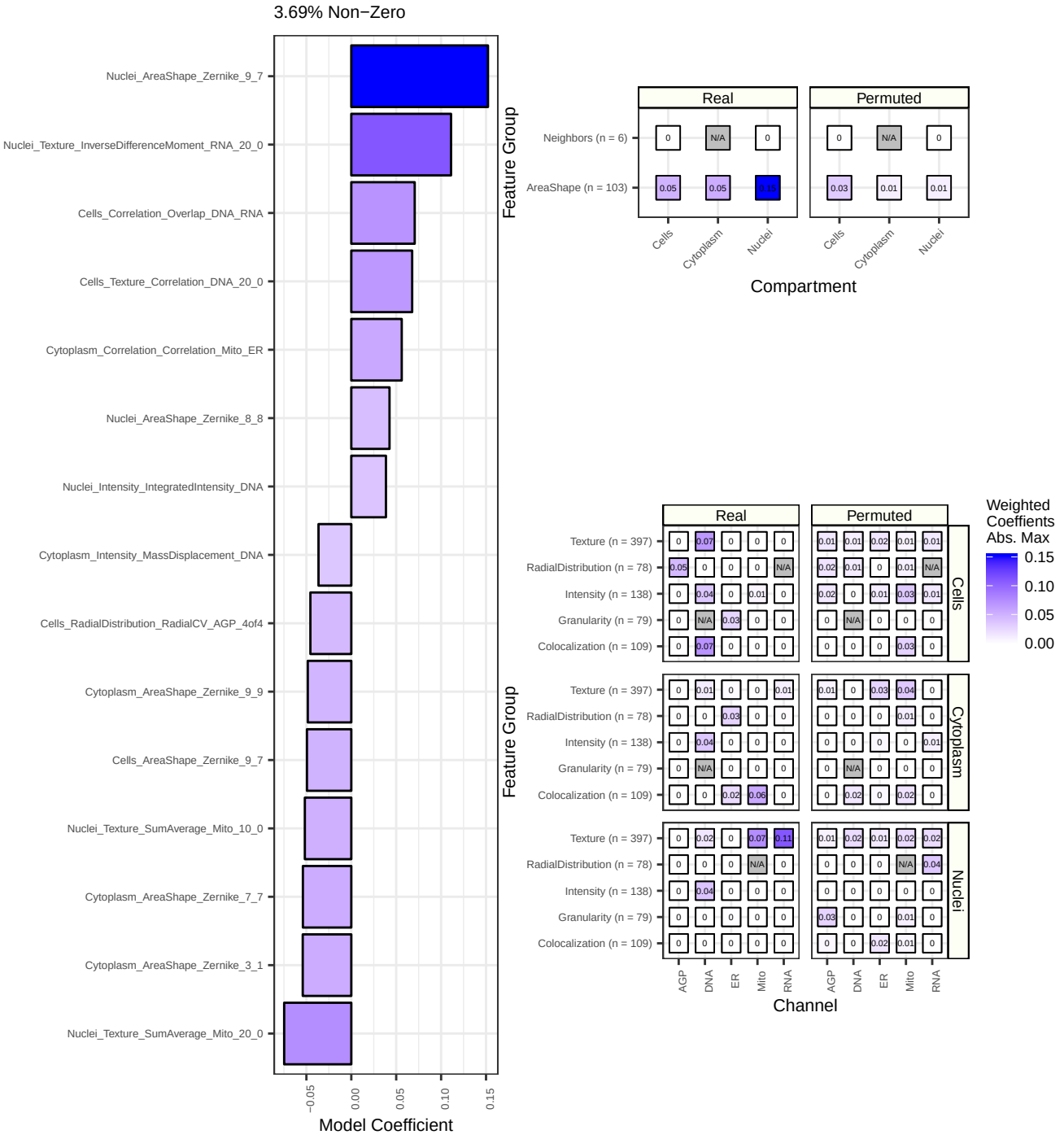
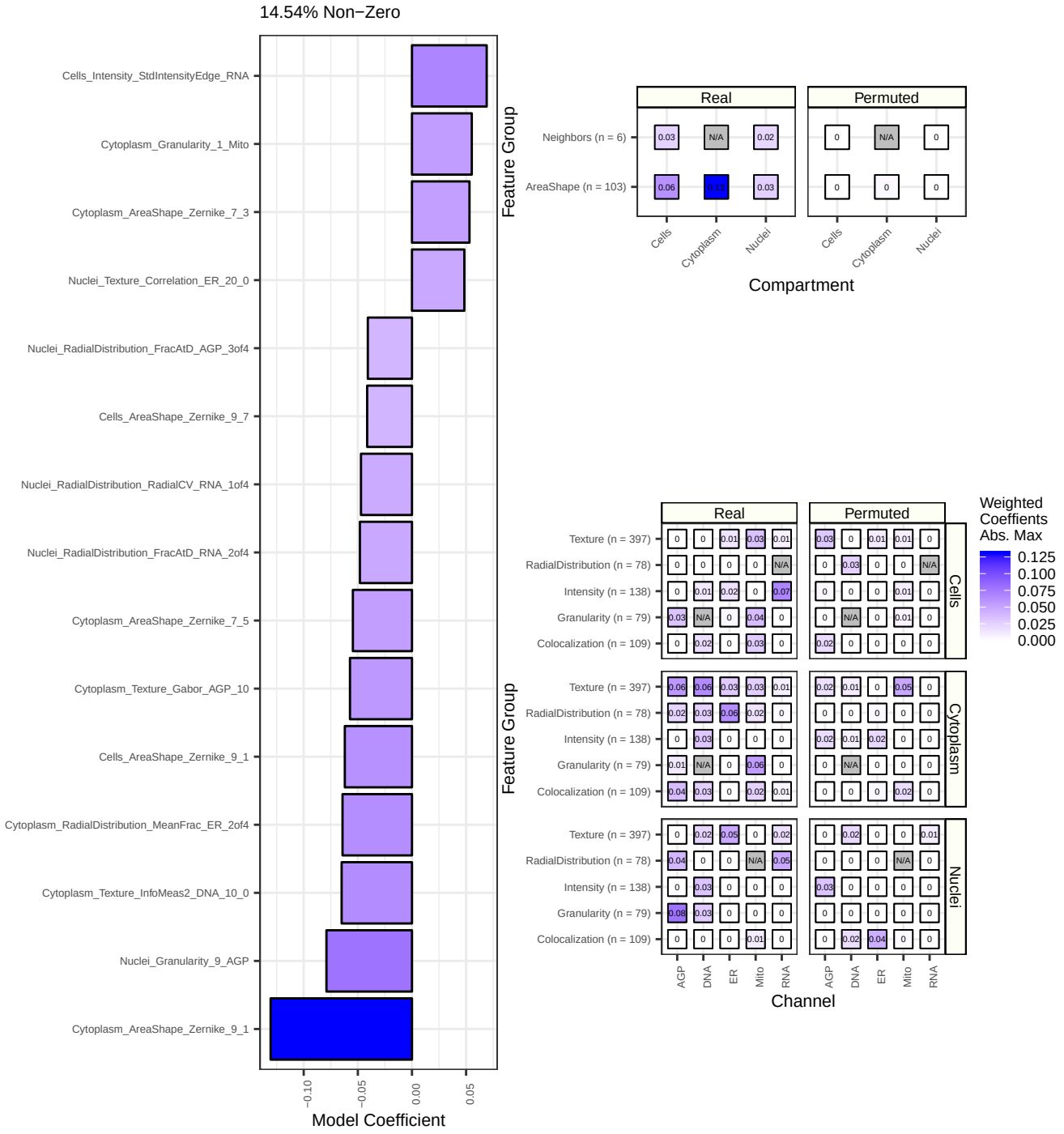
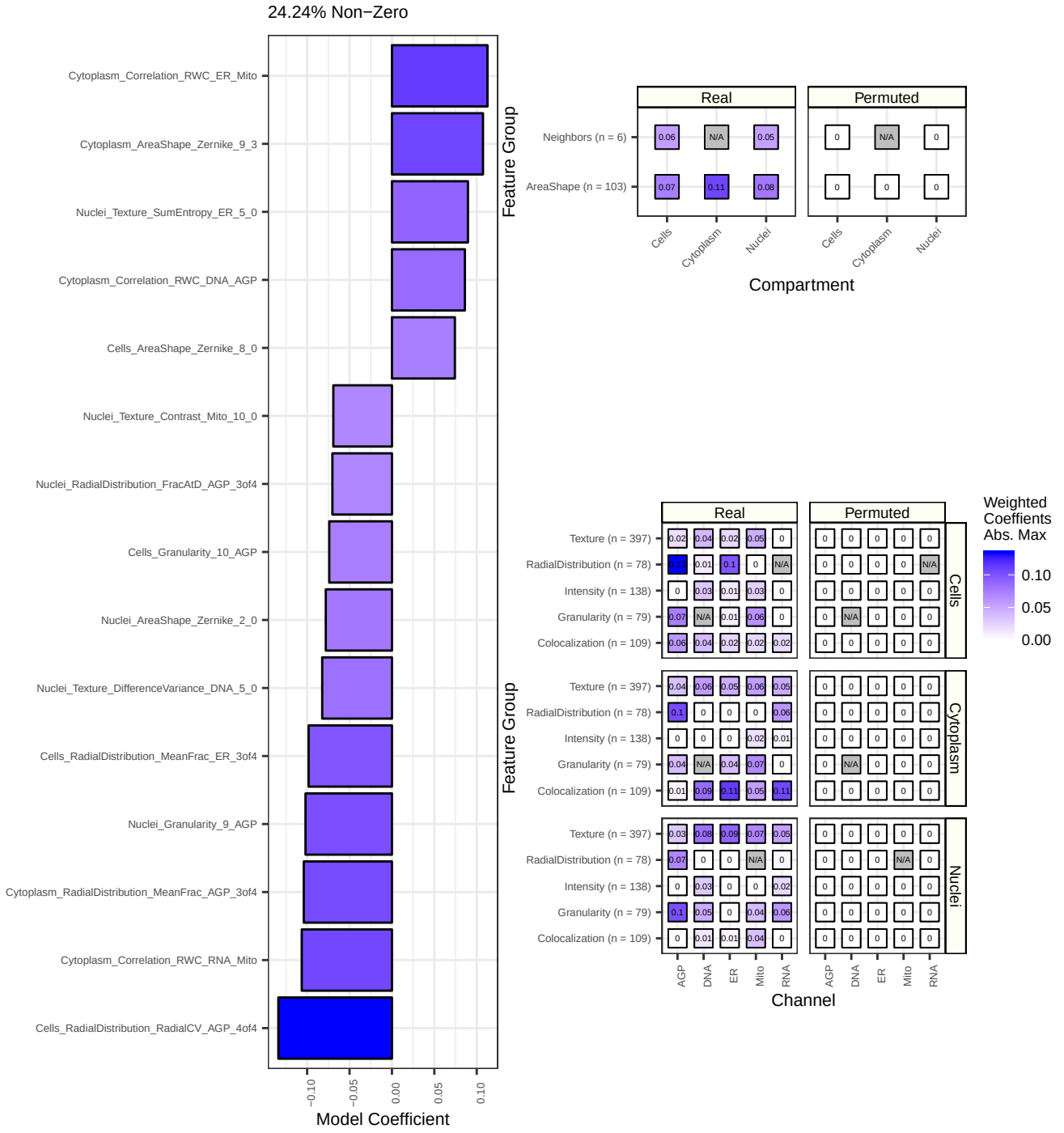
ALL − % High gH2AX Spots



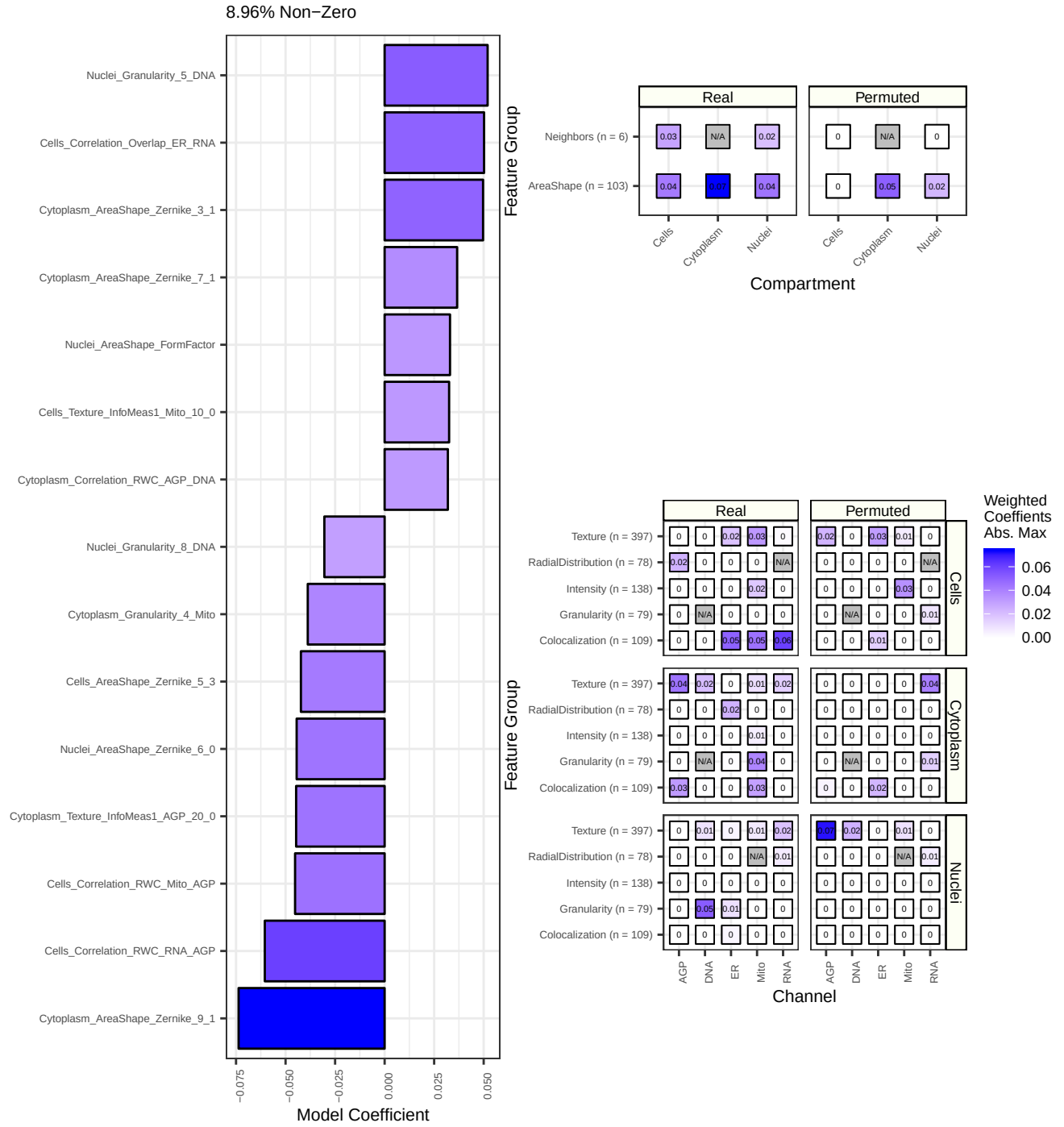
ALL − Polynuclear



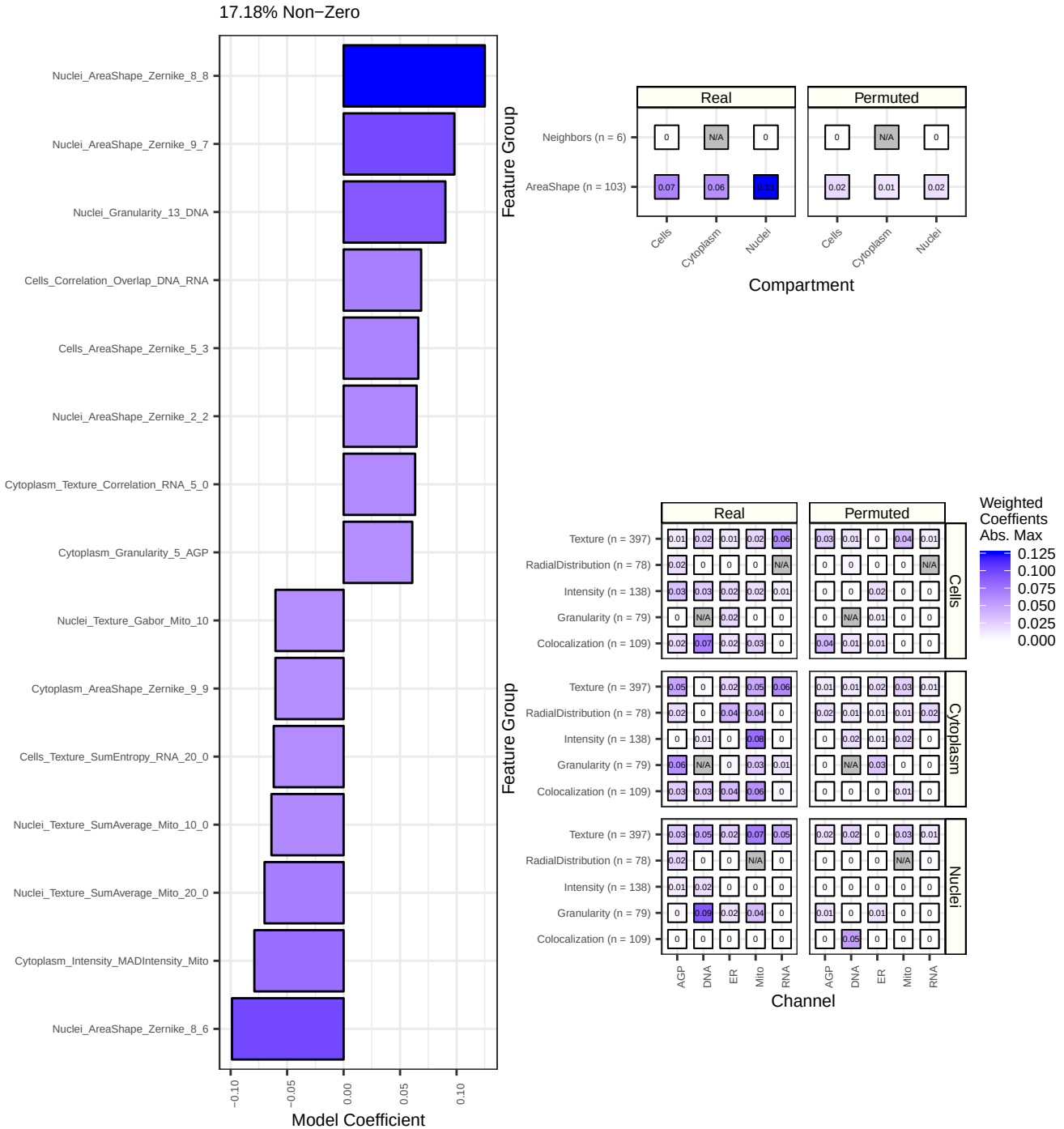
ALL − Polyploid



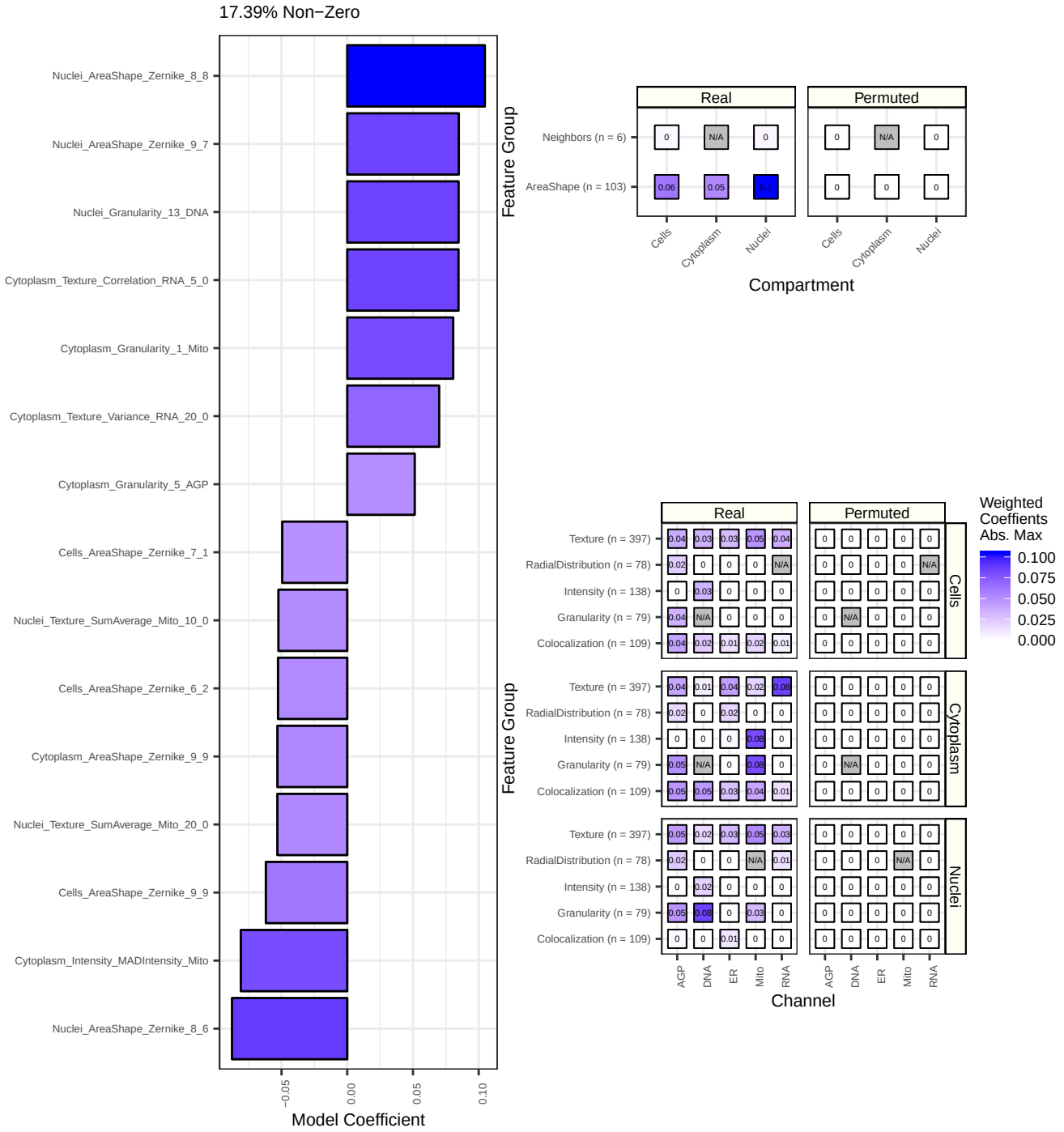
ALL − # cells


8.96% Non−Zero
Nuclei_Granularity_5_DNA
Cells_Correlation_Overlap_ER_RNA
Cytoplasm_AreaShape_Zernike_3_1
Cytoplasm_AreaShape_Zernike_7_1
Nuclei_AreaShape_FormFactor
Cells_Texture_InfoMeas1_Mito_10_0
Cytoplasm_Correlation_RWC_AGP_DNA
Nuclei_Granularity_8_DNA
Cytoplasm_Granularity_4_Mito
Cells_AreaShape_Zernike_5_3
Nuclei_AreaShape_Zernike_6_0
Cytoplasm_Texture_InfoMeas1_AGP_20_0
Cells_Correlation_RWC_Mito_AGP
Cells_Correlation_RWC_RNA_AGP
Cytoplasm_AreaShape_Zernike_9_1
−0.075
−0.050
−0.025
0.000
0.025
0.050
Model Coefficient
Feature Group
Real
Permuted
Neighbors (n = 6)
AreaShape (n = 103)
Cells
Cytoplasm
Nuclei
Compartment
Texture (n = 397)
RadialDistribution (n = 78)
Intensity (n = 138)
Granularity (n = 79)
Colocalization (n = 109)
AGP
DNA
ER
Mito
RNA
Channel
Weighted Coeffients Abs. Max
0.06
0.04
0.02
0.00

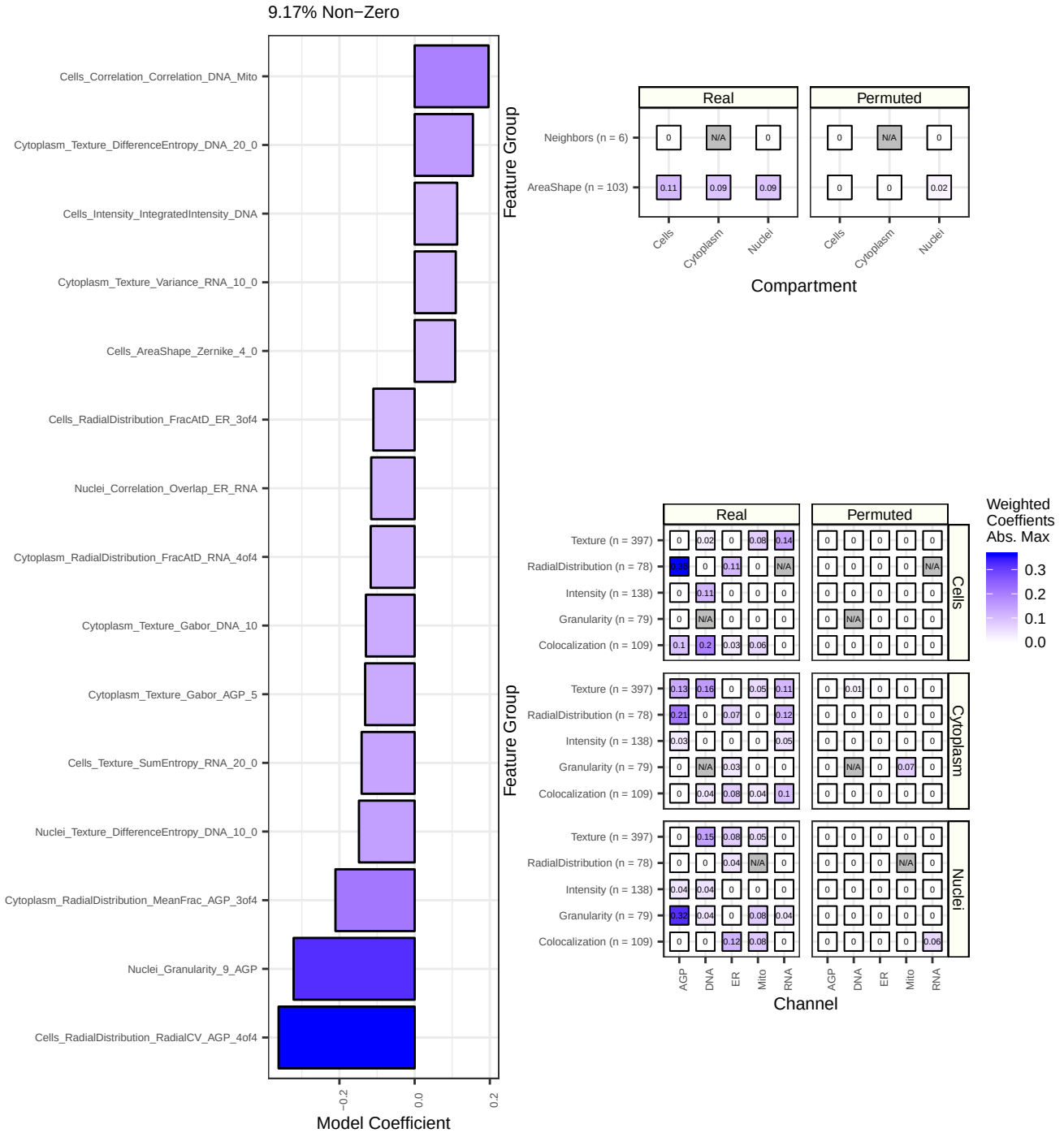
ALL − # of gH2AX Spots



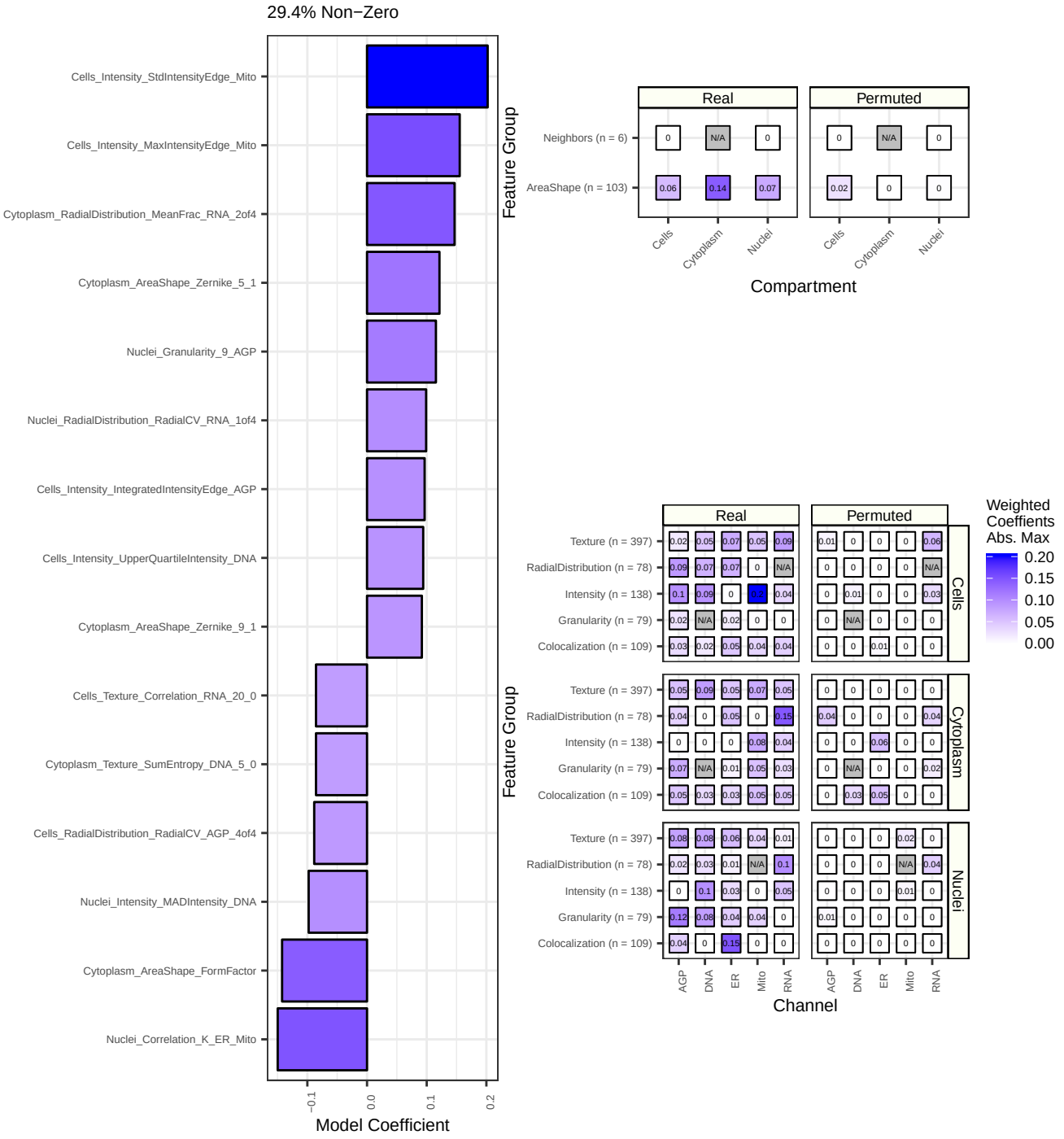
ALL − # of gH2AX Spots per Area of Nucleus



