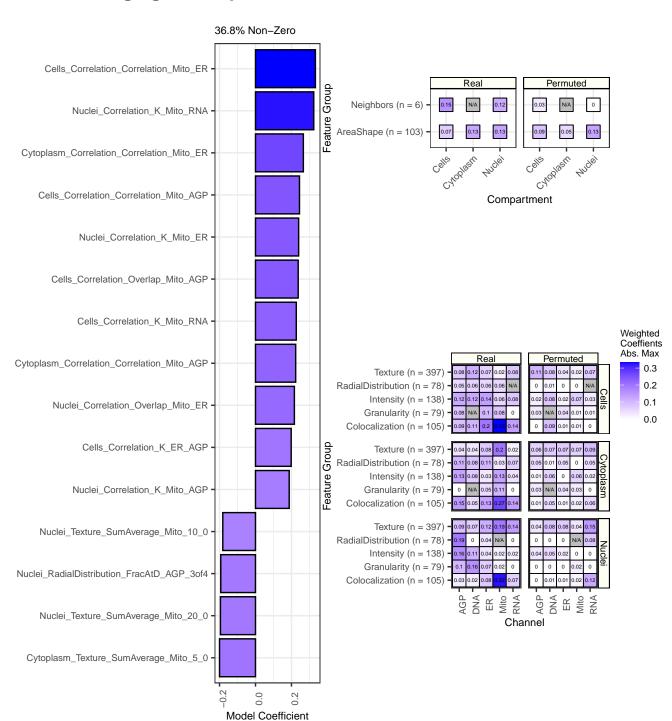
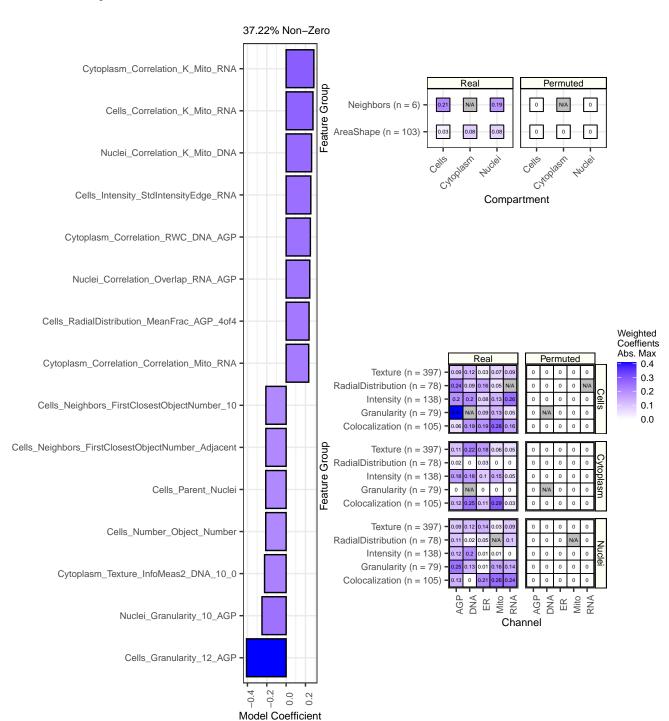
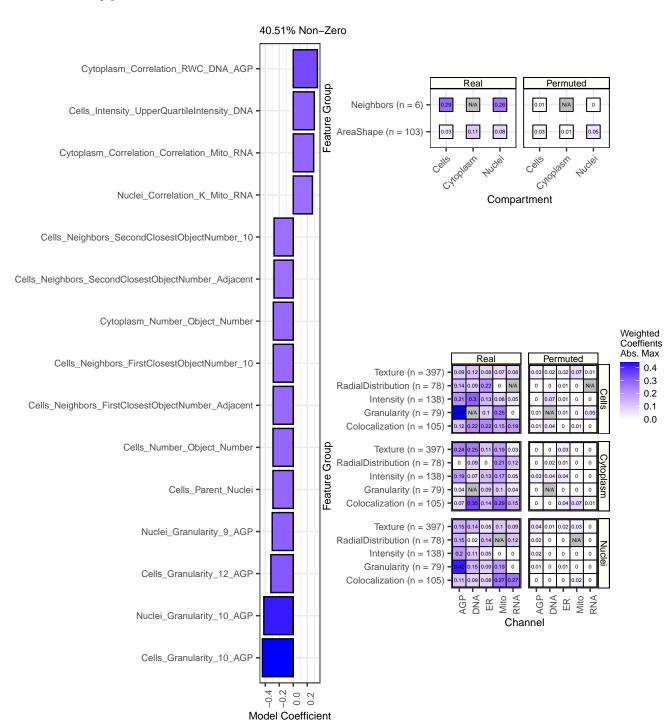
ALL - % High gH2AX Spots



