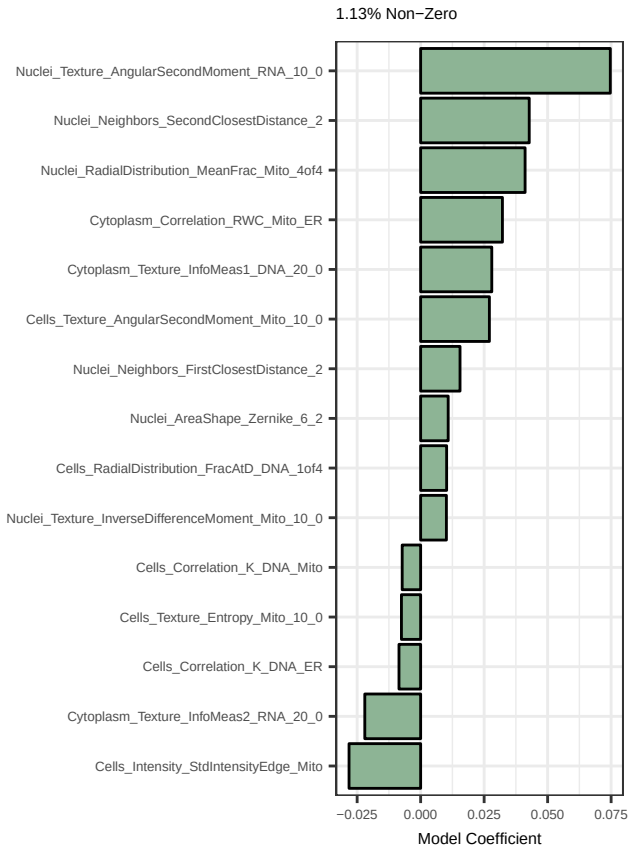


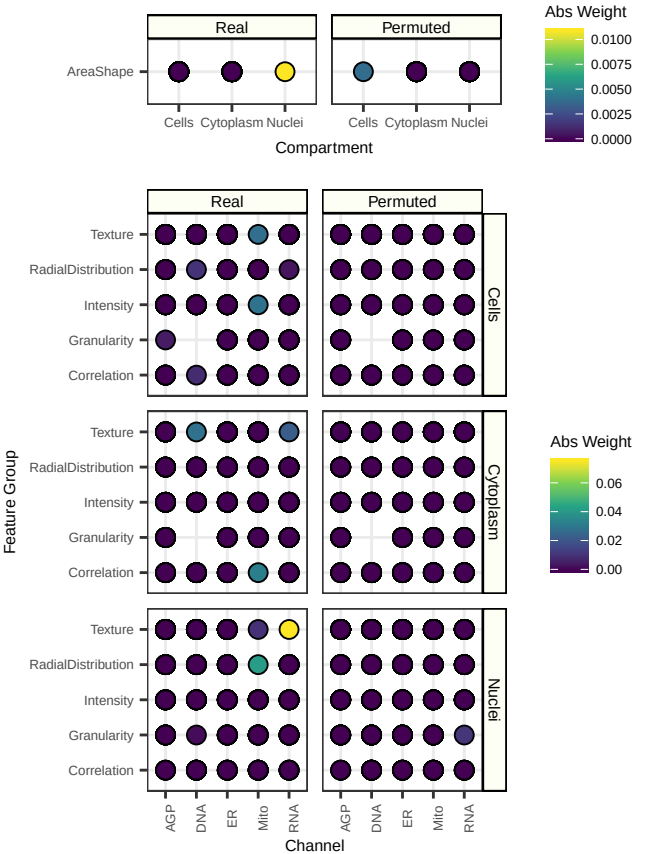
cc_g2_ph3_pos_n_objects



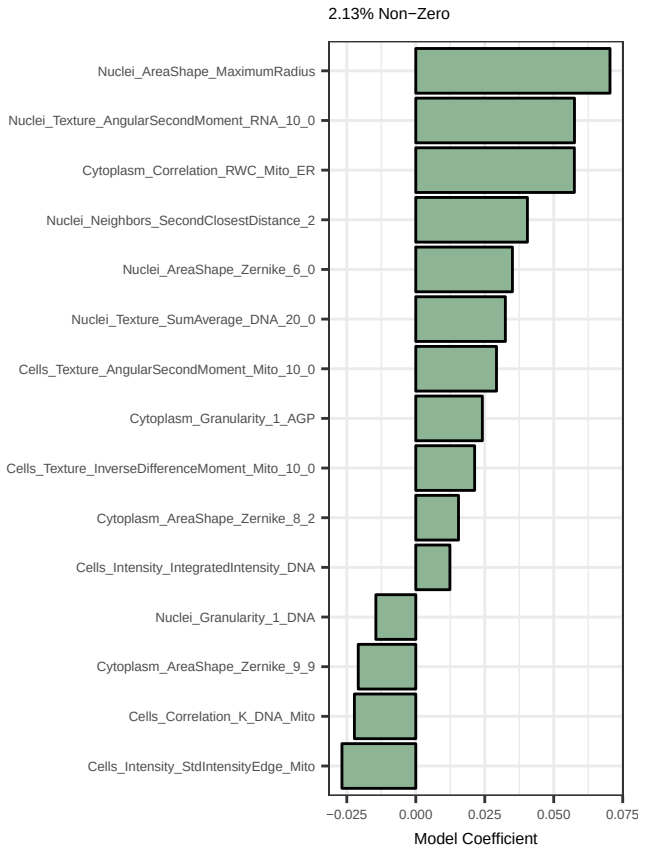


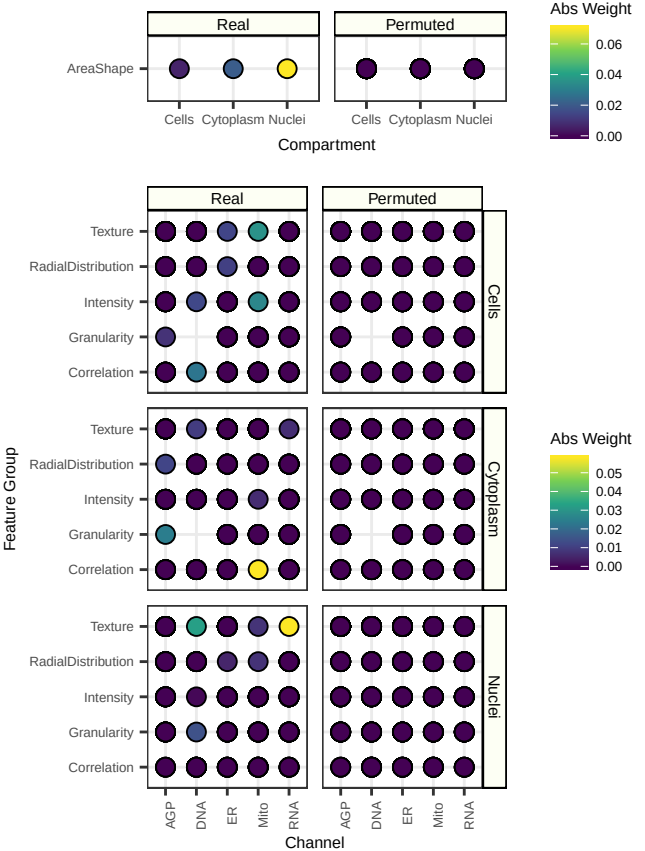
cc_g2_ph3_pos_n_spots_mean



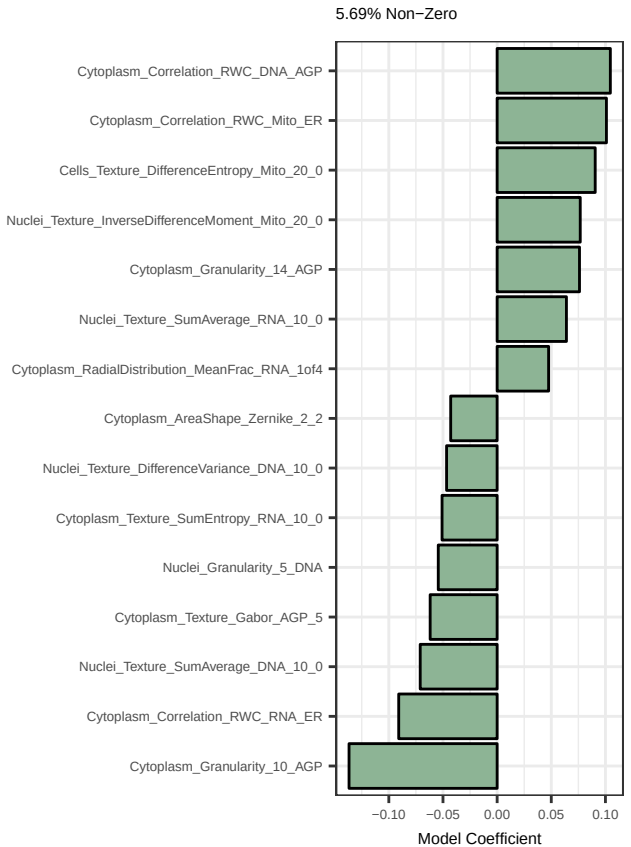


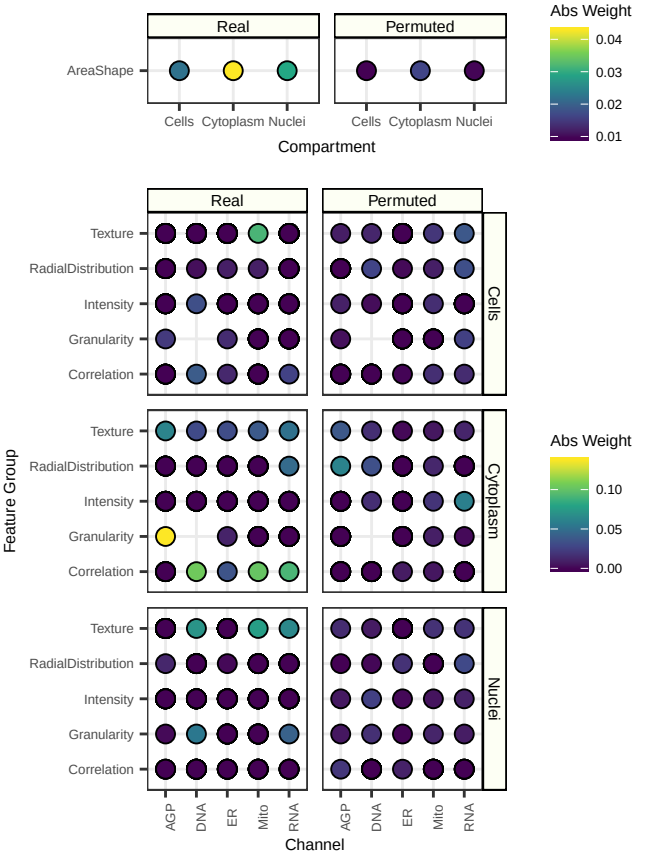
cc_g2_ph3_pos_n_spots_per_nucleus_area_mean