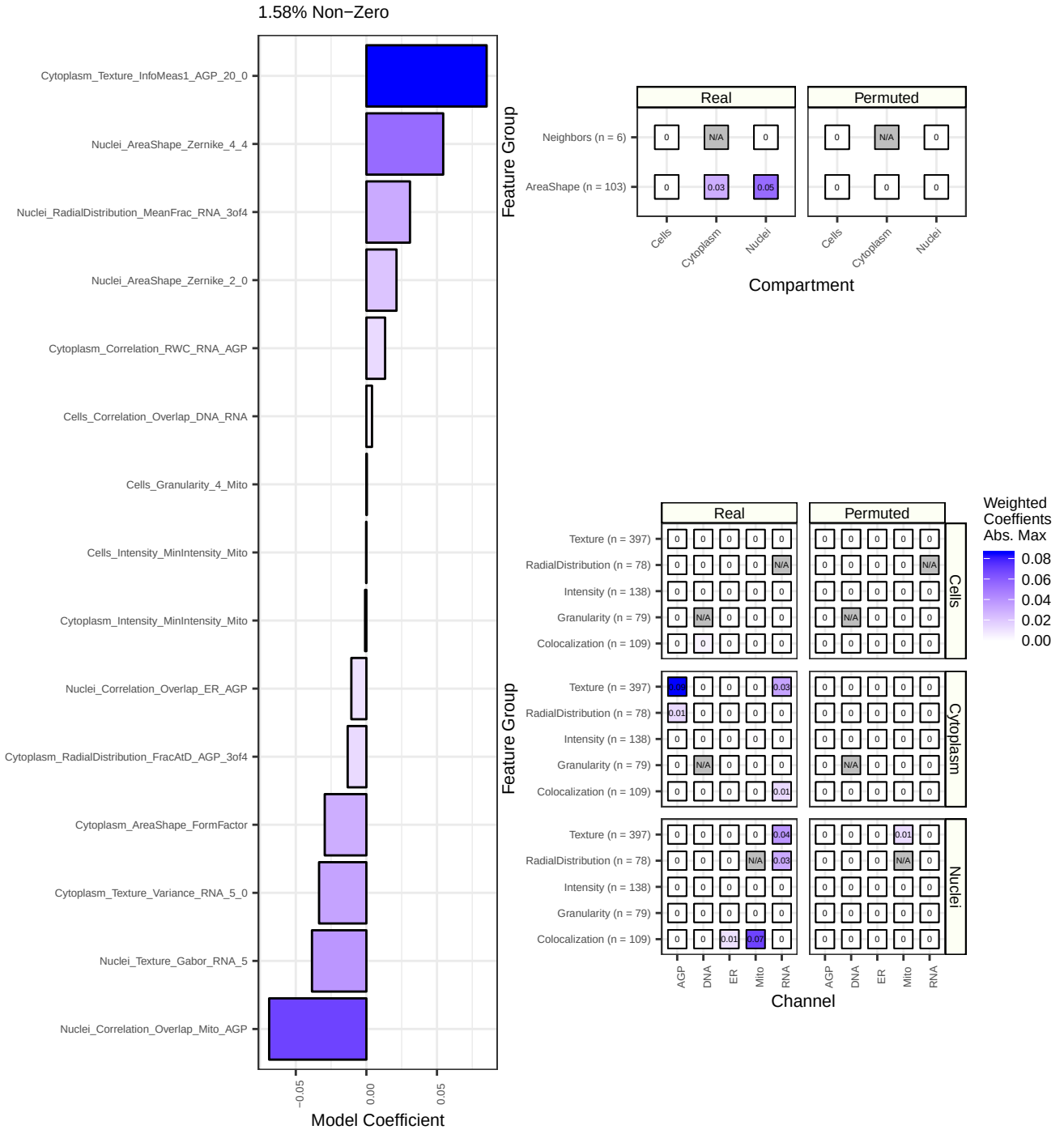
ALL − Nucleus Area



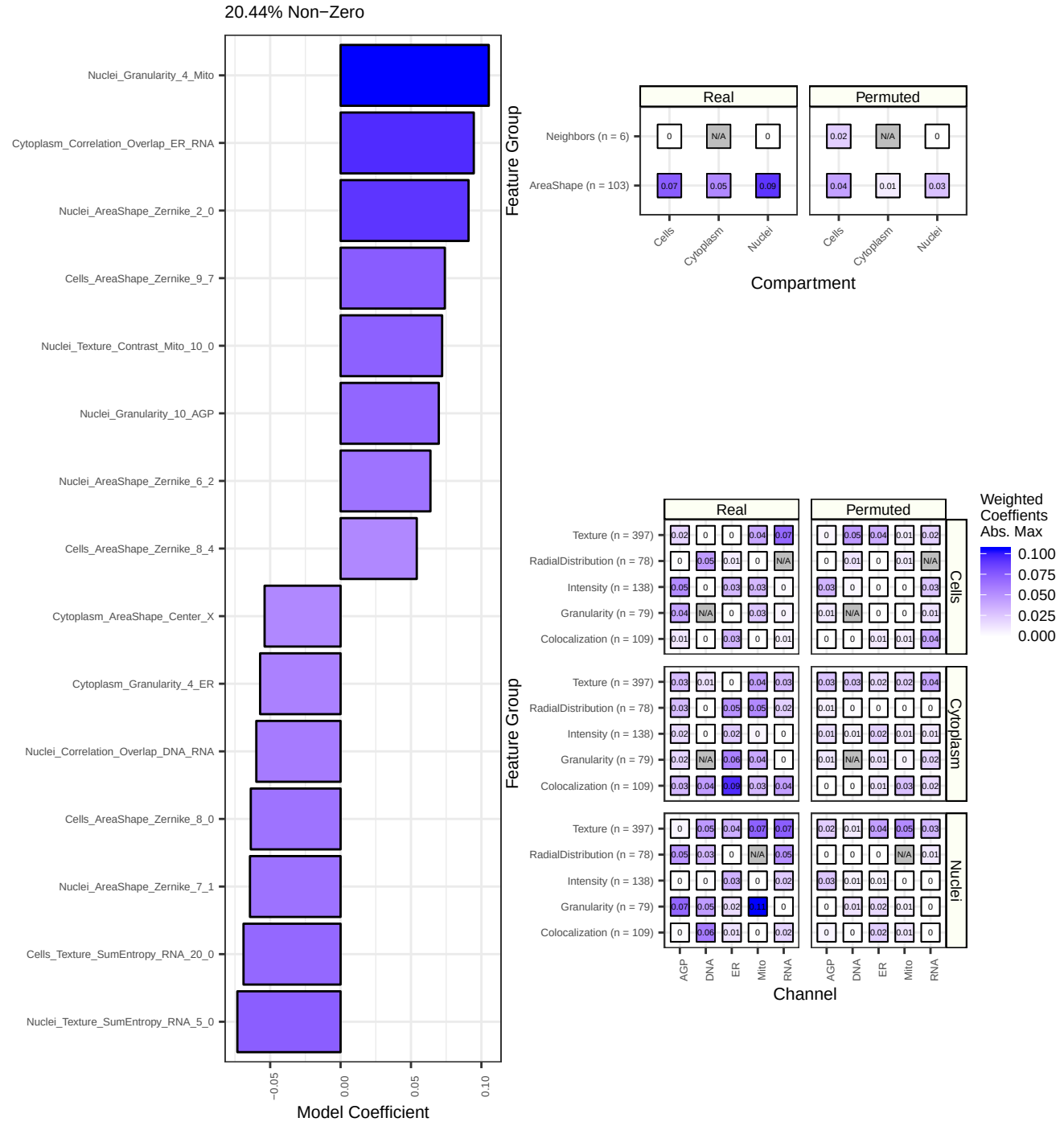
ALL − Nucleus Roundness



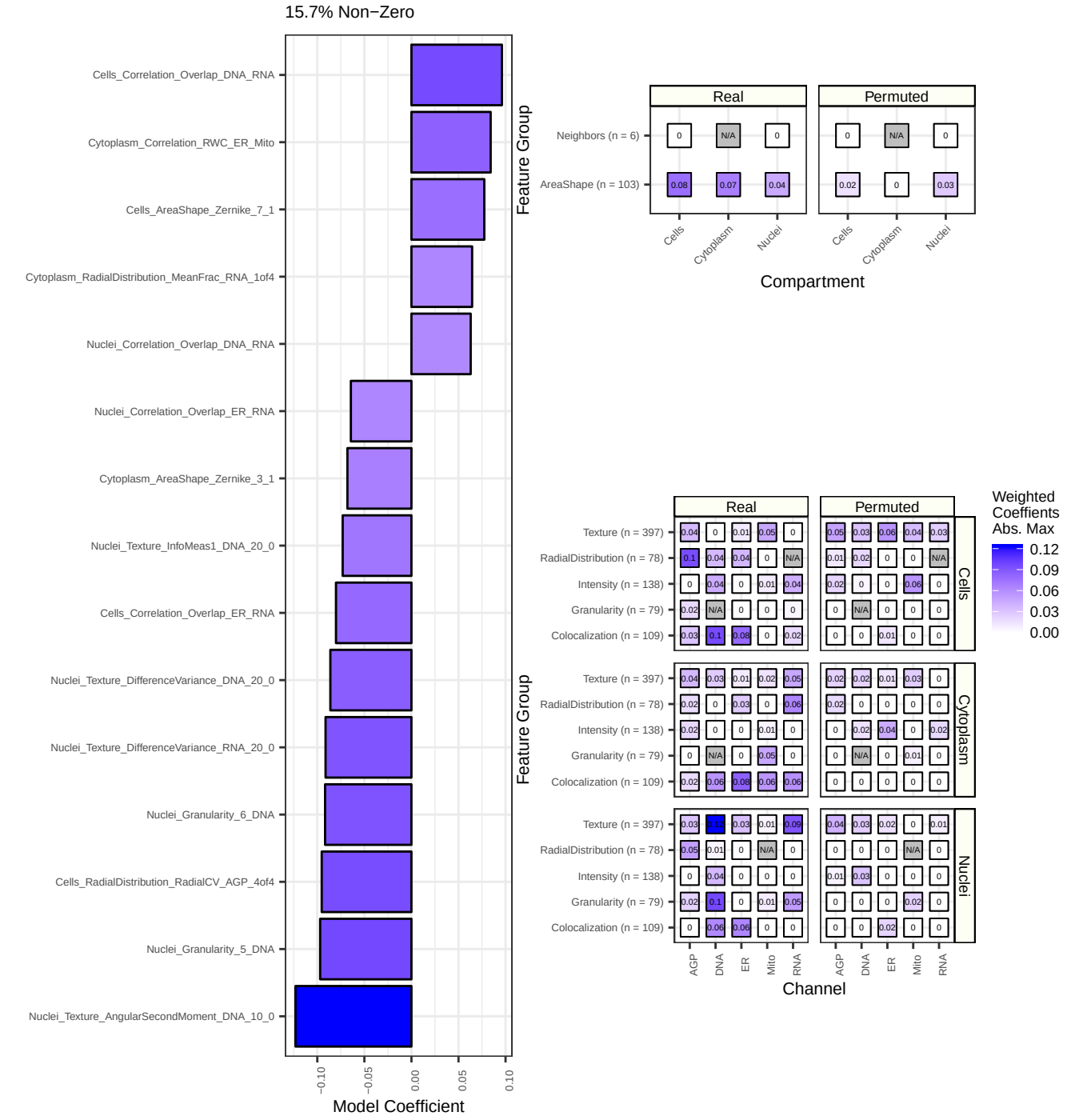
CC − % early M


1.58% Non−Zero
Cytoplasm_Texture_InfoMeas1_AGP_20_0
Nuclei_AreaShape_Zernike_4_4
Nuclei_RadialDistribution_MeanFrac_RNA_3of4
Nuclei_AreaShape_Zernike_2_0
Cytoplasm_Correlation_RWC_RNA_AGP
Cells_Correlation_Overlap_DNA_RNA
Cells_Granularity_4_Mito
Cells_Intensity_MinIntensity_Mito
Cytoplasm_Intensity_MinIntensity_Mito
Nuclei_Correlation_Overlap_ER_AGP
Cytoplasm_RadialDistribution_FracAtD_AGP_3of4
Cytoplasm_AreaShape_FormFactor
Cytoplasm_Texture_Variance_RNA_5_0
Nuclei_Texture_Gabor_RNA_5
Nuclei_Correlation_Overlap_Mito_AGP
−0.05
0.00
0.05
Model Coefficient
Feature Group
Real
Permuted
Neighbors (n = 6)
AreaShape (n = 103)
Cells
Cytoplasm
Nuclei
Compartment
Texture (n = 397)
RadialDistribution (n = 78)
Intensity (n = 138)
Granularity (n = 79)
Colocalization (n = 109)
AGP
DNA
ER
Mito
RNA
Channel
Weighted Coeffients Abs. Max
0.08
0.06
0.04
0.02
0.00

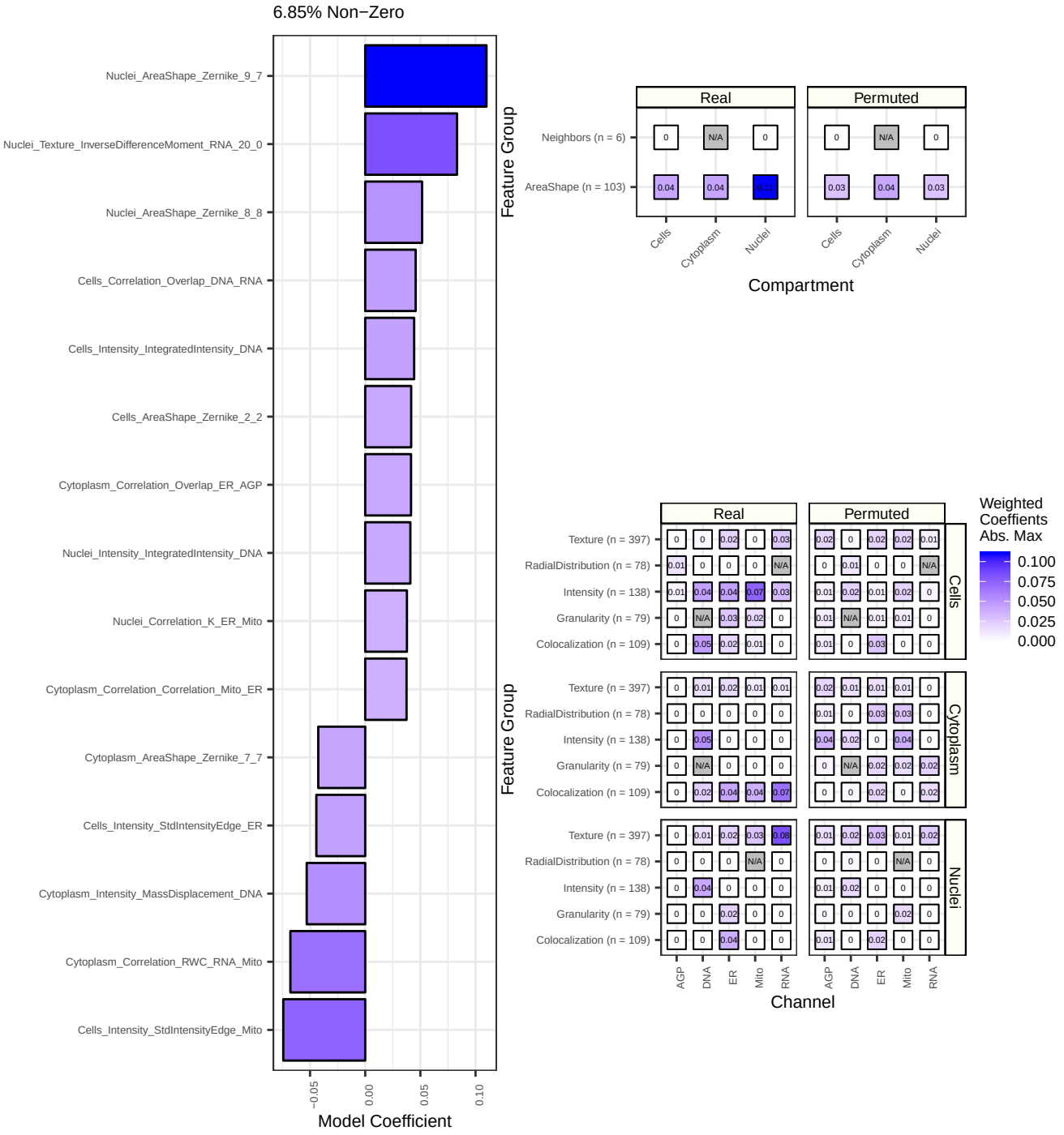
CC − % G1


20.44% Non−Zero
Nuclei_Granularity_4_Mito
Cytoplasm_Correlation_Overlap_ER_RNA
Nuclei_AreaShape_Zernike_2_0
Cells_AreaShape_Zernike_9_7
Nuclei_Texture_Contrast_Mito_10_0
Nuclei_Granularity_10_AGP
Nuclei_AreaShape_Zernike_6_2
Cells_AreaShape_Zernike_8_4
Cytoplasm_AreaShape_Center_X
Cytoplasm_Granularity_4_ER
Nuclei_Correlation_Overlap_DNA_RNA
Cells_AreaShape_Zernike_8_0
Nuclei_AreaShape_Zernike_7_1
Cells_Texture_SumEntropy_RNA_20_0
Nuclei_Texture_SumEntropy_RNA_5_0
−0.05
0.00
0.05
0.10
Model Coefficient
Feature Group
Real
Permuted
Neighbors (n = 6)
AreaShape (n = 103)
Cells
Cytoplasm
Nuclei
Compartment
Texture (n = 397)
RadialDistribution (n = 78)
Intensity (n = 138)
Granularity (n = 79)
Colocalization (n = 109)
AGP
DNA
ER
Mito
RNA
Channel
Weighted Coeffients Abs. Max
0.100
0.075
0.050
0.025
0.000

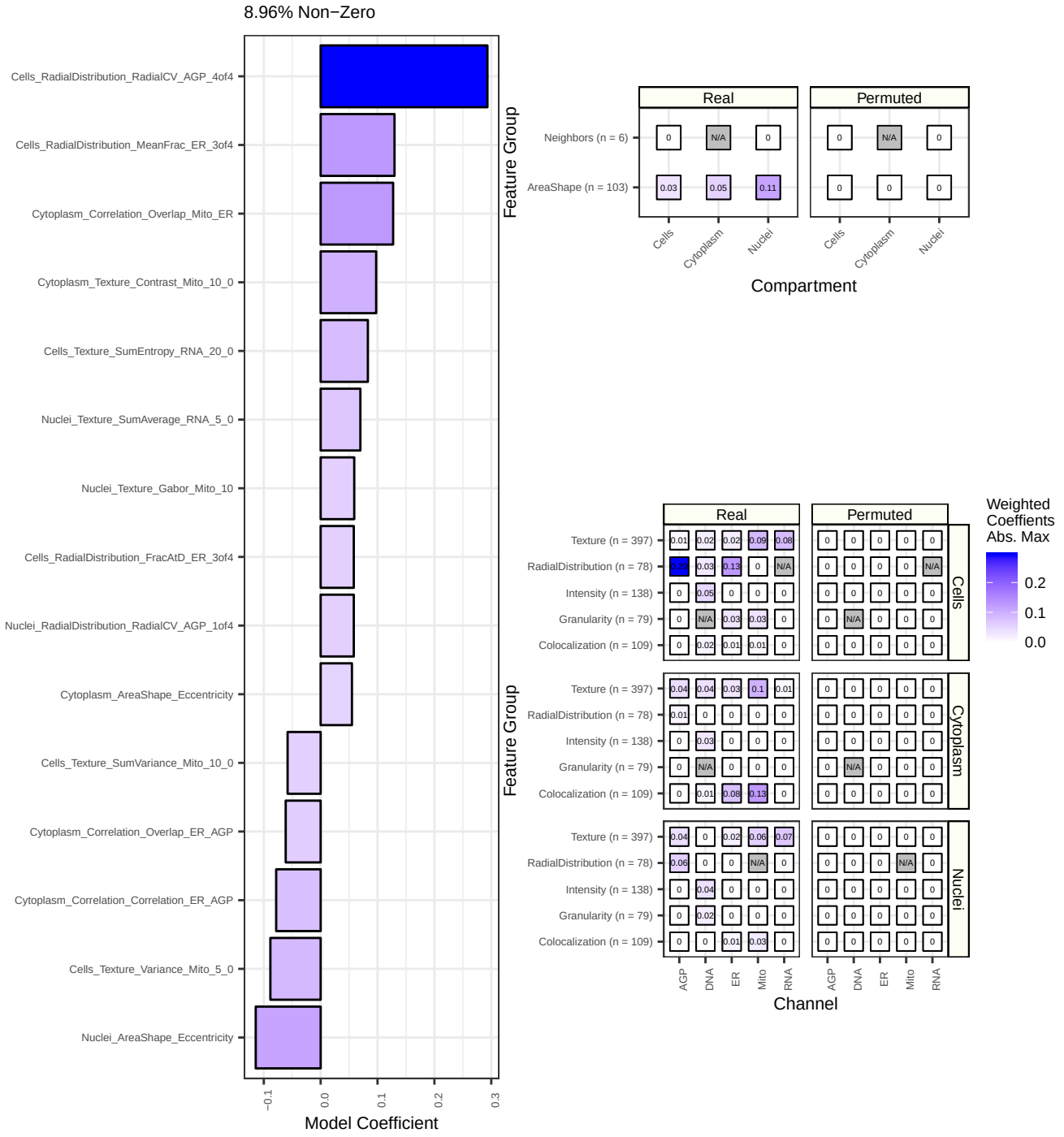
CC − % G2


15.7% Non−Zero
Cells_Correlation_Overlap_DNA_RNA
Cytoplasm_Correlation_RWC_ER_Mito
Cells_AreaShape_Zernike_7_1
Cytoplasm_RadialDistribution_MeanFrac_RNA_1of4
Nuclei_Correlation_Overlap_DNA_RNA
Nuclei_Correlation_Overlap_ER_RNA
Cytoplasm_AreaShape_Zernike_3_1
Nuclei_Texture_InfoMeas1_DNA_20_0
Cells_Correlation_Overlap_ER_RNA
Nuclei_Texture_DifferenceVariance_DNA_20_0
Nuclei_Texture_DifferenceVariance_RNA_20_0
Nuclei_Granularity_6_DNA
Cells_RadialDistribution_RadialCV_AGP_4of4
Nuclei_Granularity_5_DNA
Nuclei_Texture_AngularSecondMoment_DNA_10_0
−0.10
−0.05
0.00
0.05
0.10
Model Coefficient
Feature Group
Real
Permuted
Neighbors (n = 6)
AreaShape (n = 103)
Cells
Cytoplasm
Nuclei
Compartment
Texture (n = 397)
RadialDistribution (n = 78)
Intensity (n = 138)
Granularity (n = 79)
Colocalization (n = 109)
AGP
DNA
ER
Mito
RNA
Channel
Weighted Coeffients Abs. Max
0.12
0.09
0.06
0.03
0.00

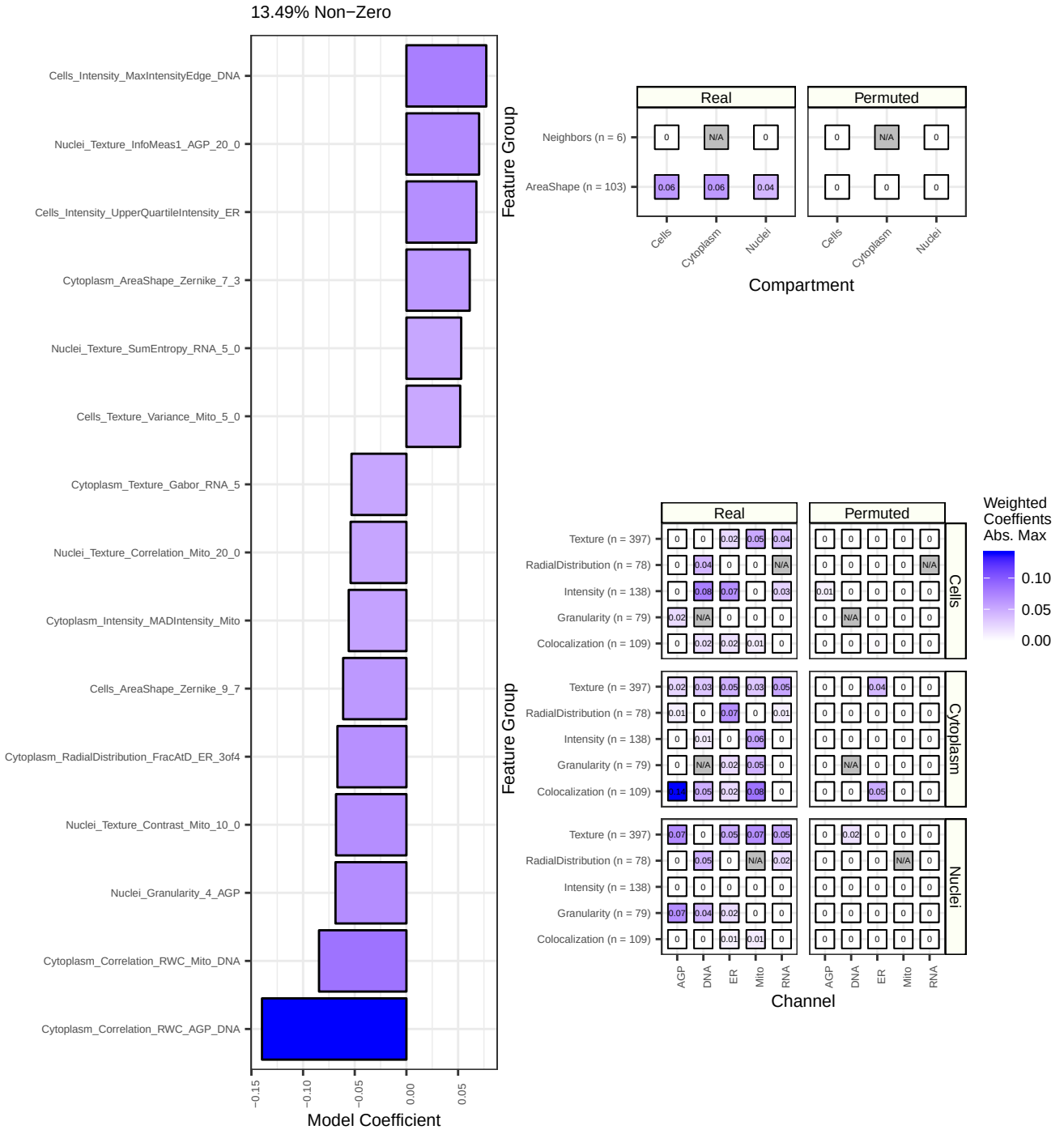
CC − % High gH2AX spots



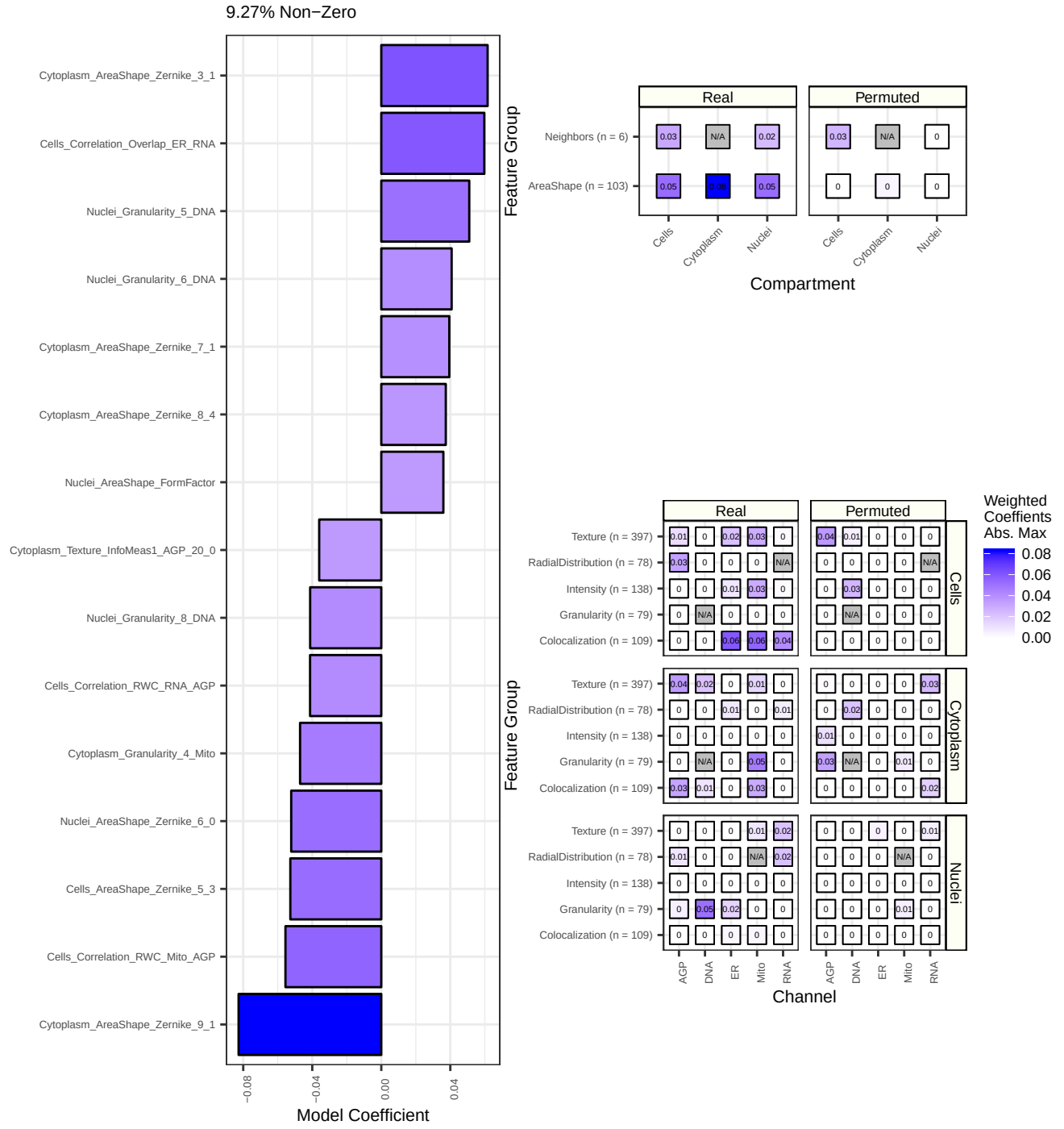
CC − % Late M


8.96% Non−Zero
Cells_RadialDistribution_RadialCV_AGP_4of4
Cells_RadialDistribution_MeanFrac_ER_3of4
Cytoplasm_Correlation_Overlap_Mito_ER
Cytoplasm_Texture_Contrast_Mito_10_0
Cells_Texture_SumEntropy_RNA_20_0
Nuclei_Texture_SumAverage_RNA_5_0
Nuclei_Texture_Gabor_Mito_10
Cells_RadialDistribution_FracAtD_ER_3of4
Nuclei_RadialDistribution_RadialCV_AGP_1of4
Cytoplasm_AreaShape_Eccentricity
Cells_Texture_SumVariance_Mito_10_0
Cytoplasm_Correlation_Overlap_ER_AGP
Cytoplasm_Correlation_Correlation_ER_AGP
Cells_Texture_Variance_Mito_5_0
Nuclei_AreaShape_Eccentricity
−0.1
0.0
0.1
0.2
0.3
Model Coefficient
Feature Group
Real
Permuted
Neighbors (n = 6)
AreaShape (n = 103)
Cells
Cytoplasm
Nuclei
Compartment
Texture (n = 397)
RadialDistribution (n = 78)
Intensity (n = 138)
Granularity (n = 79)
Colocalization (n = 109)
AGP
DNA
ER
Mito
RNA
Channel
Weighted Coeffients Abs. Max
0.2
0.1
0.0

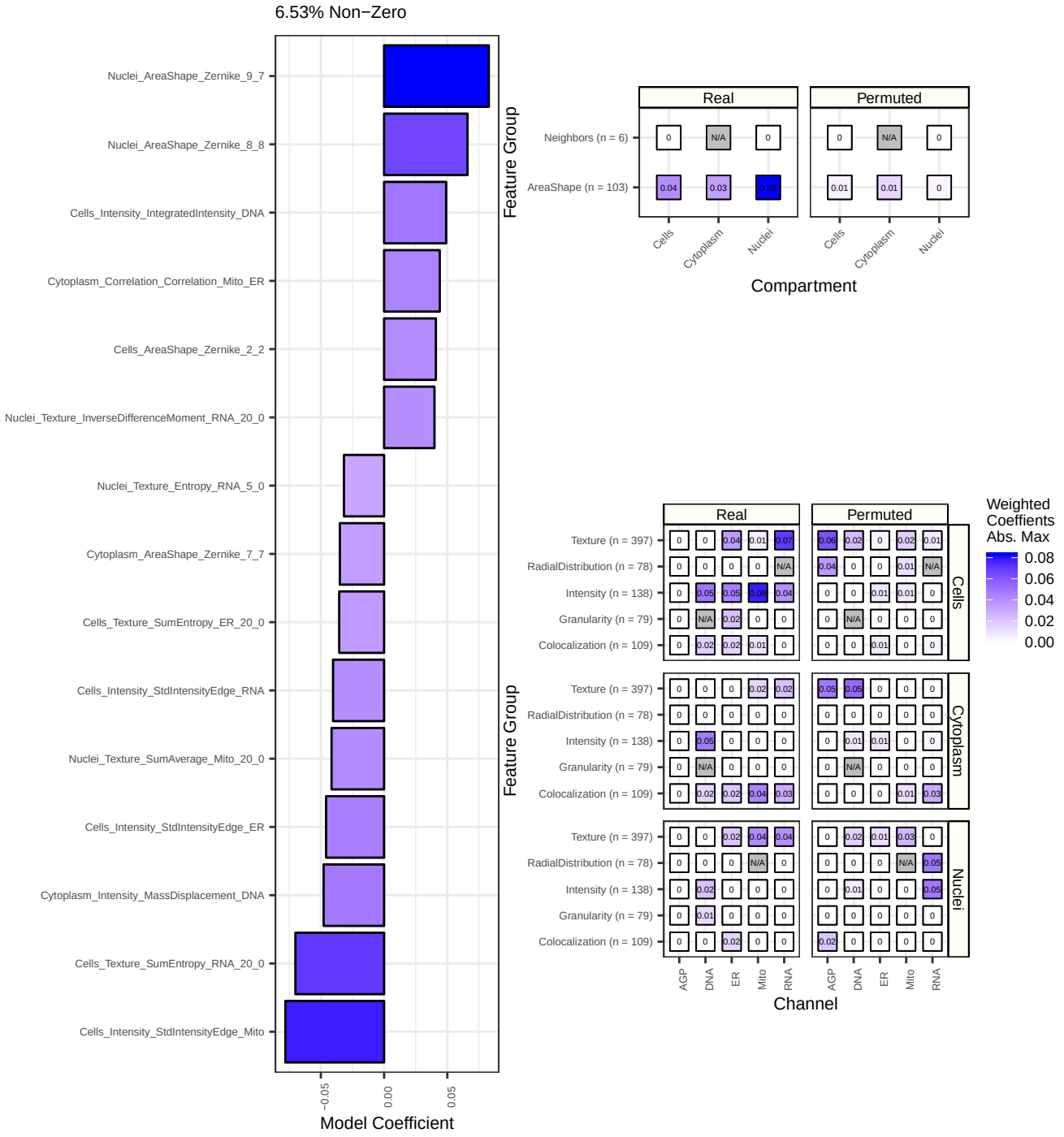
CC − % M


13.49% Non−Zero
Cells_Intensity_MaxIntensityEdge_DNA
Nuclei_Texture_InfoMeas1_AGP_20_0
Cells_Intensity_UpperQuartileIntensity_ER
Cytoplasm_AreaShape_Zernike_7_3
Nuclei_Texture_SumEntropy_RNA_5_0
Cells_Texture_Variance_Mito_5_0
Cytoplasm_Texture_Gabor_RNA_5
Nuclei_Texture_Correlation_Mito_20_0
Cytoplasm_Intensity_MADIntensity_Mito
Cells_AreaShape_Zernike_9_7
Cytoplasm_RadialDistribution_FracAtD_ER_3of4
Nuclei_Texture_Contrast_Mito_10_0
Nuclei_Granularity_4_AGP
Cytoplasm_Correlation_RWC_Mito_DNA
Cytoplasm_Correlation_RWC_AGP_DNA
−0.15
−0.10
−0.05
0.00
0.05
Model Coefficient
Feature Group
Real
Permuted
Neighbors (n = 6)
AreaShape (n = 103)
Cells
Cytoplasm
Nuclei
Compartment
Texture (n = 397)
RadialDistribution (n = 78)
Intensity (n = 138)
Granularity (n = 79)
Colocalization (n = 109)
AGP
DNA
ER
Mito
RNA
Channel
Weighted Coeffients Abs. Max
0.10
0.05
0.00