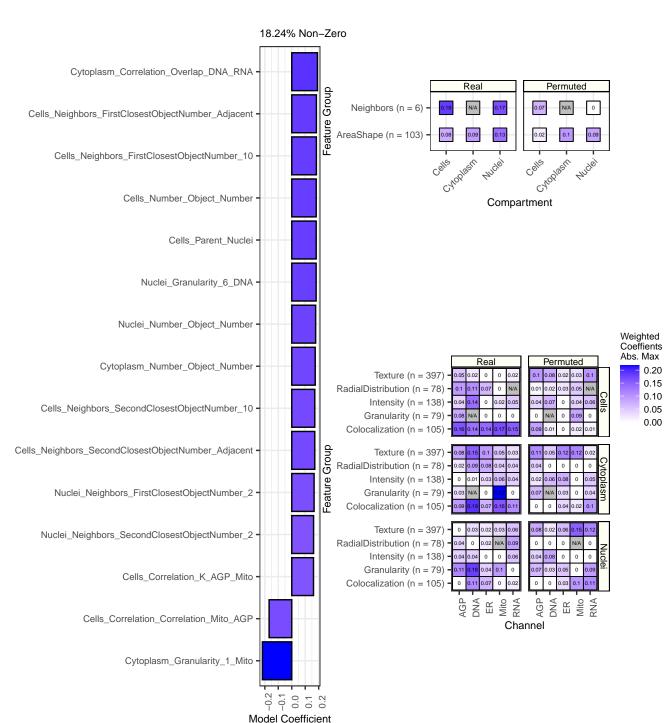
ALL - Polynuclear



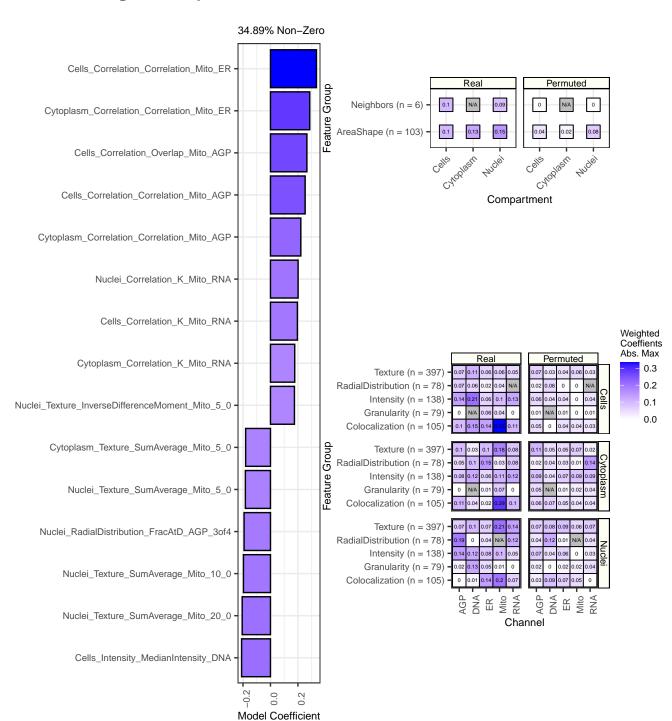
ALL - Polyploid



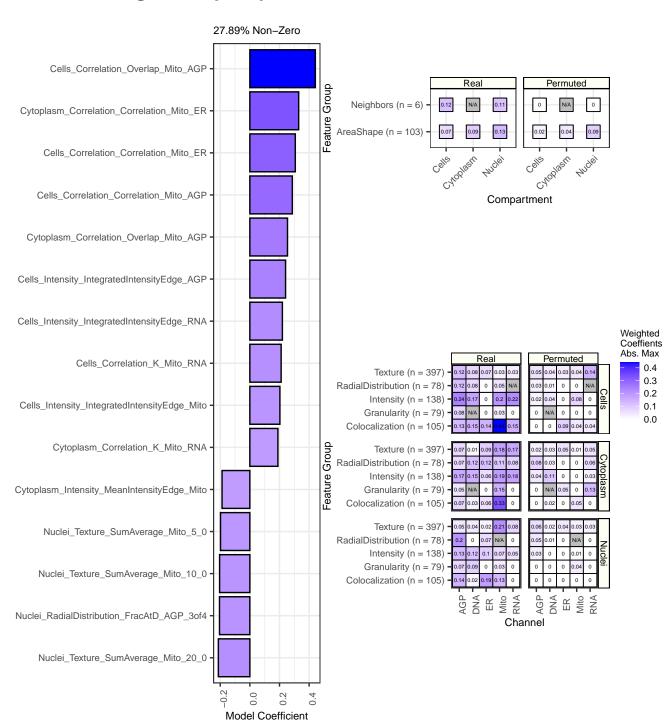
ALL - # cells



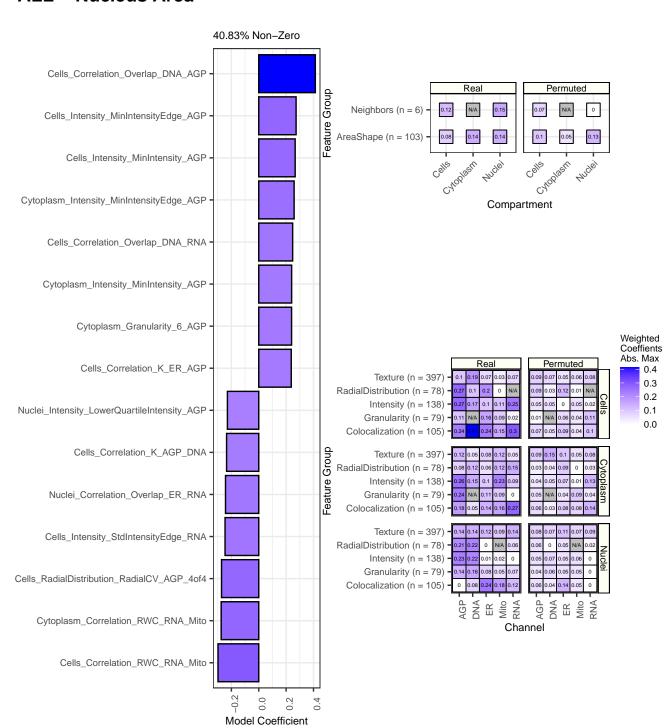
ALL - # of gH2AX Spots



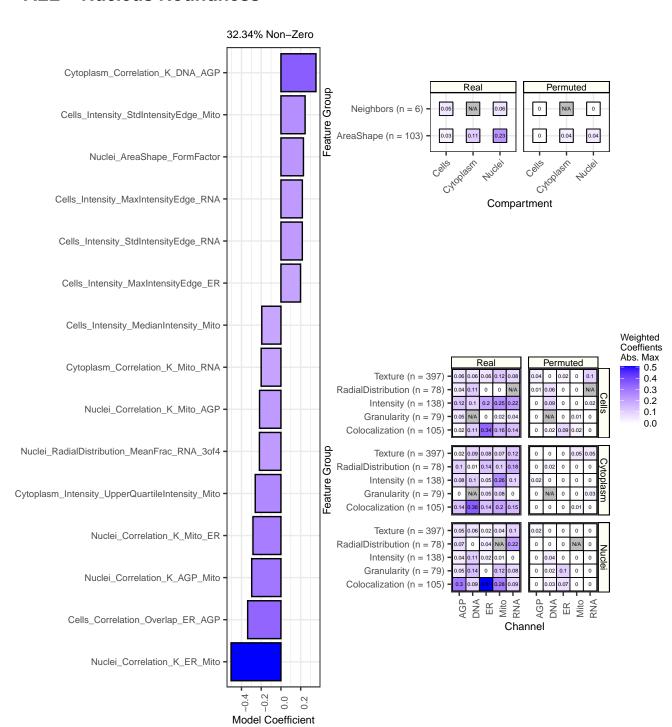
ALL - # of gH2AX Spots per Area of Nucleus