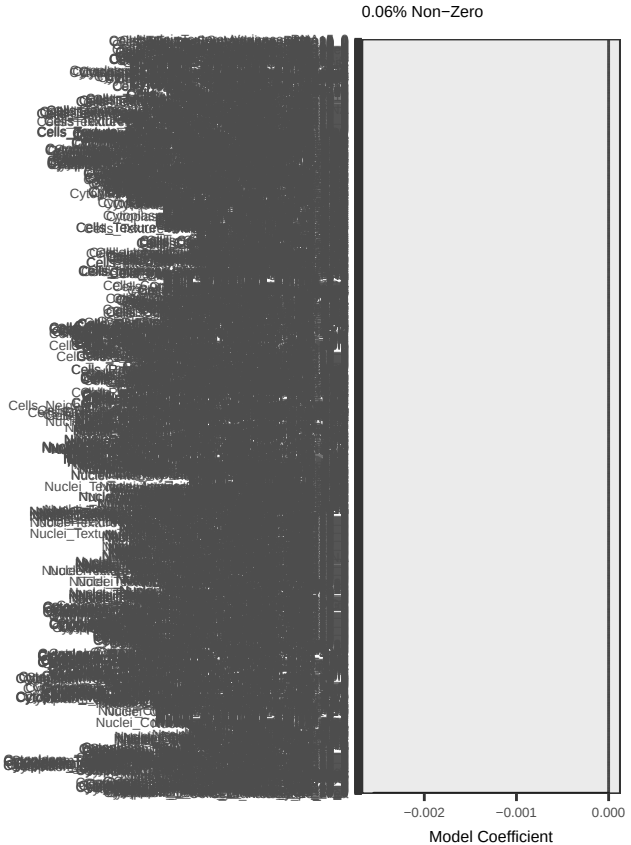


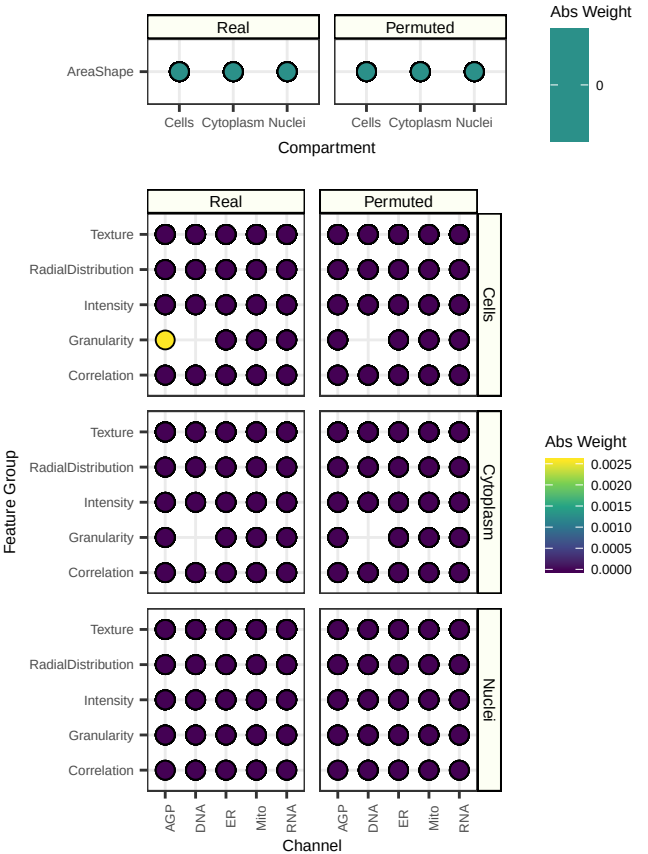
cc_g2_plus_all_m



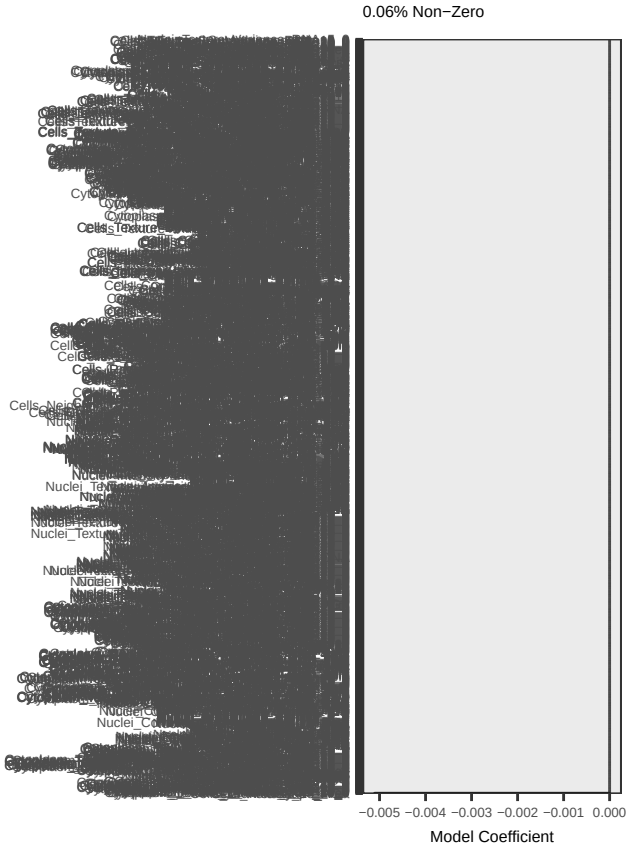


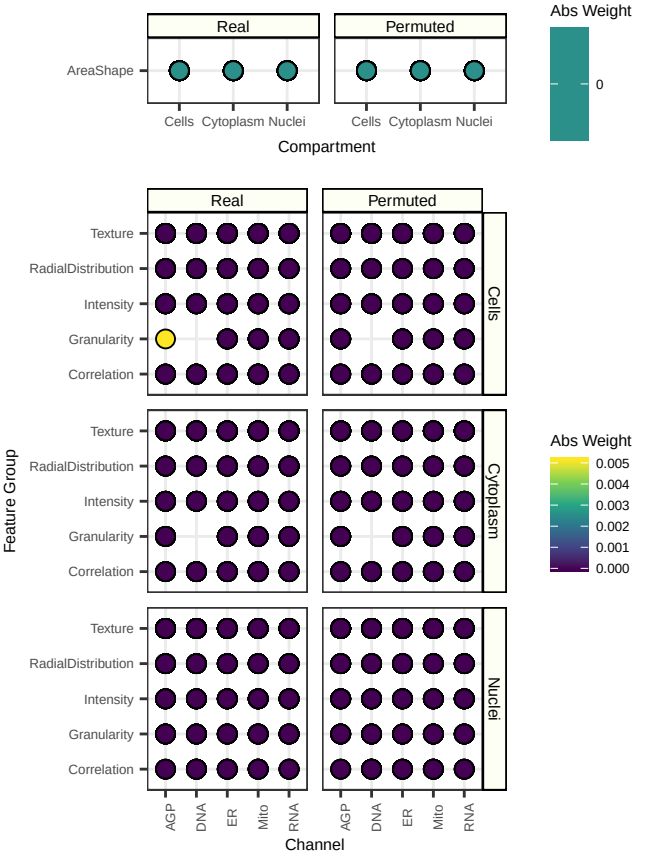
cc_infection_percentage



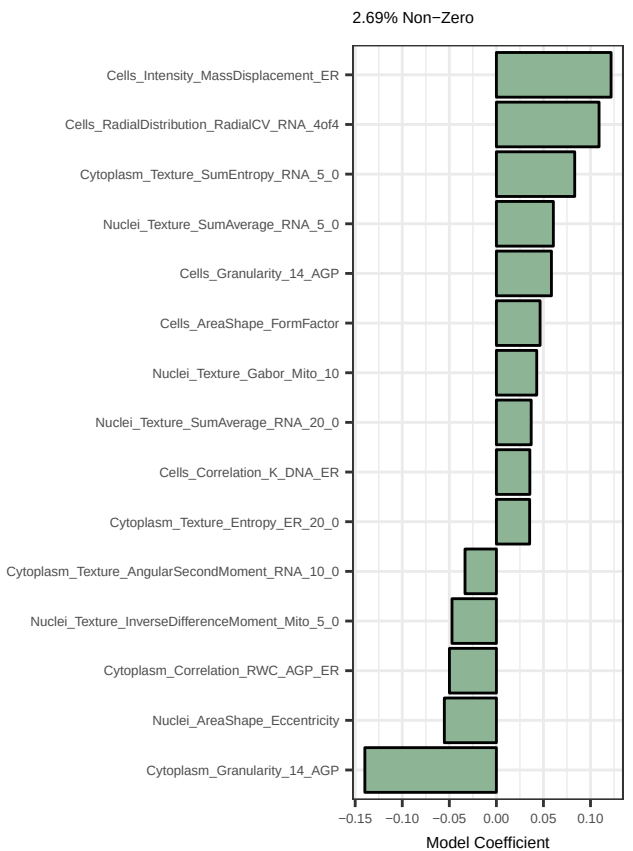


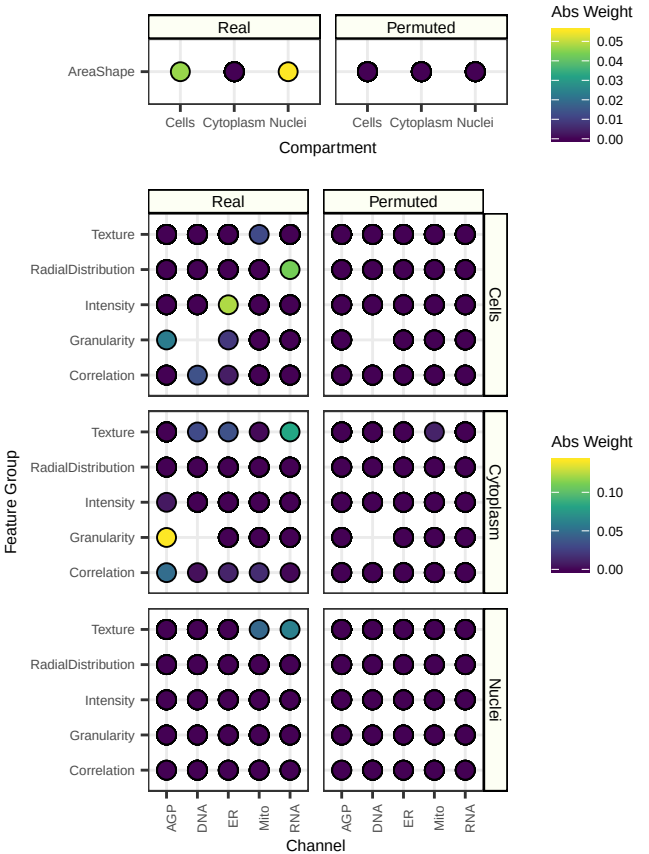
cc_mitosis_ph3_neg_high_n_spots_h2ax_mean