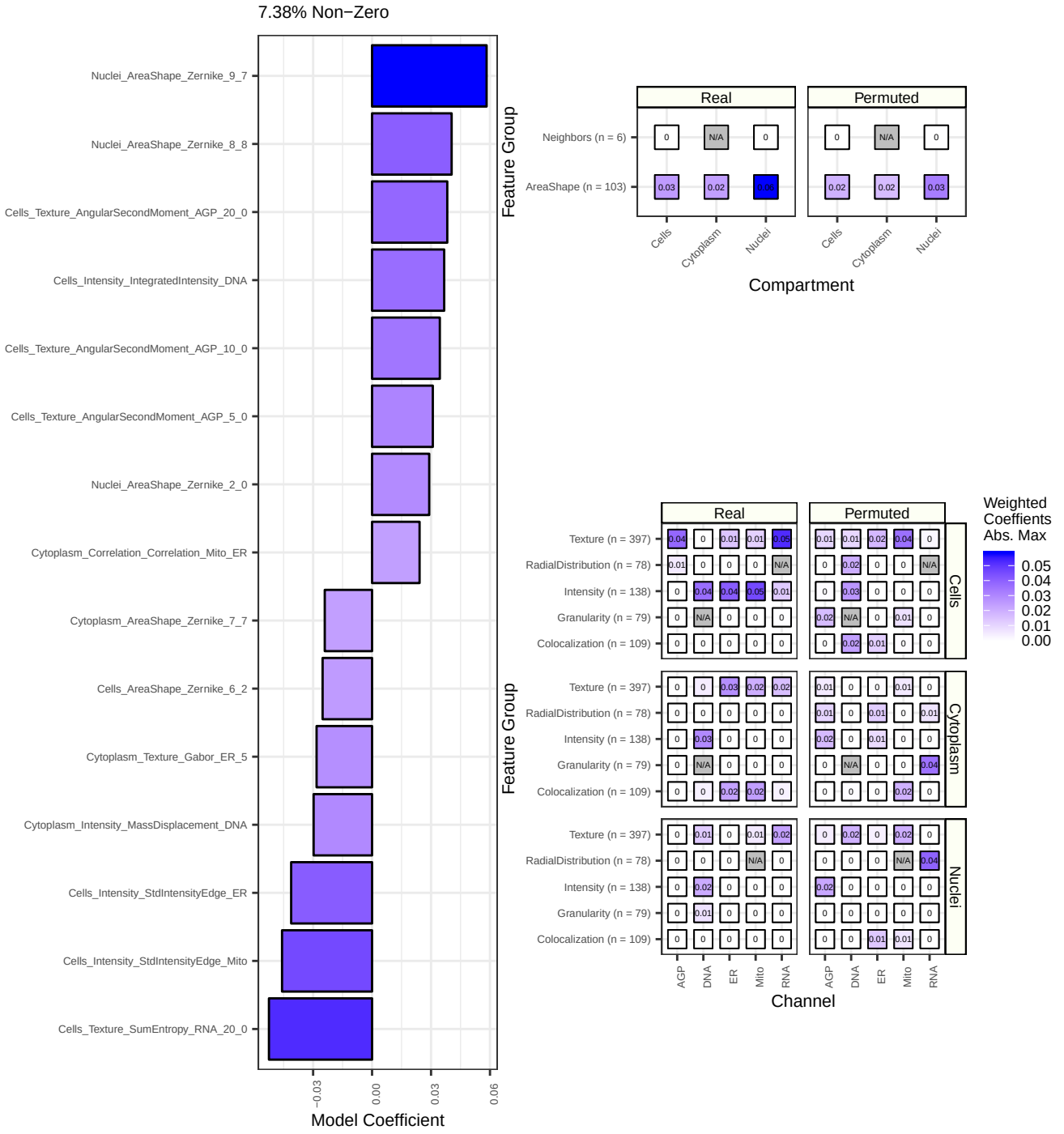
CC − # cells


9.27% Non−Zero
Cytoplasm_AreaShape_Zernike_3_1
Cells_Correlation_Overlap_ER_RNA
Nuclei_Granularity_5_DNA
Nuclei_Granularity_6_DNA
Cytoplasm_AreaShape_Zernike_7_1
Cytoplasm_AreaShape_Zernike_8_4
Nuclei_AreaShape_FormFactor
Cytoplasm_Texture_InfoMeas1_AGP_20_0
Nuclei_Granularity_8_DNA
Cells_Correlation_RWC_RNA_AGP
Cytoplasm_Granularity_4_Mito
Nuclei_AreaShape_Zernike_6_0
Cells_AreaShape_Zernike_5_3
Cells_Correlation_RWC_Mito_AGP
Cytoplasm_AreaShape_Zernike_9_1
−0.08
−0.04
0.00
0.04
Model Coefficient
Feature Group
Real
Permuted
Neighbors (n = 6)
AreaShape (n = 103)
Cells
Cytoplasm
Nuclei
Compartment
Texture (n = 397)
RadialDistribution (n = 78)
Intensity (n = 138)
Granularity (n = 79)
Colocalization (n = 109)
AGP
DNA
ER
Mito
RNA
Channel
Weighted Coeffients Abs. Max
0.08
0.06
0.04
0.02
0.00

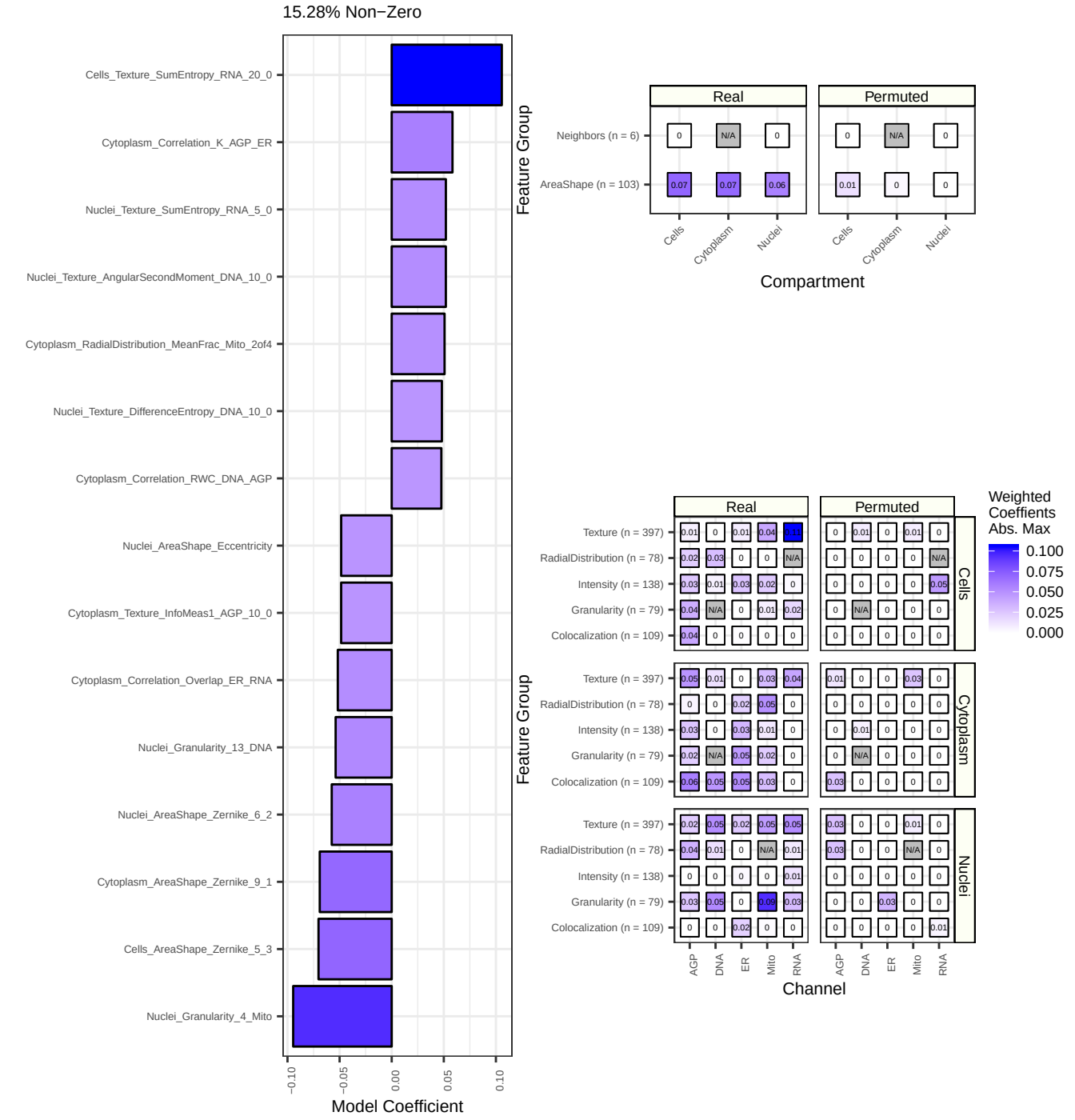
CC − # of gH2AX Spots



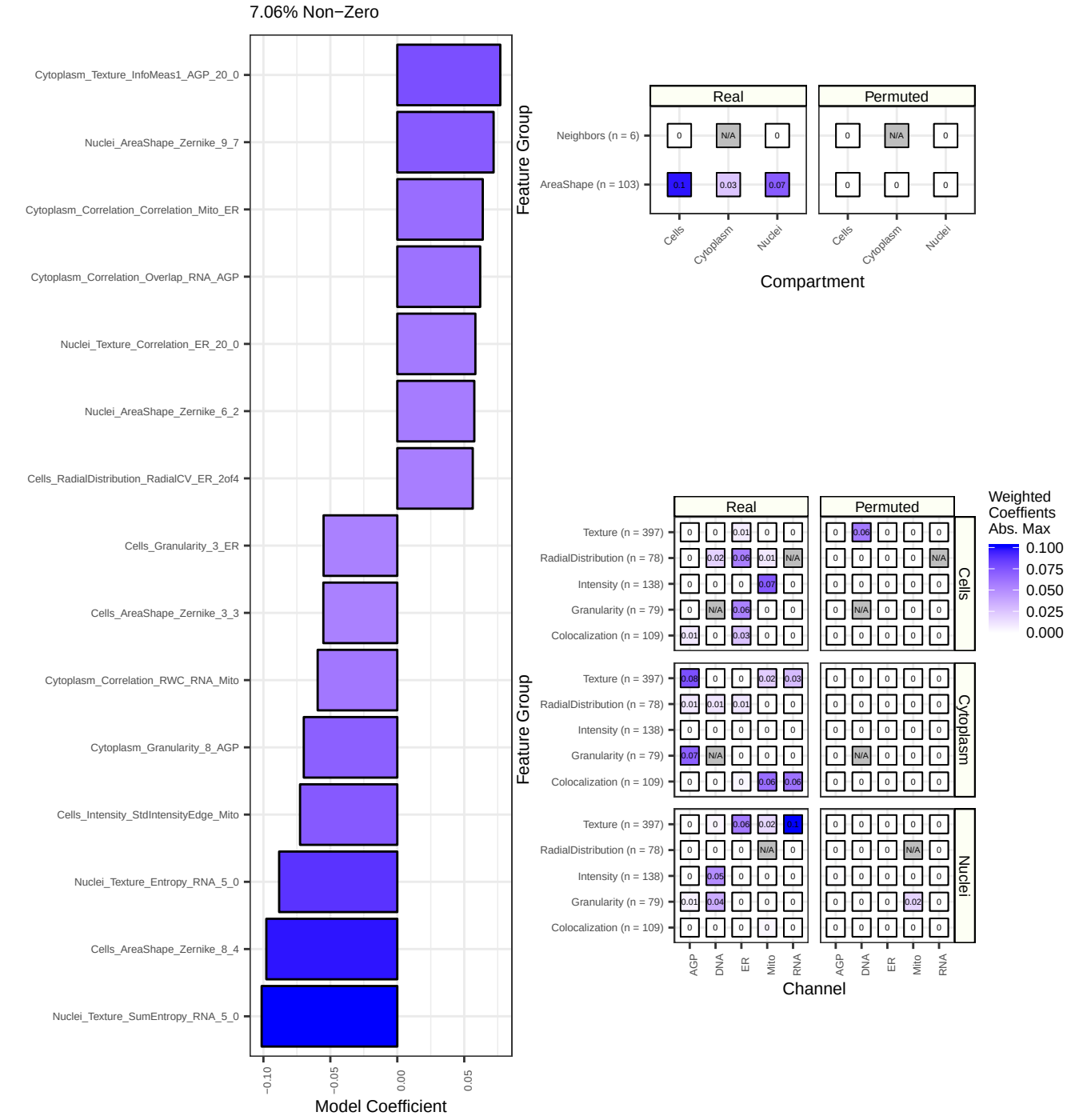
CC − # of gH2AX Spots per Area of Nucleus



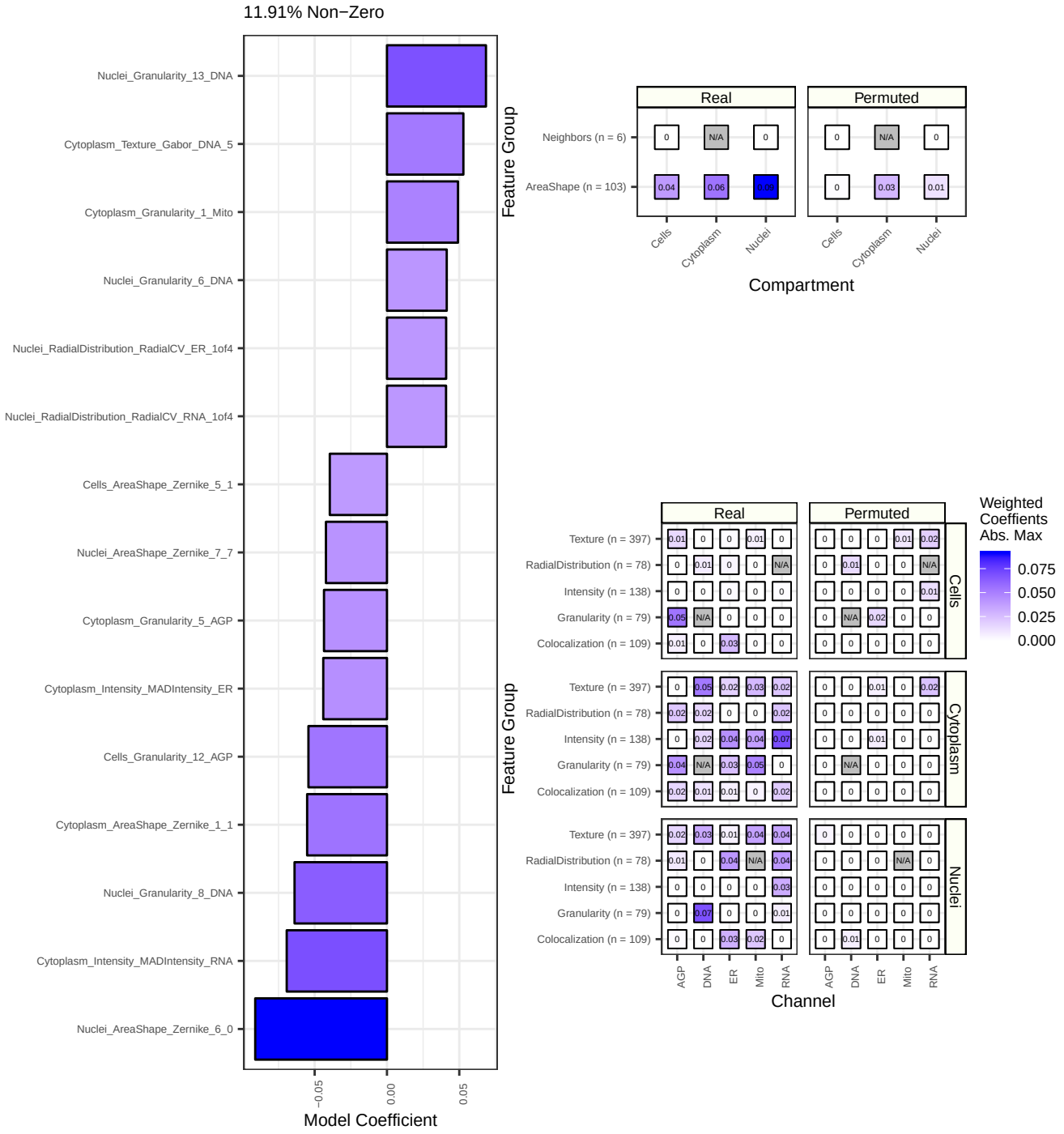
CC − % S


15.28% Non−Zero
Cells_Texture_SumEntropy_RNA_20_0
Cytoplasm_Correlation_K_AGP_ER
Nuclei_Texture_SumEntropy_RNA_5_0
Nuclei_Texture_AngularSecondMoment_DNA_10_0
Cytoplasm_RadialDistribution_MeanFrac_Mito_2of4
Nuclei_Texture_DifferenceEntropy_DNA_10_0
Cytoplasm_Correlation_RWC_DNA_AGP
Nuclei_AreaShape_Eccentricity
Cytoplasm_Texture_InfoMeas1_AGP_10_0
Cytoplasm_Correlation_Overlap_ER_RNA
Nuclei_Granularity_13_DNA
Nuclei_AreaShape_Zernike_6_2
Cytoplasm_AreaShape_Zernike_9_1
Cells_AreaShape_Zernike_5_3
Nuclei_Granularity_4_Mito
−0.10
−0.05
0.00
0.05
0.10
Model Coefficient
Feature Group
Real
Permuted
Neighbors (n = 6)
AreaShape (n = 103)
Cells
Cytoplasm
Nuclei
Compartment
Texture (n = 397)
RadialDistribution (n = 78)
Intensity (n = 138)
Granularity (n = 79)
Colocalization (n = 109)
AGP
DNA
ER
Mito
RNA
Channel
Weighted Coeffients Abs. Max
0.100
0.075
0.050
0.025
0.000

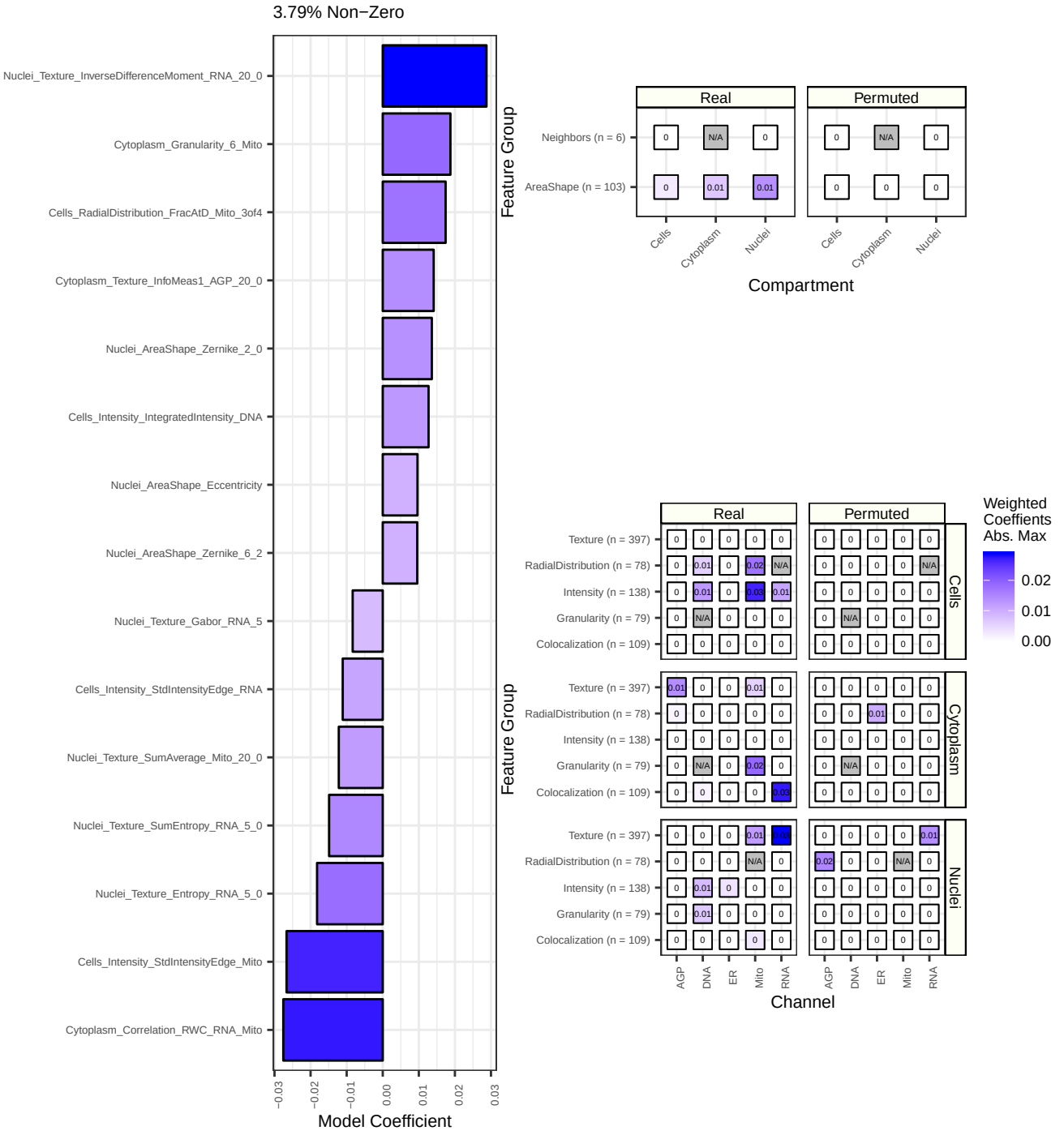
early M − % High gH2AX Spots



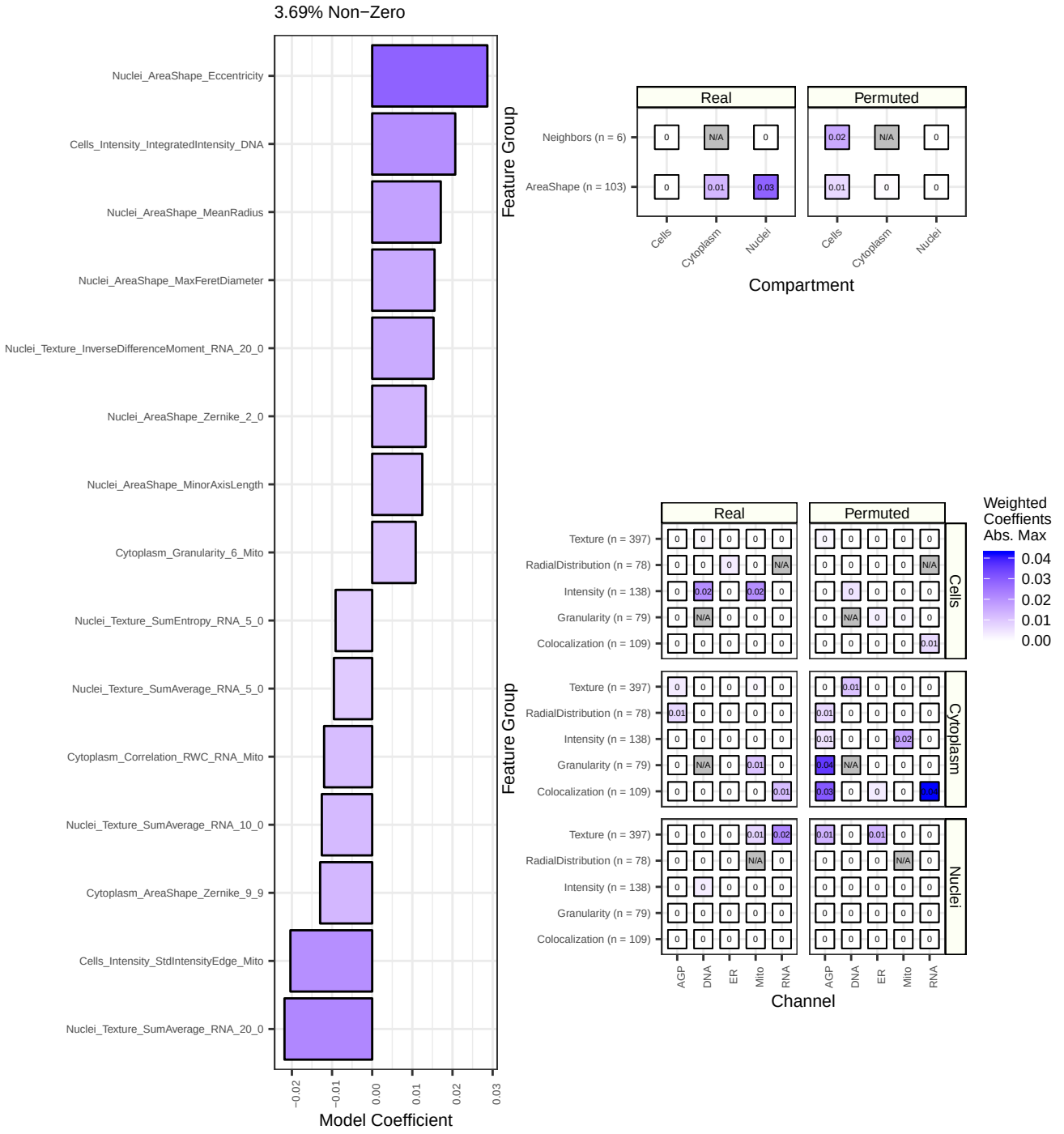
early M − # cells



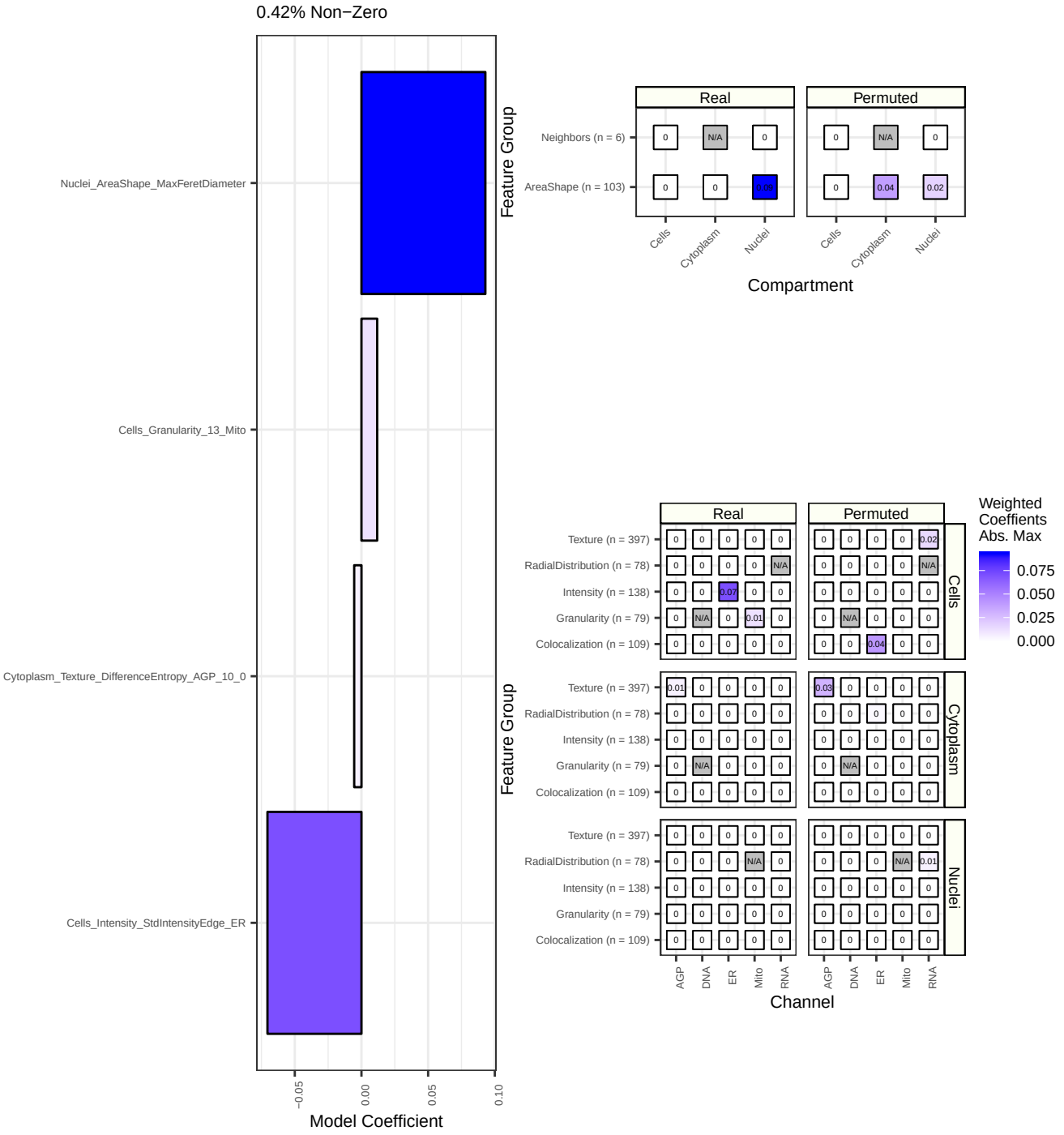
early M − # of gH2AX Spots



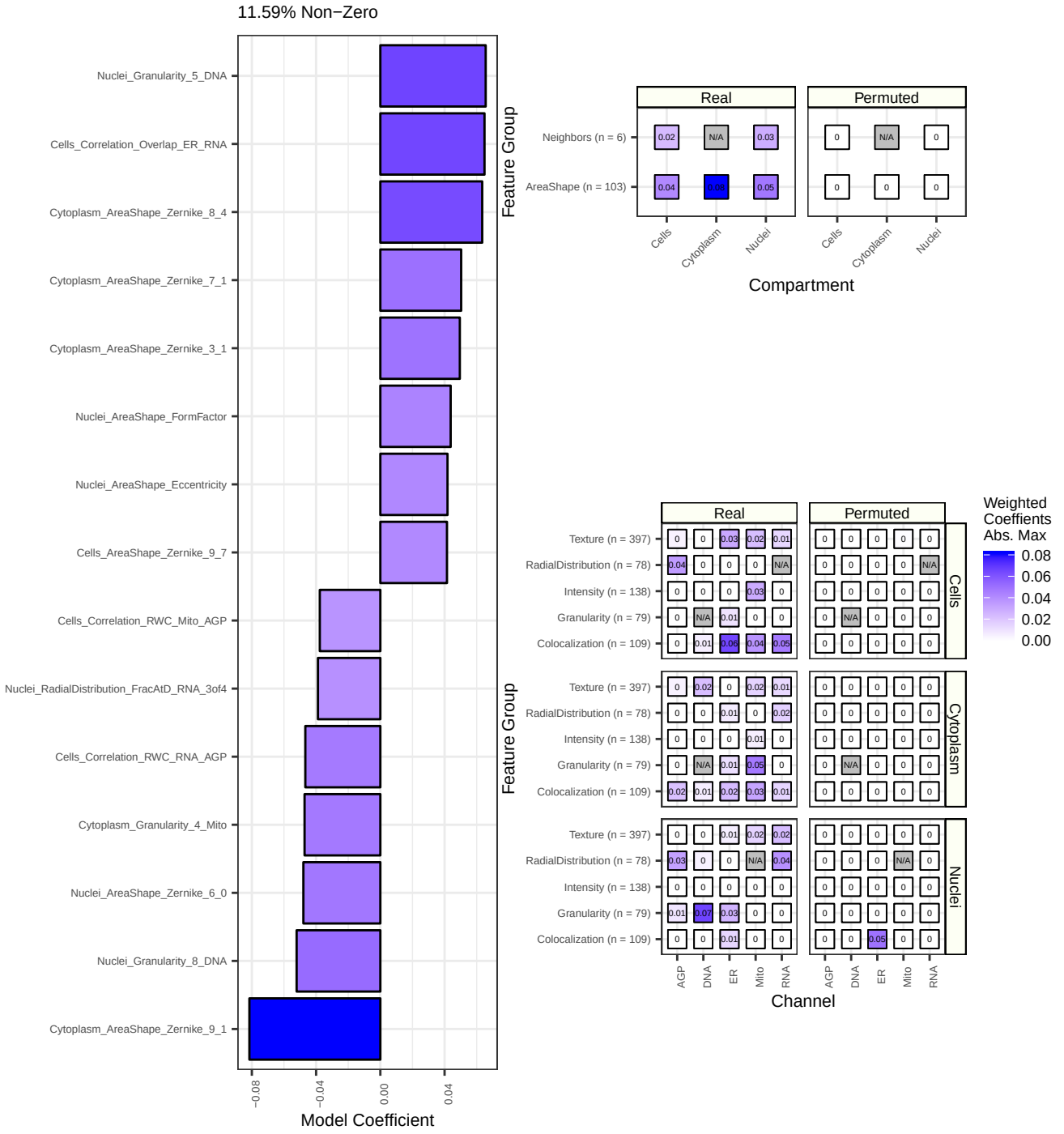
early M − # of gH2AX Spots per Area of Nucleus



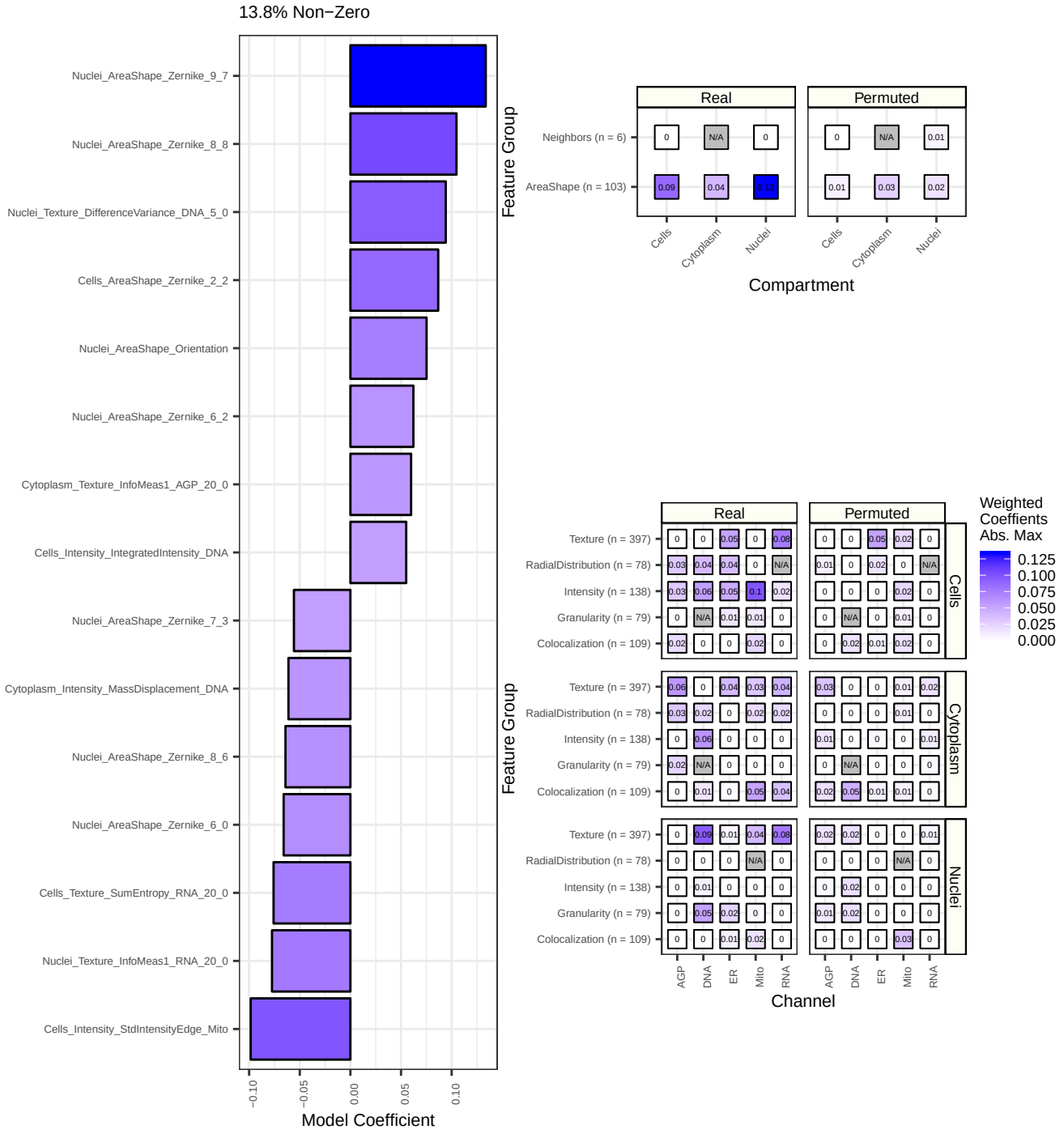
G1 − % High gH2AX Spots



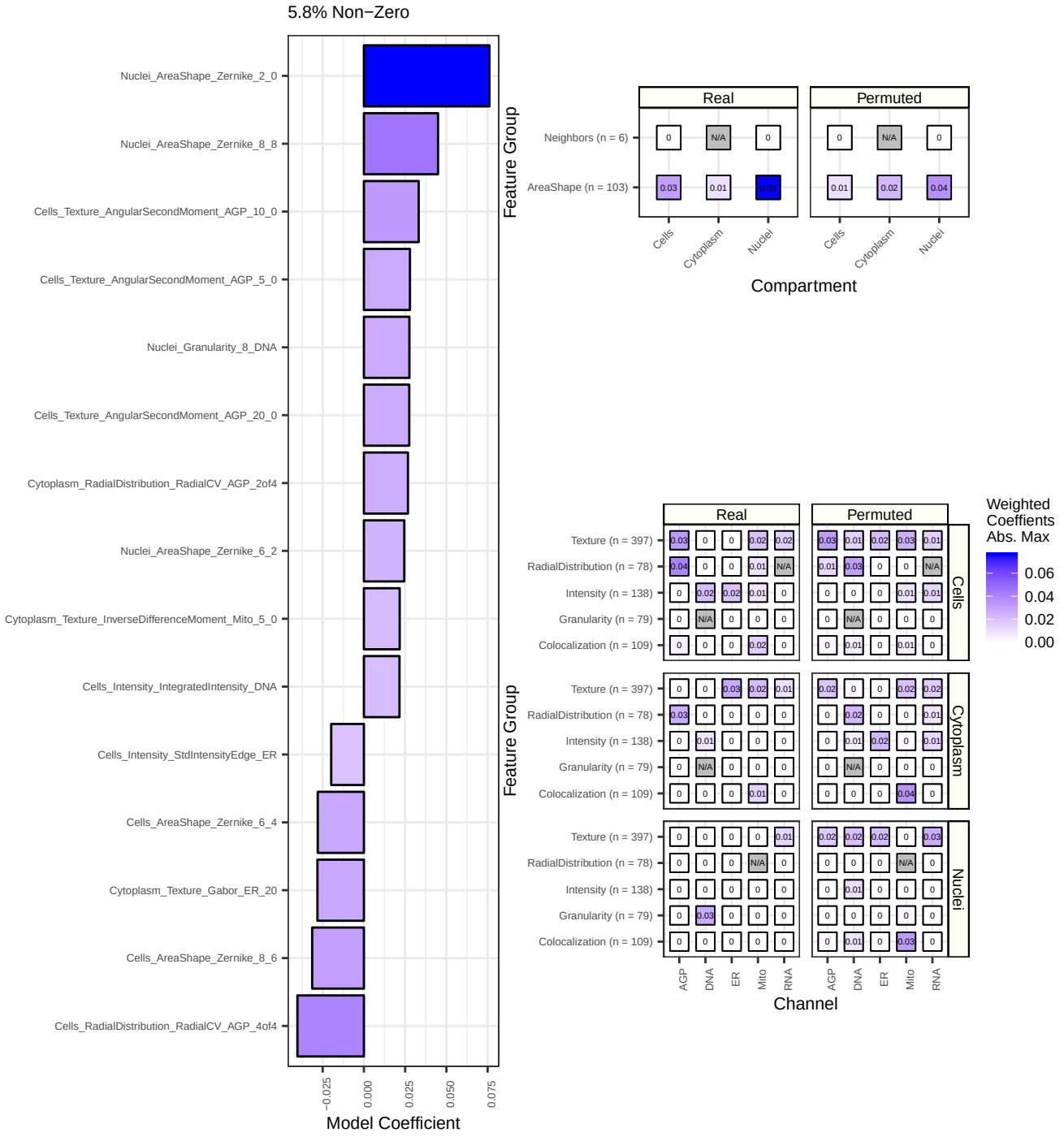
G1 − # cells


11.59% Non−Zero
Nuclei_Granularity_5_DNA
Cells_Correlation_Overlap_ER_RNA
Cytoplasm_AreaShape_Zernike_8_4
Cytoplasm_AreaShape_Zernike_7_1
Cytoplasm_AreaShape_Zernike_3_1
Nuclei_AreaShape_FormFactor
Nuclei_AreaShape_Eccentricity
Cells_AreaShape_Zernike_9_7
Cells_Correlation_RWC_Mito_AGP
Nuclei_RadialDistribution_FracAtD_RNA_3of4
Cells_Correlation_RWC_RNA_AGP
Cytoplasm_Granularity_4_Mito
Nuclei_AreaShape_Zernike_6_0
Nuclei_Granularity_8_DNA
Cytoplasm_AreaShape_Zernike_9_1
−0.08
−0.04
0.00
0.04
Model Coefficient
Feature Group
Real
Permuted
Neighbors (n = 6)
AreaShape (n = 103)
Cells
Cytoplasm
Nuclei
Compartment
Texture (n = 397)
RadialDistribution (n = 78)
Intensity (n = 138)
Granularity (n = 79)
Colocalization (n = 109)
AGP
DNA
ER
Mito
RNA
Channel
Weighted Coeffients Abs. Max
0.08
0.06
0.04
0.02
0.00