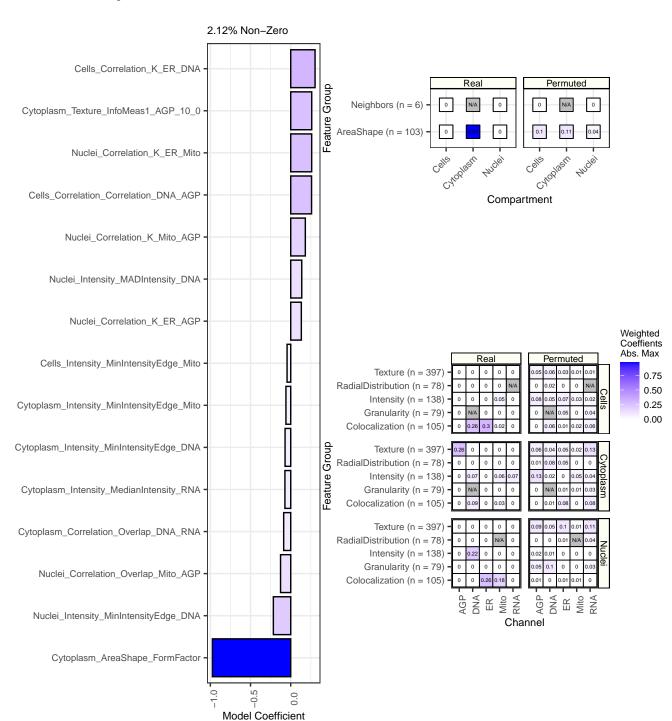
ALL - Nucleus Area

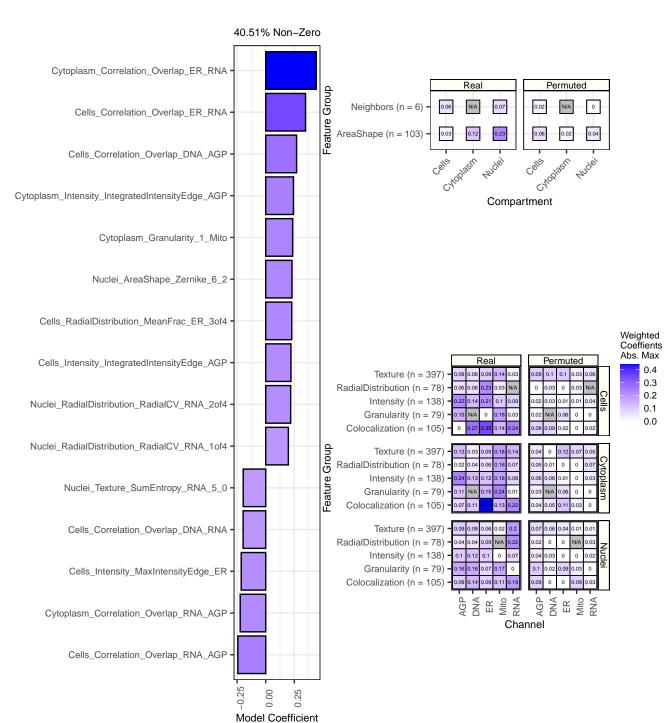


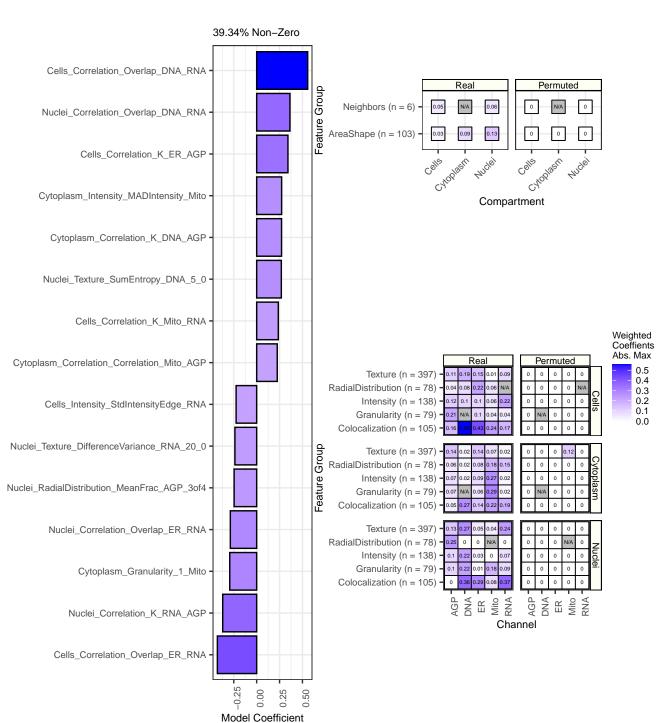
ALL - Nucleus Roundness



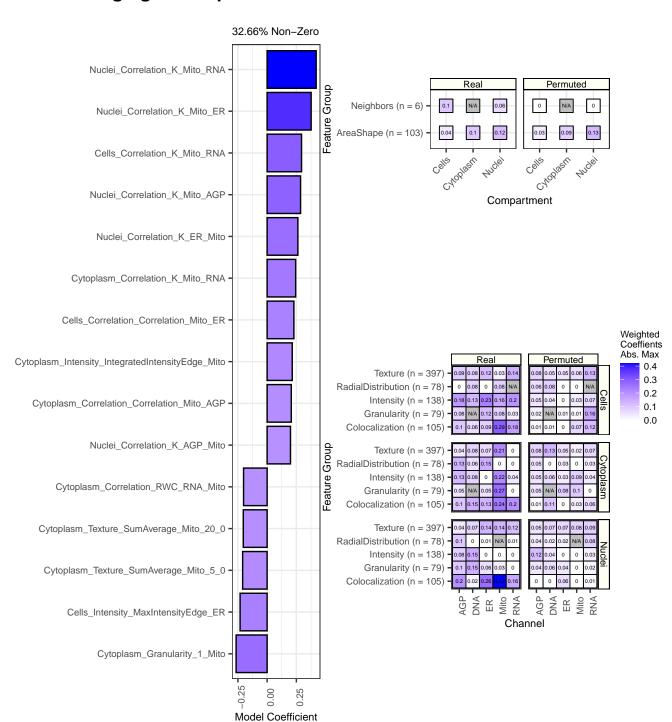
CC - % early M



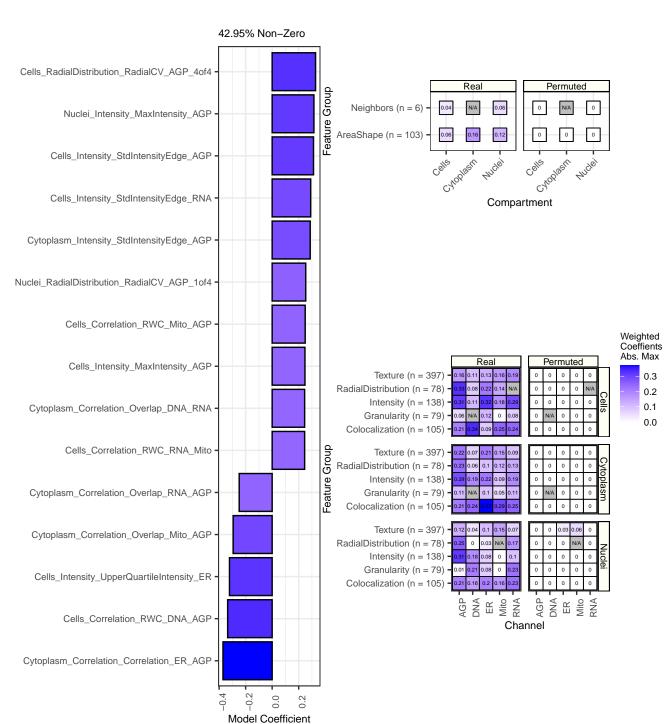


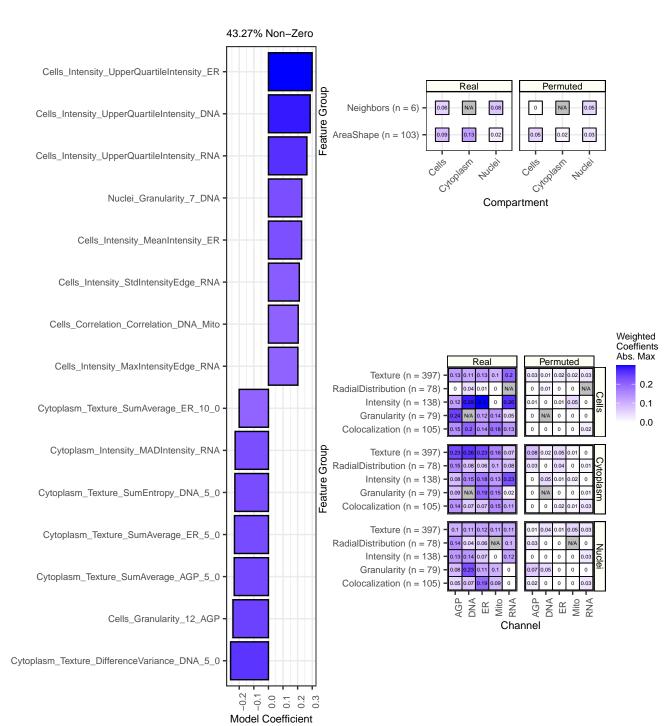


CC - % High gH2AX spots

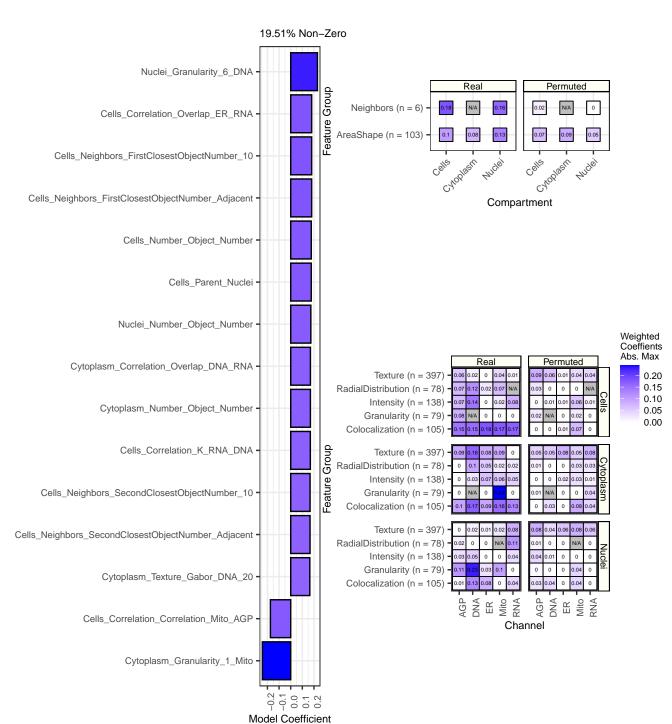


CC - % Late M

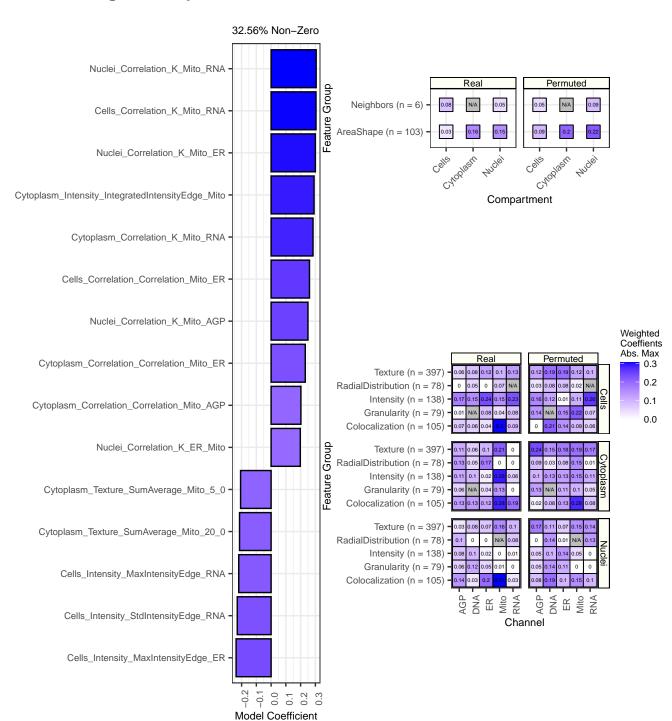




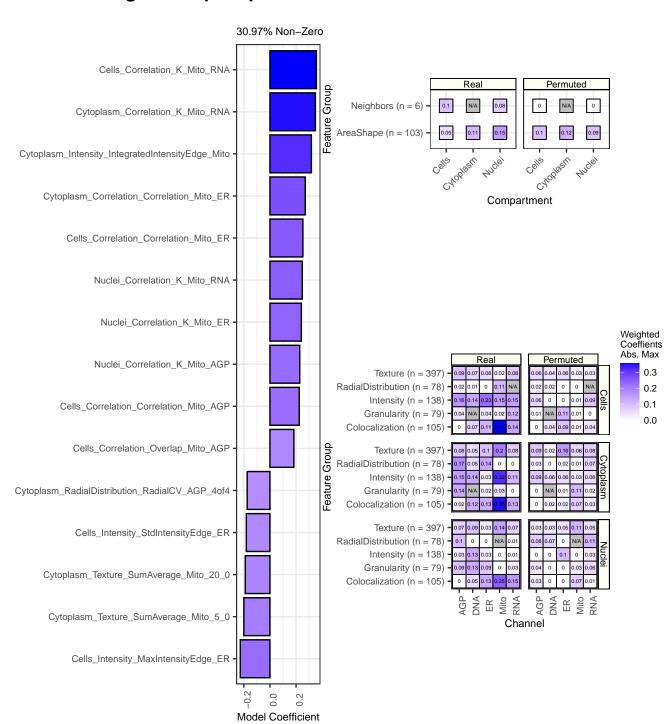
CC - # cells