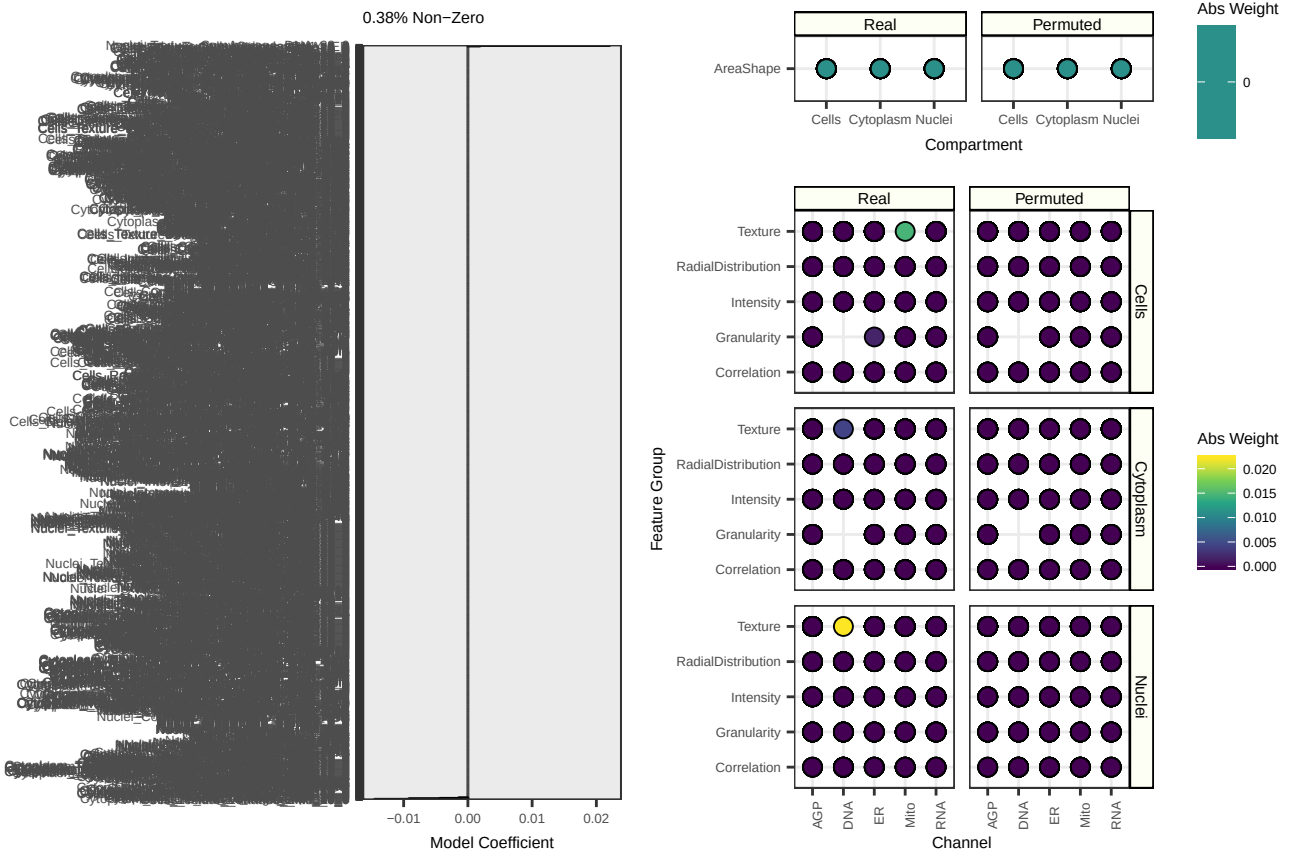


cc_mitosis_ph3_neg_n_objects

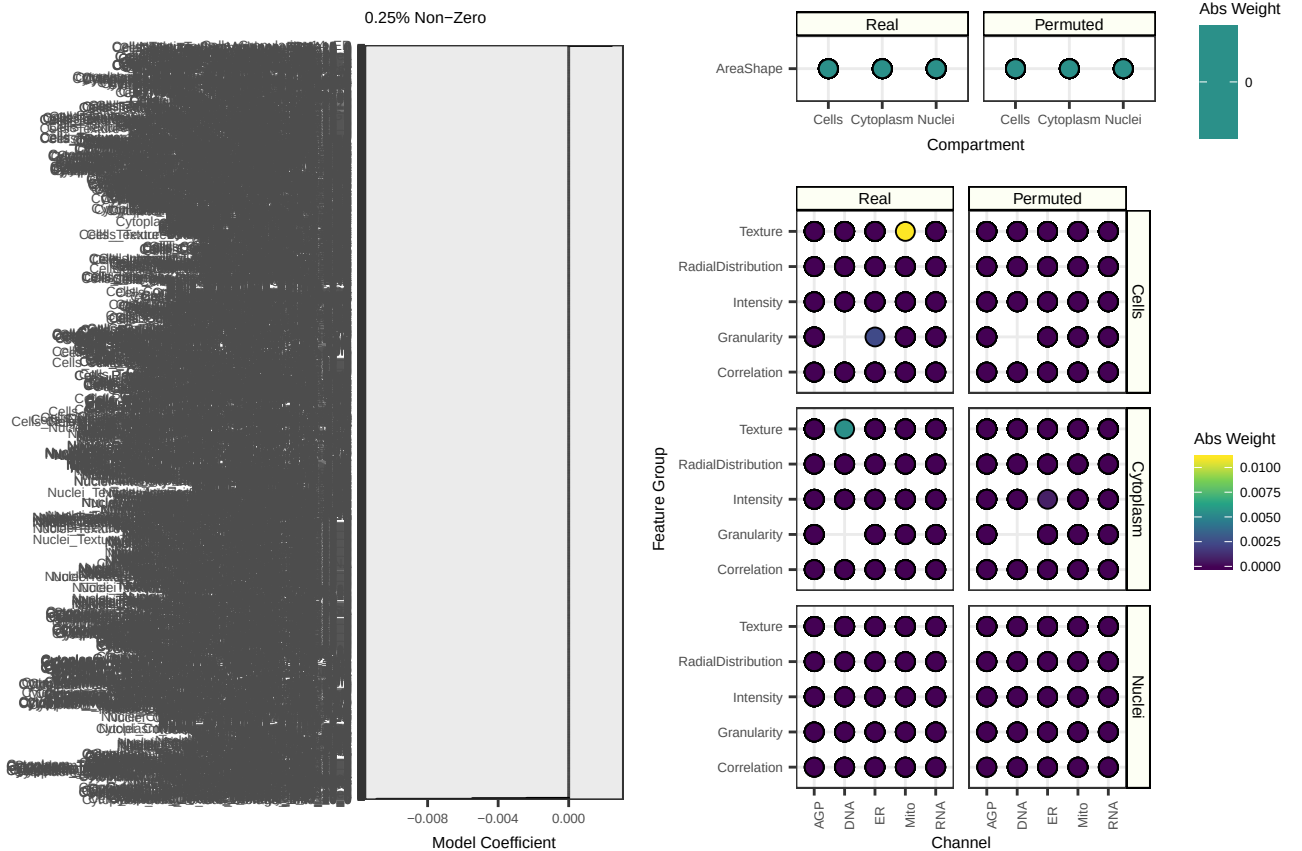




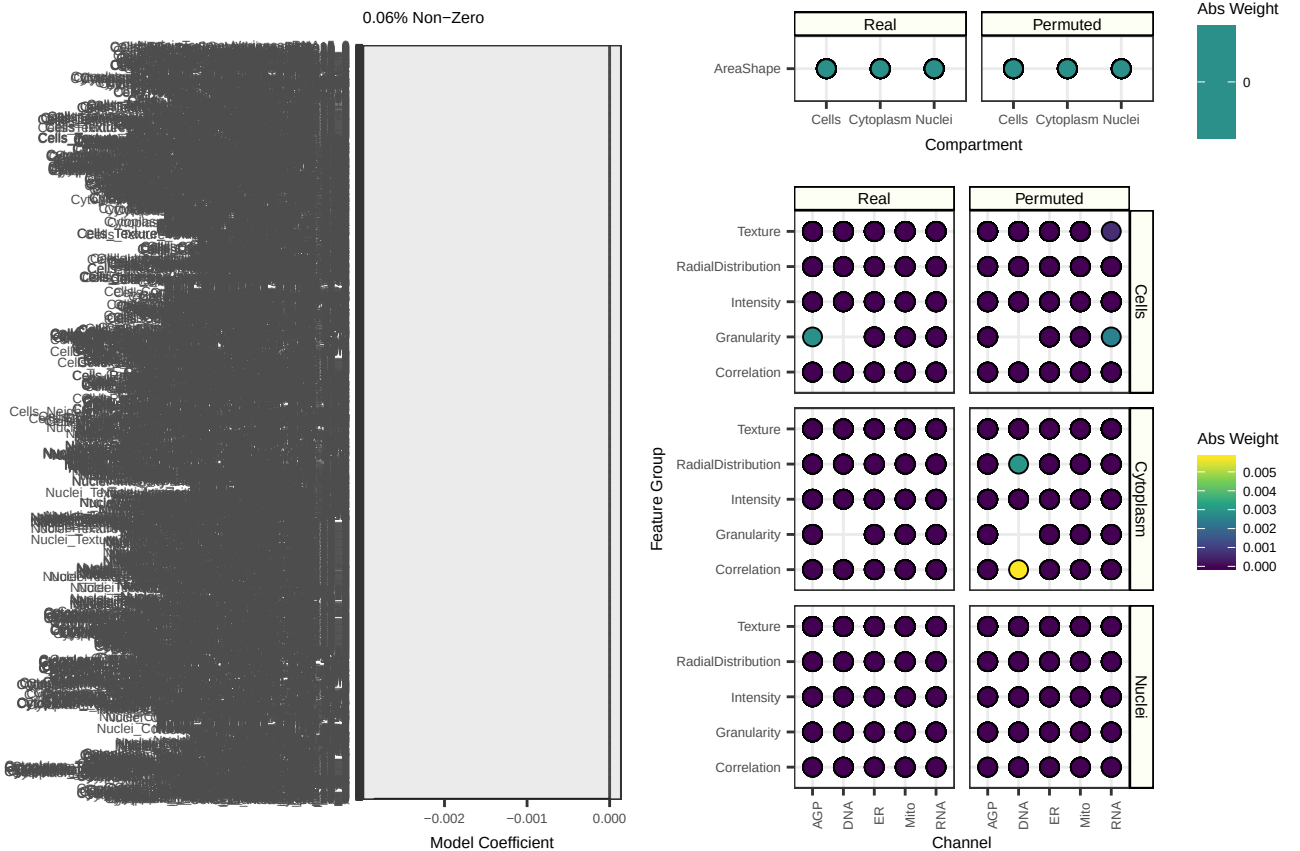
cc_mitosis_ph3_neg_n_spots_mean



cc_mitosis_ph3_neg_n_spots_per_nucleus_area_mean



cc_mitosis_ph3_pos_high_n_spots_h2ax_mean



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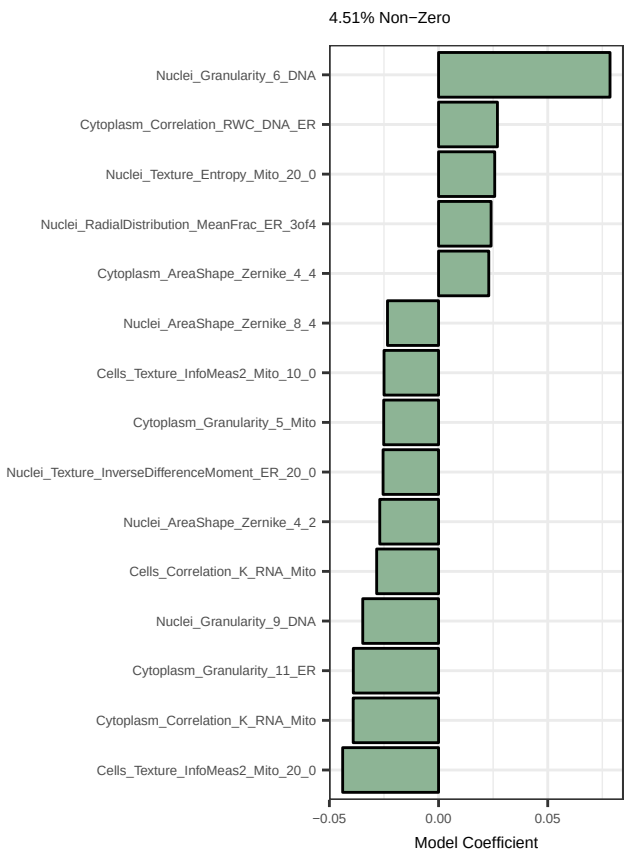
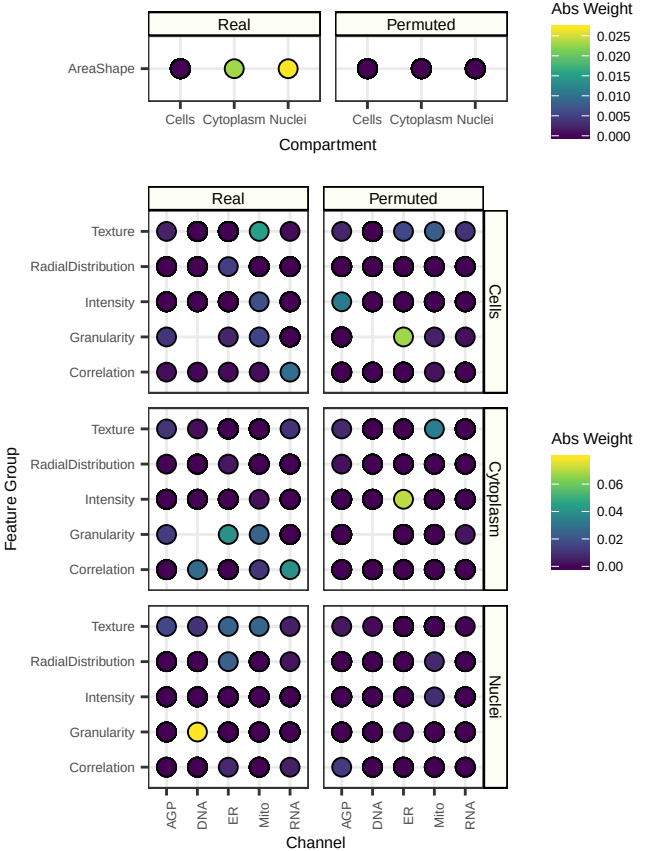
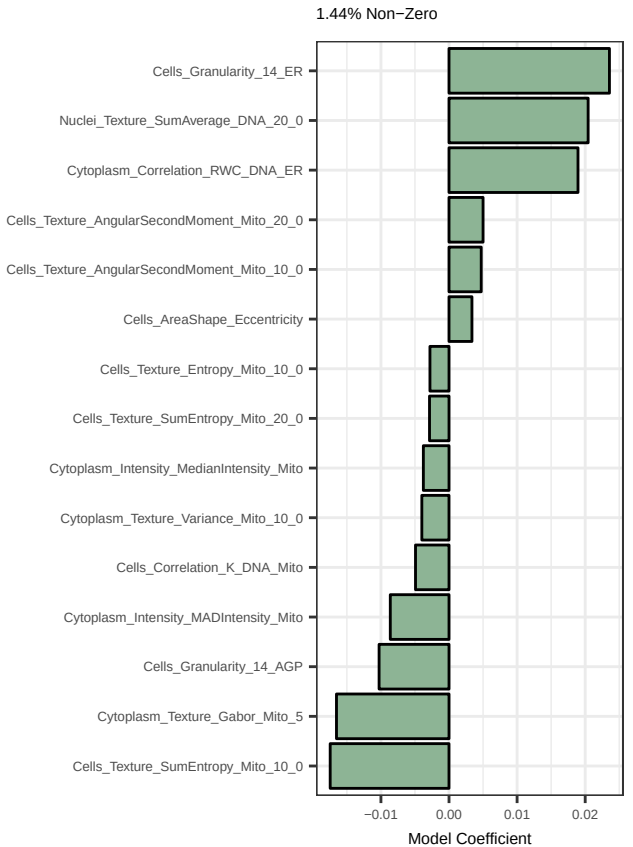
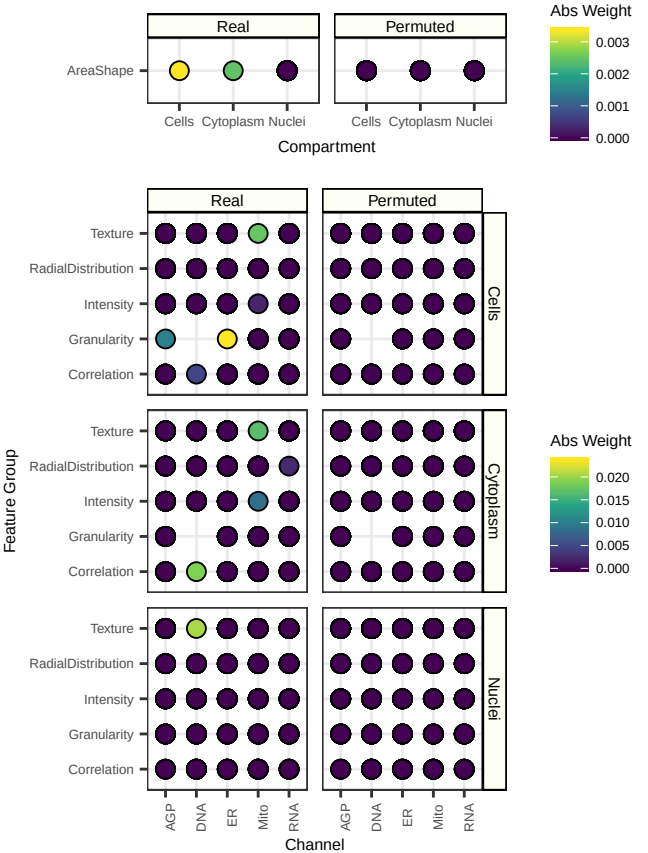