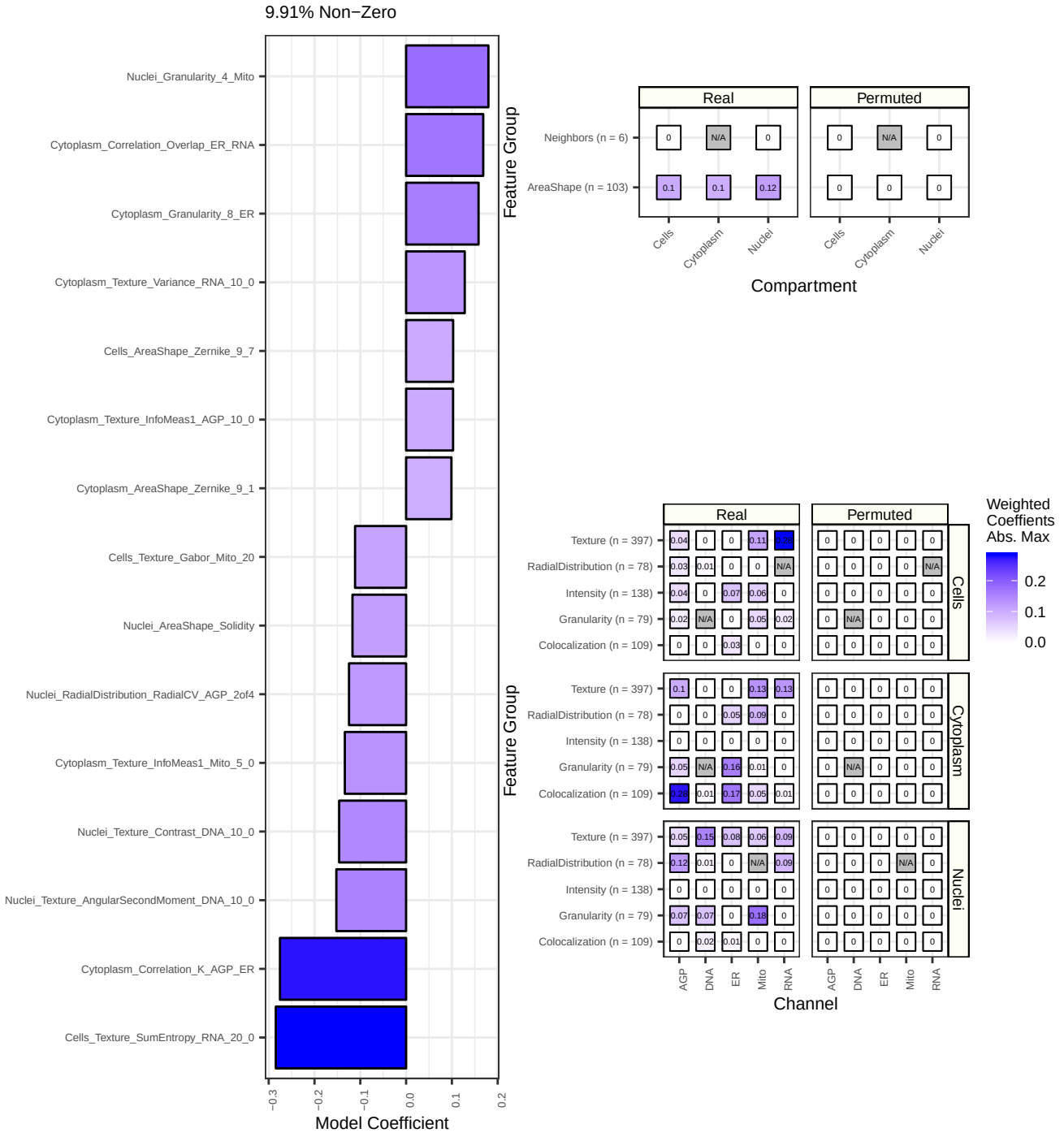
G1 − # of gH2AX Spots



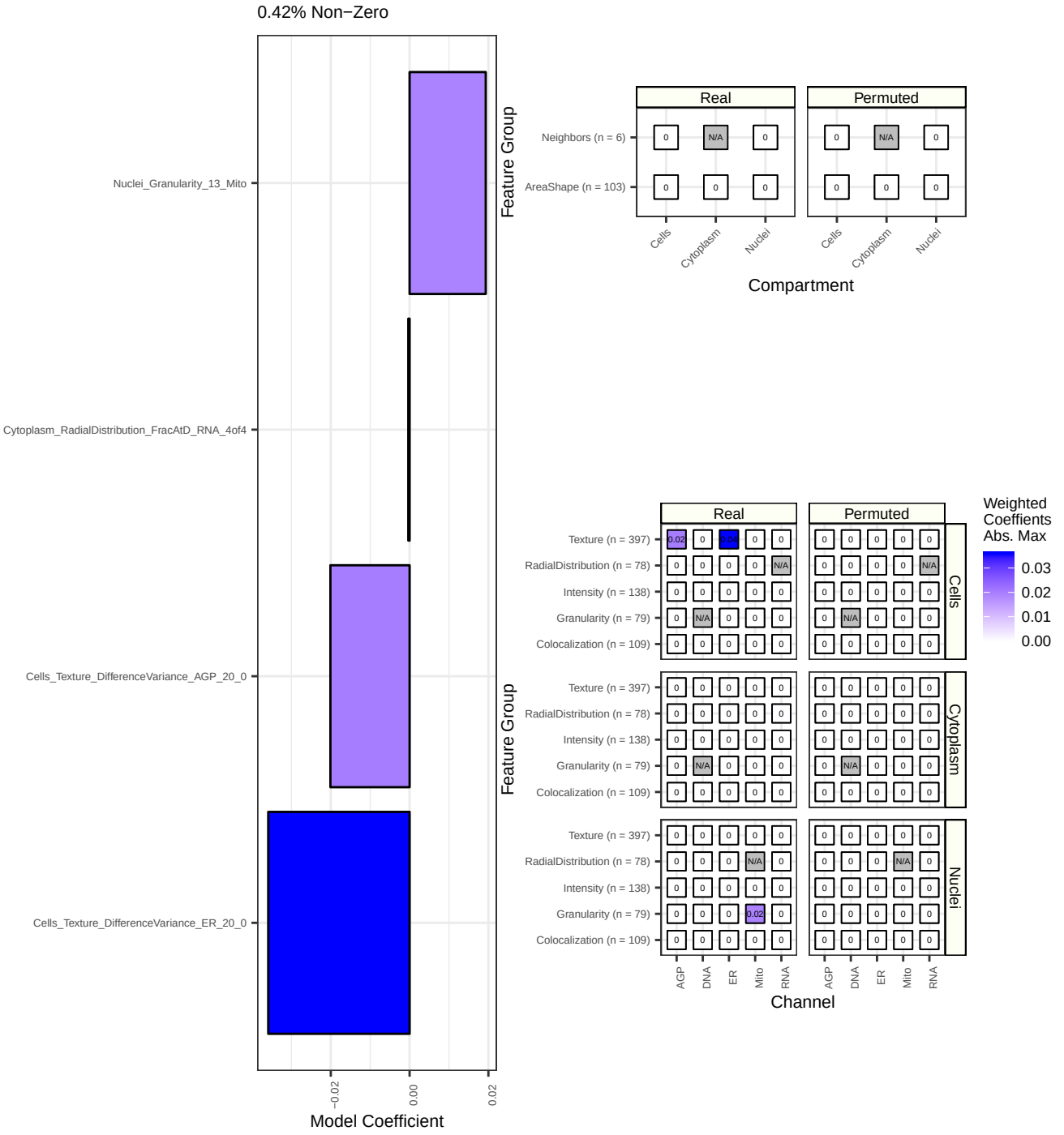
G1 − # of gH2AX Spots per Area of Nucleus



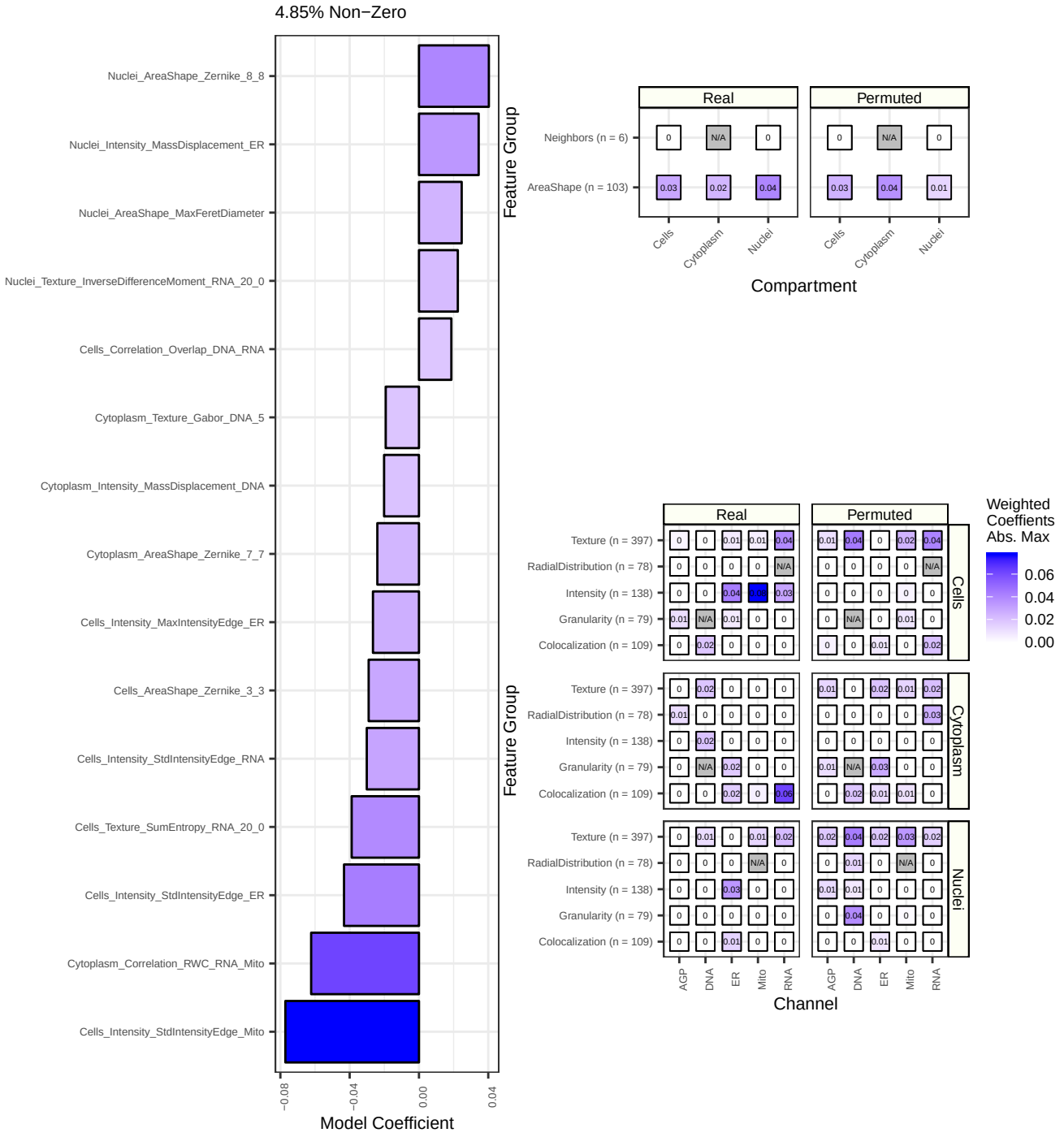
Cell Count − G1+G2



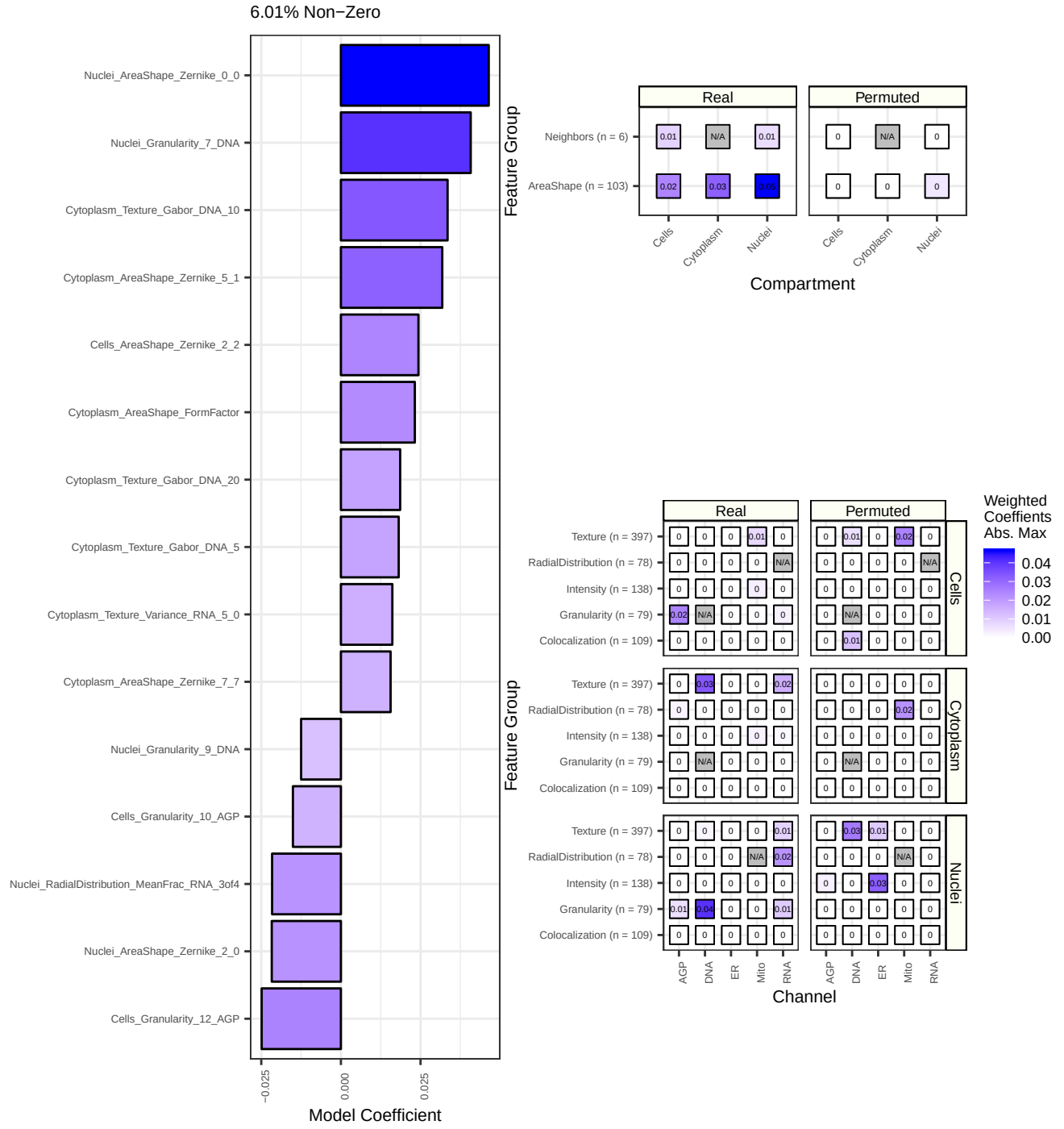
Cell Count − G2/G1



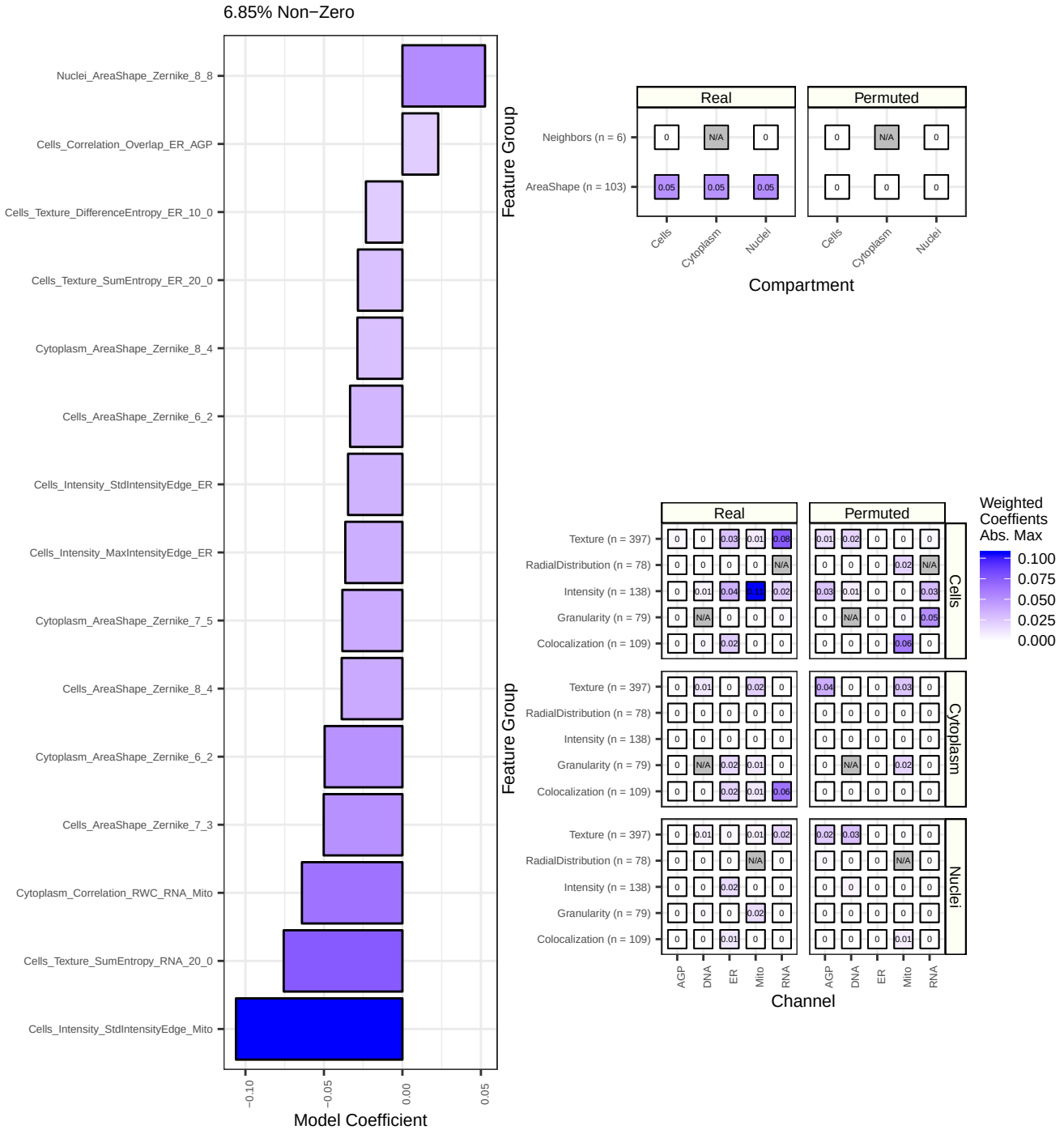
G2 − % High gH2AX Spots



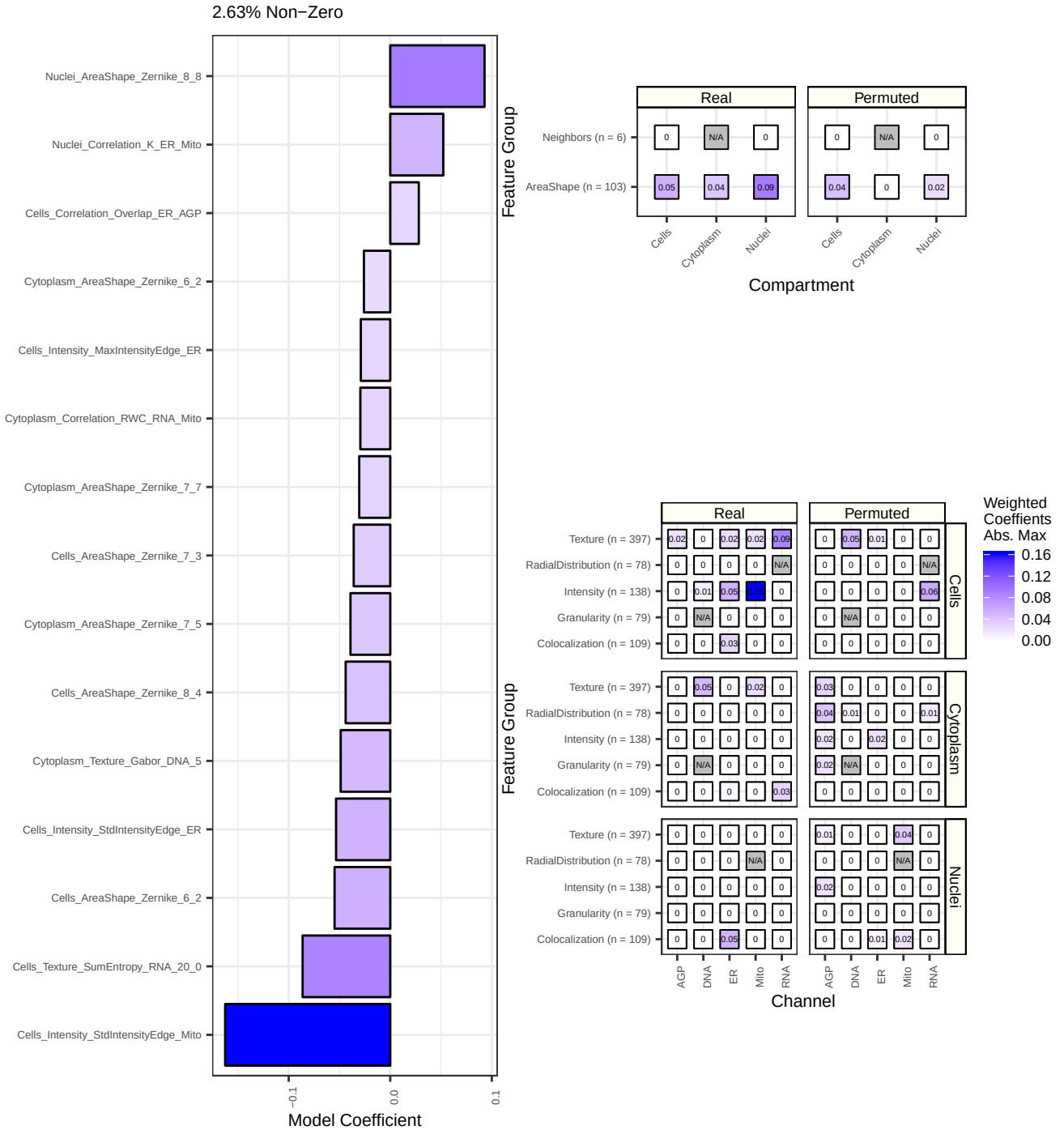
G2 − # cells


6.01% Non−Zero
Nuclei_AreaShape_Zernike_0_0
Nuclei_Granularity_7_DNA
Cytoplasm_Texture_Gabor_DNA_10
Cytoplasm_AreaShape_Zernike_5_1
Cells_AreaShape_Zernike_2_2
Cytoplasm_AreaShape_FormFactor
Cytoplasm_Texture_Gabor_DNA_20
Cytoplasm_Texture_Gabor_DNA_5
Cytoplasm_Texture_Variance_RNA_5_0
Cytoplasm_AreaShape_Zernike_7_7
Nuclei_Granularity_9_DNA
Cells_Granularity_10_AGP
Nuclei_RadialDistribution_MeanFrac_RNA_3of4
Nuclei_AreaShape_Zernike_2_0
Cells_Granularity_12_AGP
−0.025
0.000
0.025
Model Coefficient
Feature Group
Real
Permuted
Neighbors (n = 6)
AreaShape (n = 103)
Cells
Cytoplasm
Nuclei
Compartment
Texture (n = 397)
RadialDistribution (n = 78)
Intensity (n = 138)
Granularity (n = 79)
Colocalization (n = 109)
AGP
DNA
ER
Mito
RNA
Channel
Weighted Coeffients Abs. Max
0.04
0.03
0.02
0.01
0.00

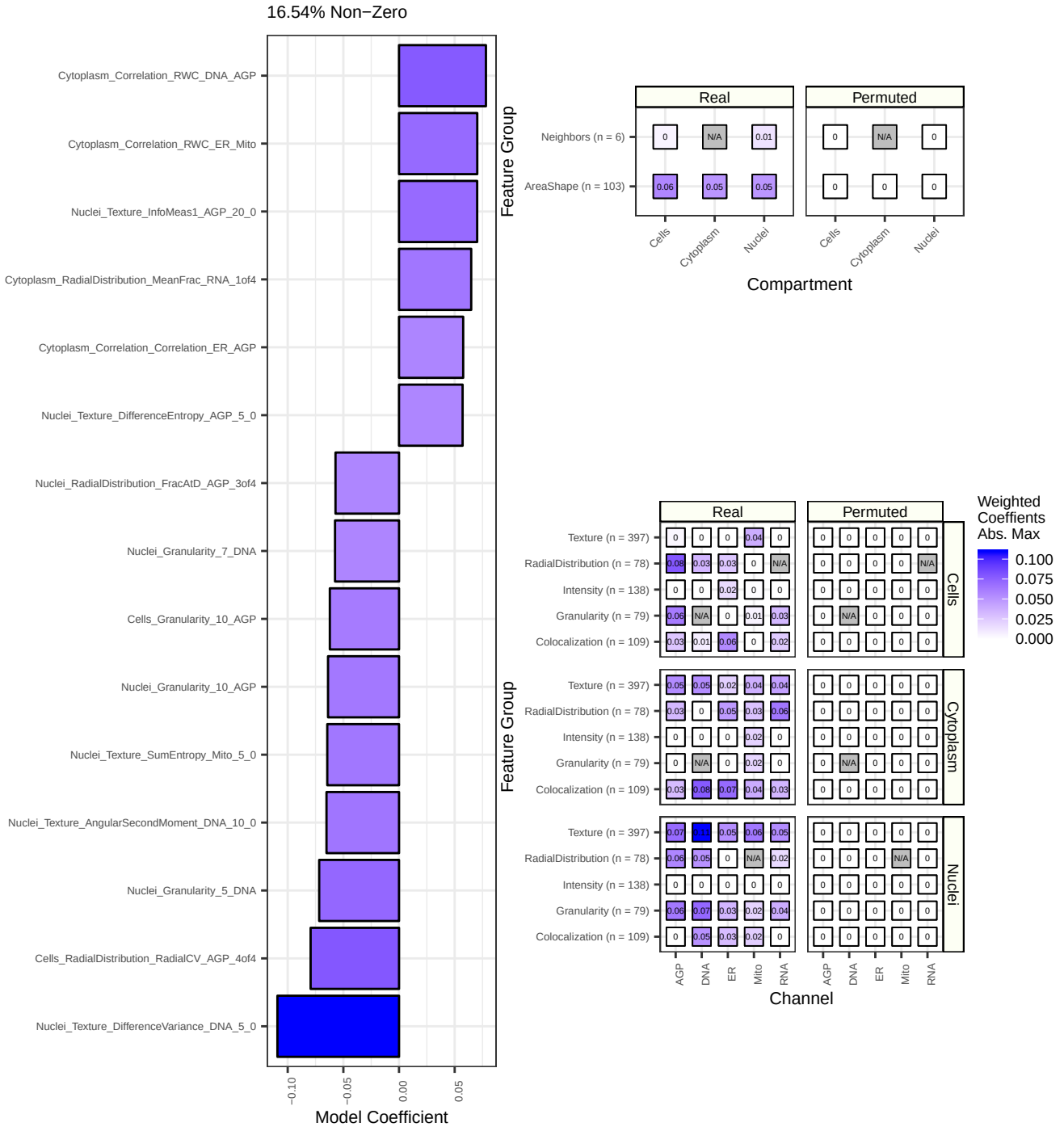
G2 − # of gH2AX Spots



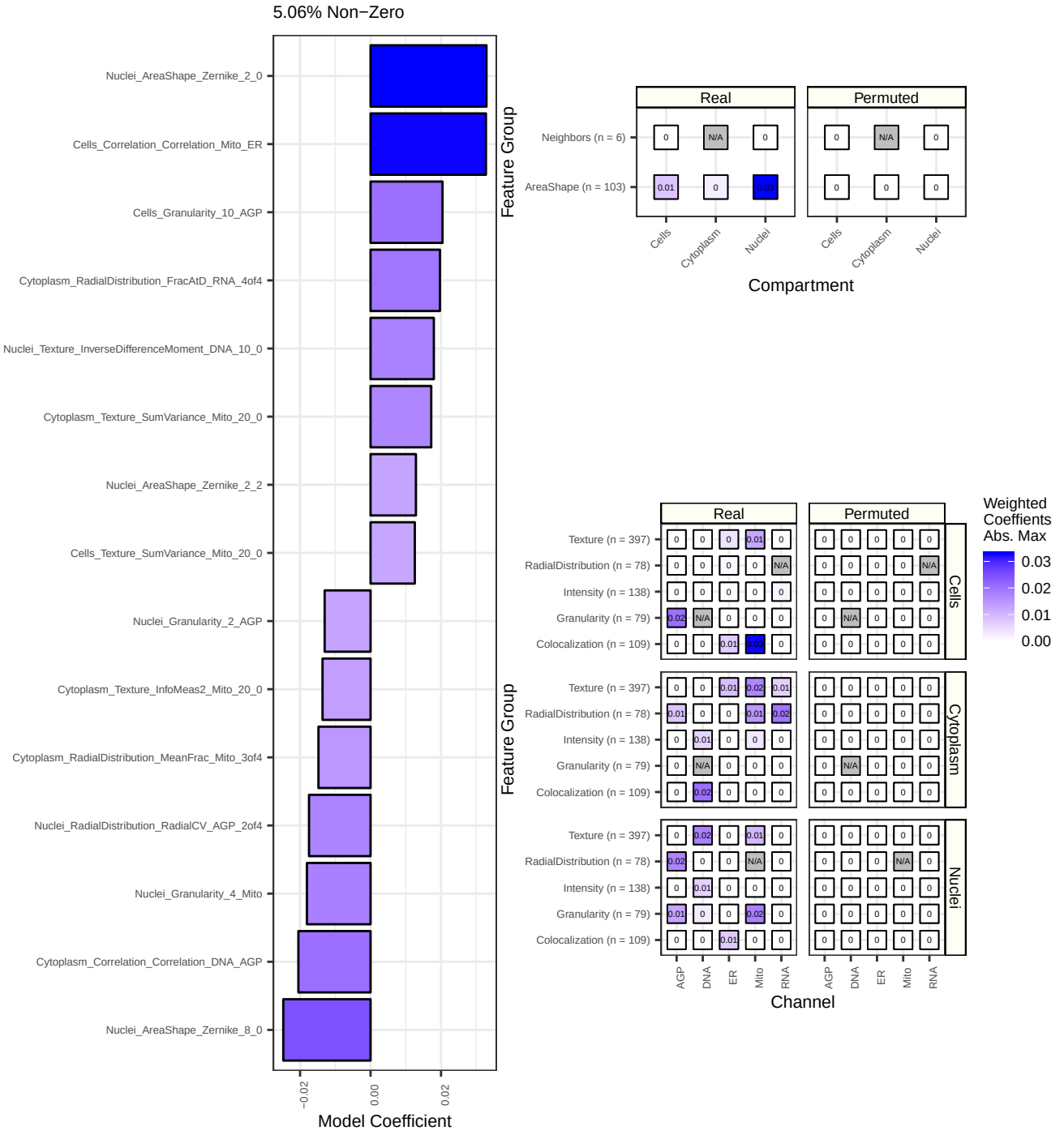
G2 − # of gH2AX Spots per Area of Nucleus