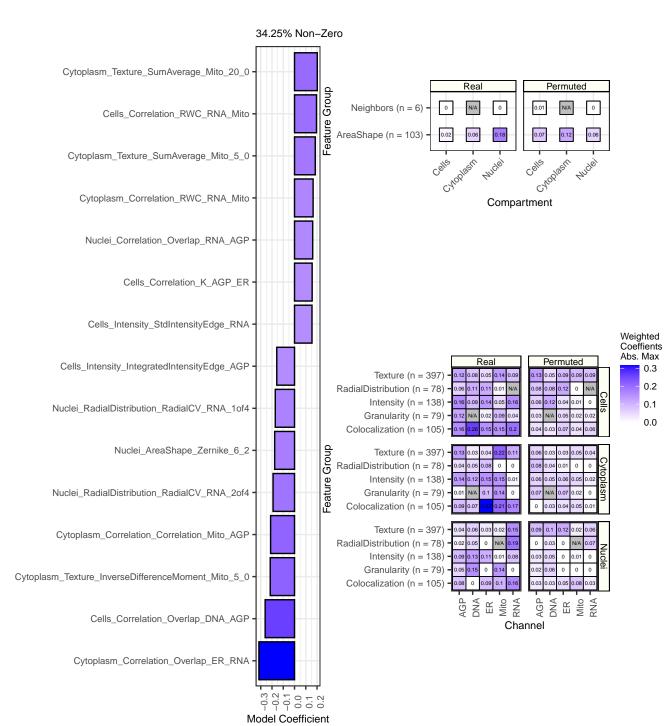


CC - # of gH2AX Spots

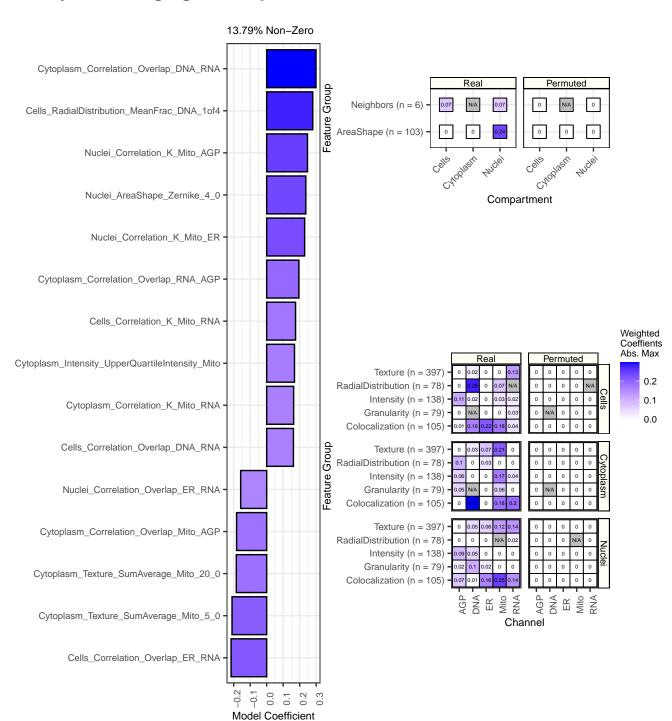


CC - # of gH2AX Spots per Area of Nucleus

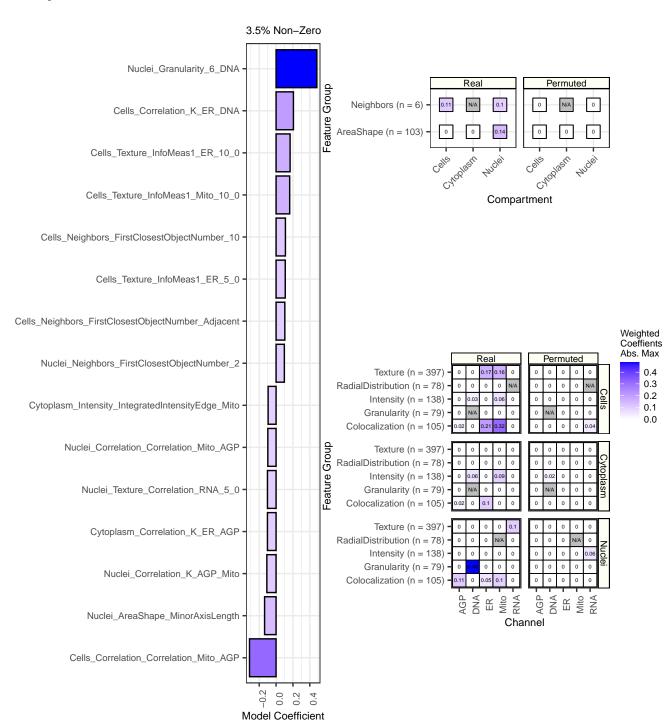




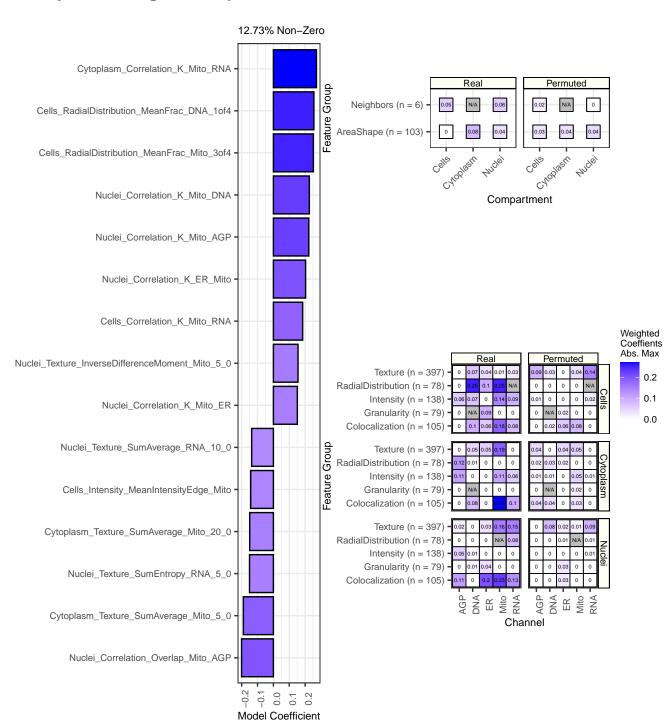
early M - % High gH2AX Spots



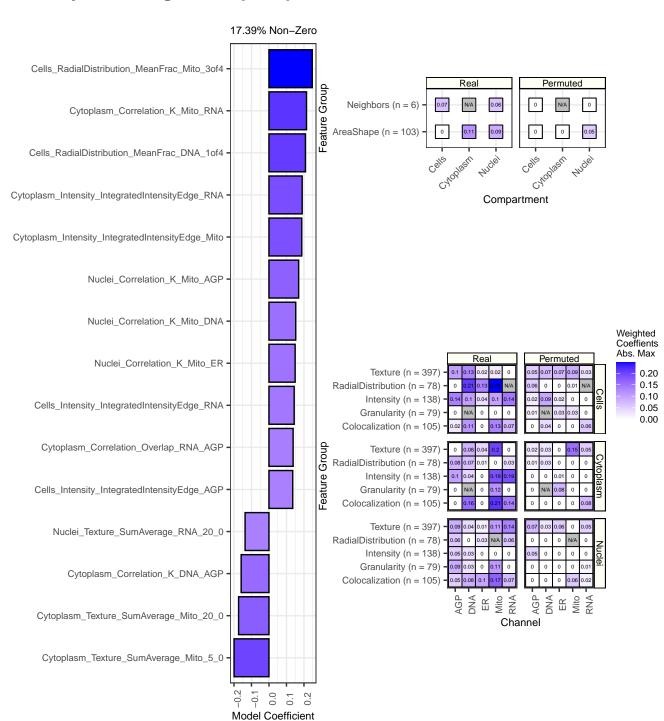
early M - # cells



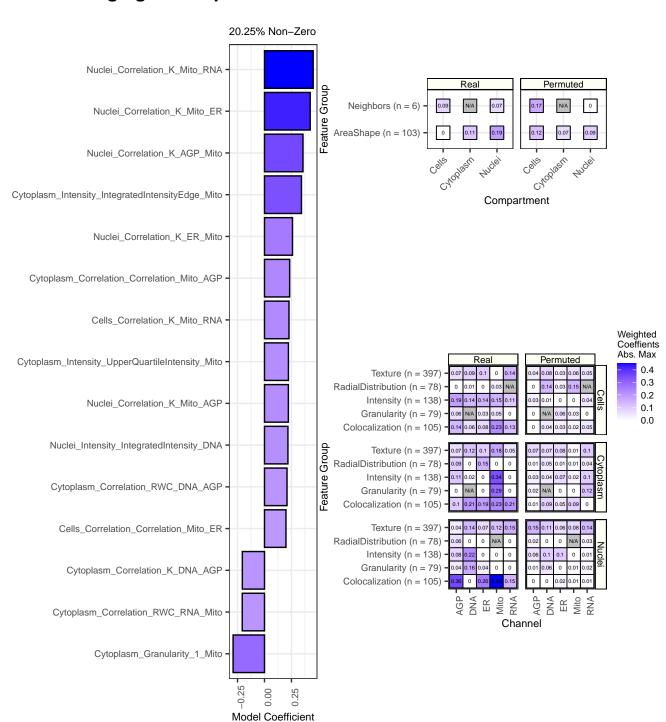
early M - # of gH2AX Spots



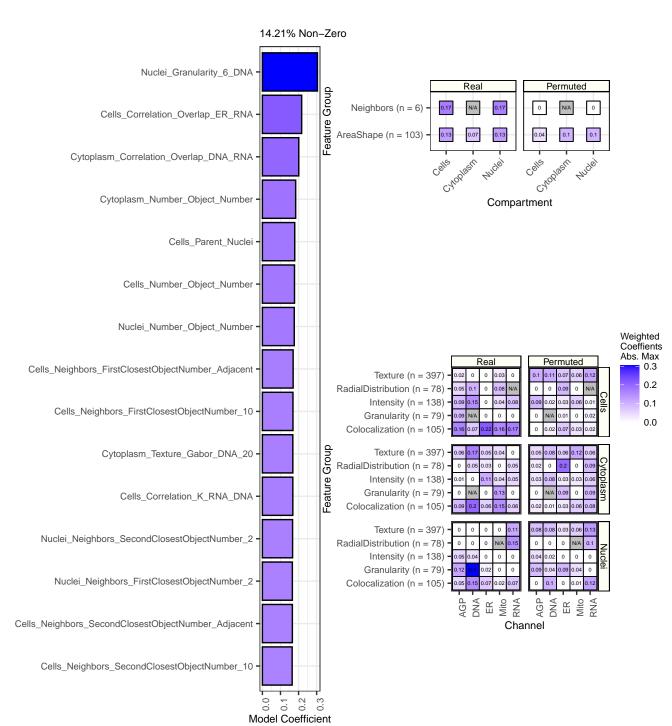
early M - # of gH2AX Spots per Area of Nucleus