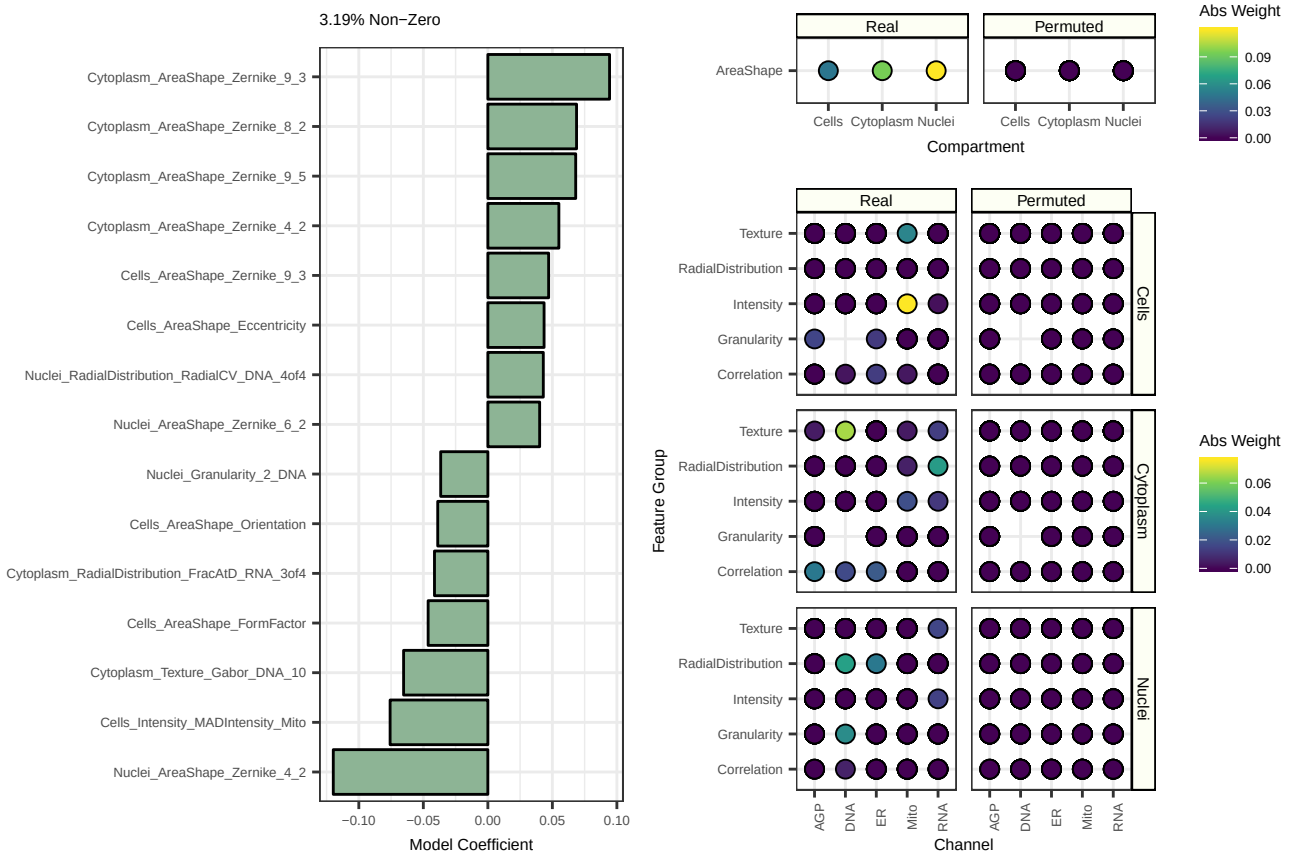


cc_mitosis_ph3_pos_n_spots_mean

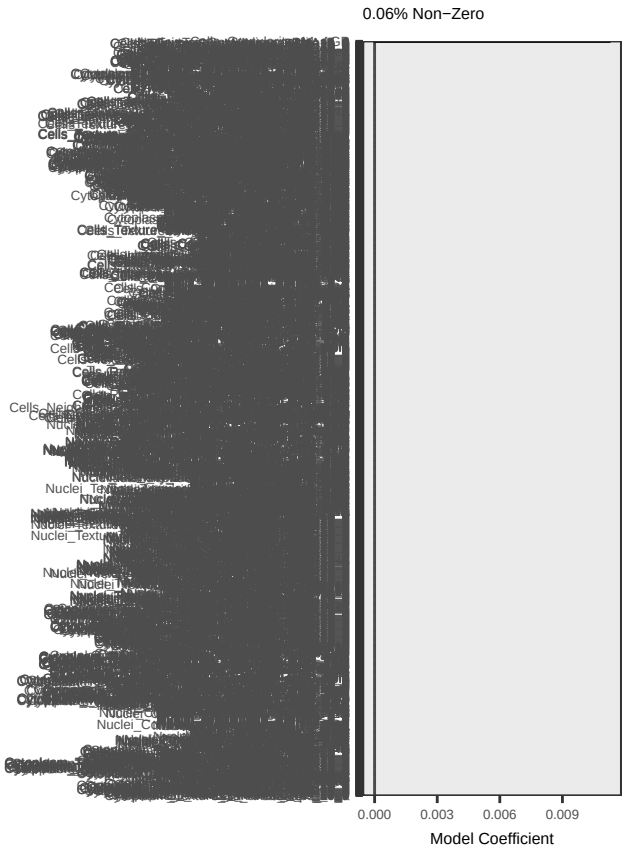


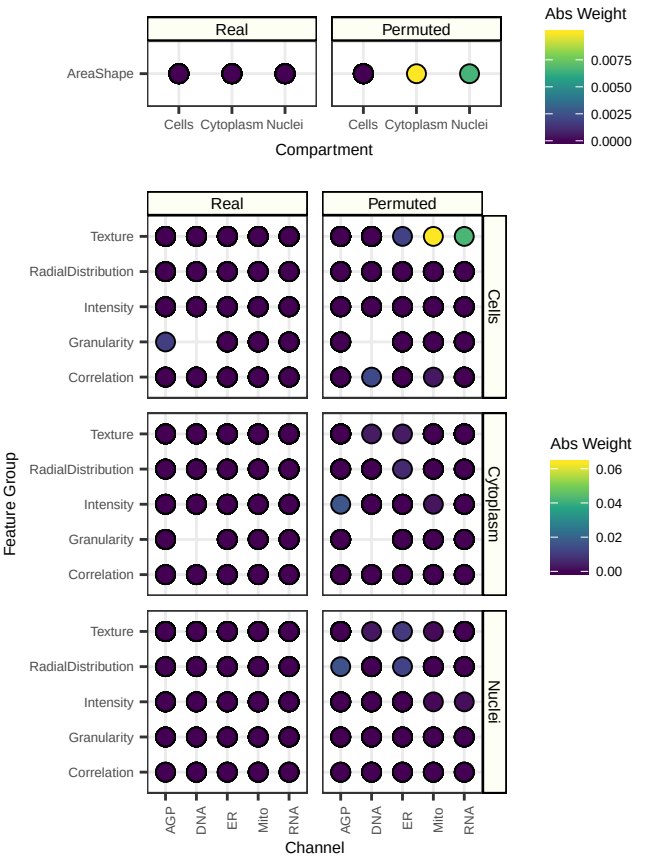


cc_mitosis_ph3_pos_n_spots_per_nucleus_area_mean



cc_polynuclear_high_n_spots_h2ax_mean





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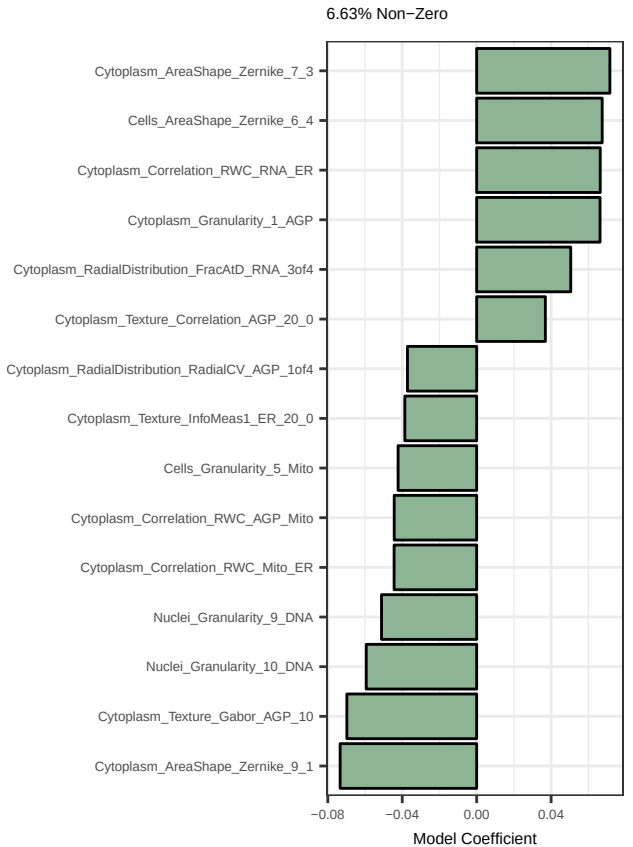
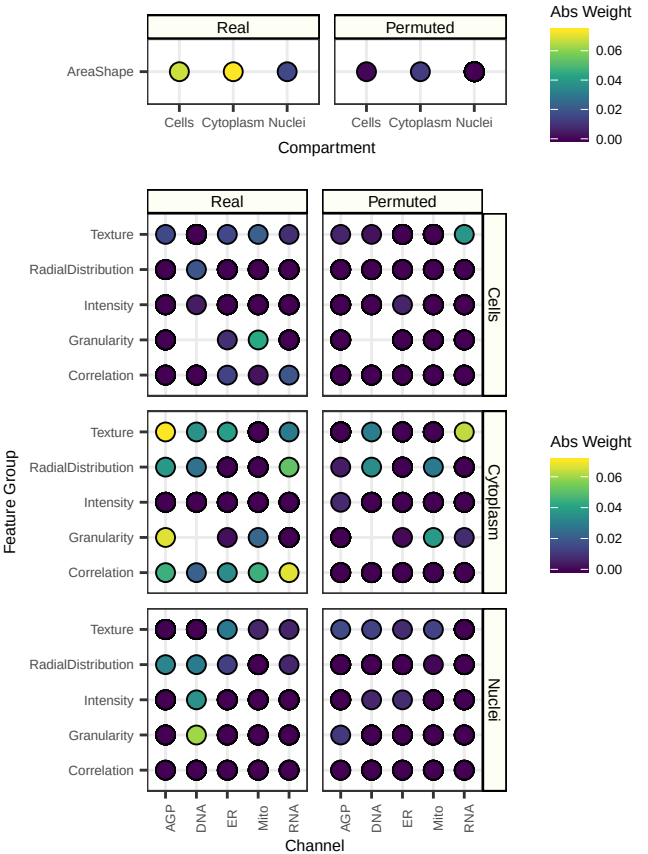
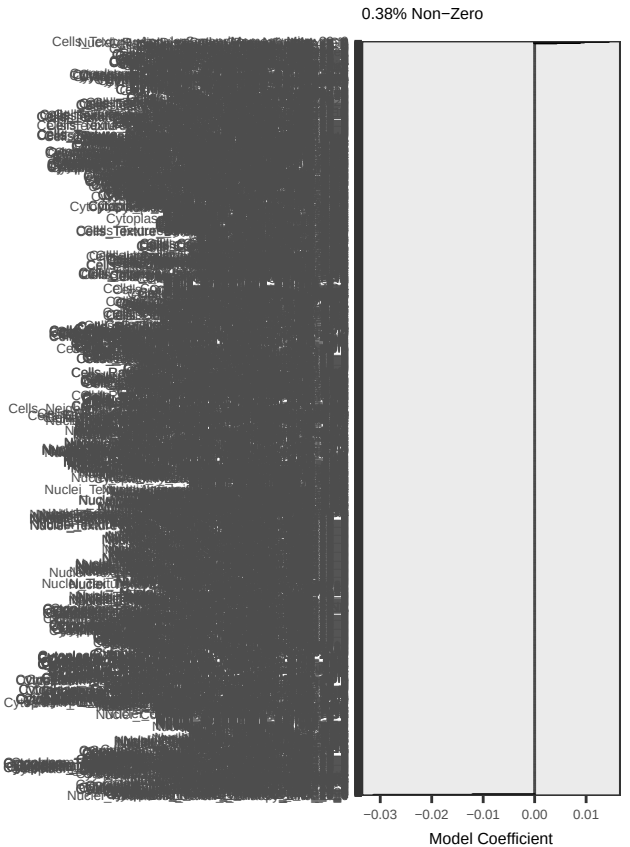
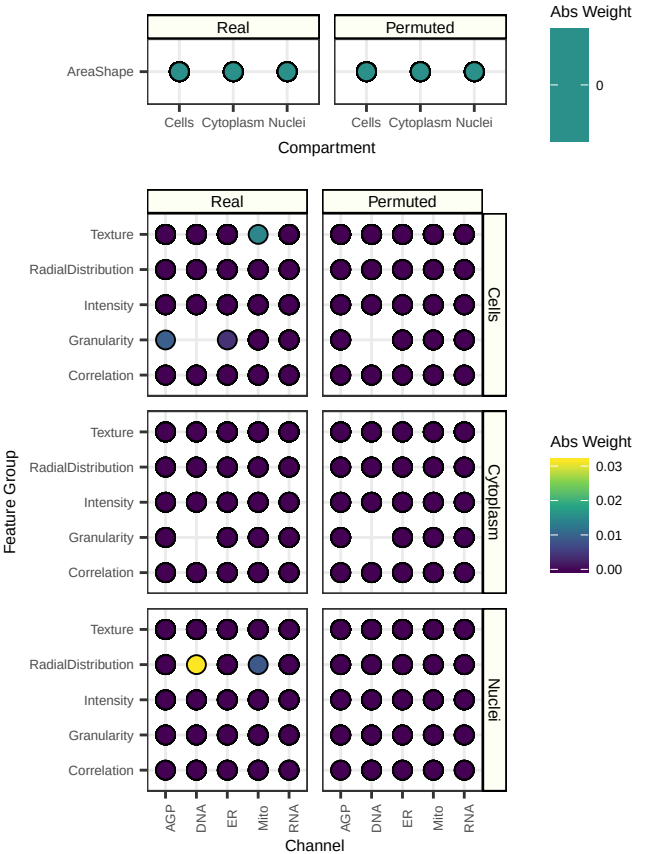