Cell Count − G2 + M



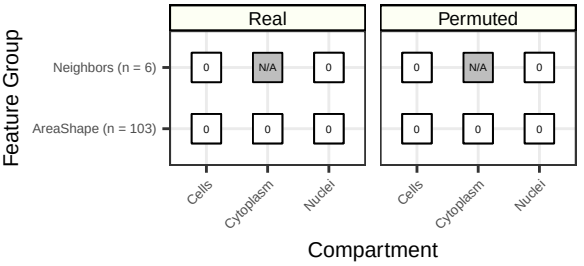
CC − Infection Efficiency

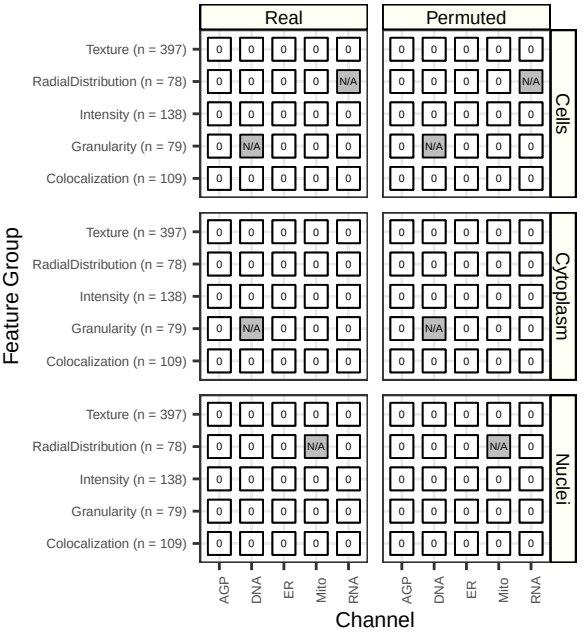


Late M − % High gH2AX Spots

0% Non−Zero

Model Coefficient

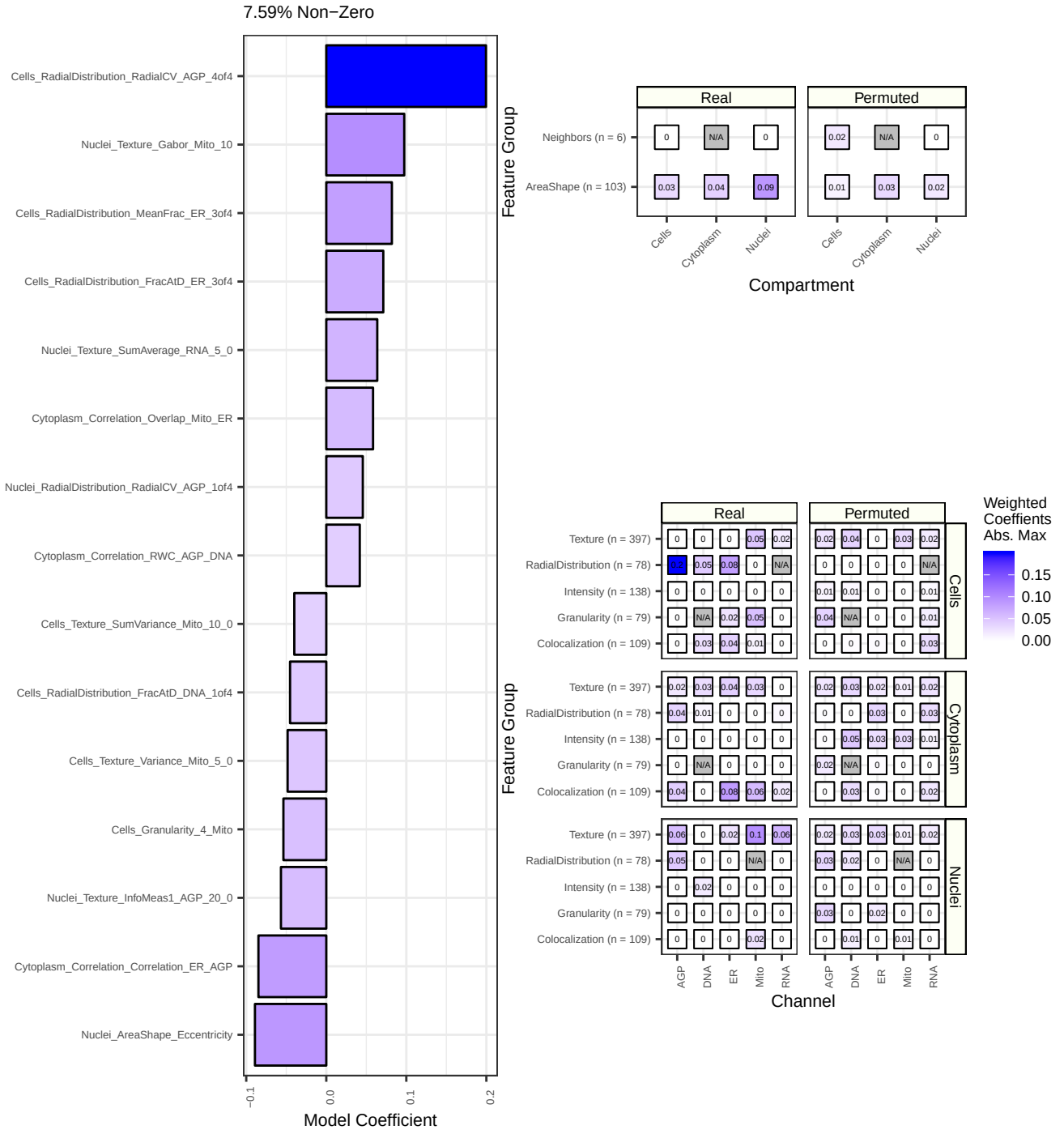




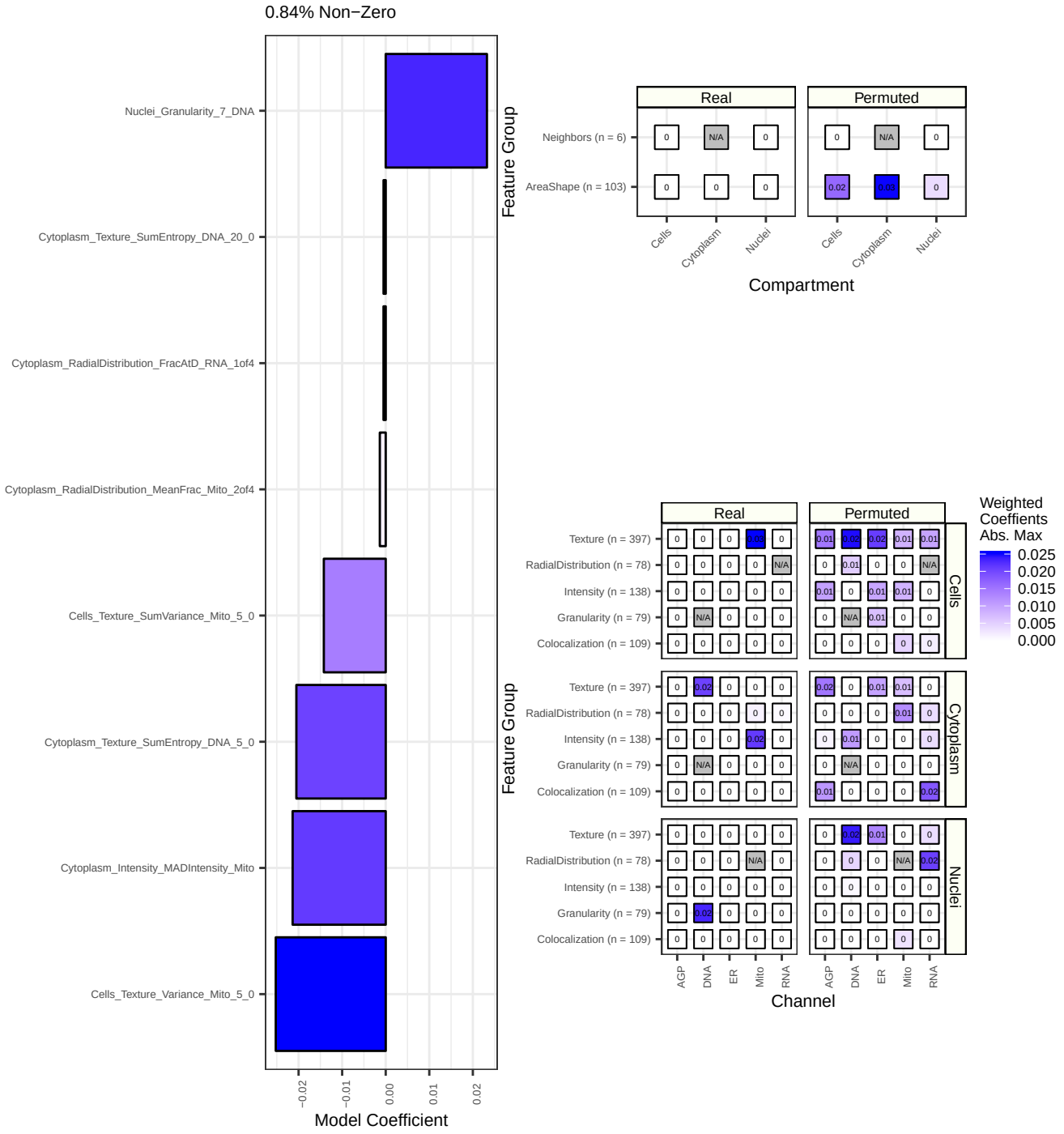
Weighted Coeffients Abs. Max

0

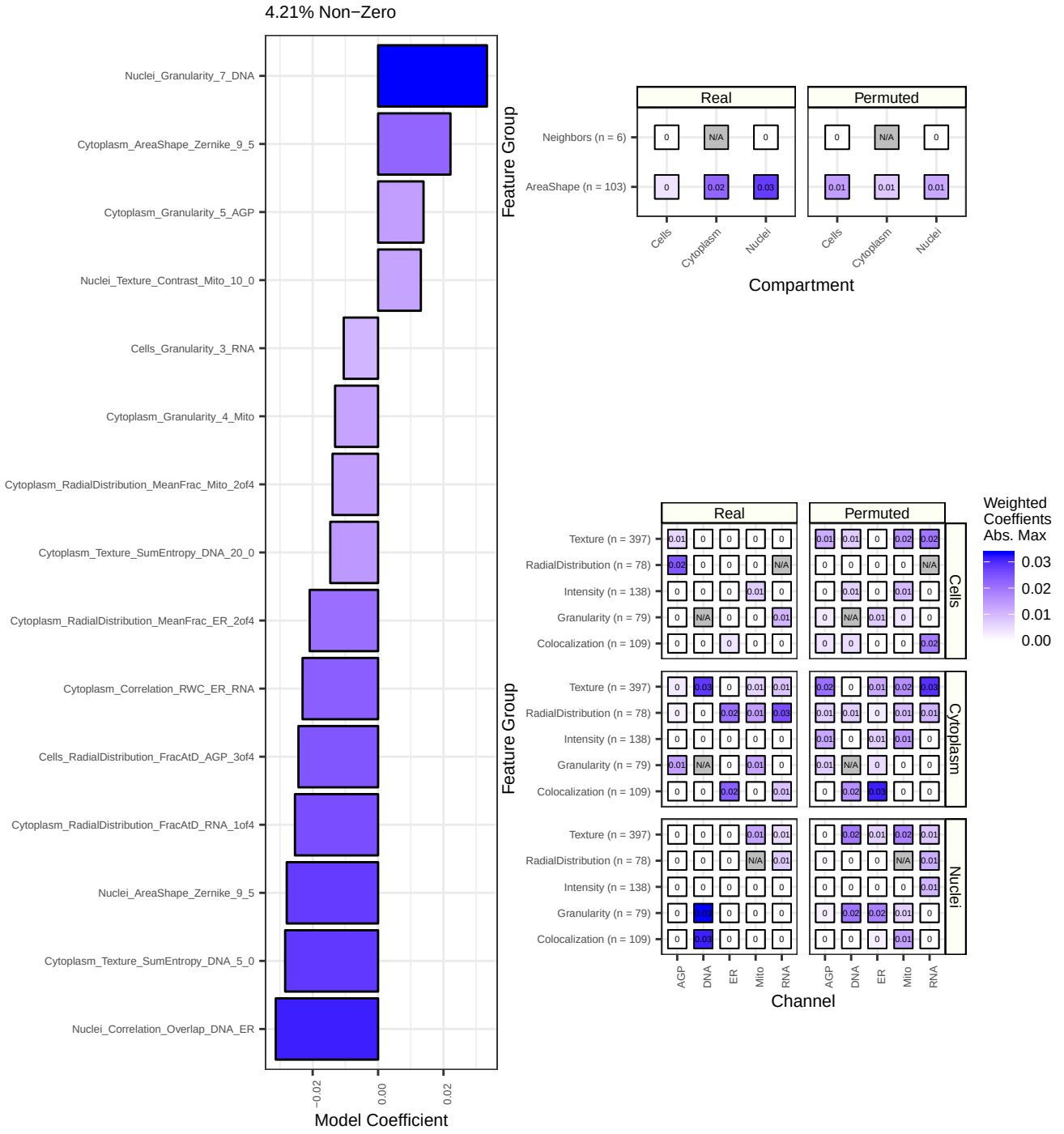
Late M − # cells


7.59% Non−Zero
Cells_RadialDistribution_RadialCV_AGP_4of4
Nuclei_Texture_Gabor_Mito_10
Cells_RadialDistribution_MeanFrac_ER_3of4
Cells_RadialDistribution_FracAtD_ER_3of4
Nuclei_Texture_SumAverage_RNA_5_0
Cytoplasm_Correlation_Overlap_Mito_ER
Nuclei_RadialDistribution_RadialCV_AGP_1of4
Cytoplasm_Correlation_RWC_AGP_DNA
Cells_Texture_SumVariance_Mito_10_0
Cells_RadialDistribution_FracAtD_DNA_1of4
Cells_Texture_Variance_Mito_5_0
Cells_Granularity_4_Mito
Nuclei_Texture_InfoMeas1_AGP_20_0
Cytoplasm_Correlation_Correlation_ER_AGP
Nuclei_AreaShape_Eccentricity
−0.1
0.0
0.1
0.2
Model Coefficient
Feature Group
Real
Permuted
Neighbors (n = 6)
AreaShape (n = 103)
Cells
Cytoplasm
Nuclei
Compartment
Texture (n = 397)
RadialDistribution (n = 78)
Intensity (n = 138)
Granularity (n = 79)
Colocalization (n = 109)
AGP
DNA
ER
Mito
RNA
Channel
Weighted Coeffients Abs. Max
0.15
0.10
0.05
0.00

Late M − # of gH2AX Spots



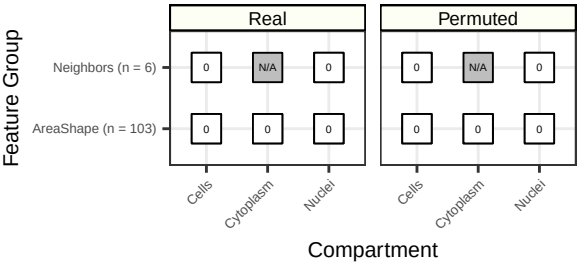
Late M − # of gH2AX Spots per Area of Nucleus

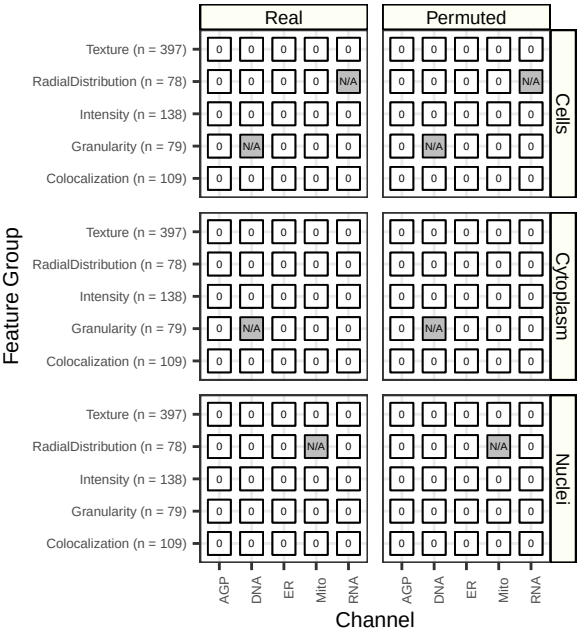


M − % High gH2AX Spots

0% Non−Zero

Model Coefficient

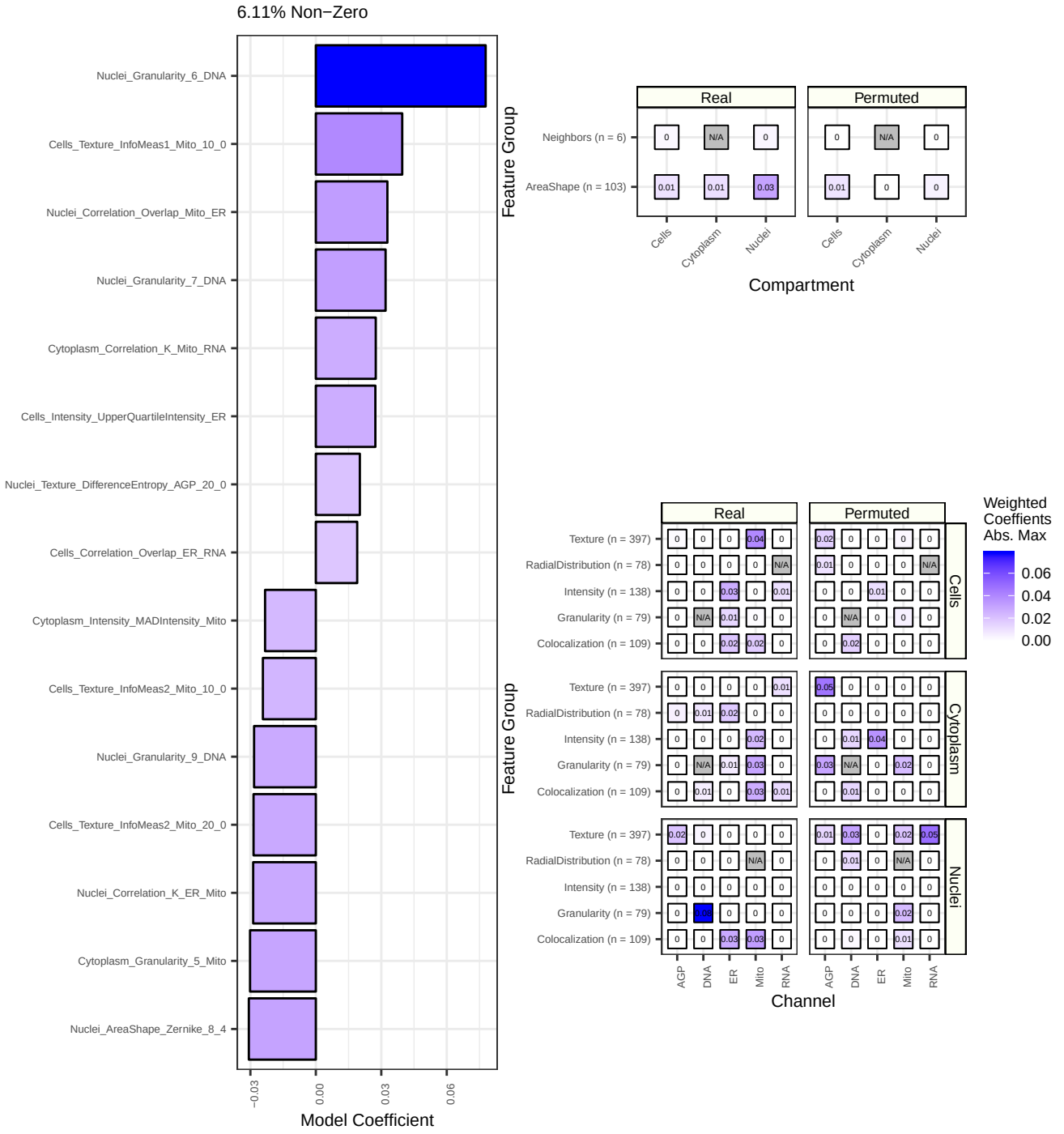




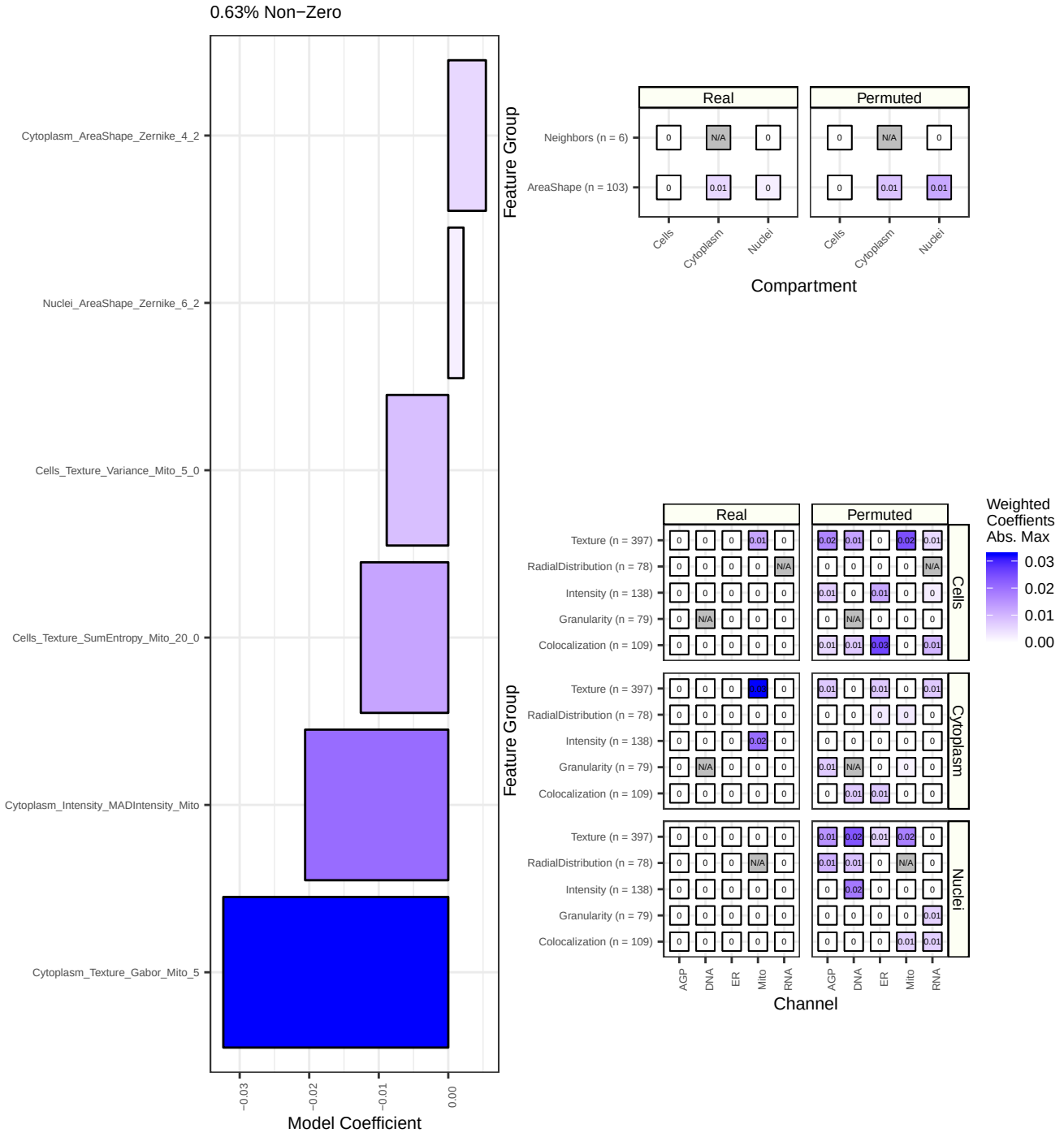
Weighted Coeffients Abs. Max

0

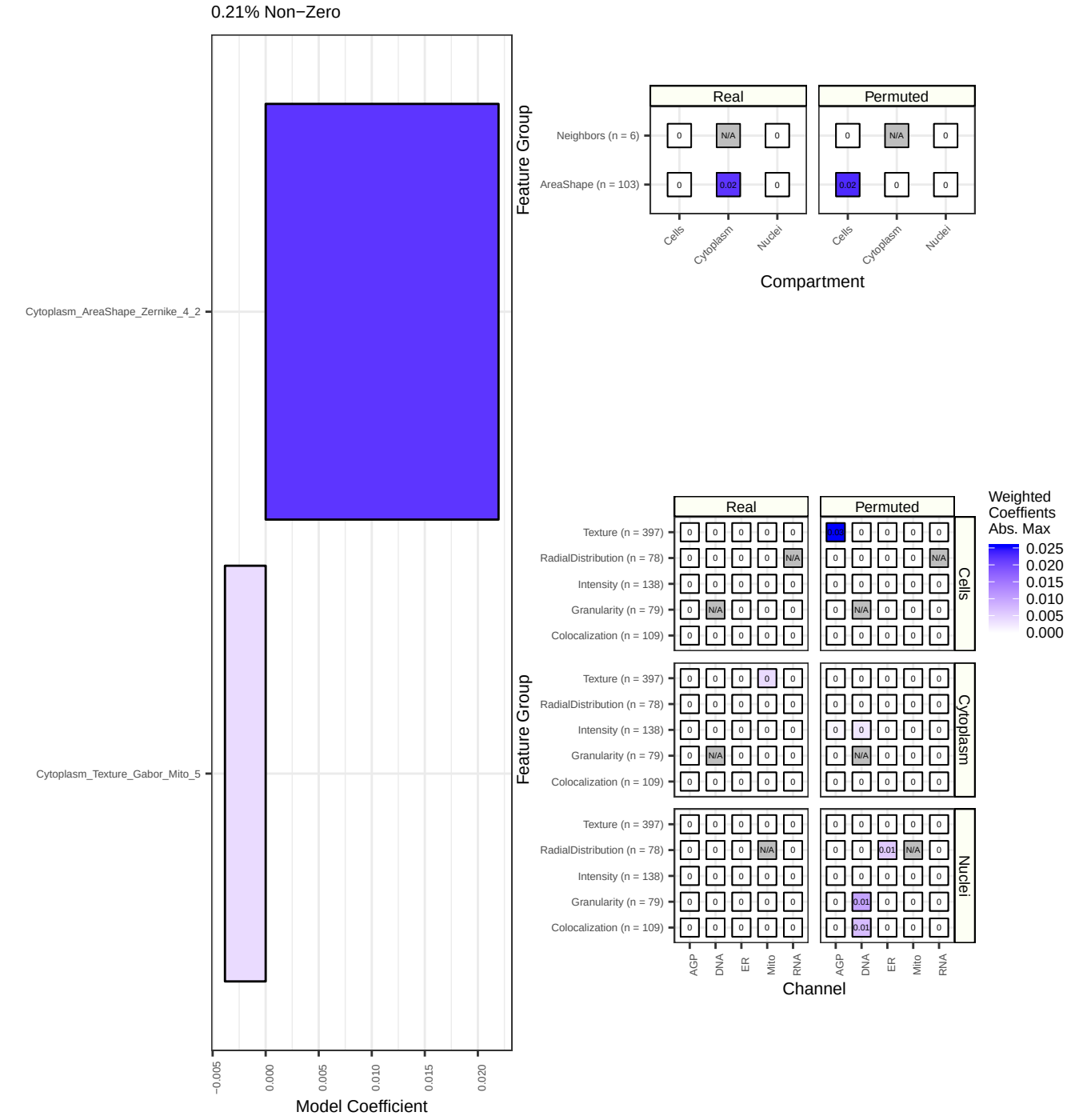
M − # cells


6.11% Non−Zero
Nuclei_Granularity_6_DNA
Cells_Texture_InfoMeas1_Mito_10_0
Nuclei_Correlation_Overlap_Mito_ER
Nuclei_Granularity_7_DNA
Cytoplasm_Correlation_K_Mito_RNA
Cells_Intensity_UpperQuartileIntensity_ER
Nuclei_Texture_DifferenceEntropy_AGP_20_0
Cells_Correlation_Overlap_ER_RNA
Cytoplasm_Intensity_MADIntensity_Mito
Cells_Texture_InfoMeas2_Mito_10_0
Nuclei_Granularity_9_DNA
Cells_Texture_InfoMeas2_Mito_20_0
Nuclei_Correlation_K_ER_Mito
Cytoplasm_Granularity_5_Mito
Nuclei_AreaShape_Zernike_8_4
−0.03
0.00
0.03
0.06
Model Coefficient
Feature Group
Real
Permuted
Neighbors (n = 6)
AreaShape (n = 103)
Cells
Cytoplasm
Nuclei
Compartment
Texture (n = 397)
RadialDistribution (n = 78)
Intensity (n = 138)
Granularity (n = 79)
Colocalization (n = 109)
AGP
DNA
ER
Mito
RNA
Channel
Weighted Coeffients Abs. Max
0.06
0.04
0.02
0.00

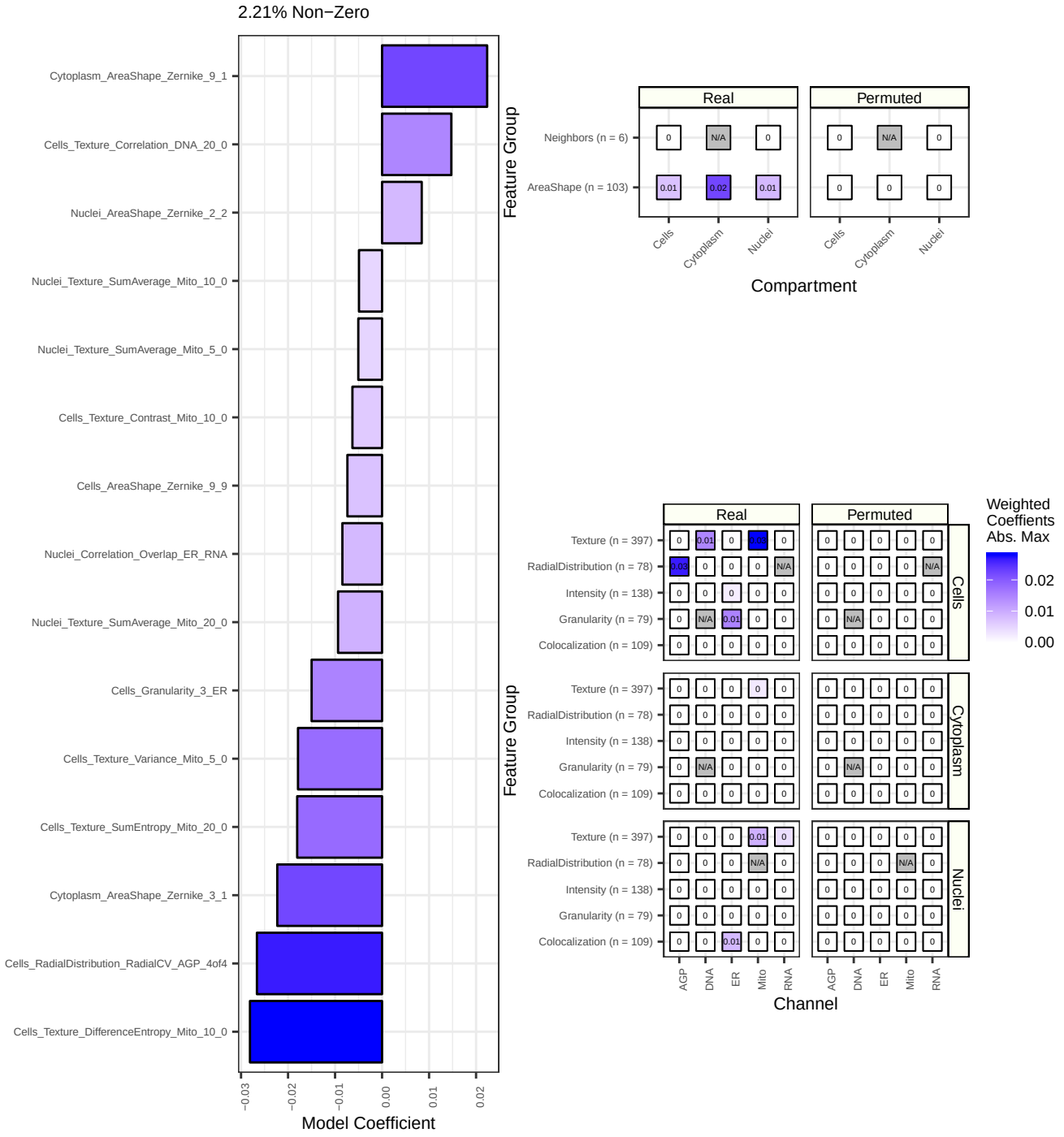
M − # of gH2AX Spots



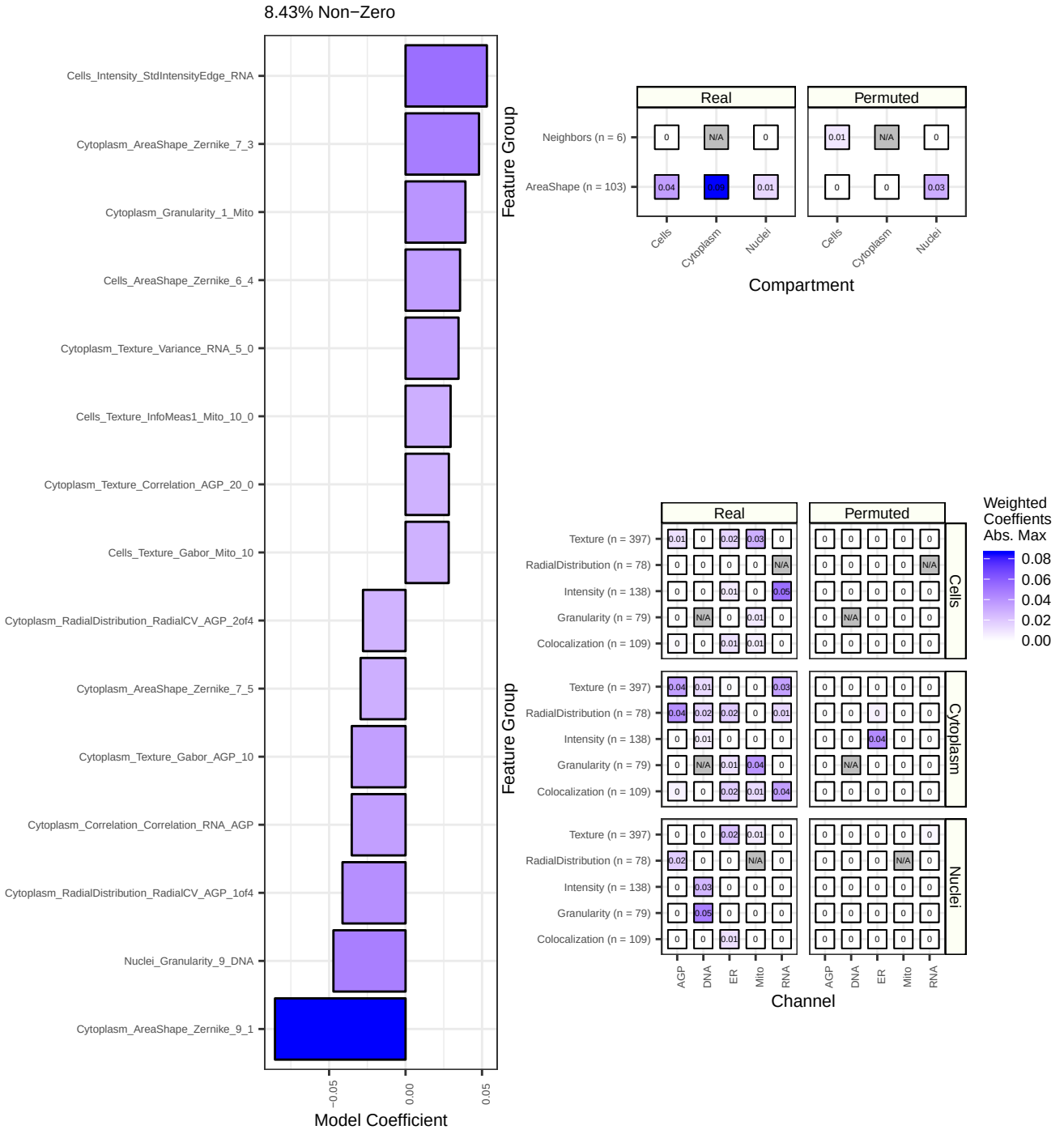
M − # of gH2AX Spots per Area of Nucleus