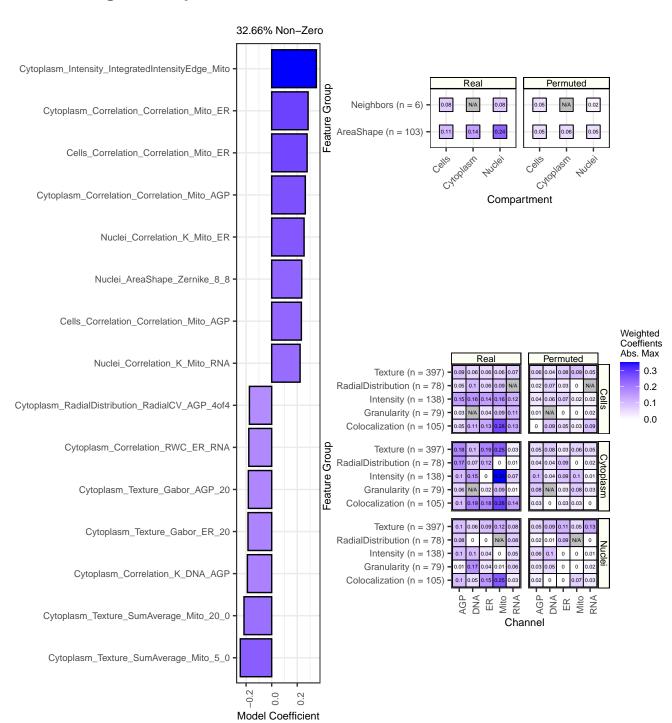
G1 - % High gH2AX Spots



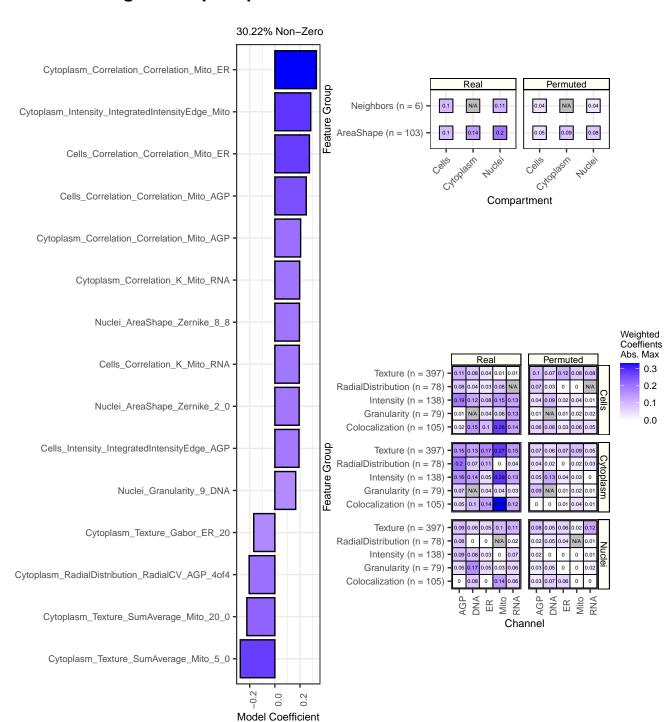
G1 - # cells



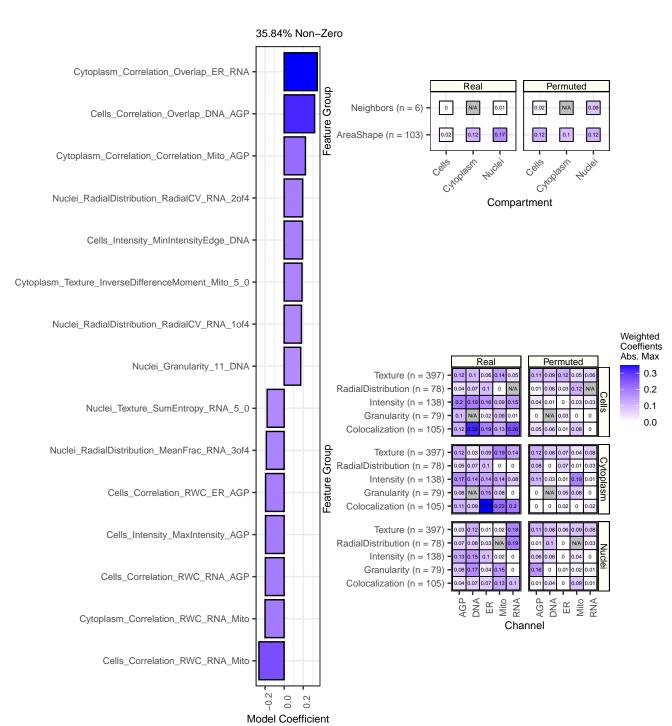
G1 - # of gH2AX Spots



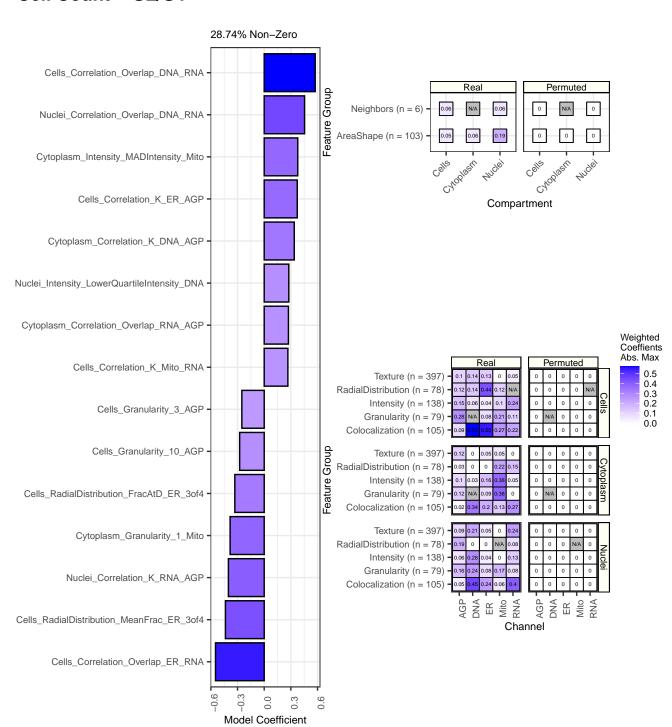
G1 - # of gH2AX Spots per Area of Nucleus