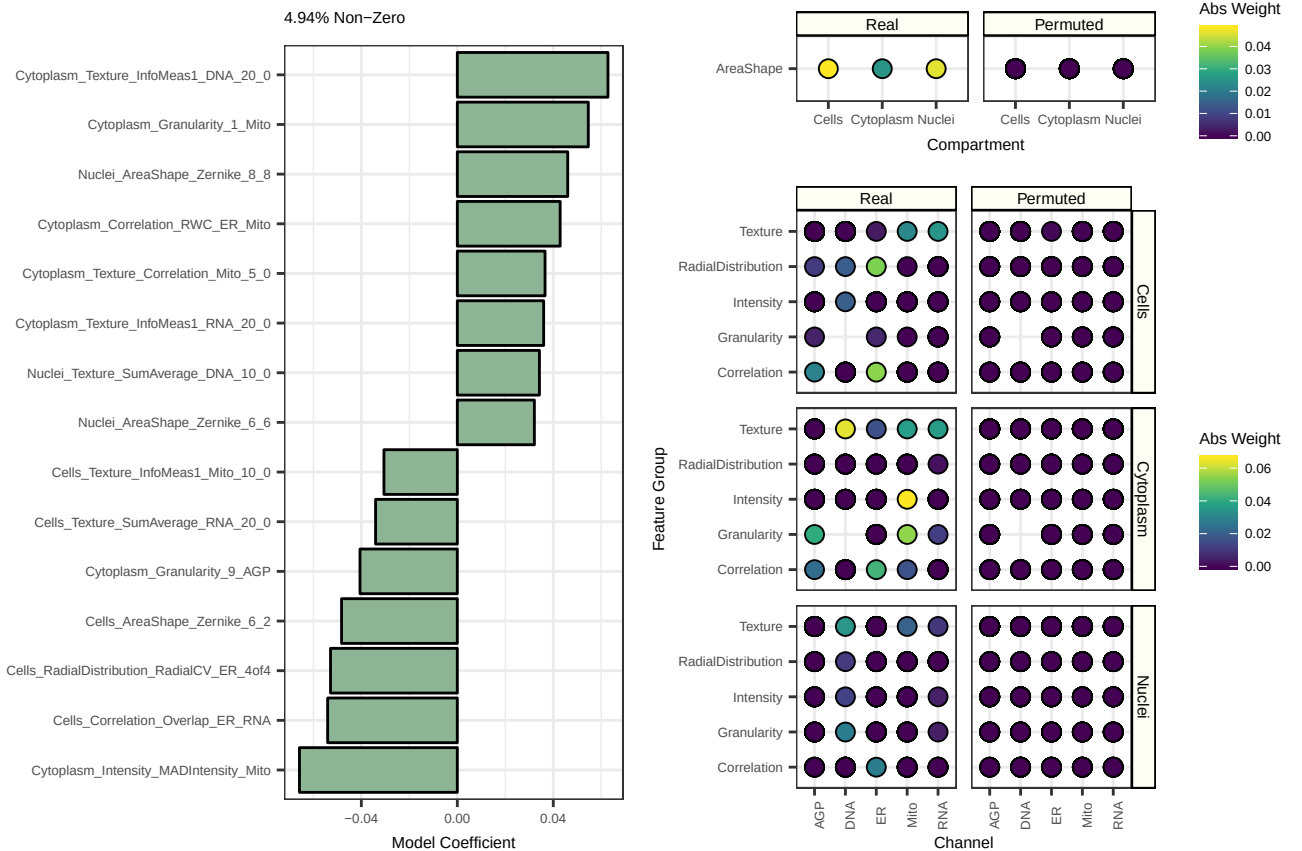


cc_polynuclear_n_spots_mean

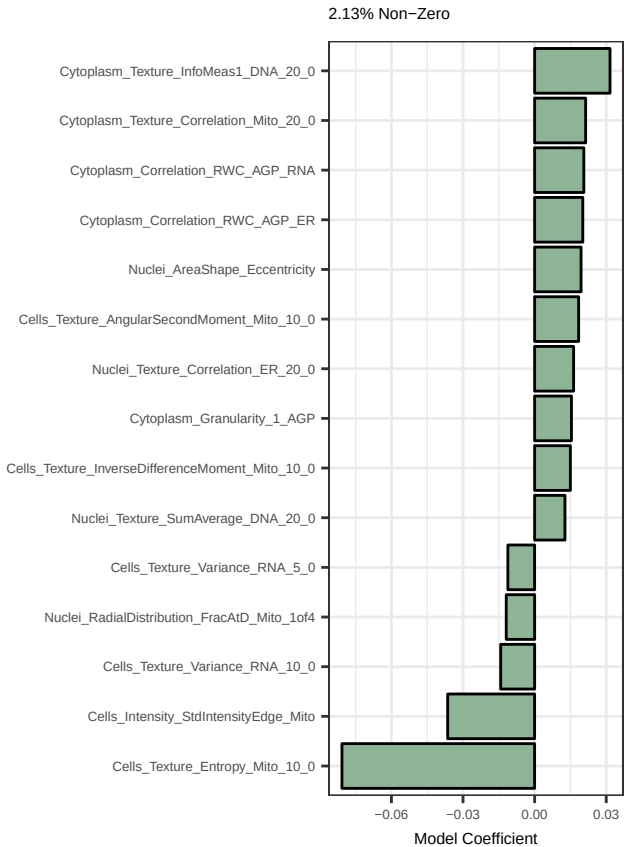


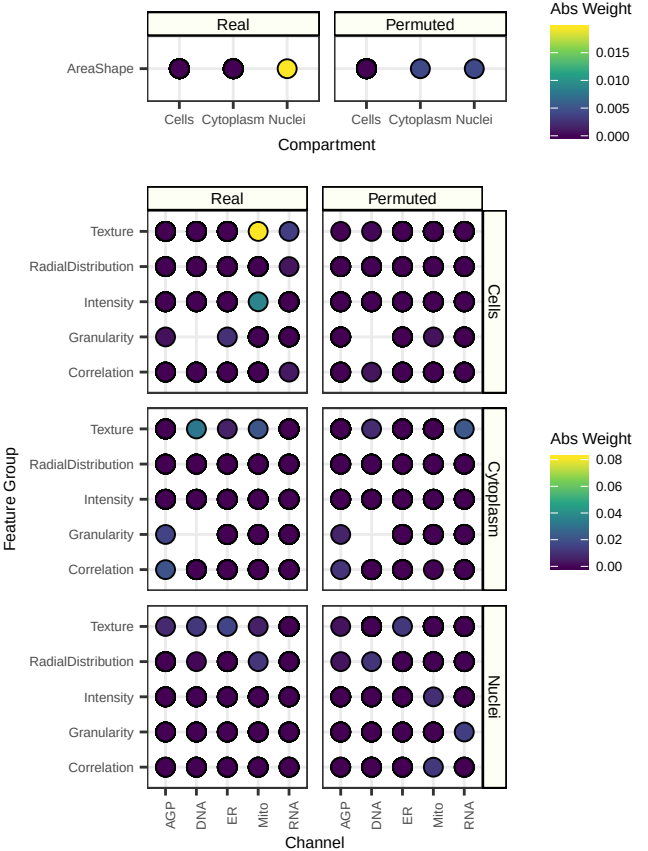


cc_polynuclear_n_spots_per_nucleus_area_mean

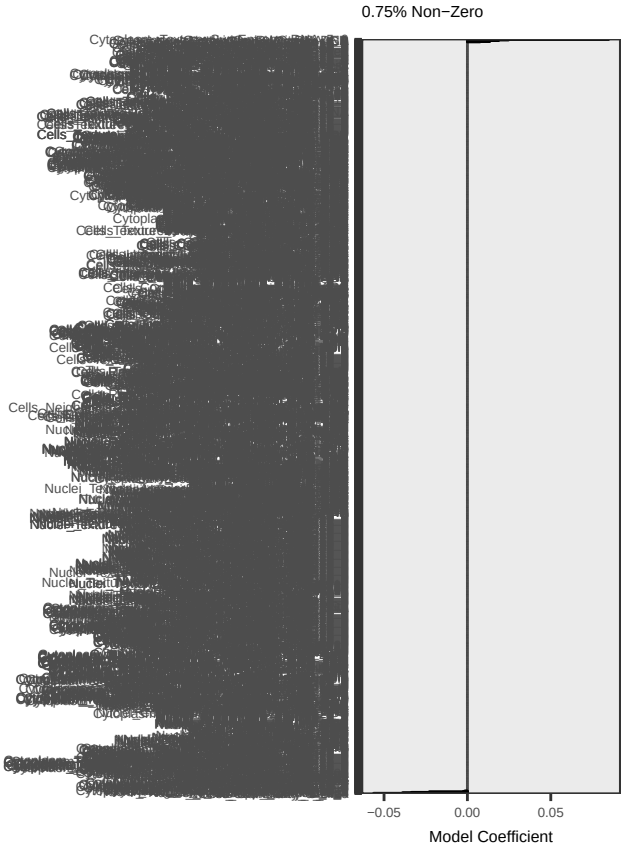


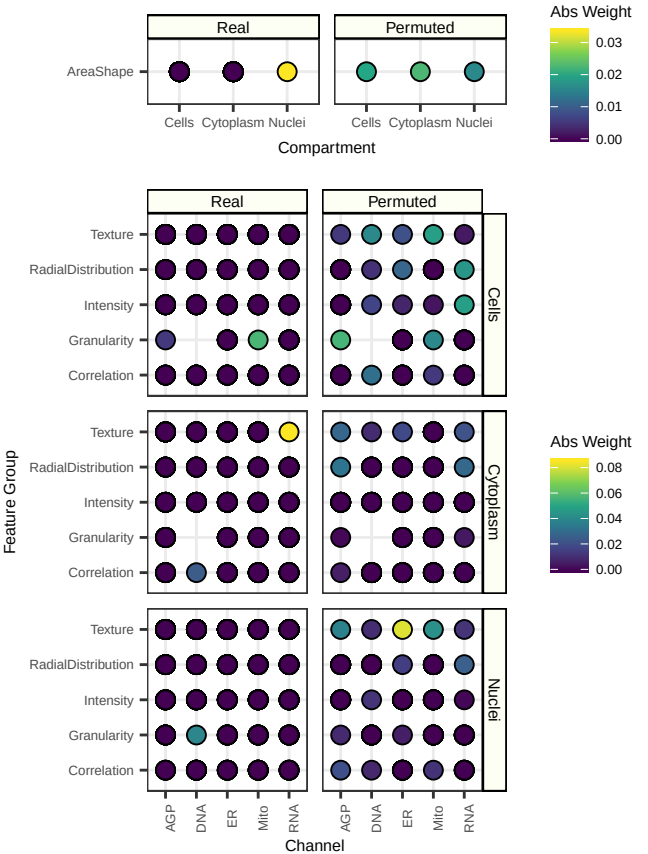
cc_polyploid_high_n_spots_h2ax_mean



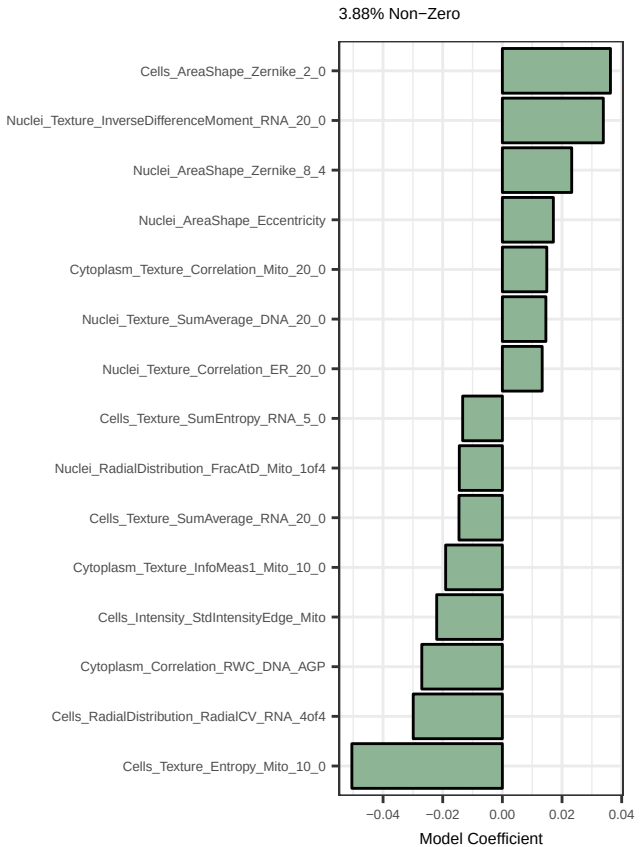


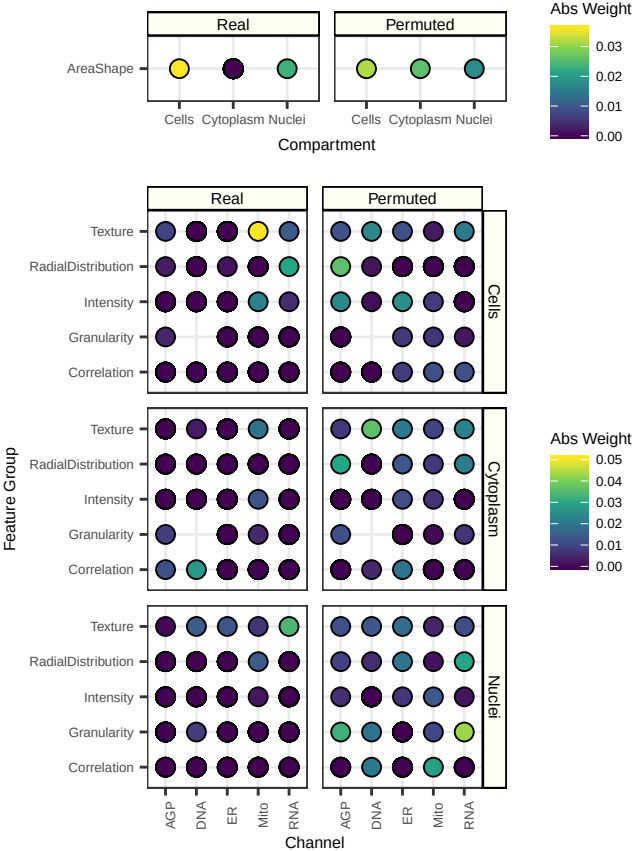
cc_polyploid_n_objects