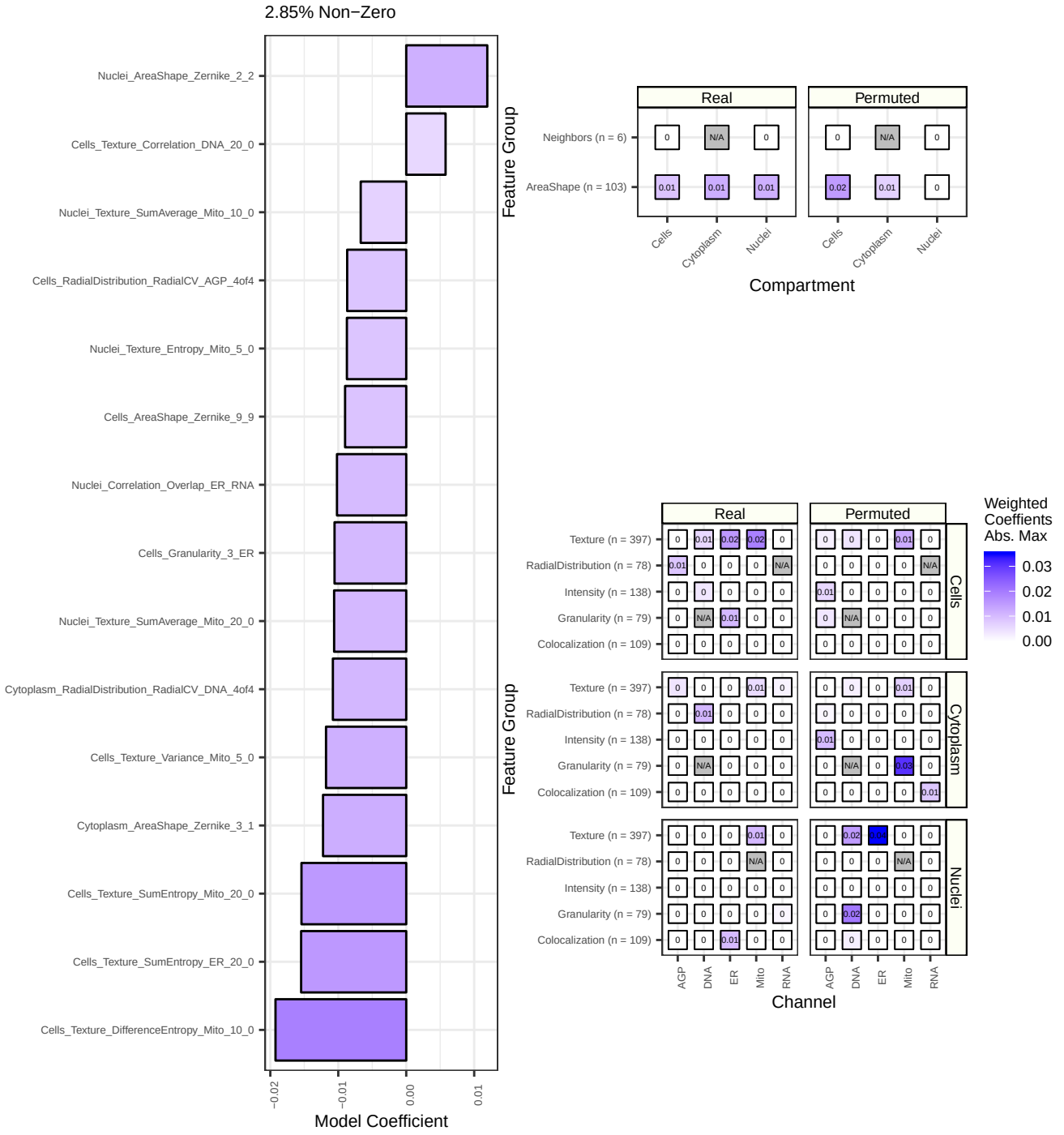
Polynuclear − % High gH2AX Spots



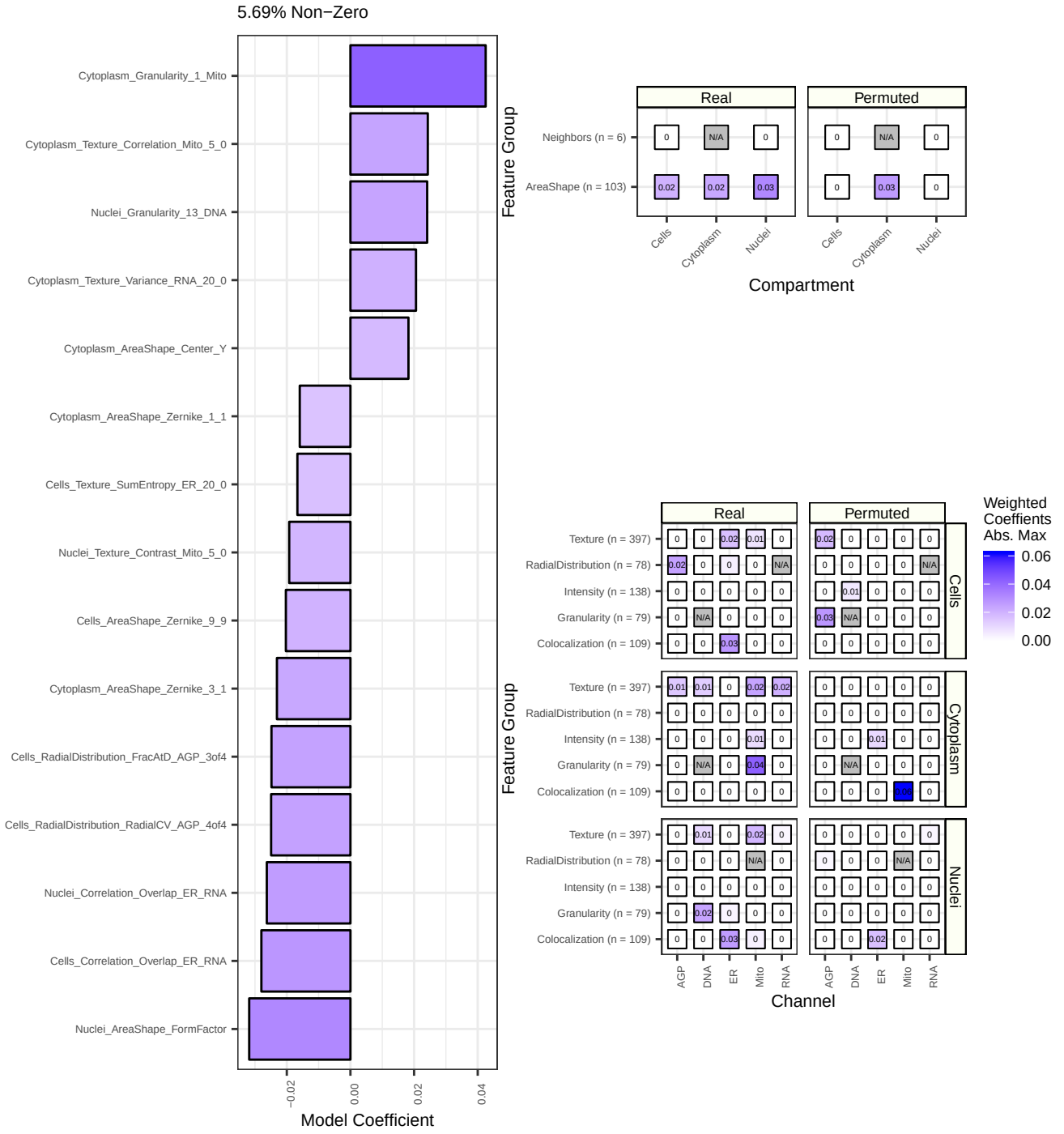
Polynuclear − # cells



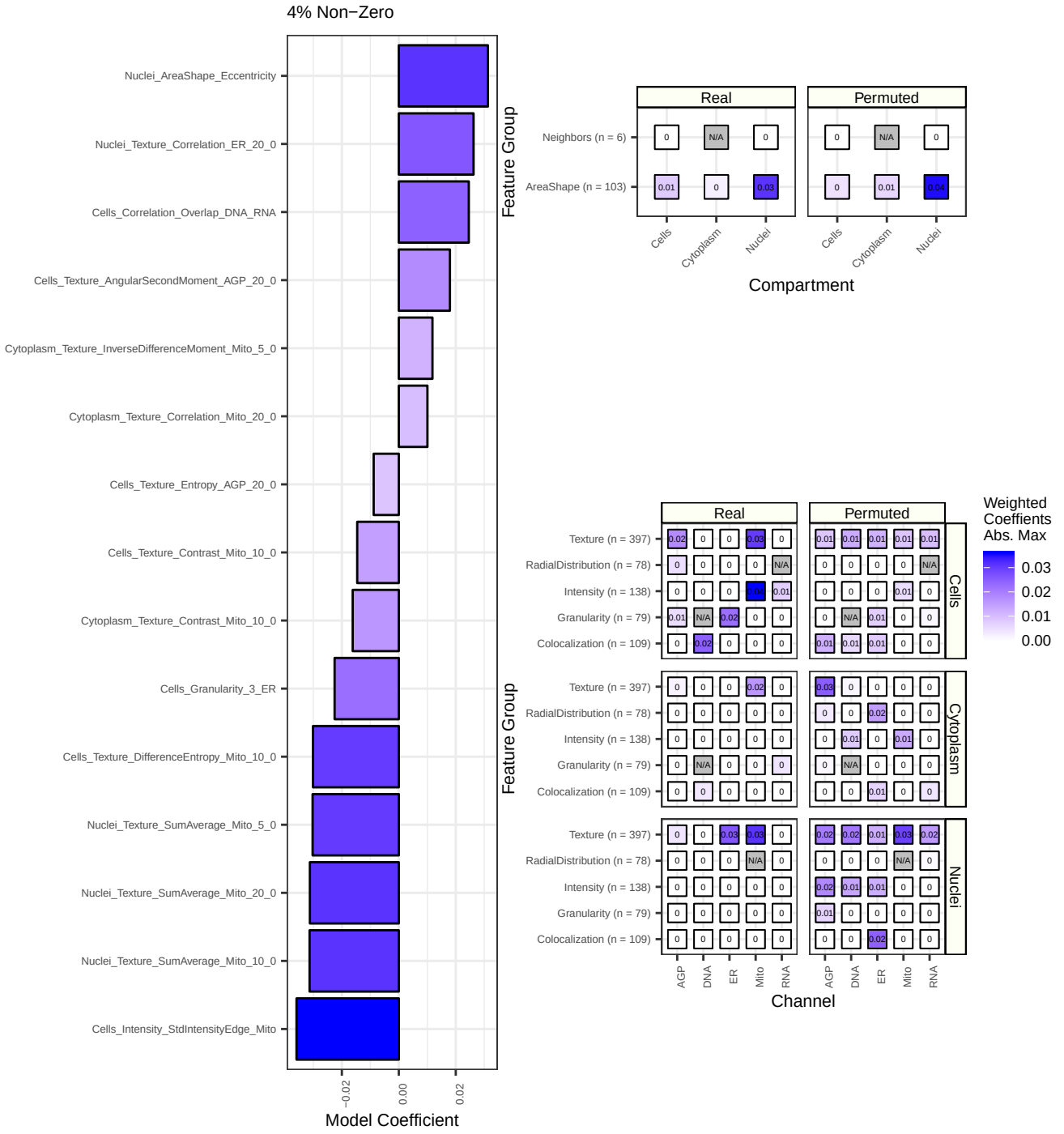
Polynuclear − # of gH2AX Spots



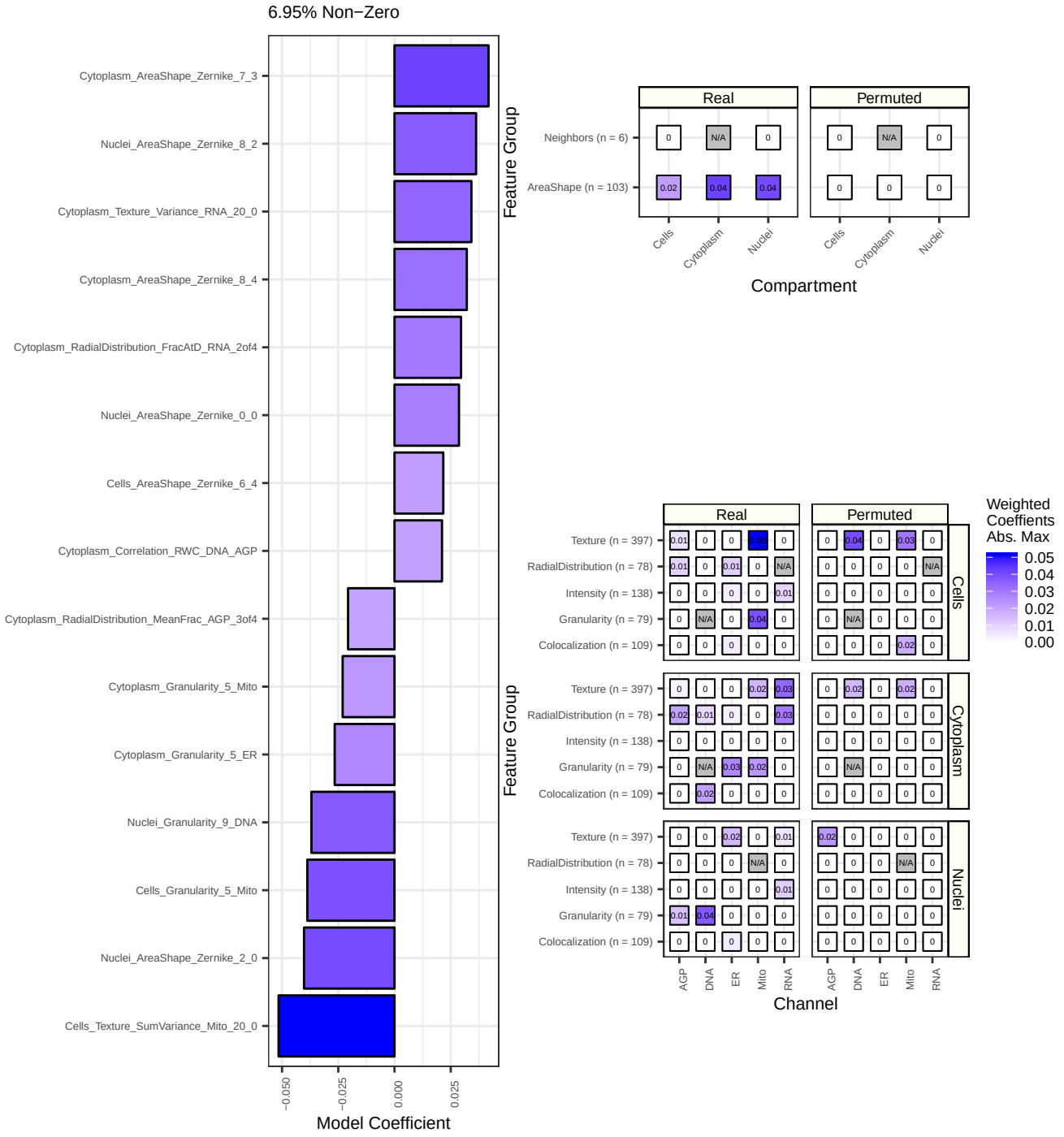
Polynuclear − # of gH2AX Spots per Area of Nucleus



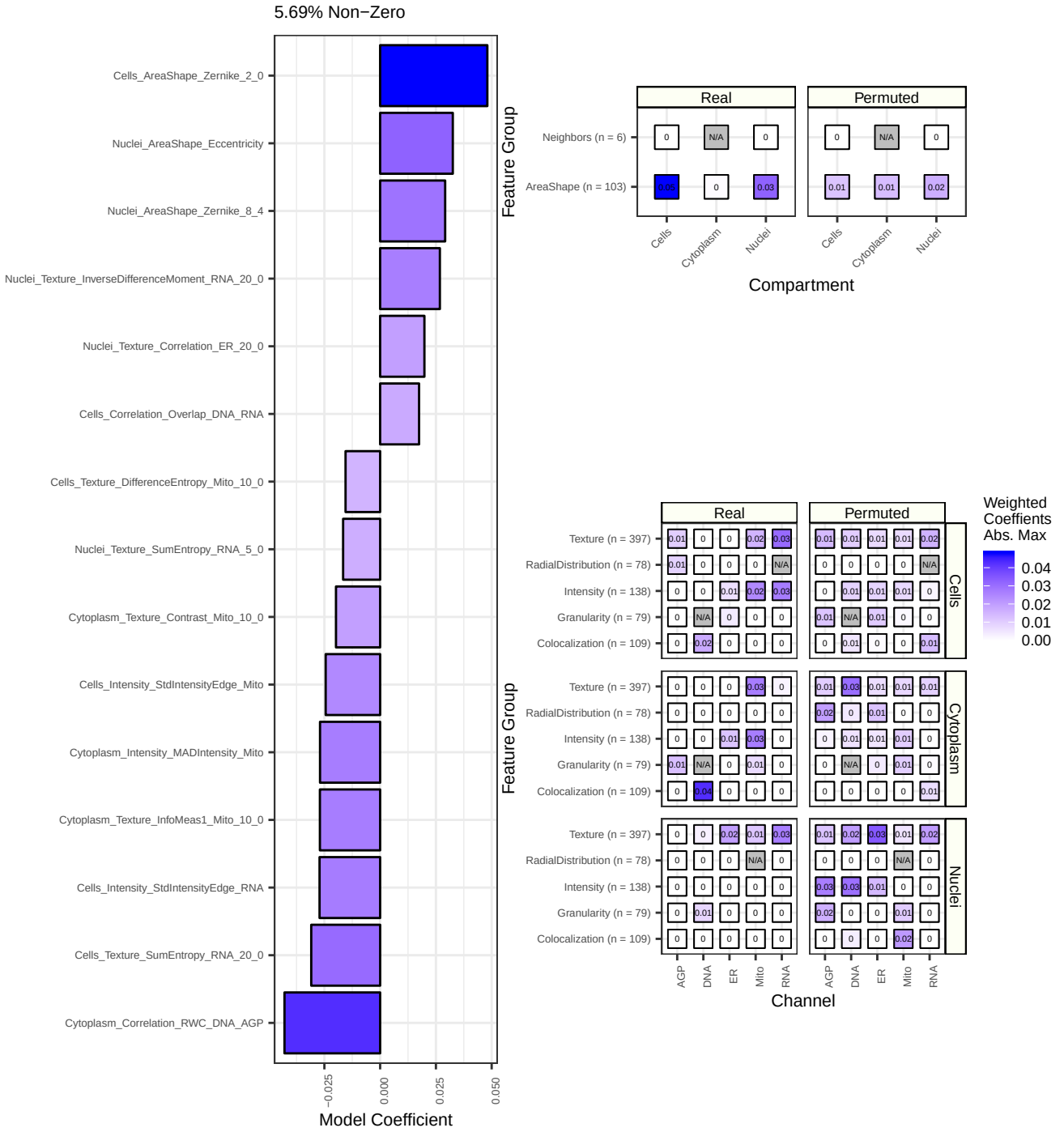
Polyploid − % High gH2AX Spots



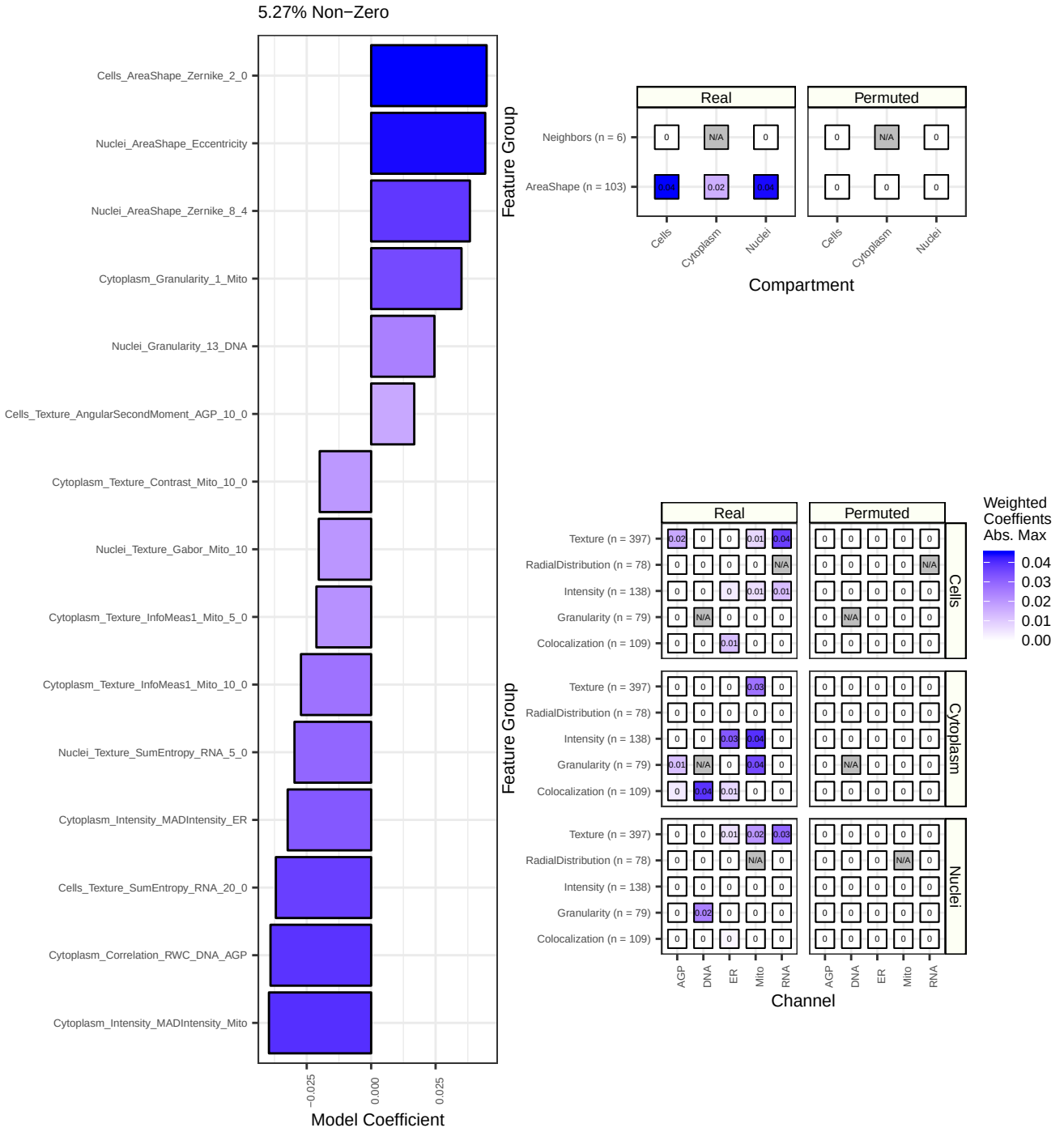
Polyploid − # cells



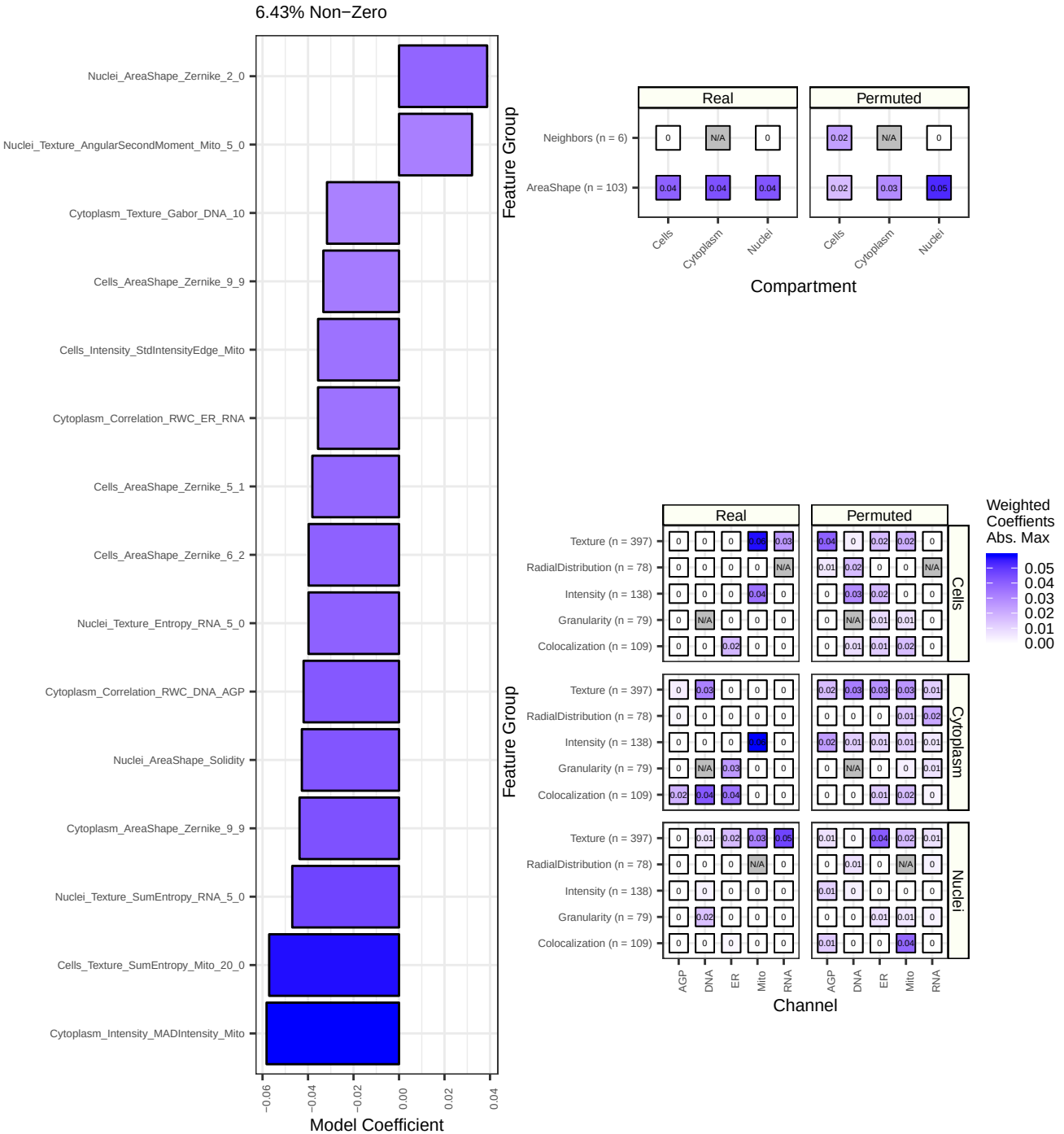
Polyploid − # of gH2AX Spots



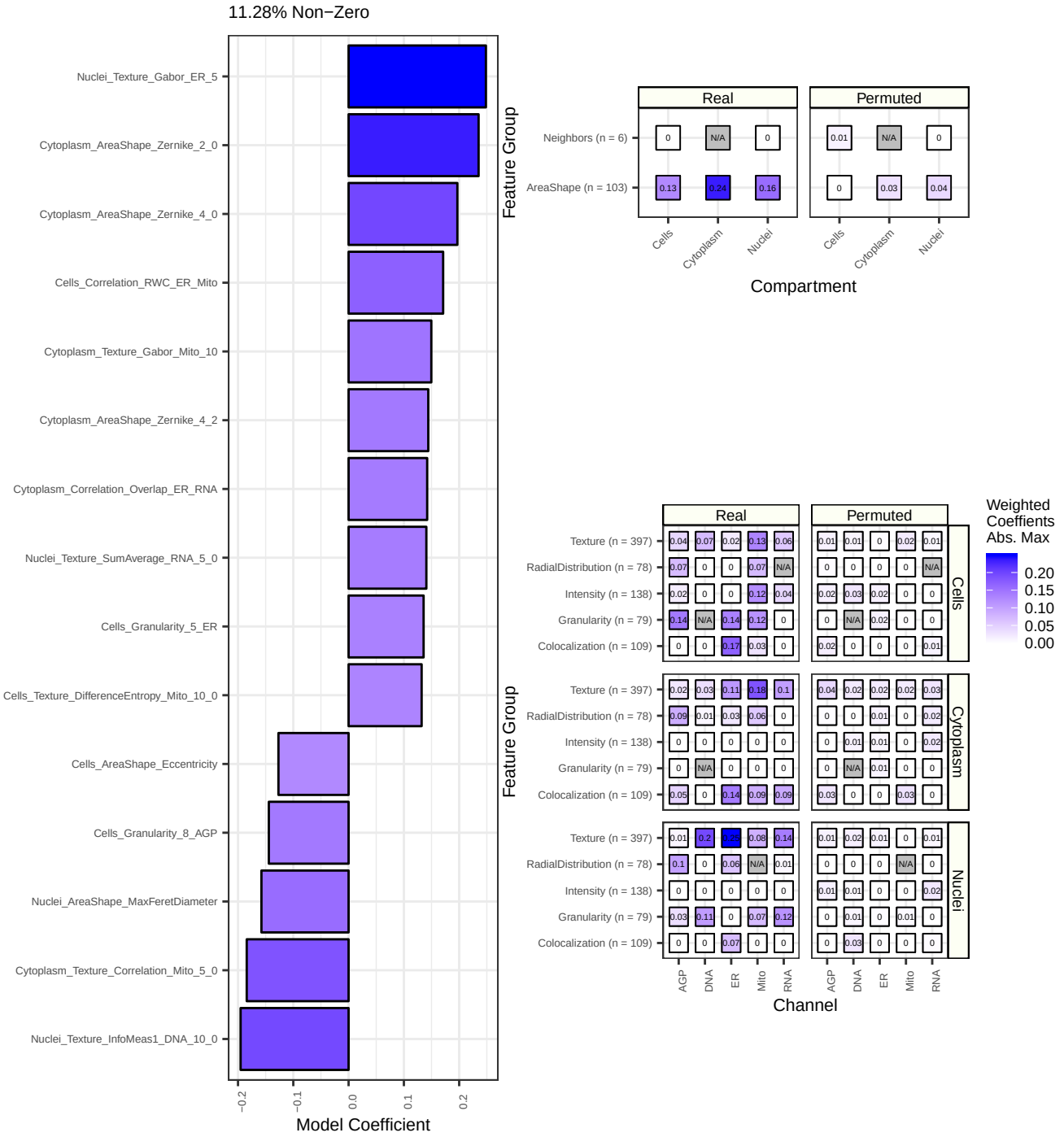
Polyploid − # of gH2AX Spots per Area of Nucleus