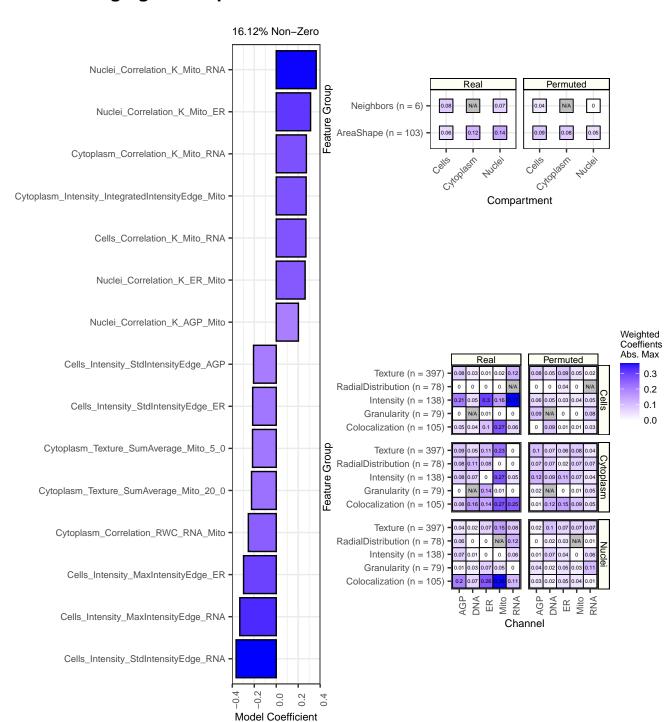
Cell Count - G1+G2



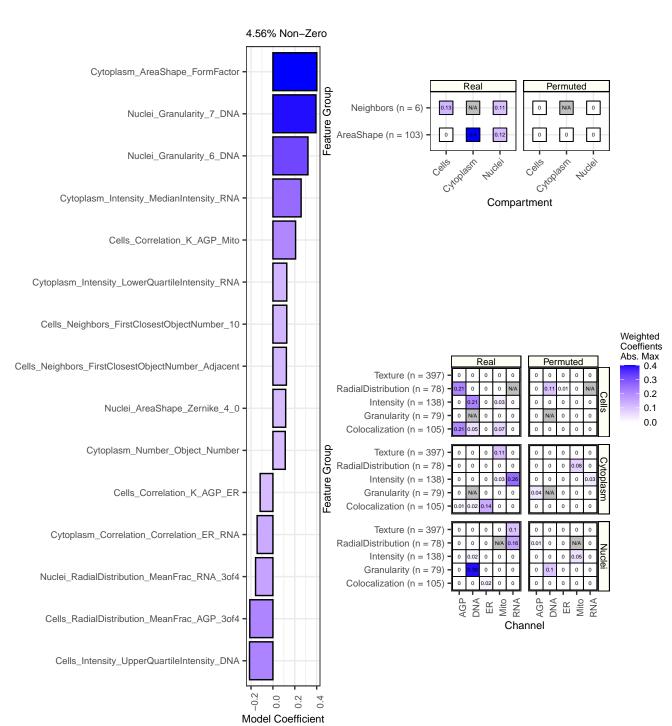
Cell Count - G2/G1



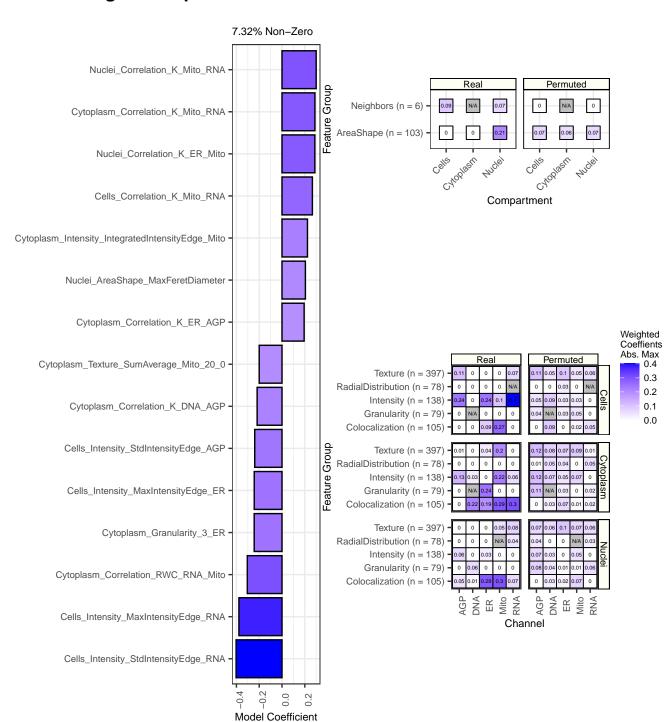
G2 - % High gH2AX Spots



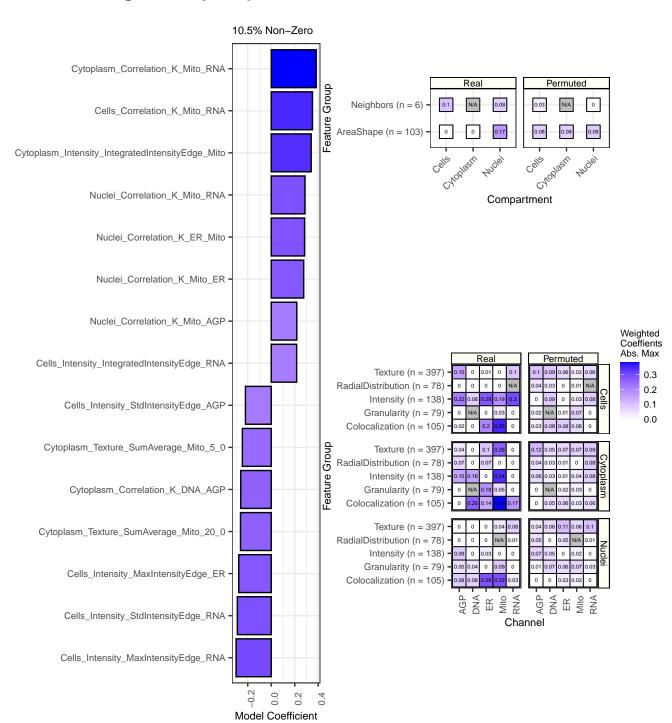
G2 - # cells



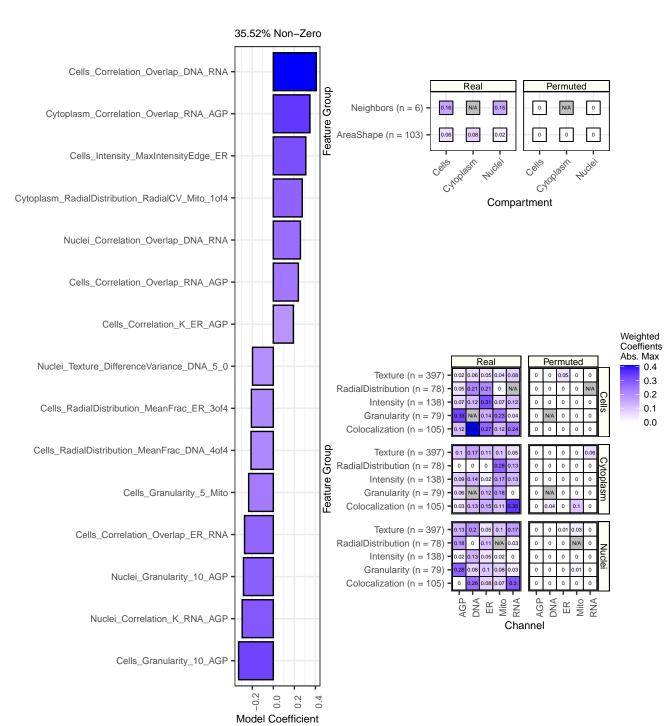
G2 - # of gH2AX Spots



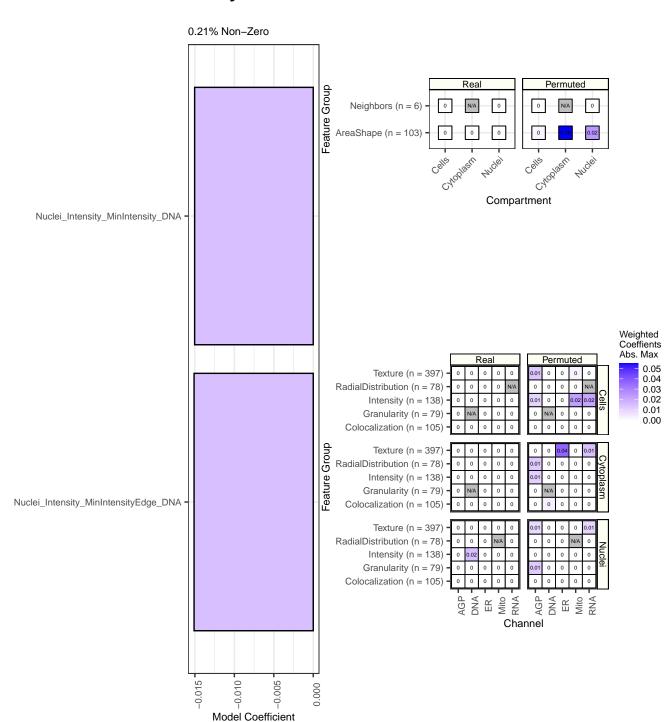
G2 - # of gH2AX Spots per Area of Nucleus

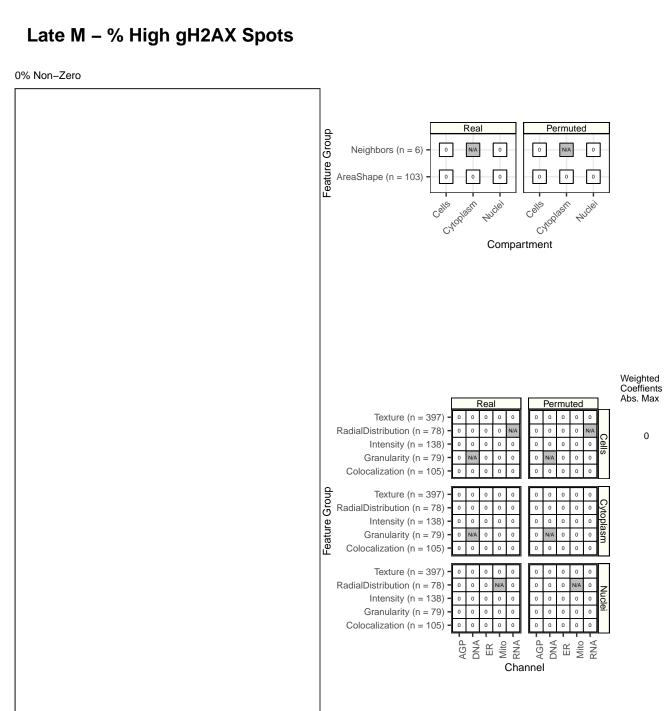


Cell Count - G2 + M



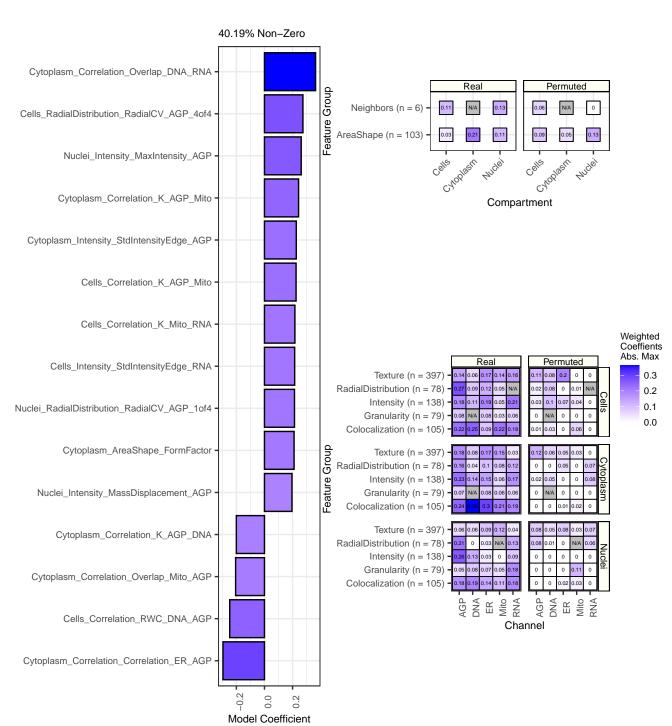
CC - Infection Efficiency



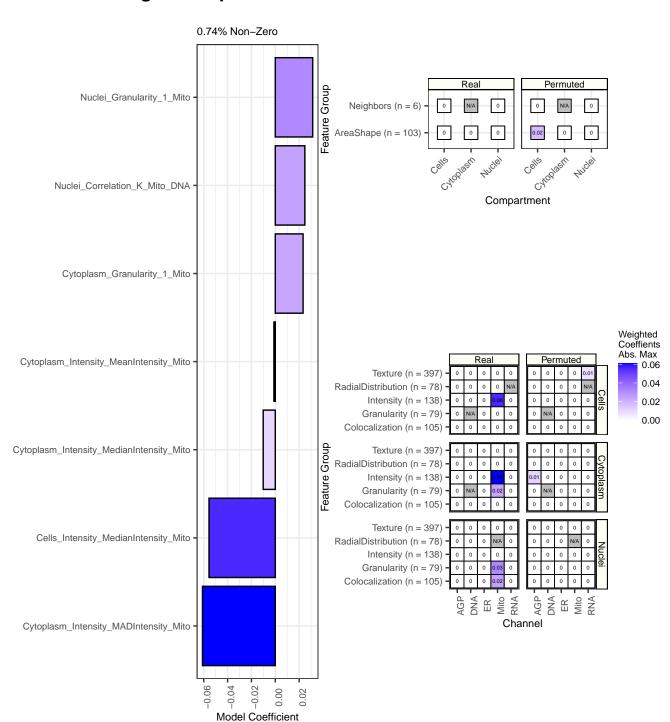


Model Coefficient

Late M - # cells



Late M - # of gH2AX Spots



Late M - # of gH2AX Spots per Area of Nucleus

Model Coefficient

0% Non-Zero Real Permuted Feature Group Neighbors (n = 6)N/A 0 0 0 0 AreaShape (n = 103) Compartment Weighted Coeffients Abs. Max Real Permuted 0.08 Texture (n = 397)0.06 RadialDistribution (n = 78) 0.04 Intensity (n = 138)0 0 0 0.02 Granularity (n = 79) 0 0 0.00 Colocalization (n = 105) Feature Group Texture (n = 397)RadialDistribution (n = 78) Intensity (n = 138)Granularity (n = 79) 0 Colocalization (n = 105) Texture (n = 397)RadialDistribution (n = 78) Intensity (n = 138)Granularity (n = 79) Colocalization (n = 105) Mito. AGP. ER Channel

M - % High gH2AX Spots 0% Non-Zero Real Permuted Feature Group Neighbors (n = 6)N/A 0 0 N/A 0 AreaShape (n = 103) 0 Compartment Weighted Coeffients Abs. Max Real Permuted Texture (n = 397)RadialDistribution (n = 78) 0 Intensity (n = 138)Granularity (n = 79) Colocalization (n = 105) Feature Group Texture (n = 397)RadialDistribution (n = 78) Intensity (n = 138)Granularity (n = 79) Colocalization (n = 105) Texture (n = 397)RadialDistribution (n = 78) Intensity (n = 138)Granularity (n = 79) Colocalization (n = 105)

Mito.