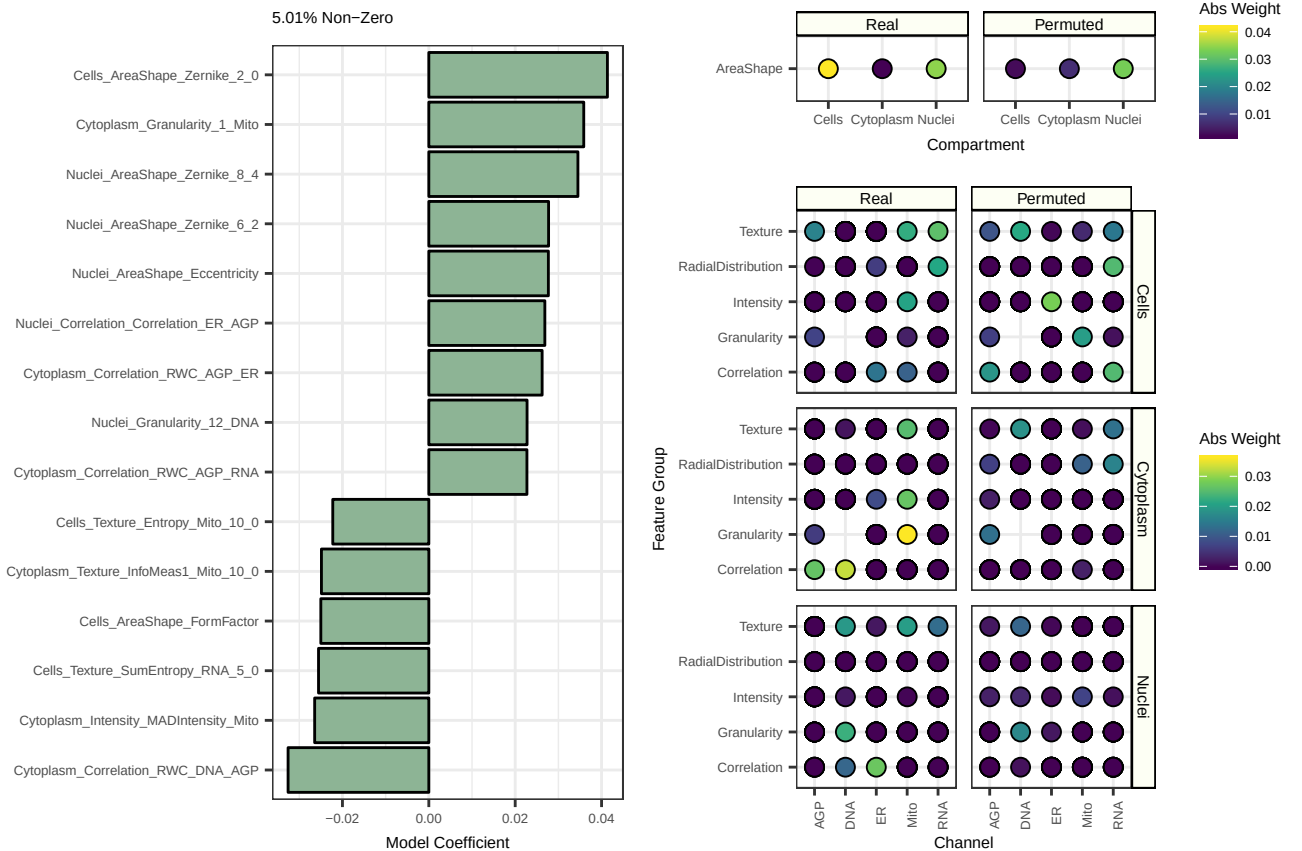


cc_polyploid_n_spots_mean

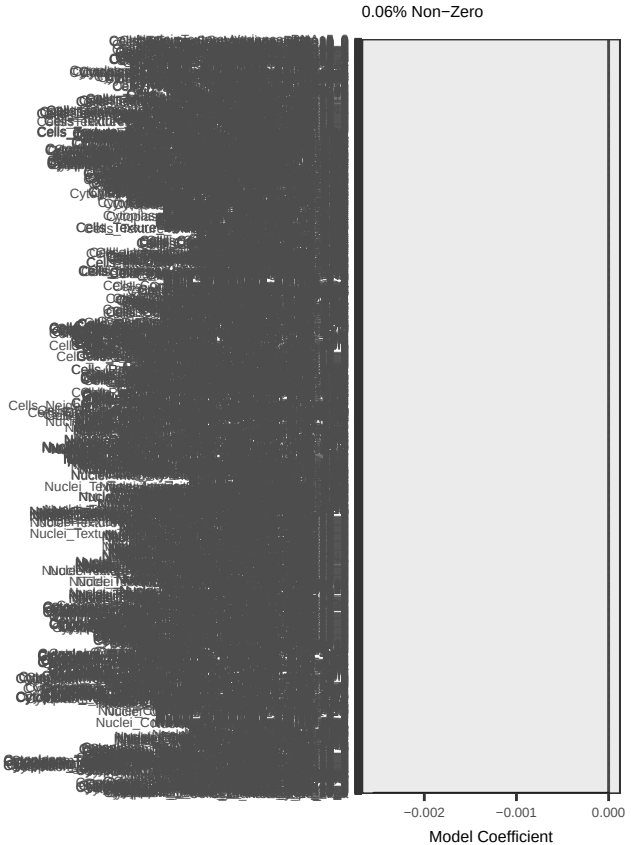


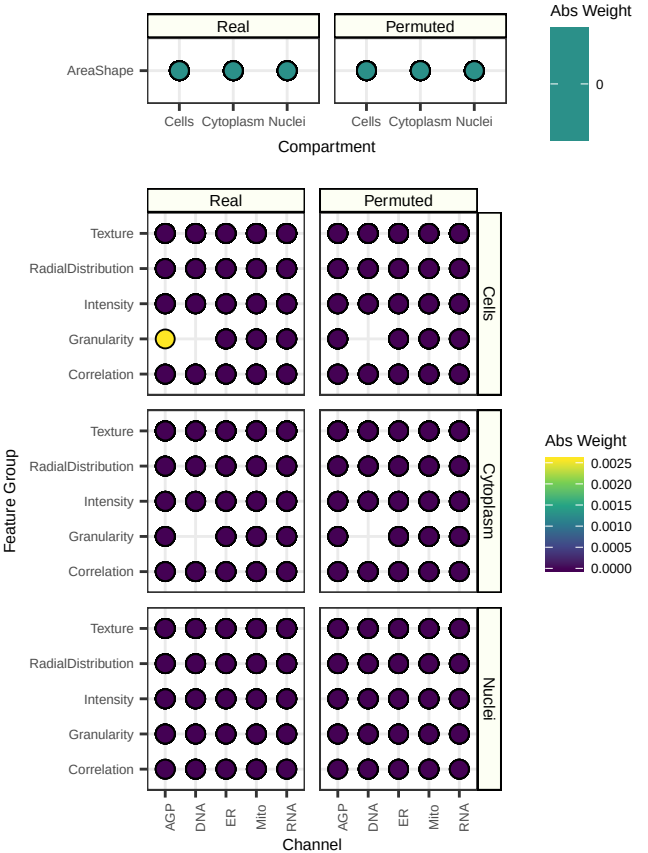


cc_polyploid_n_spots_per_nucleus_area_mean

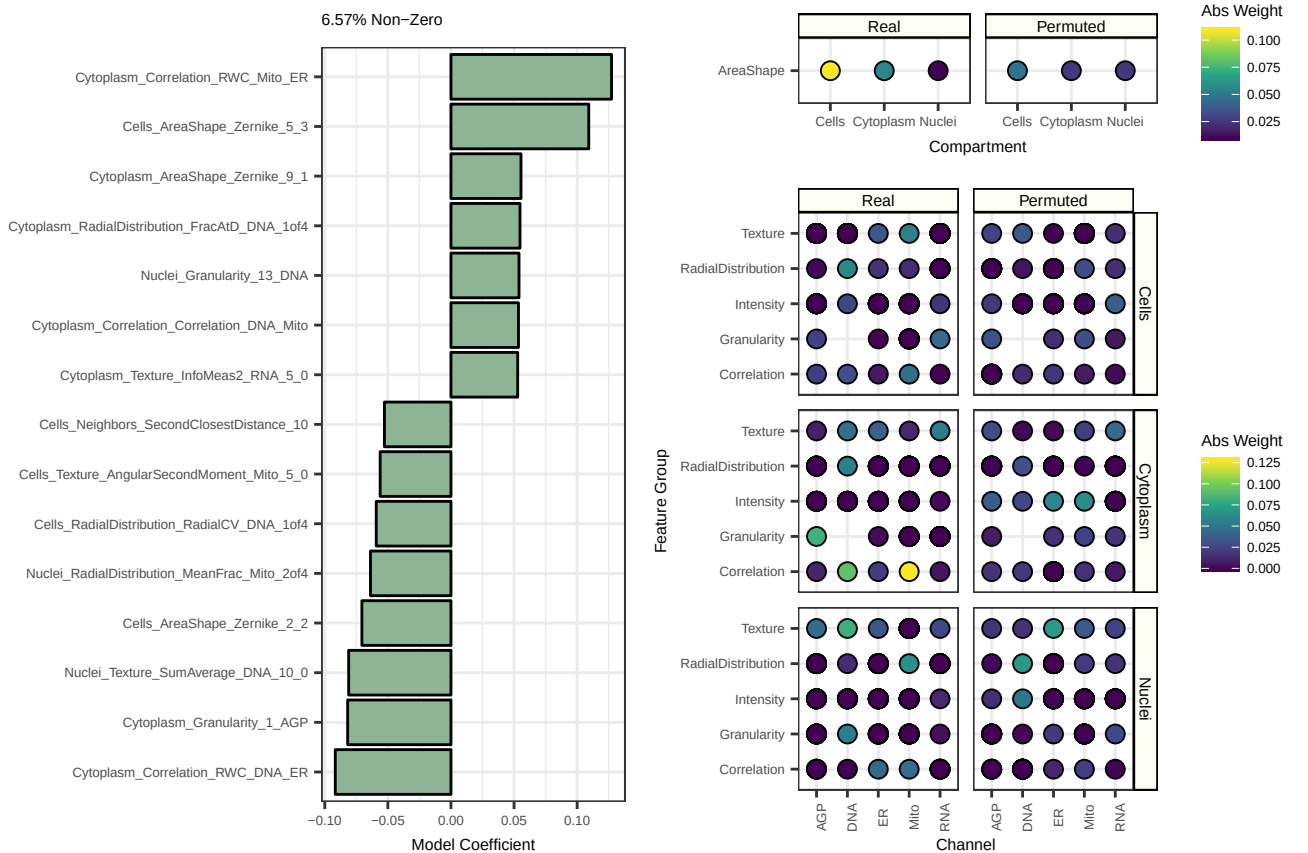


vb_infection_percentage

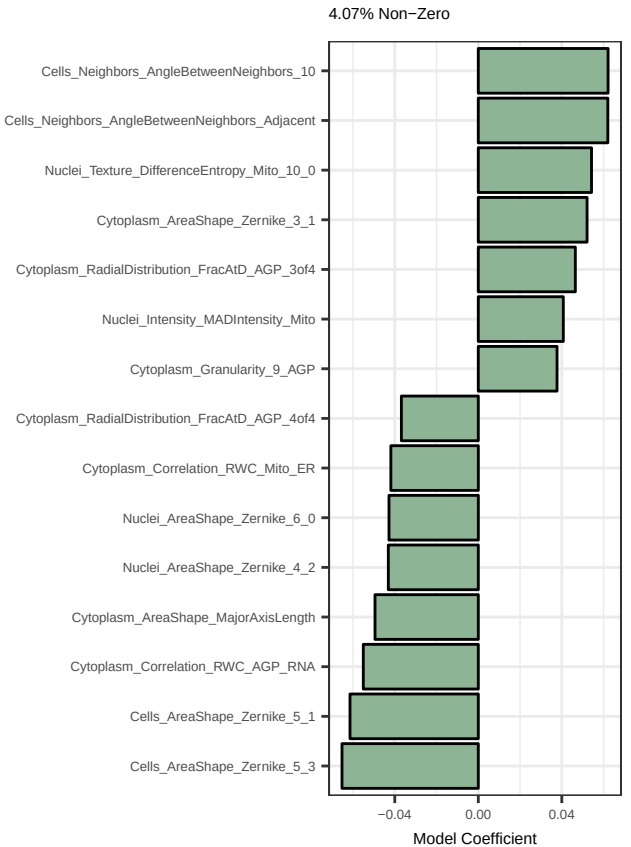


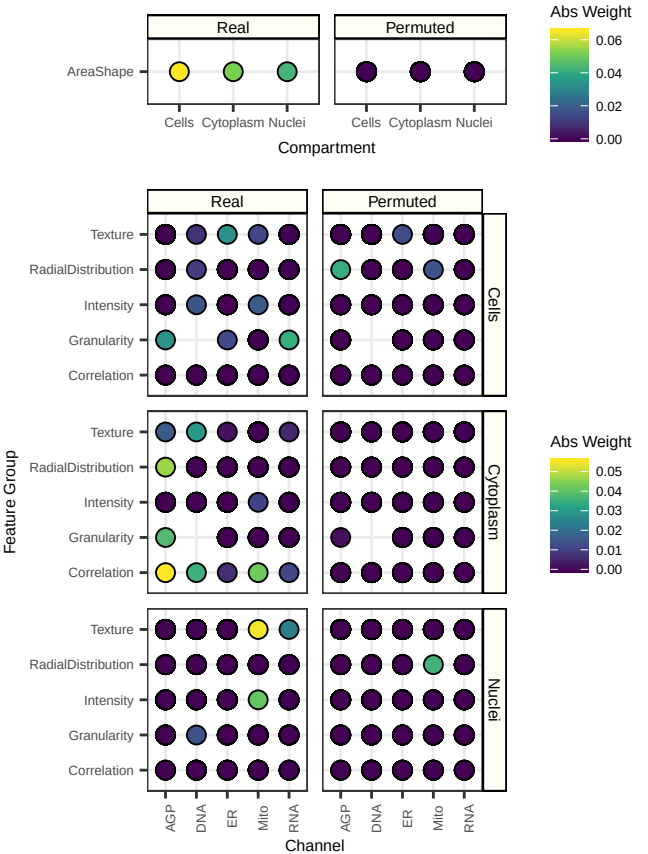


vb_live_cell_area

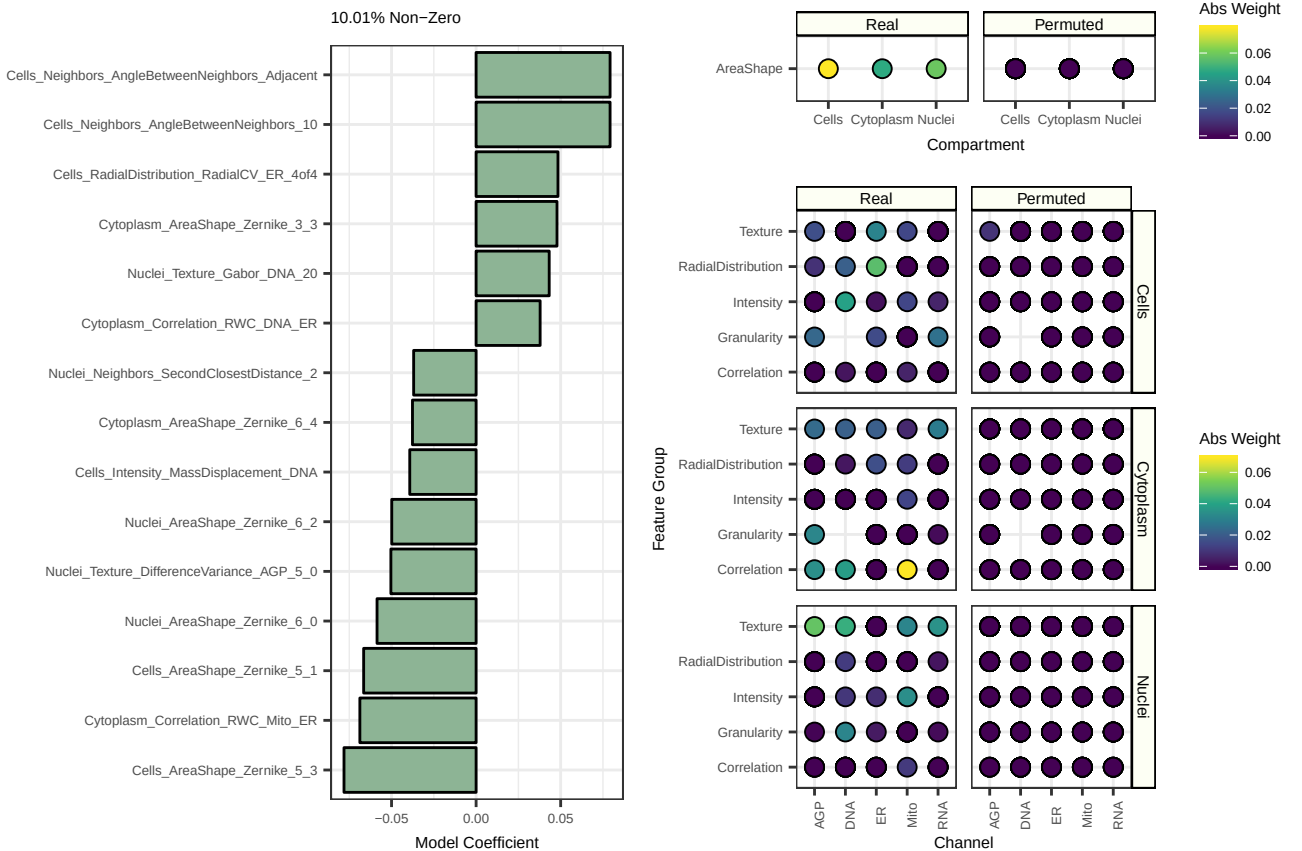


vb_live_cell_roundness