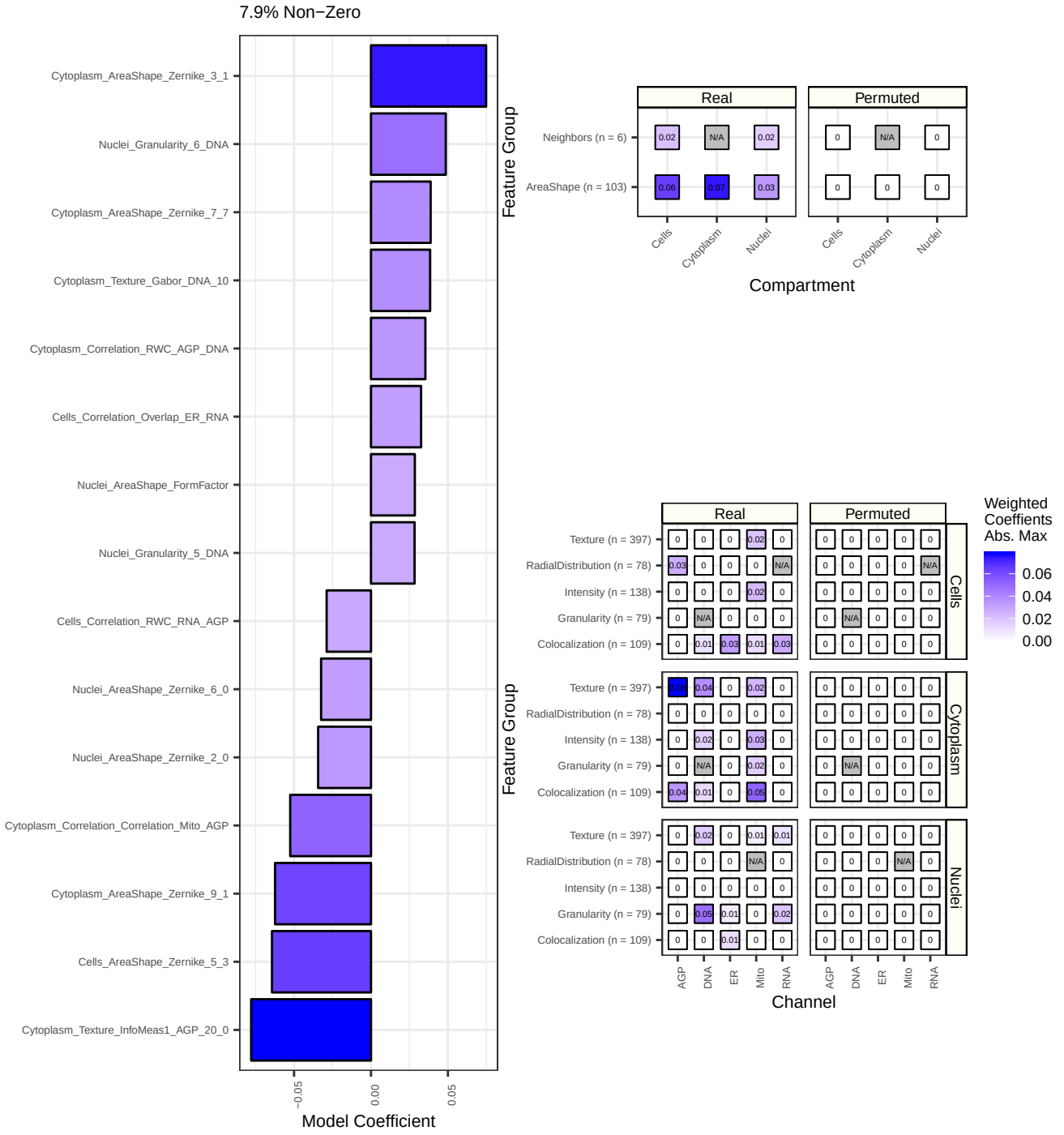
S − % High gH2AX Spots



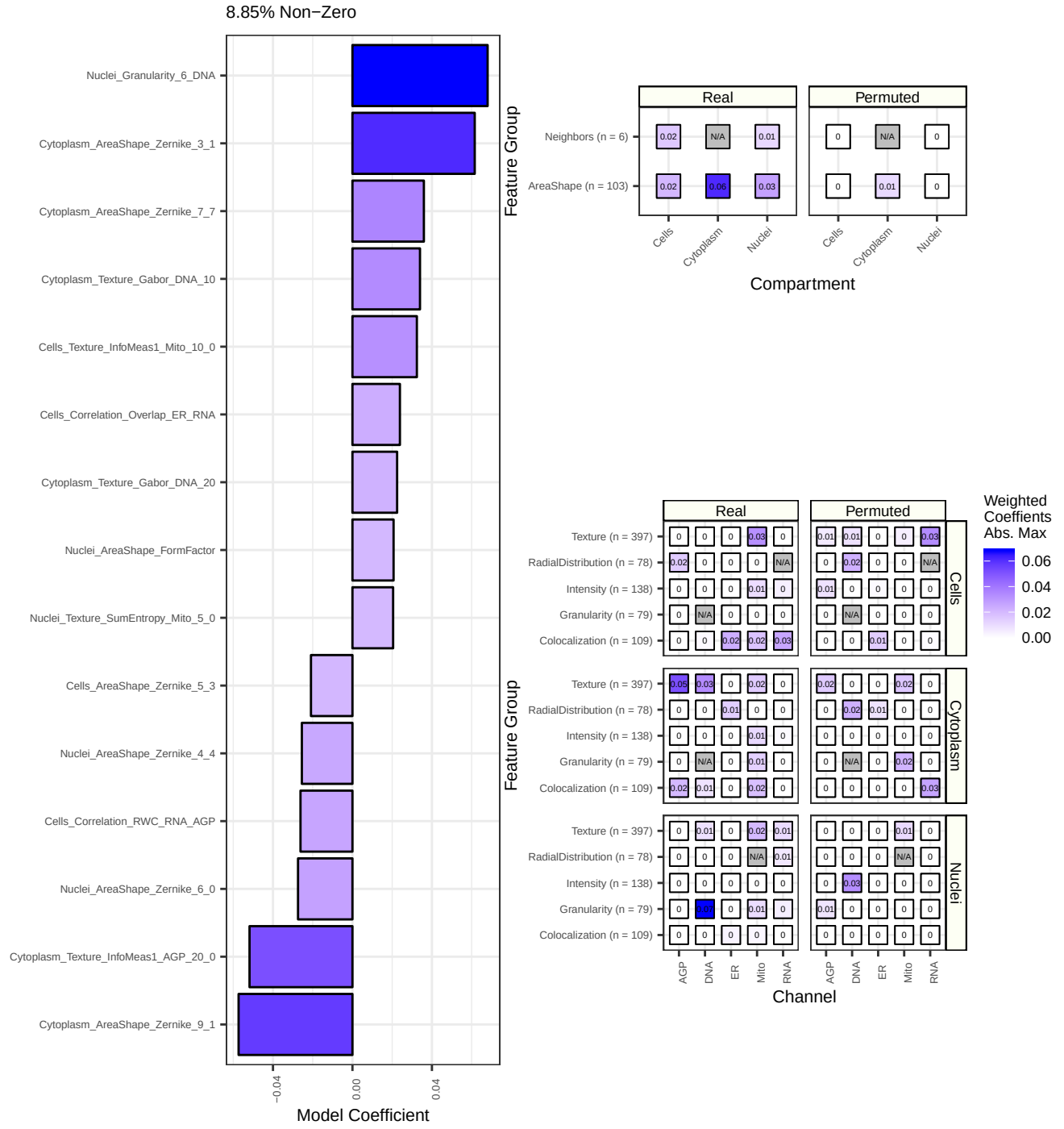
S − Intensity Nucleus EdU Mean



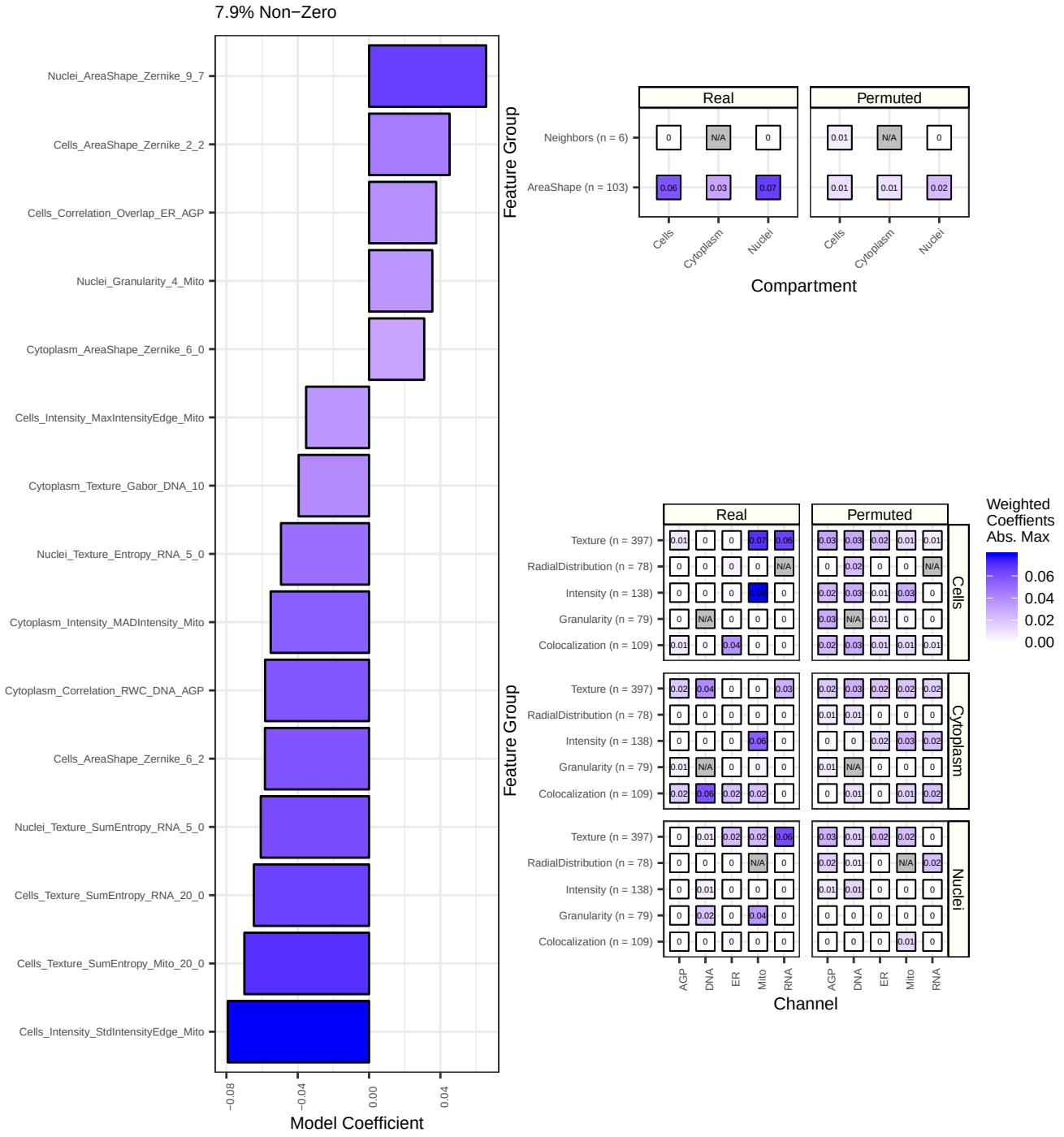
S − Intensity Nucleus EdU Sum



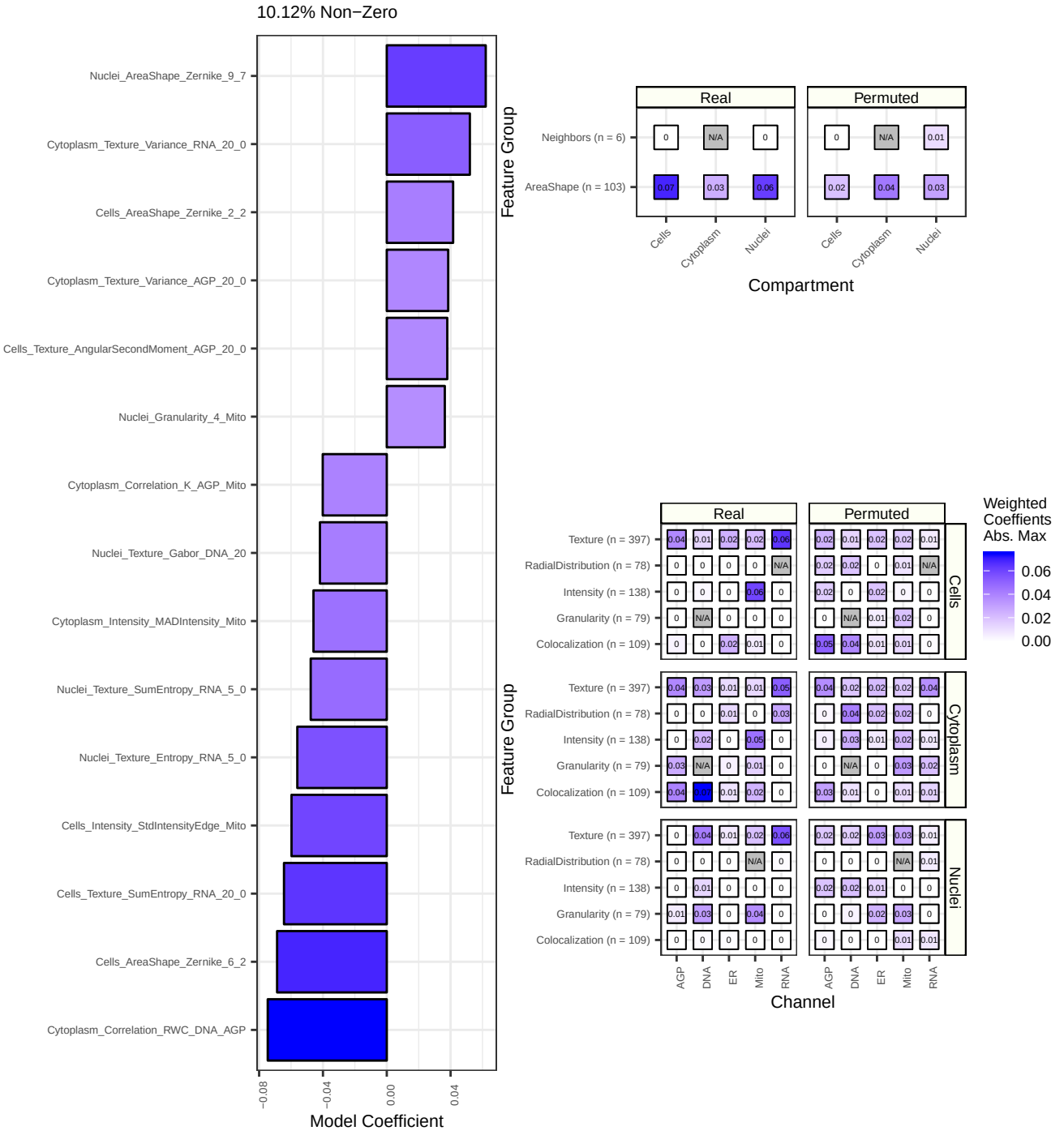
S − # cells


8.85% Non−Zero
Nuclei_Granularity_6_DNA
Cytoplasm_AreaShape_Zernike_3_1
Cytoplasm_AreaShape_Zernike_7_7
Cytoplasm_Texture_Gabor_DNA_10
Cells_Texture_InfoMeas1_Mito_10_0
Cells_Correlation_Overlap_ER_RNA
Cytoplasm_Texture_Gabor_DNA_20
Nuclei_AreaShape_FormFactor
Nuclei_Texture_SumEntropy_Mito_5_0
Cells_AreaShape_Zernike_5_3
Nuclei_AreaShape_Zernike_4_4
Cells_Correlation_RWC_RNA_AGP
Nuclei_AreaShape_Zernike_6_0
Cytoplasm_Texture_InfoMeas1_AGP_20_0
Cytoplasm_AreaShape_Zernike_9_1
−0.04
0.00
0.04
Model Coefficient
Feature Group
Real
Permuted
Neighbors (n = 6)
AreaShape (n = 103)
Cells
Cytoplasm
Nuclei
Compartment
Texture (n = 397)
RadialDistribution (n = 78)
Intensity (n = 138)
Granularity (n = 79)
Colocalization (n = 109)
AGP
DNA
ER
Mito
RNA
Channel
Weighted Coeffients Abs. Max
0.06
0.04
0.02
0.00

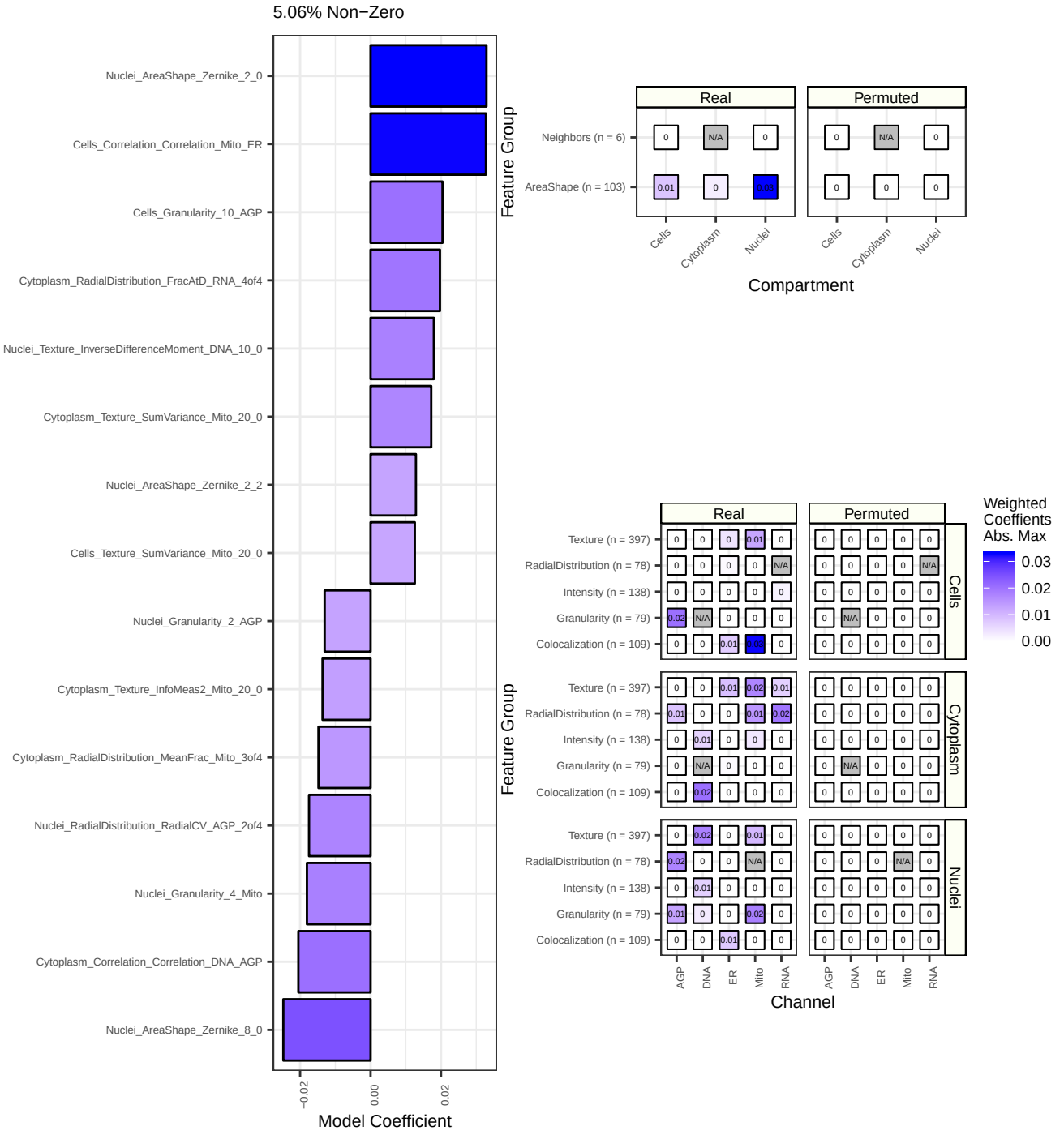
S − # of gH2AX Spots



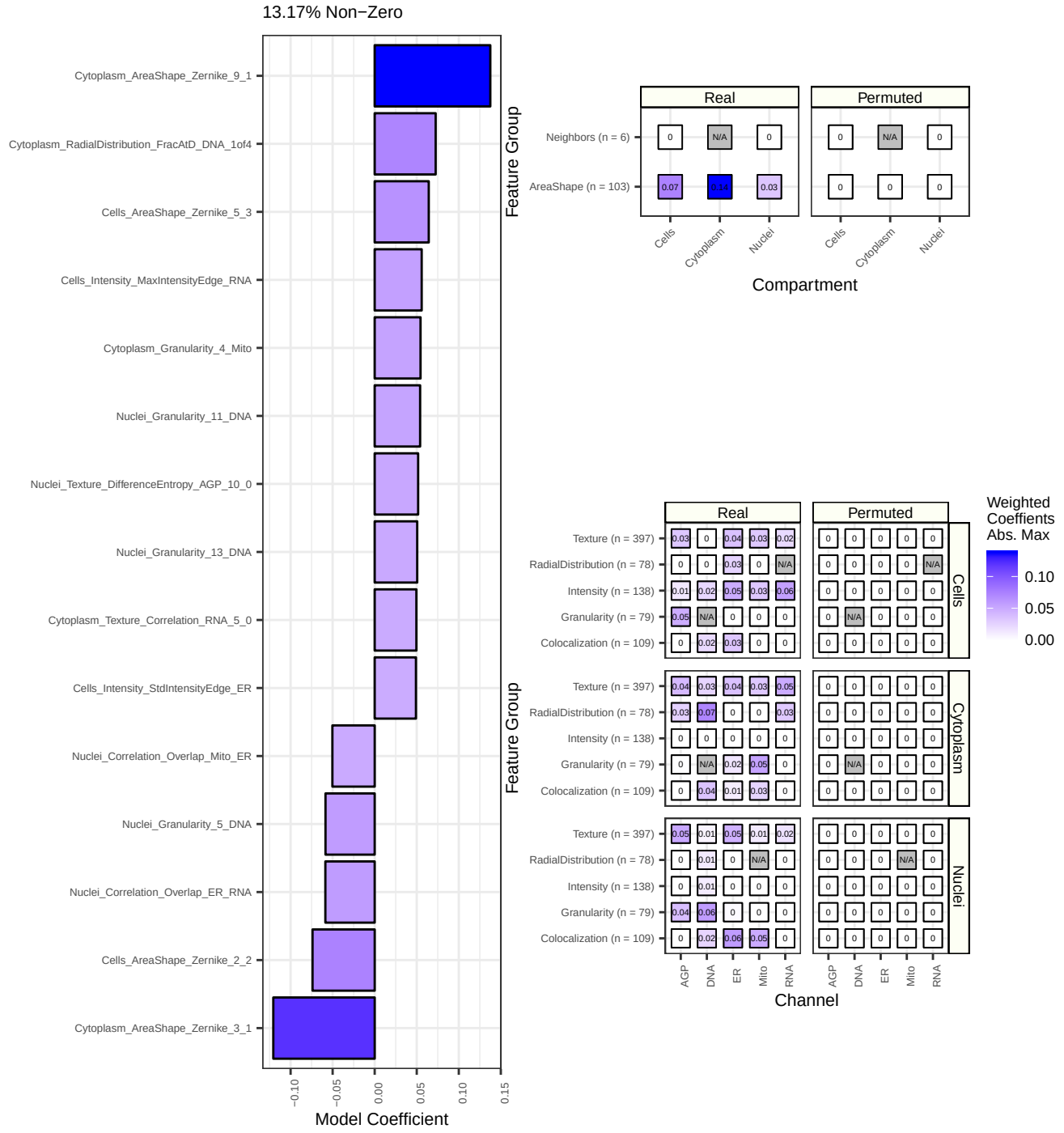
S − # of gH2AX Spots per Area of Nucleus