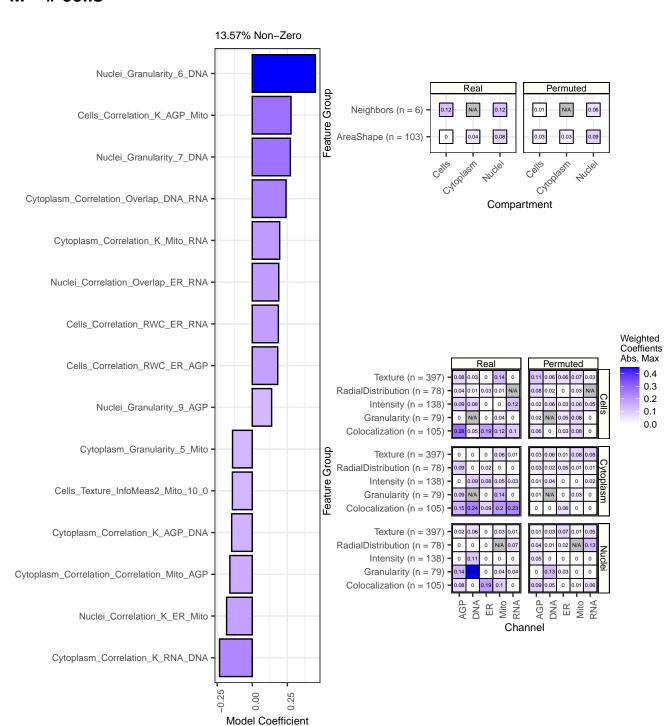
ER

AGP.

Channel

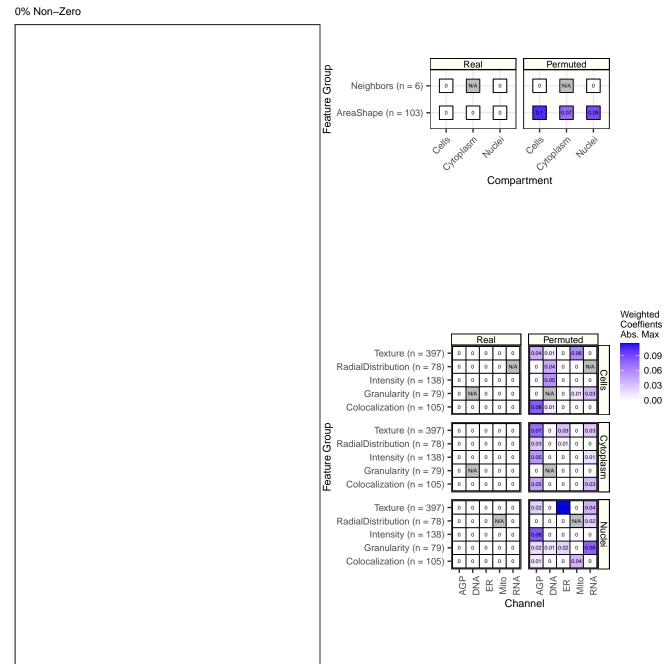
Model Coefficient

M - # cells



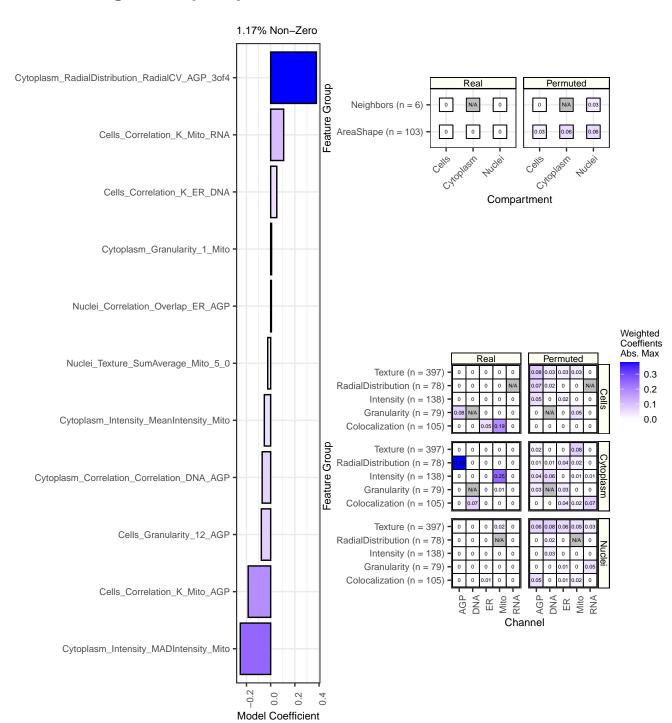
M - # of gH2AX Spots



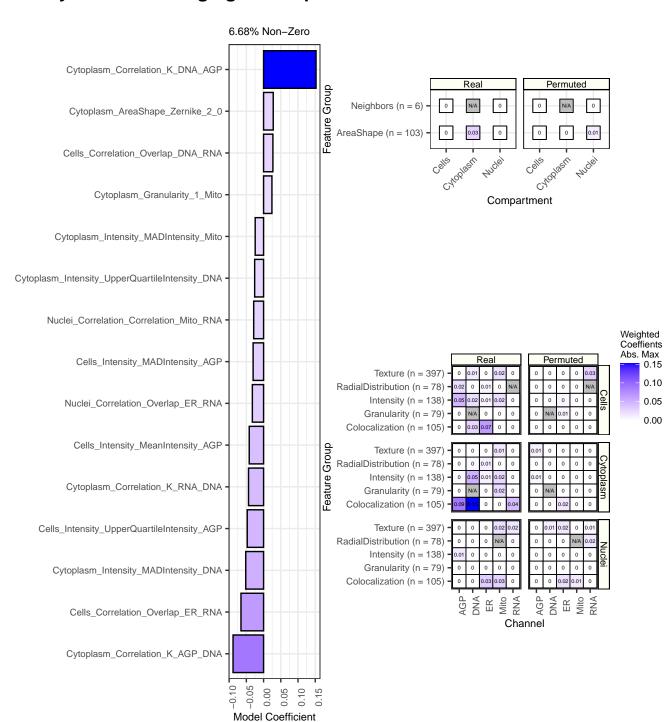


Model Coefficient

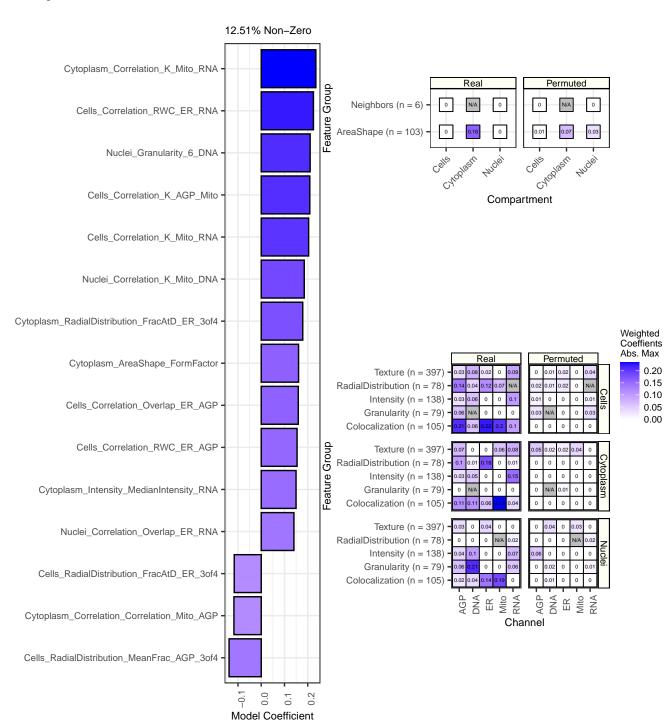
M - # of gH2AX Spots per Area of Nucleus