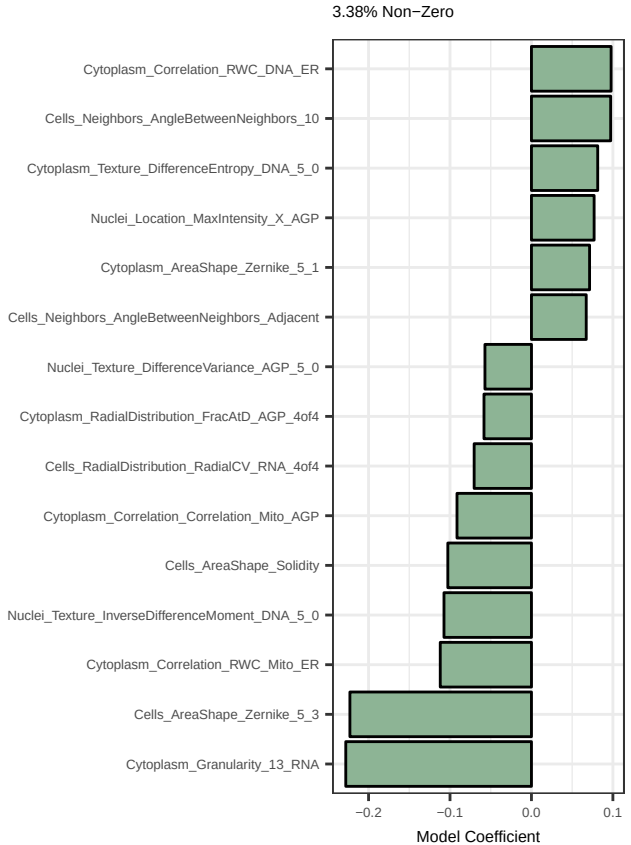


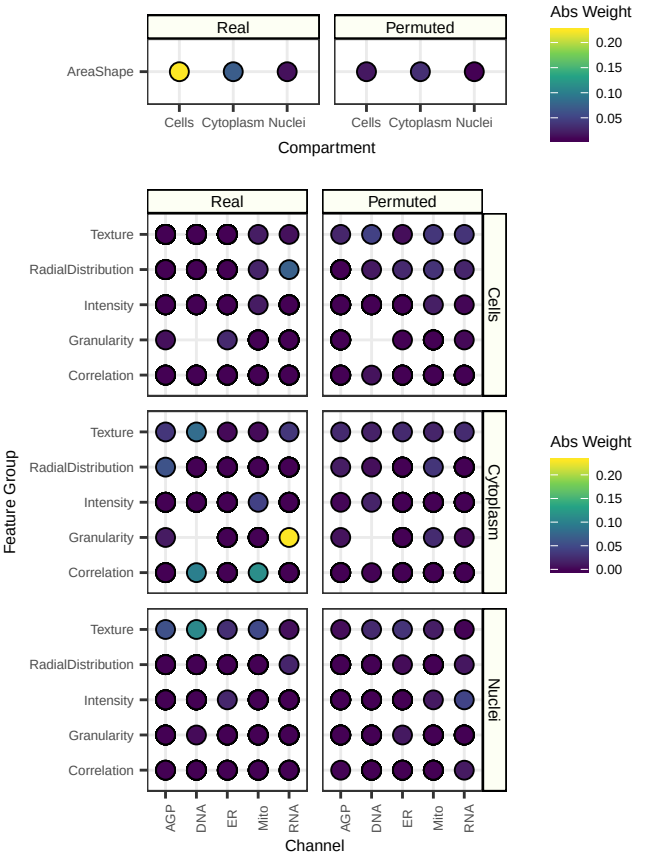


vb_live_cell_width_length

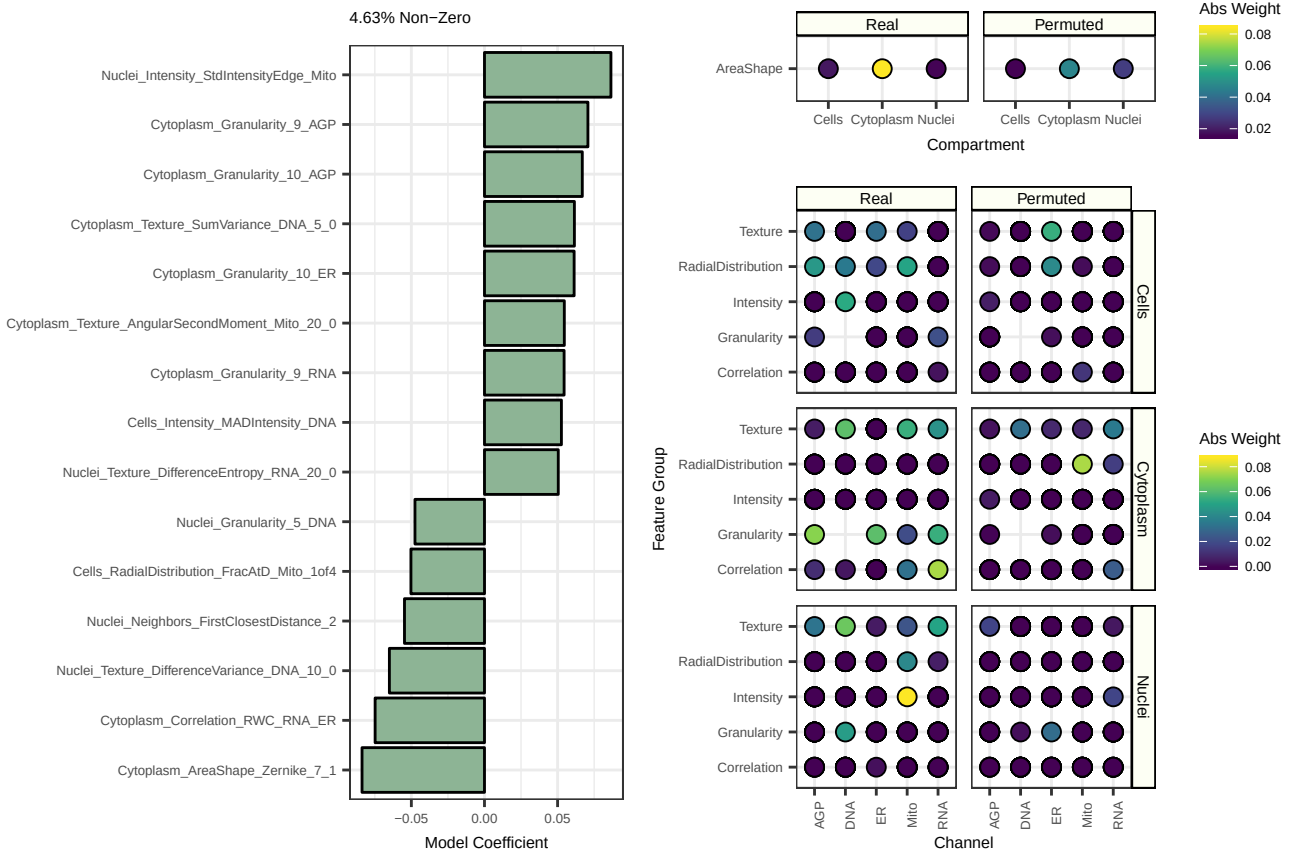


vb_num_live_cells





vb_percent_all_apoptosis



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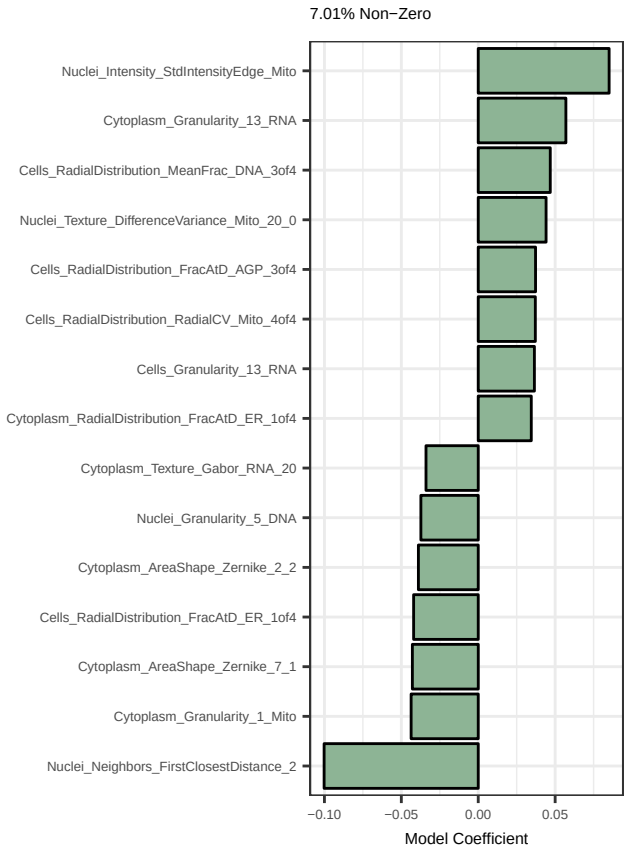
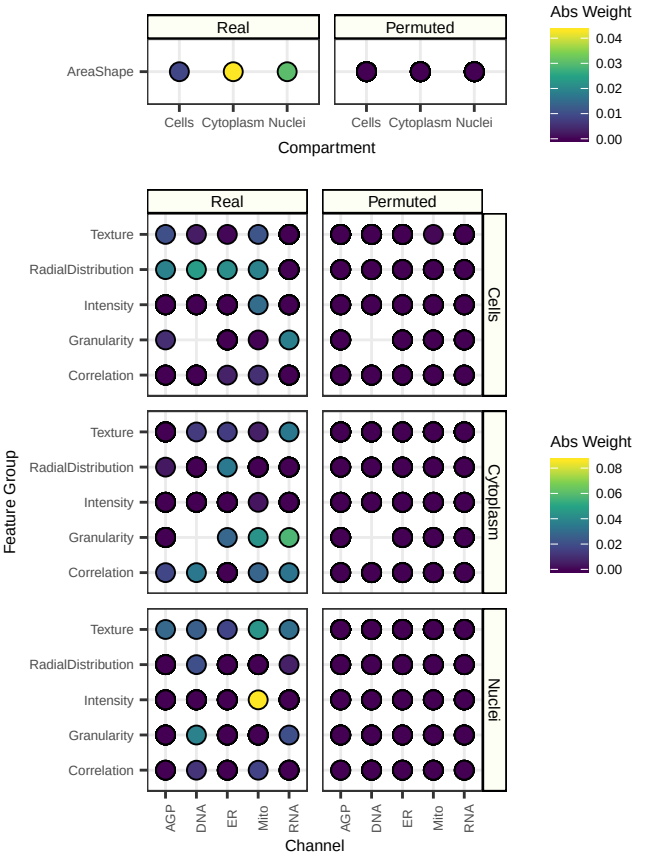
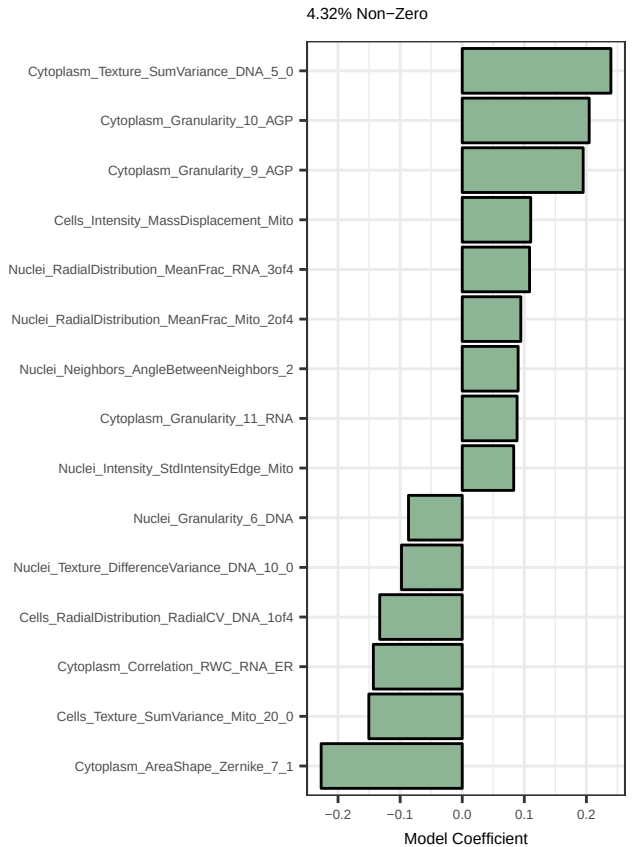
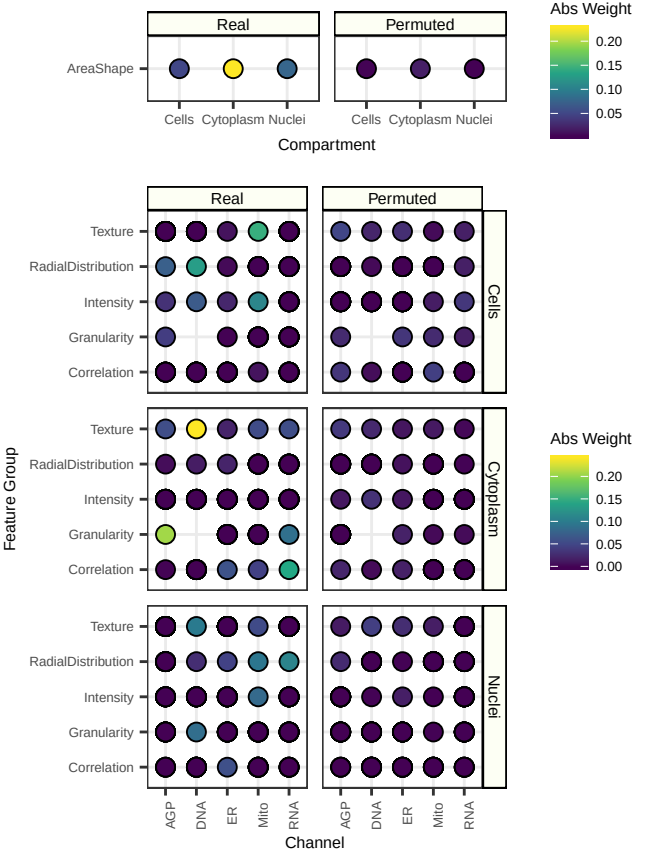