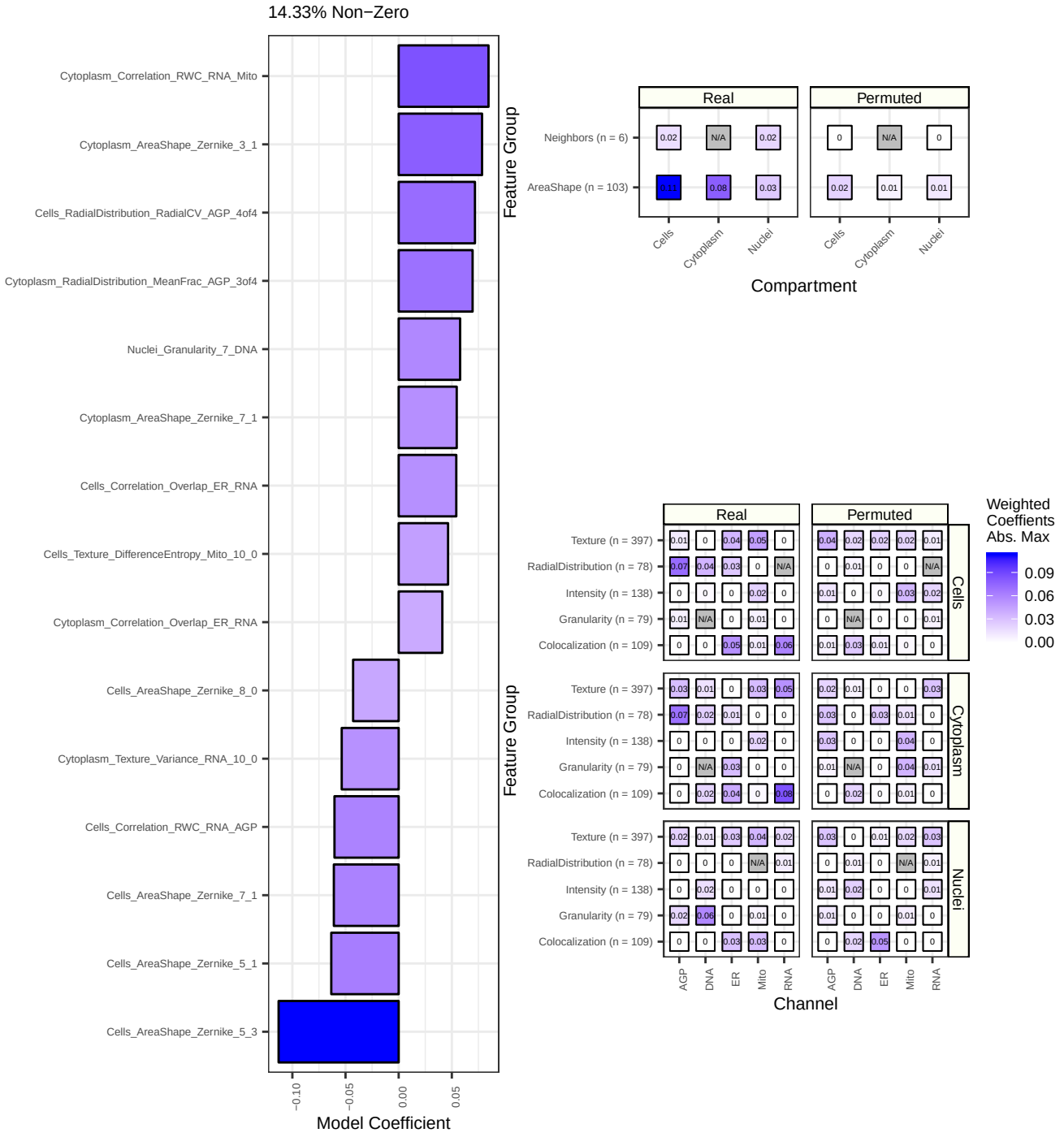
VB − Infection Efficiency



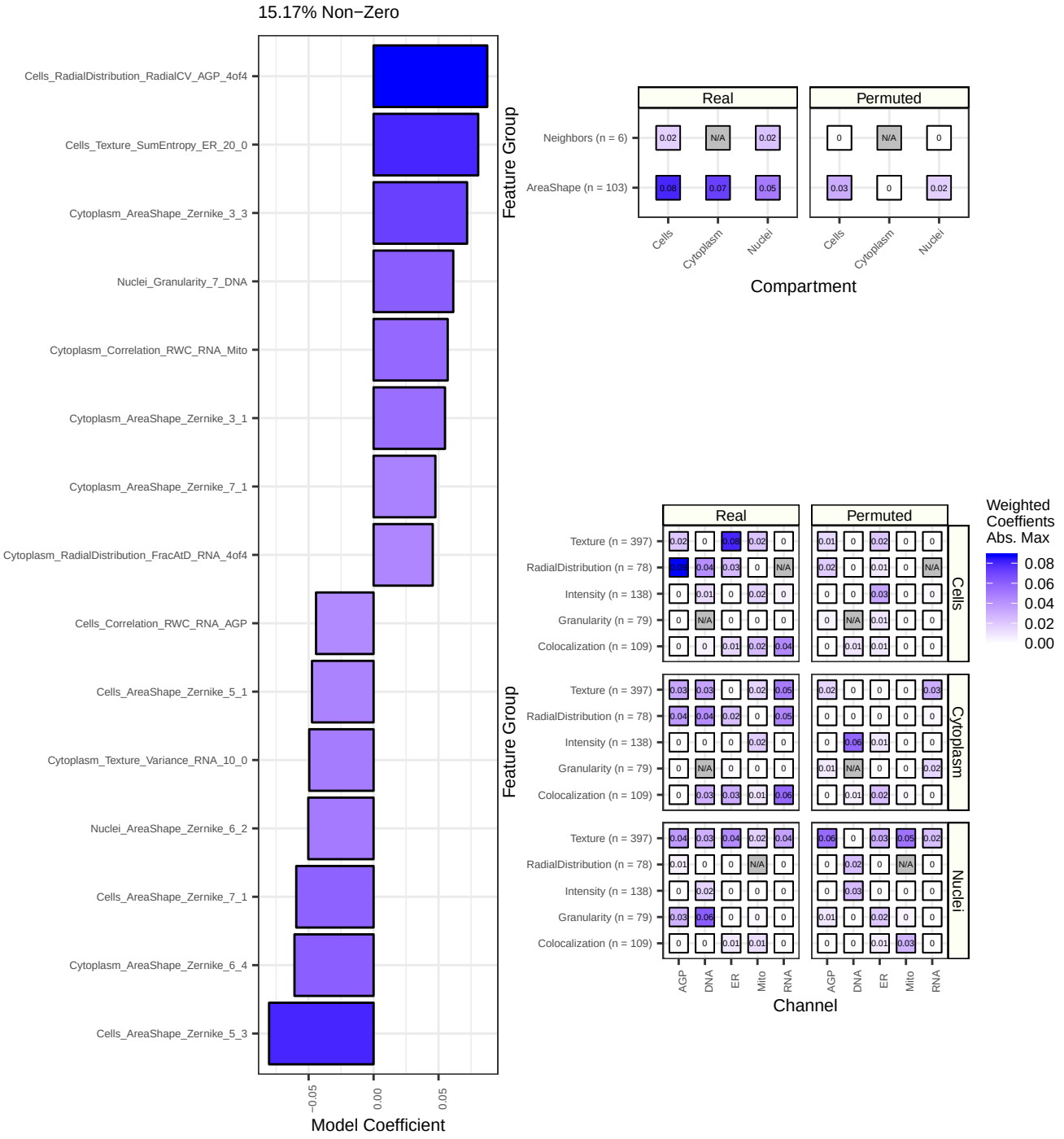
Live Cell Area



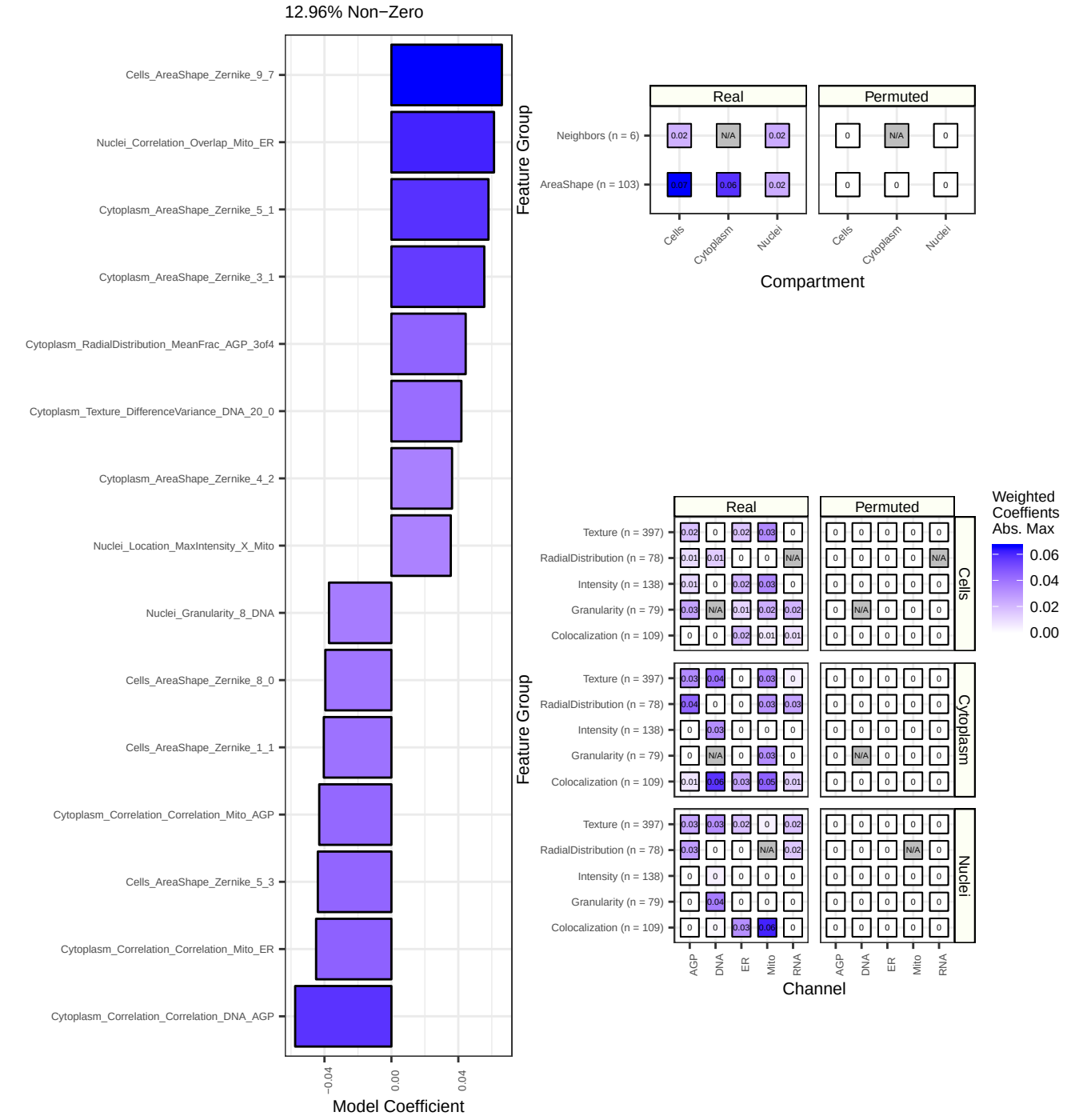
Live Cell Roundness



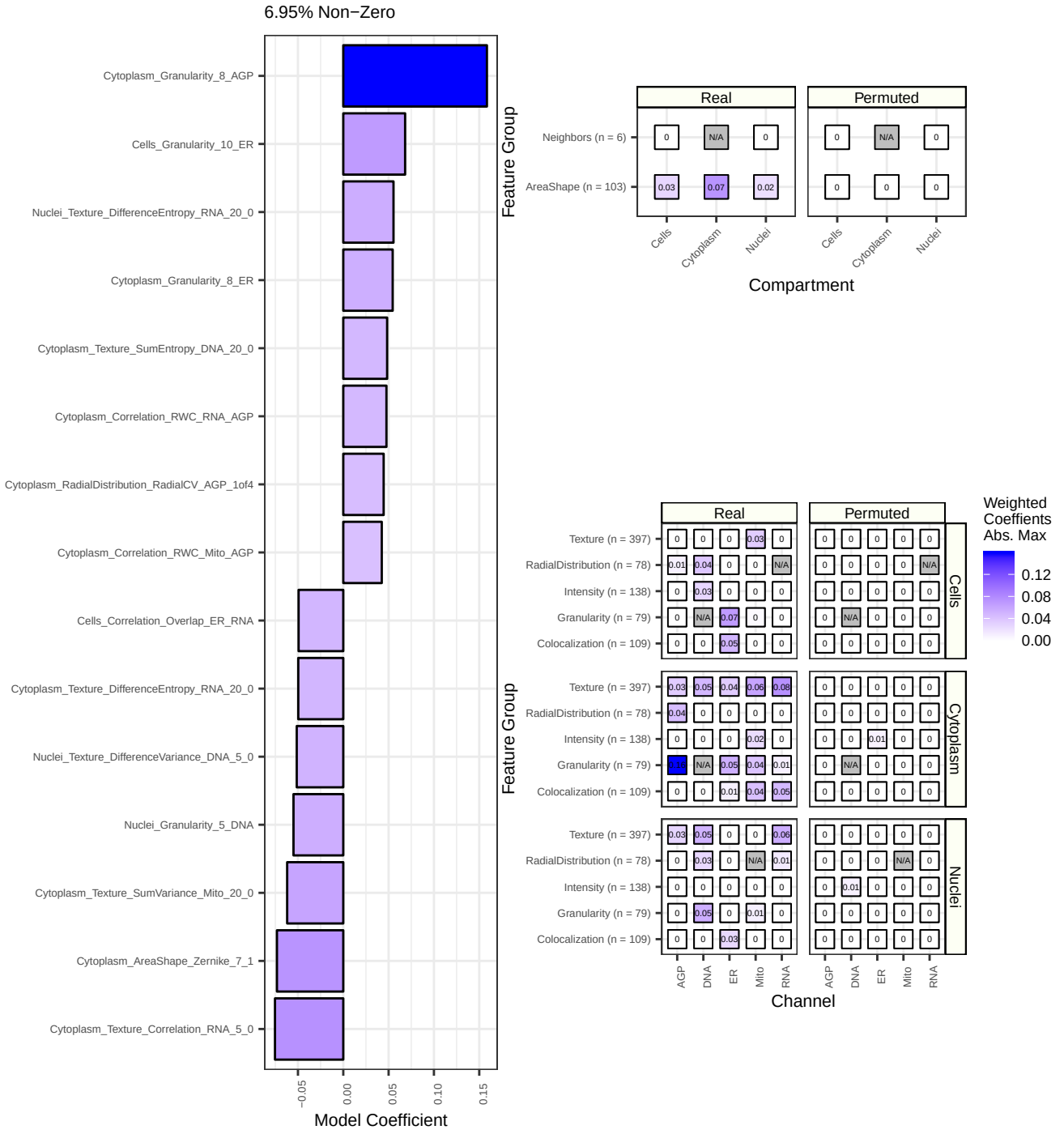
Live Width / Length



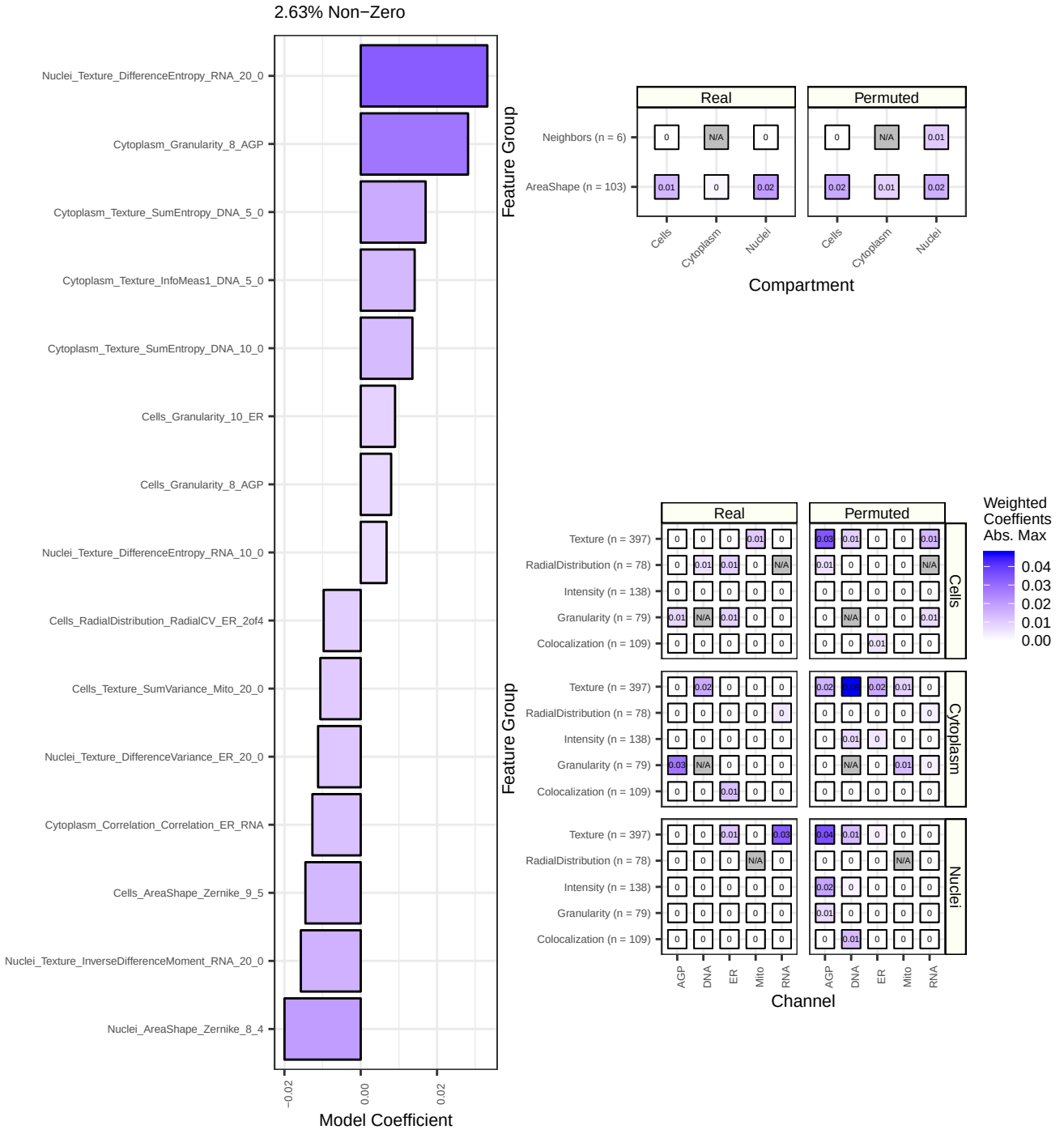
Live Cells


12.96% Non−Zero
Cells_AreaShape_Zernike_9_7
Nuclei_Correlation_Overlap_Mito_ER
Cytoplasm_AreaShape_Zernike_5_1
Cytoplasm_AreaShape_Zernike_3_1
Cytoplasm_RadialDistribution_MeanFrac_AGP_3of4
Cytoplasm_Texture_DifferenceVariance_DNA_20_0
Cytoplasm_AreaShape_Zernike_4_2
Nuclei_Location_MaxIntensity_X_Mito
Nuclei_Granularity_8_DNA
Cells_AreaShape_Zernike_8_0
Cells_AreaShape_Zernike_1_1
Cytoplasm_Correlation_Correlation_Mito_AGP
Cells_AreaShape_Zernike_5_3
Cytoplasm_Correlation_Correlation_Mito_ER
Cytoplasm_Correlation_Correlation_DNA_AGP
−0.04
0.00
0.04
Model Coefficient
Feature Group
Real
Permuted
Neighbors (n = 6)
AreaShape (n = 103)
Cells
Cytoplasm
Nuclei
Compartment
Texture (n = 397)
RadialDistribution (n = 78)
Intensity (n = 138)
Granularity (n = 79)
Colocalization (n = 109)
AGP
DNA
ER
Mito
RNA
Channel
Weighted Coeffients Abs. Max
0.06
0.04
0.02
0.00

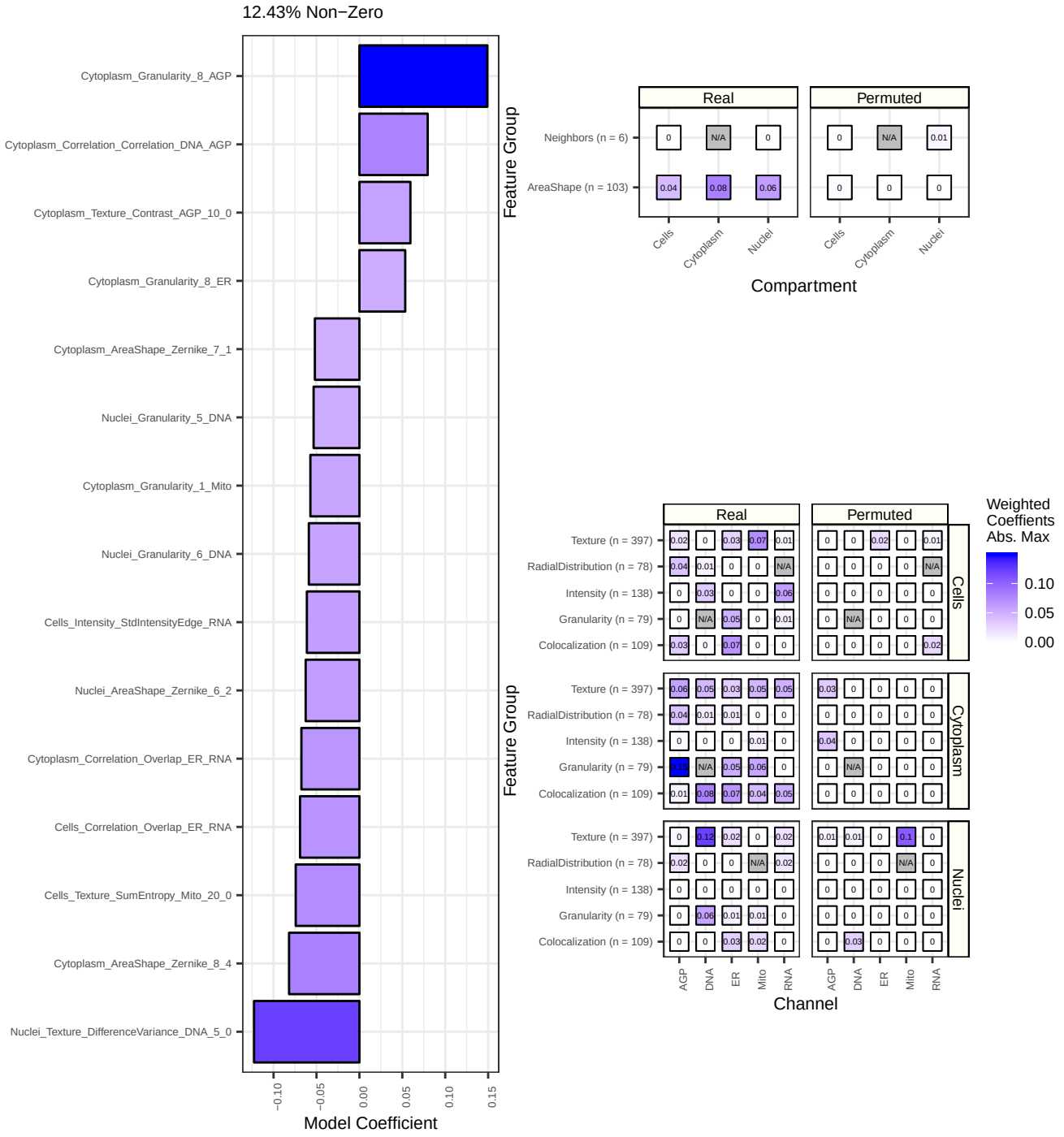
% All Apoptosis (CASP+)



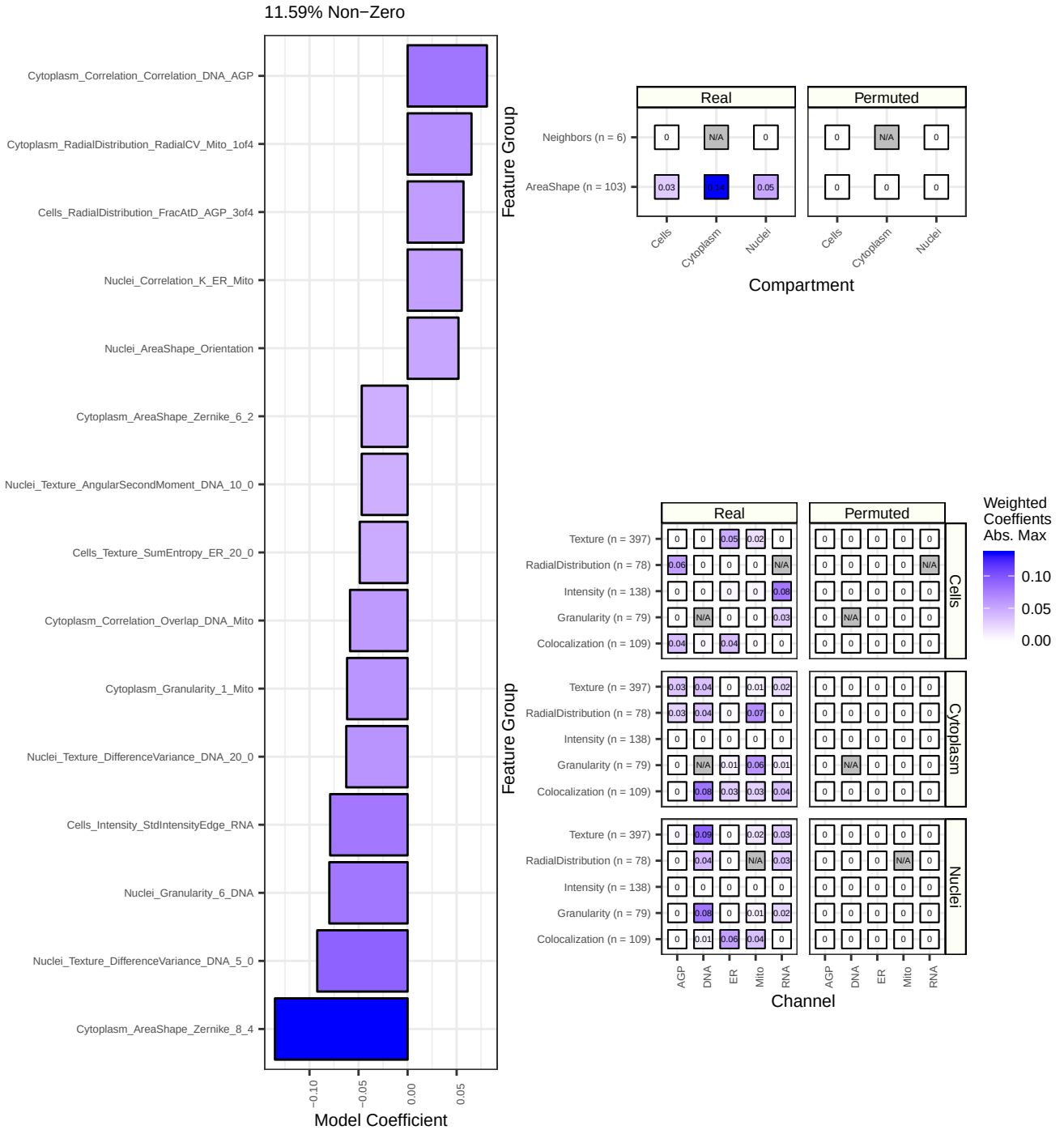
% Caspase / % Dead Only



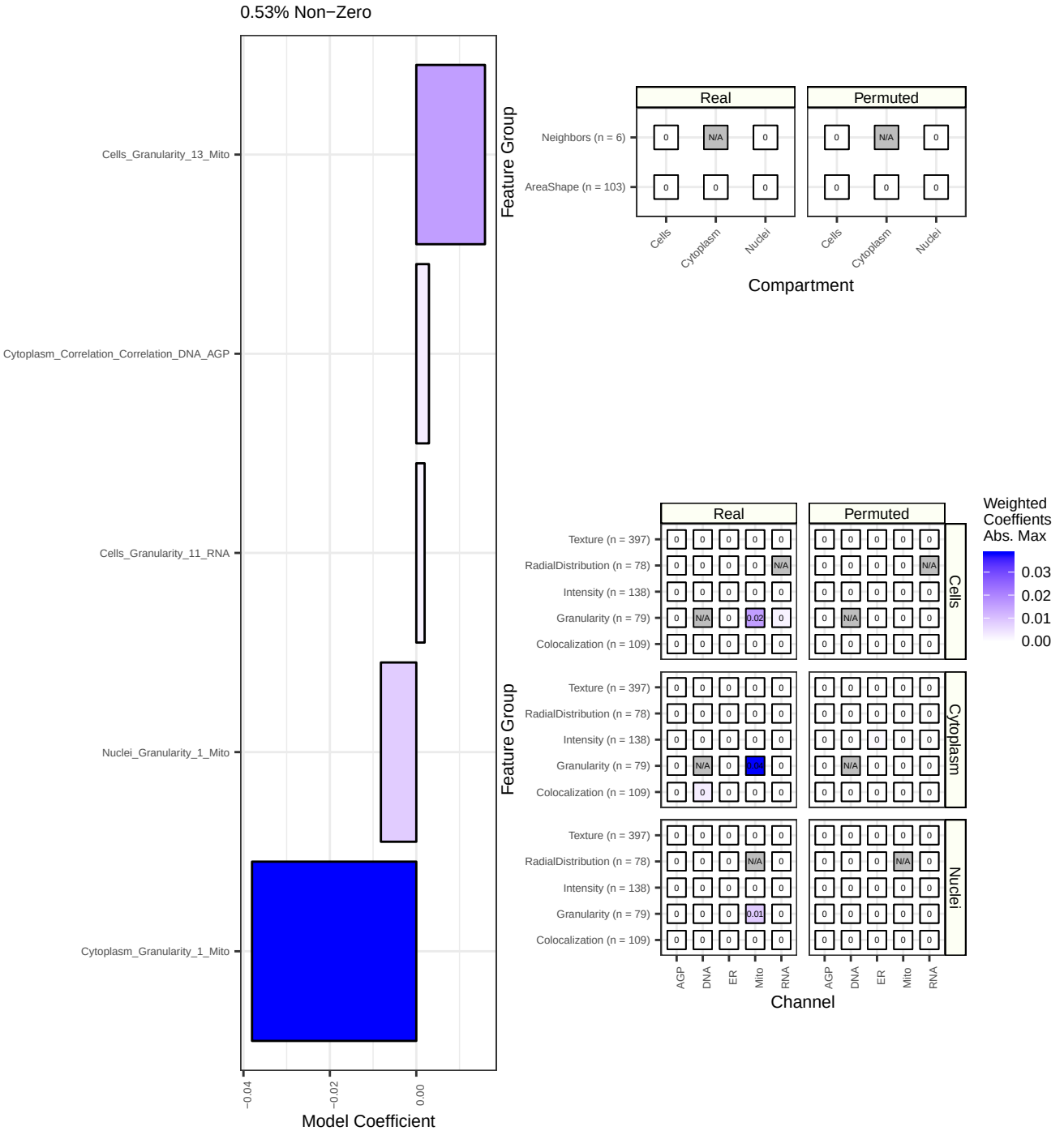
% All Dead (DRAQ7+)



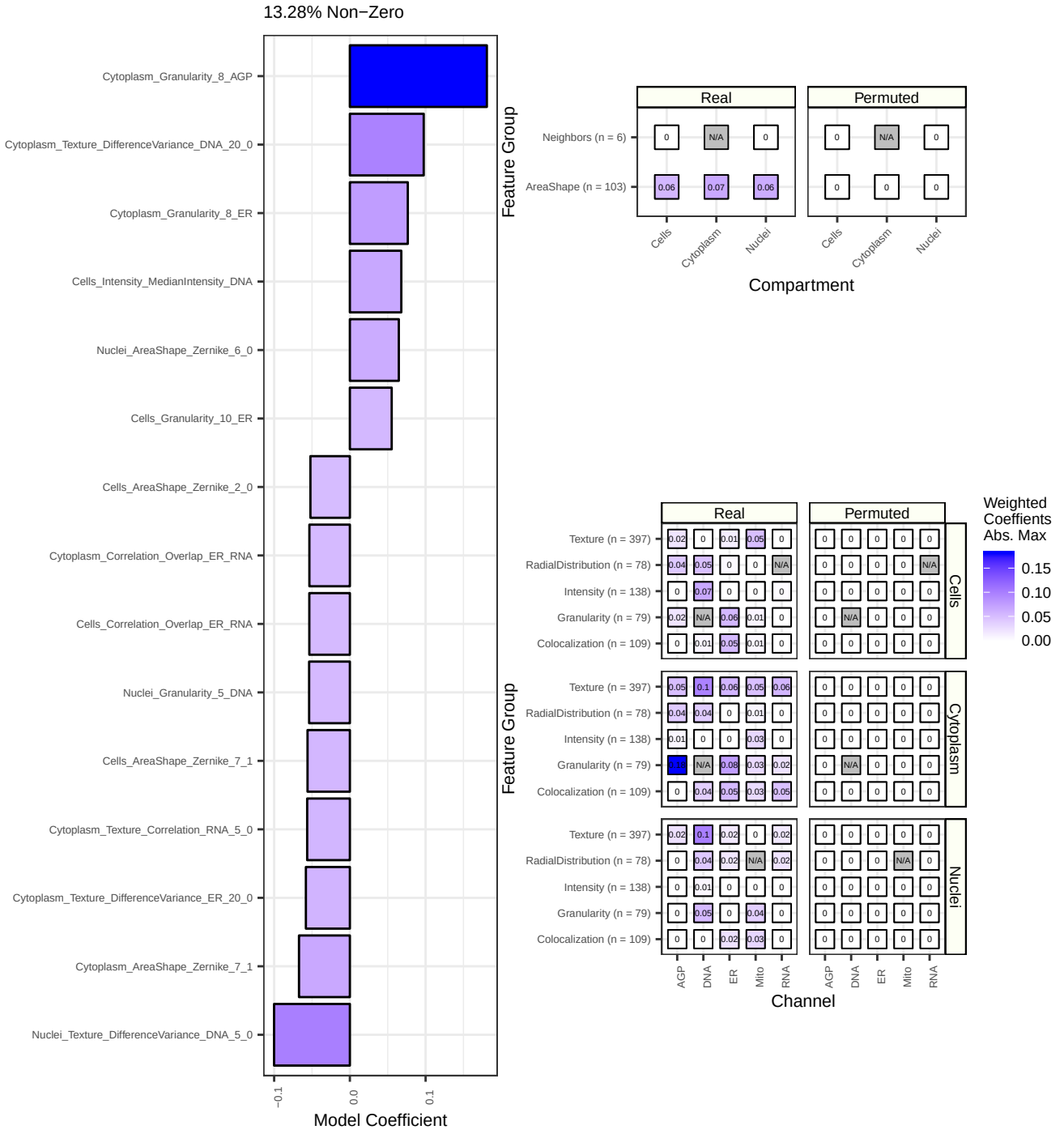
% Dead Only (CASP−; DRAQ7+)



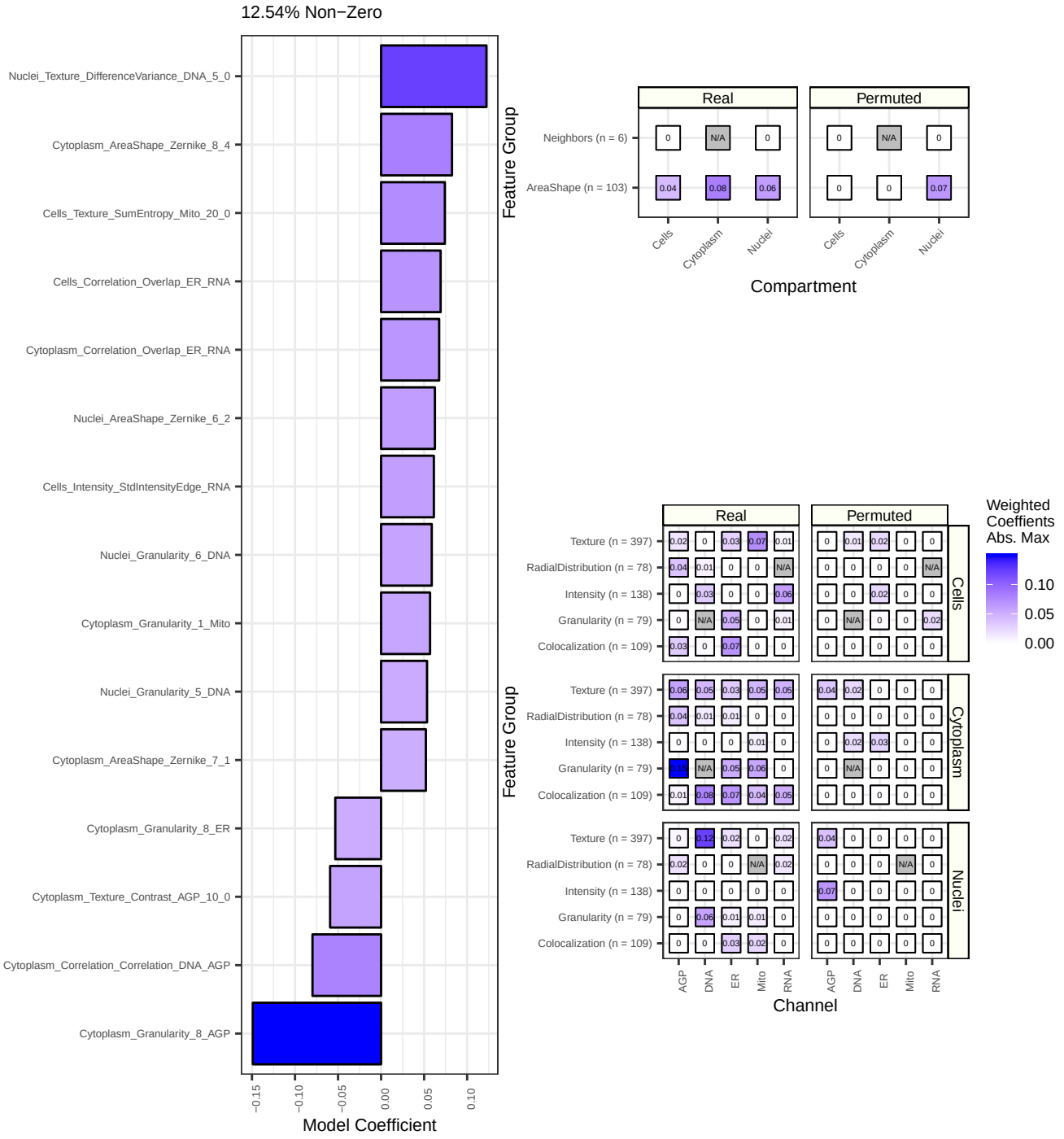
% Early Apoptosis (CASP+; DRAQ7−)



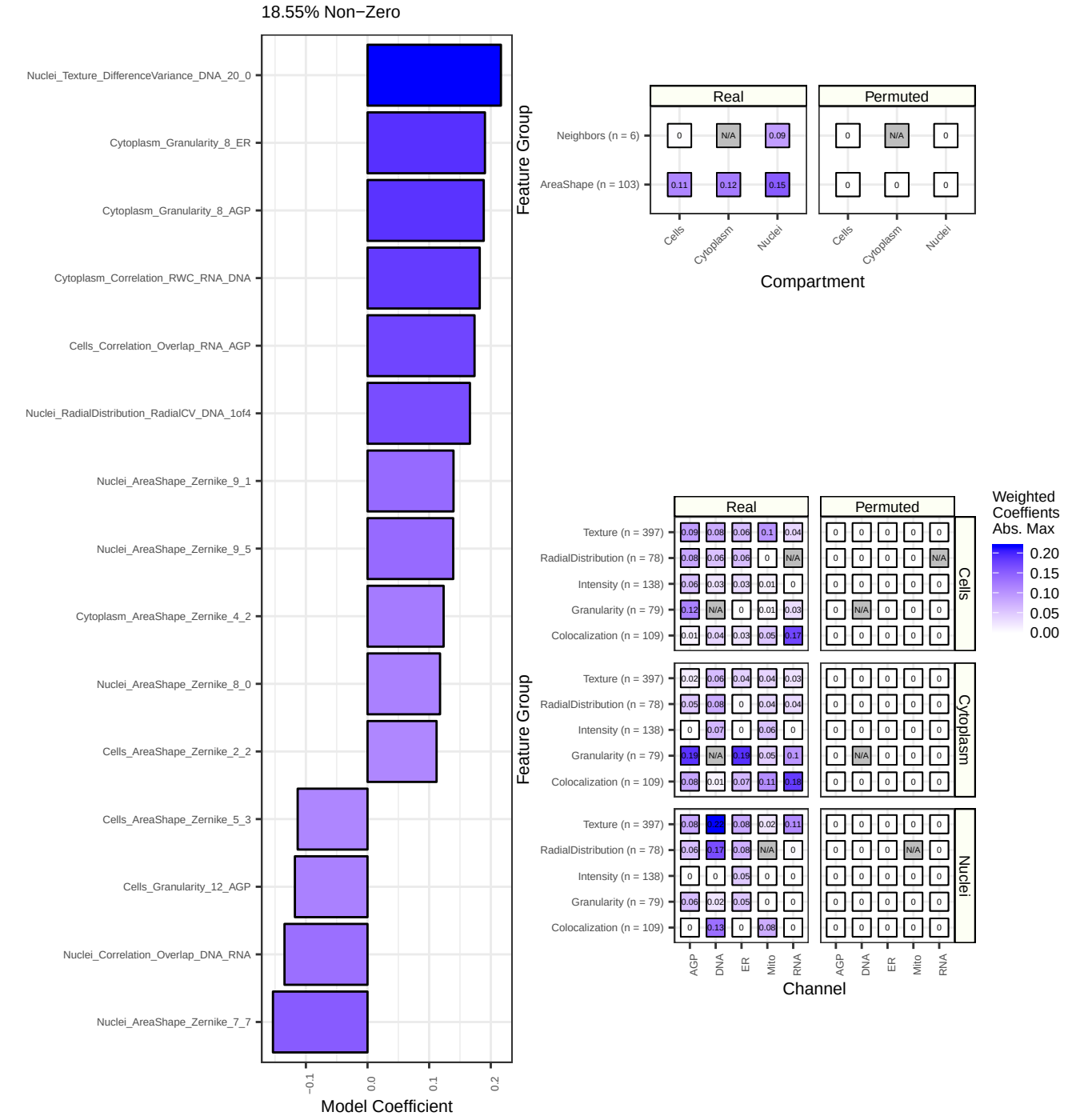
% Late Apoptosis (CASP+; DRAQ7+)



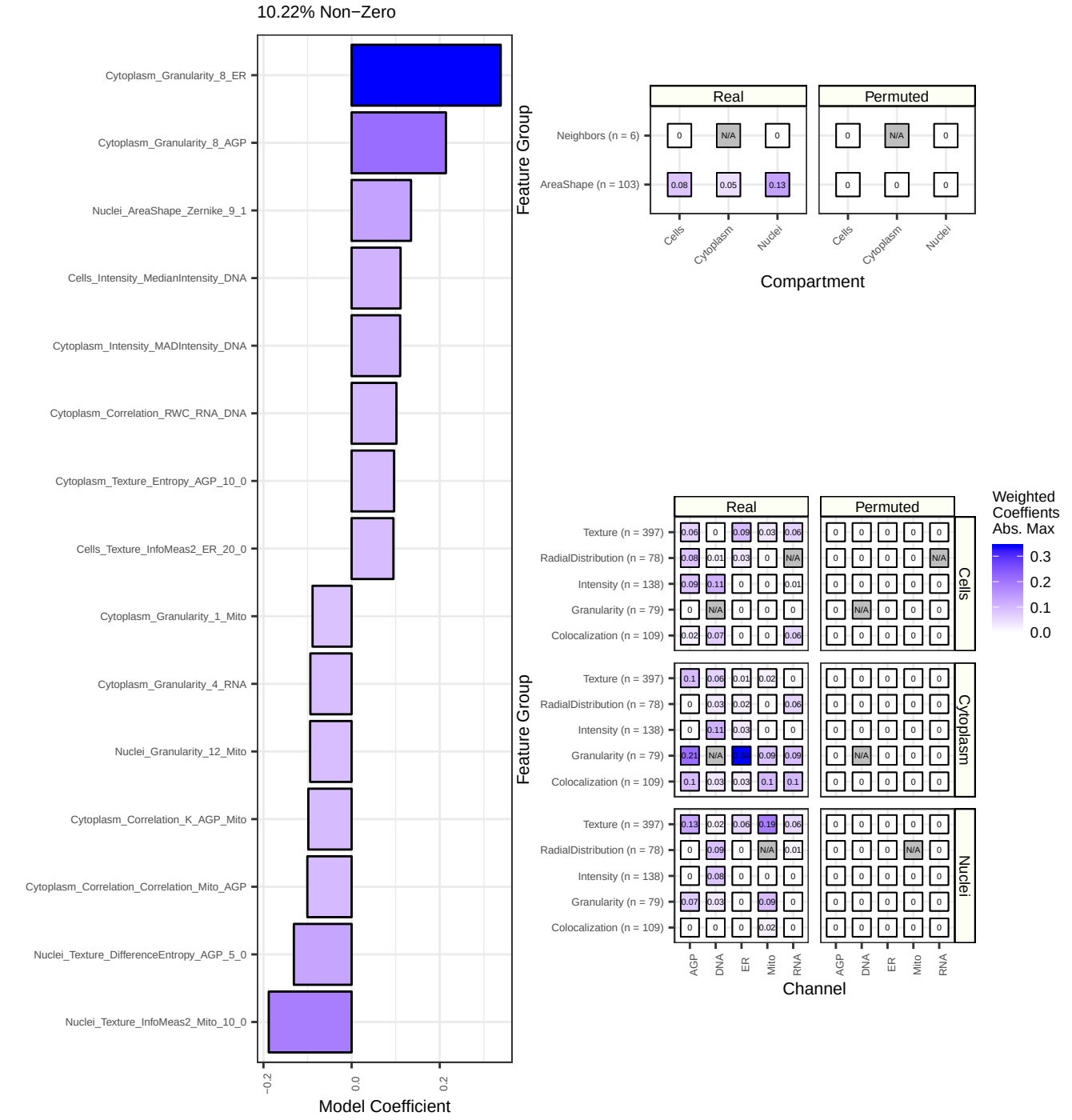
% Live (DRAQ7−; CASP−)



ROS−back


18.55% Non−Zero
Nuclei_Texture_DifferenceVariance_DNA_20_0
Cytoplasm_Granularity_8_ER
Cytoplasm_Granularity_8_AGP
Cytoplasm_Correlation_RWC_RNA_DNA
Cells_Correlation_Overlap_RNA_AGP
Nuclei_RadialDistribution_RadialCV_DNA_1of4
Nuclei_AreaShape_Zernike_9_1
Nuclei_AreaShape_Zernike_9_5
Cytoplasm_AreaShape_Zernike_4_2
Nuclei_AreaShape_Zernike_8_0
Cells_AreaShape_Zernike_2_2
Cells_AreaShape_Zernike_5_3
Cells_Granularity_12_AGP
Nuclei_Correlation_Overlap_DNA_RNA
Nuclei_AreaShape_Zernike_7_7
−0.1
0.0
0.1
0.2
Model Coefficient
Feature Group
Real
Permuted
Neighbors (n = 6)
AreaShape (n = 103)
Cells
Cytoplasm
Nuclei
Compartment
Texture (n = 397)
RadialDistribution (n = 78)
Intensity (n = 138)
Granularity (n = 79)
Colocalization (n = 109)
AGP
DNA
ER
Mito
RNA
Channel
Weighted Coeffients Abs. Max
0.20
0.15
0.10
0.05
0.00

ROS


10.22% Non−Zero
Cytoplasm_Granularity_8_ER
Cytoplasm_Granularity_8_AGP
Nuclei_AreaShape_Zernike_9_1
Cells_Intensity_MedianIntensity_DNA
Cytoplasm_Intensity_MADIntensity_DNA
Cytoplasm_Correlation_RWC_RNA_DNA
Cytoplasm_Texture_Entropy_AGP_10_0
Cells_Texture_InfoMeas2_ER_20_0
Cytoplasm_Granularity_1_Mito
Cytoplasm_Granularity_4_RNA
Nuclei_Granularity_12_Mito
Cytoplasm_Correlation_K_AGP_Mito
Cytoplasm_Correlation_Correlation_Mito_AGP
Nuclei_Texture_DifferenceEntropy_AGP_5_0
Nuclei_Texture_InfoMeas2_Mito_10_0
−0.2
0.0
0.2
Model Coefficient
Feature Group
Real
Permuted
Neighbors (n = 6)
AreaShape (n = 103)
Cells
Cytoplasm
Nuclei
Compartment
Texture (n = 397)
RadialDistribution (n = 78)
Intensity (n = 138)
Granularity (n = 79)
Colocalization (n = 109)
AGP
DNA
ER
Mito
RNA
Channel
Weighted Coeffients Abs. Max
0.3
0.2
0.1
0.0