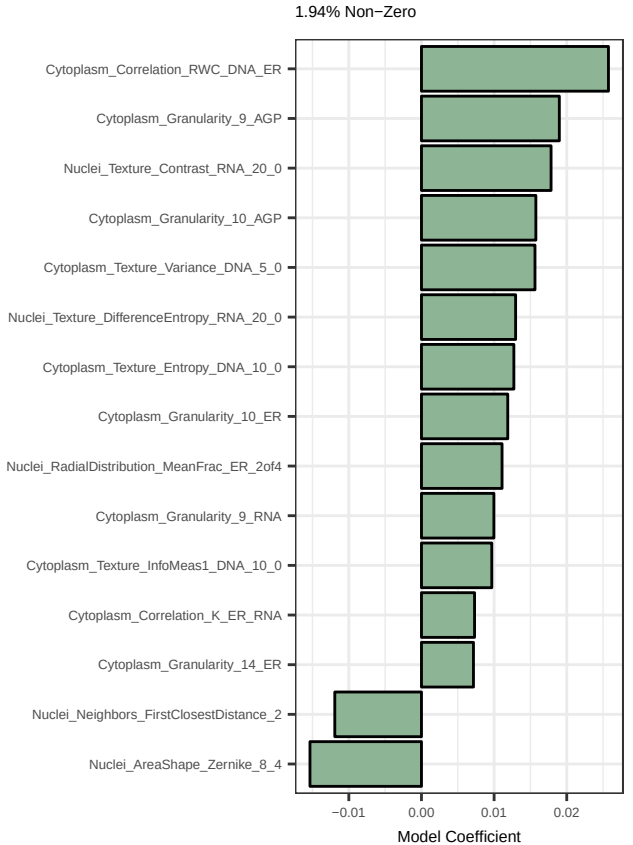


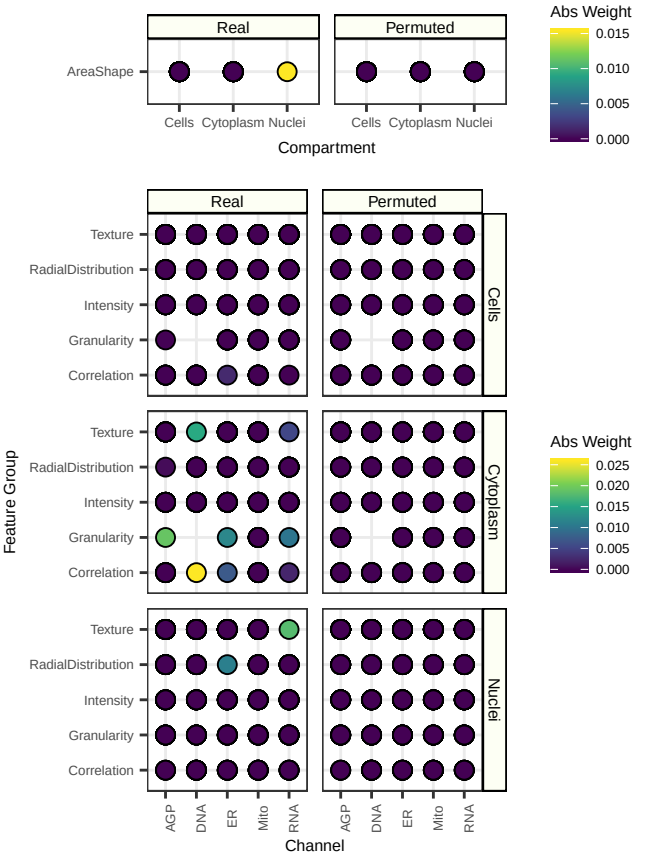
vb_percent_all_late_apoptosis



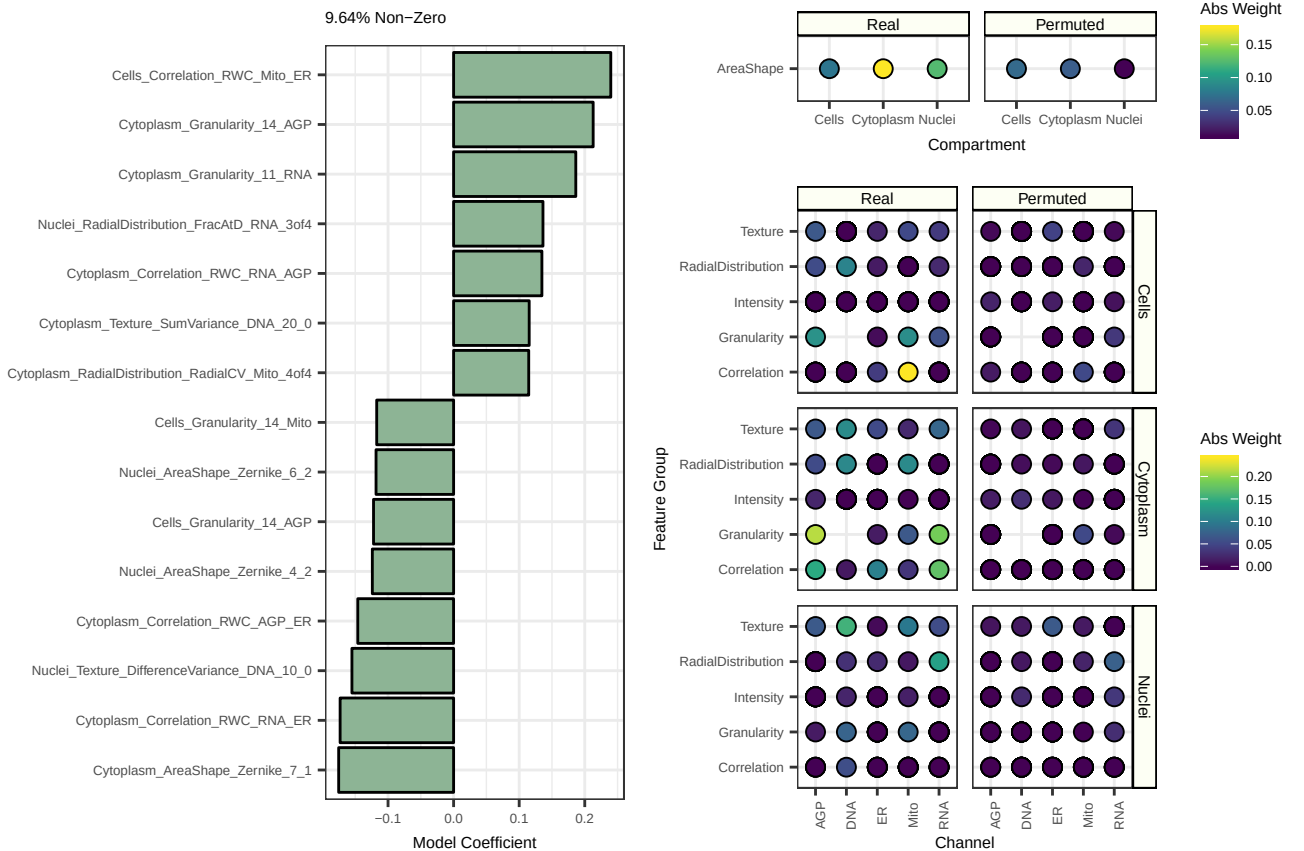


vb_percent_caspase_dead_only

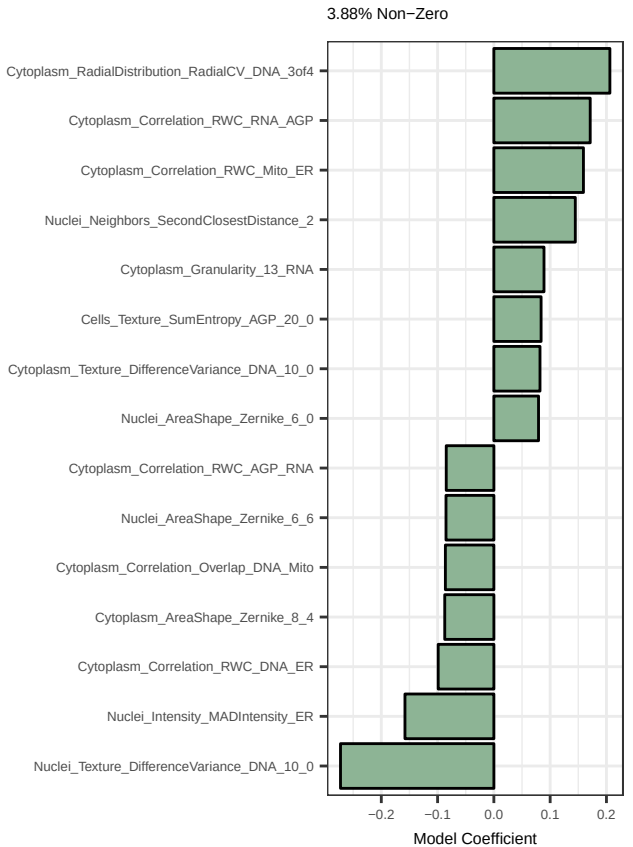


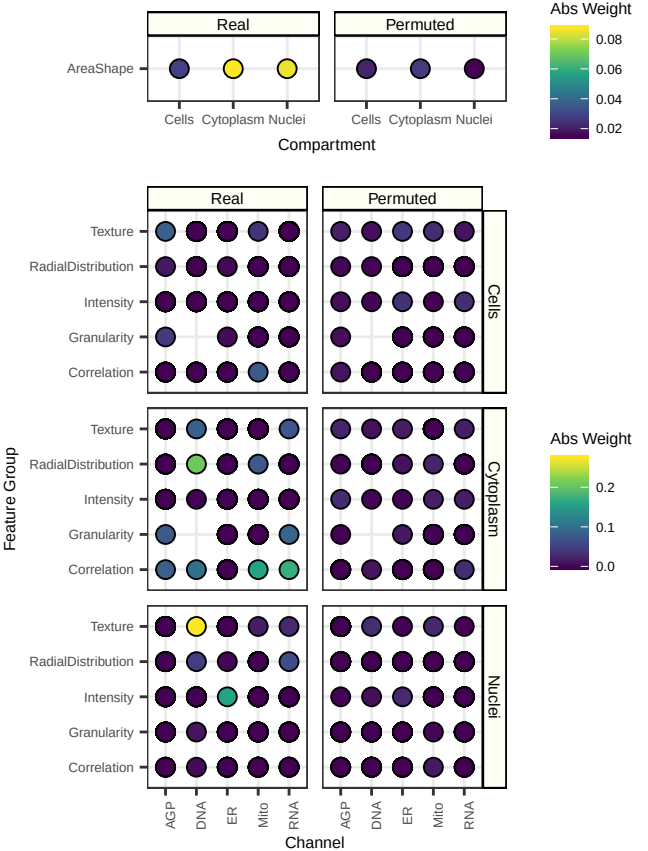


vb_percent_dead

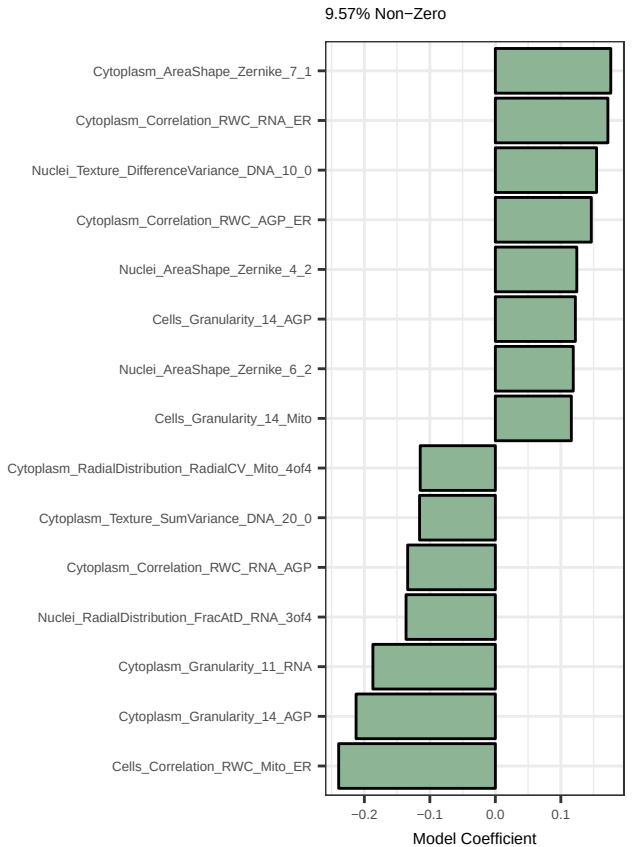


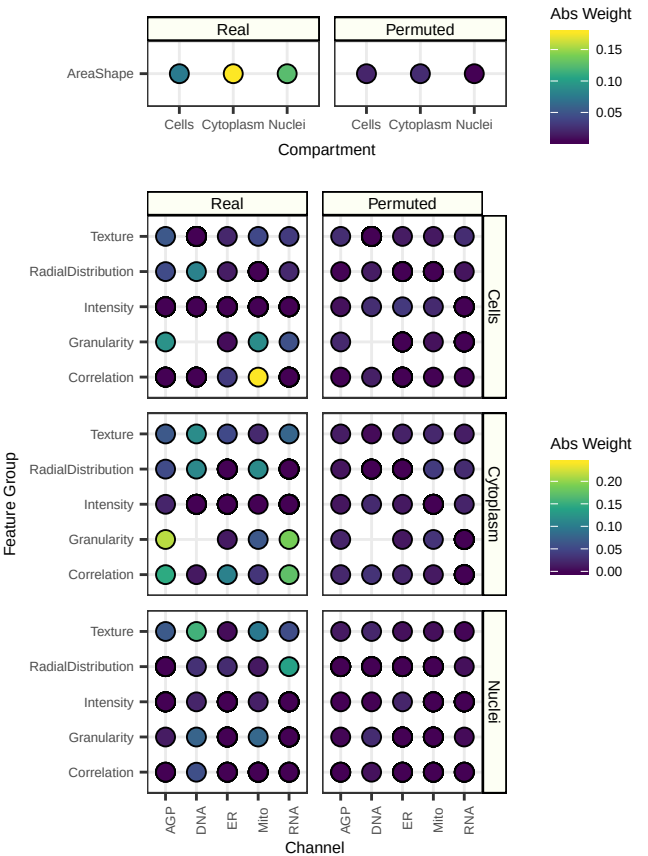
vb_percent_dead_only



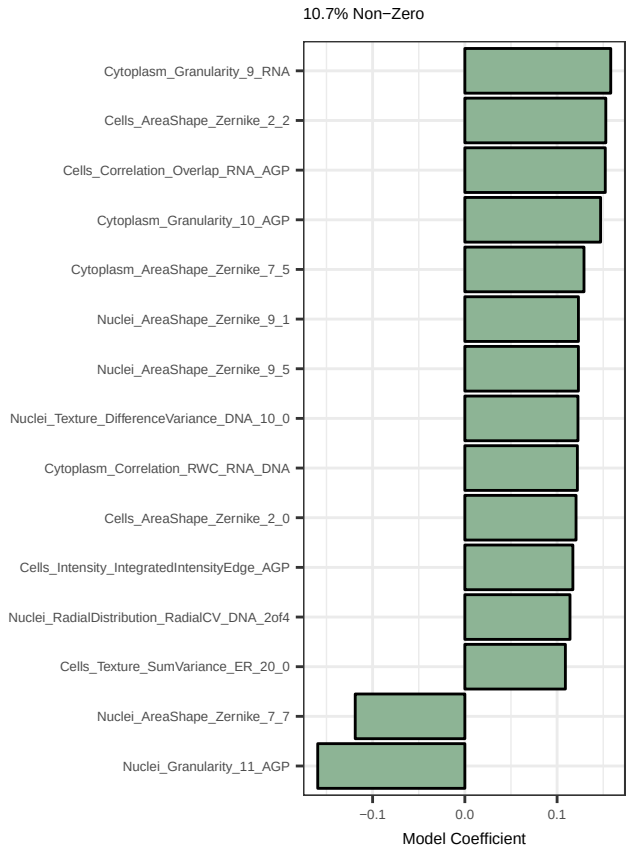


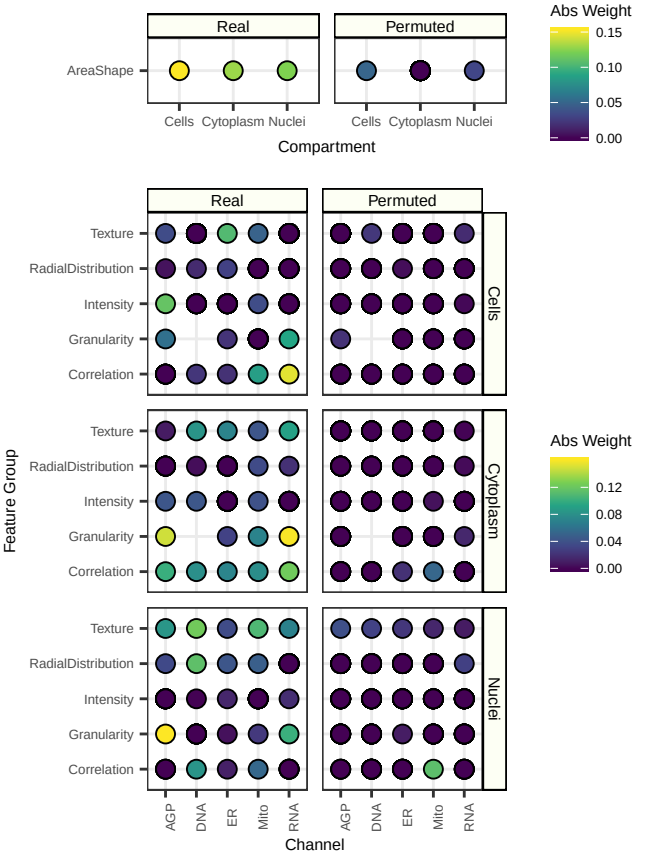
vb_percent_live



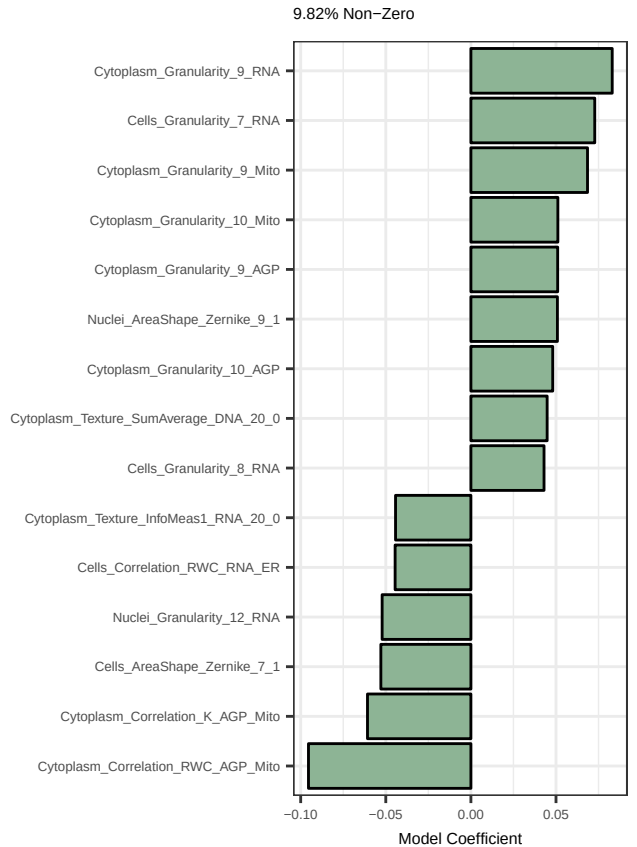


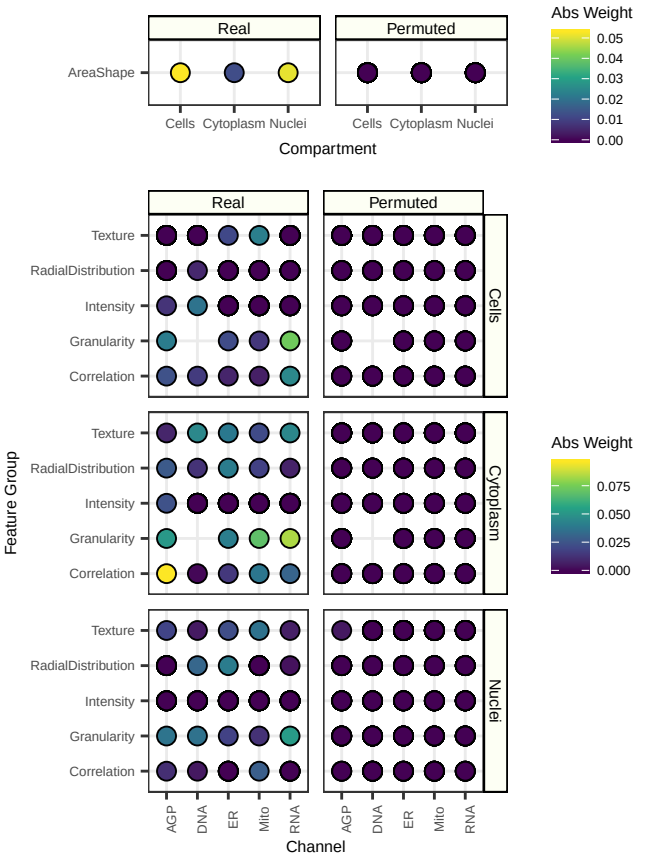
vb_ros_back_mean





vb_ros_mean


9.82% Non−Zero
Cytoplasm_Granularity_9_RNA
Cells_Granularity_7_RNA
Cytoplasm_Granularity_9_Mito
Cytoplasm_Granularity_10_Mito
Cytoplasm_Granularity_9_AGP
Nuclei_AreaShape_Zernike_9_1
Cytoplasm_Granularity_10_AGP
Cytoplasm_Texture_SumAverage_DNA_20_0
Cells_Granularity_8_RNA
Cytoplasm_Texture_InfoMeas1_RNA_20_0
Cells_Correlation_RWC_RNA_ER
Nuclei_Granularity_12_RNA
Cells_AreaShape_Zernike_7_1
Cytoplasm_Correlation_K_AGP_Mito
Cytoplasm_Correlation_RWC_AGP_Mito
−0.10
−0.05
0.00
0.05
Model Coefficient


Real
Permuted
AreaShape
Cells
Cytoplasm
Nuclei
Compartment
Abs Weight
0.05
0.04
0.03
0.02
0.01
0.00
Feature Group
Texture
RadialDistribution
Intensity
Granularity
Correlation
Cells
Cytoplasm
Nuclei
Abs Weight
0.075
0.050
0.025
0.000
AGP
DNA
ER
Mito
RNA
Channel