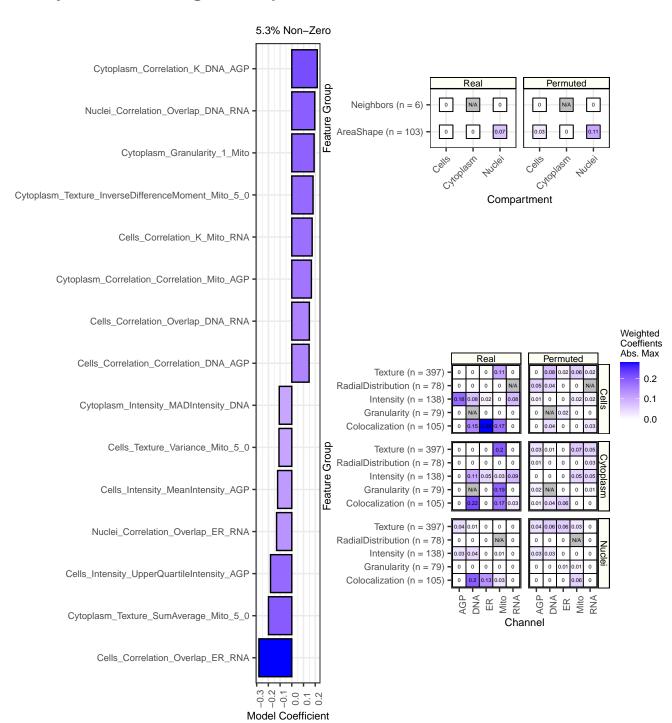
Polynuclear - % High gH2AX Spots



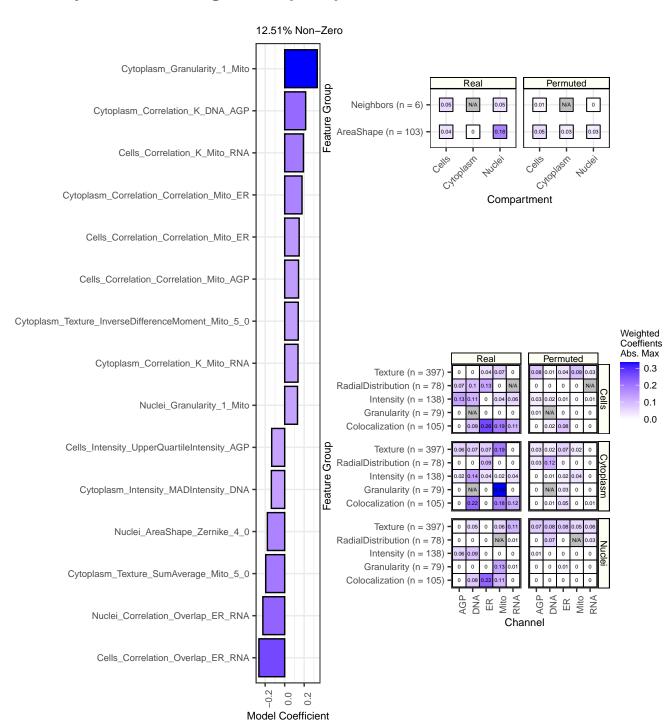
Polynuclear - # cells



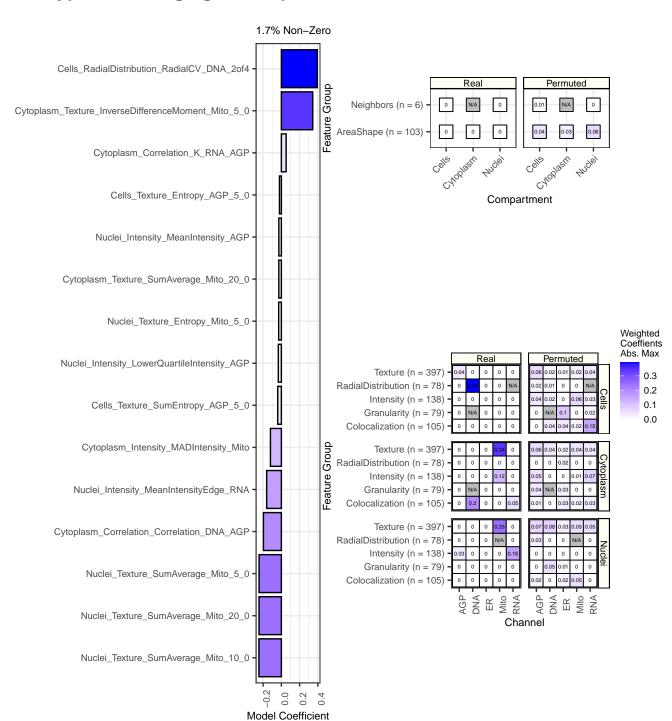
Polynuclear - # of gH2AX Spots



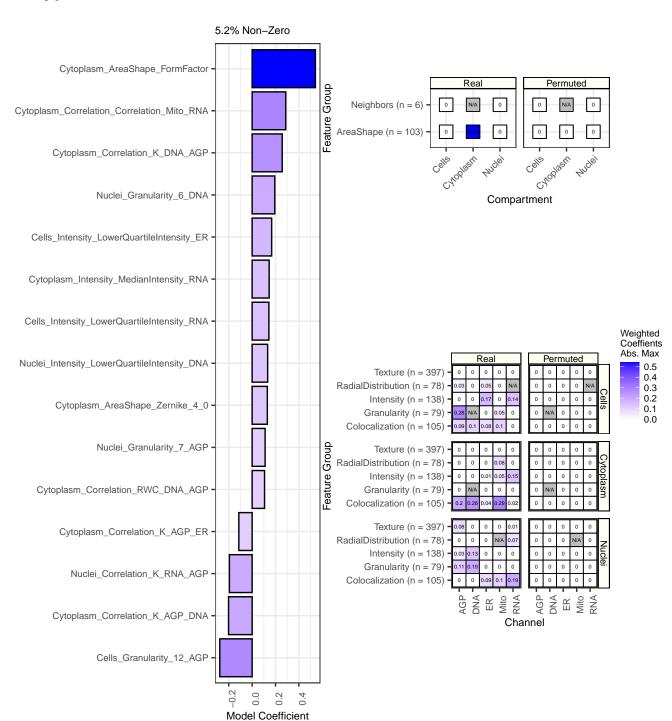
Polynuclear – # of gH2AX Spots per Area of Nucleus



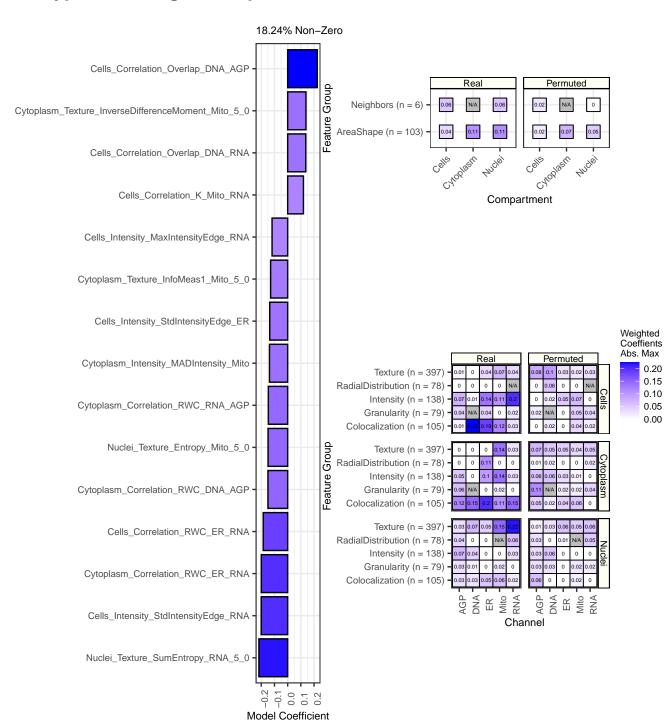
Polyploid - % High gH2AX Spots



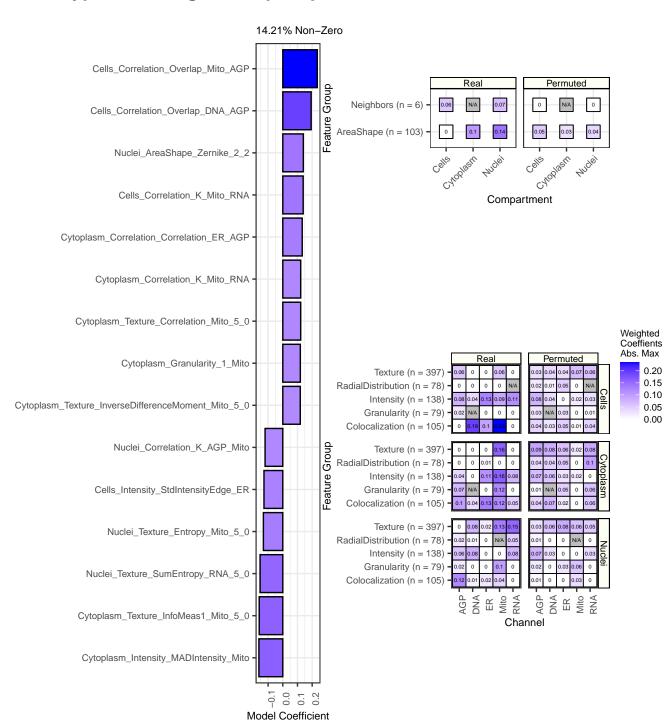
Polyploid - # cells



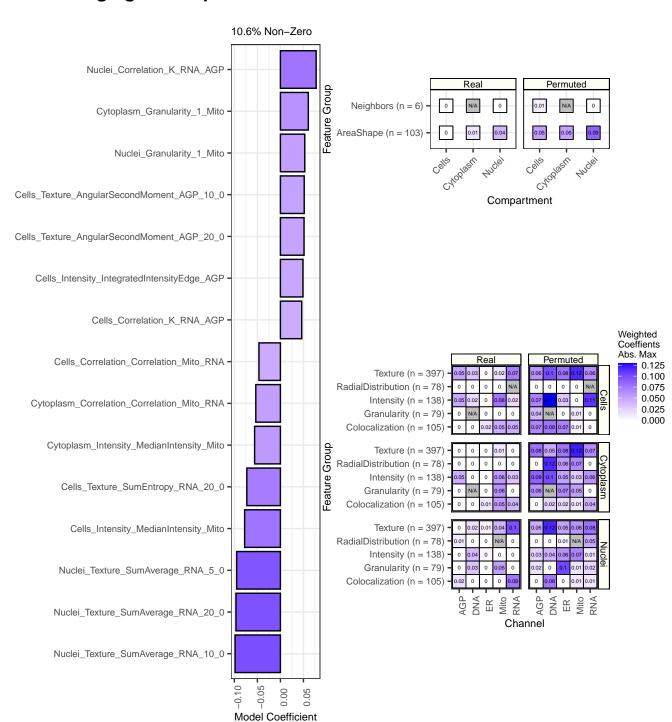
Polyploid - # of gH2AX Spots



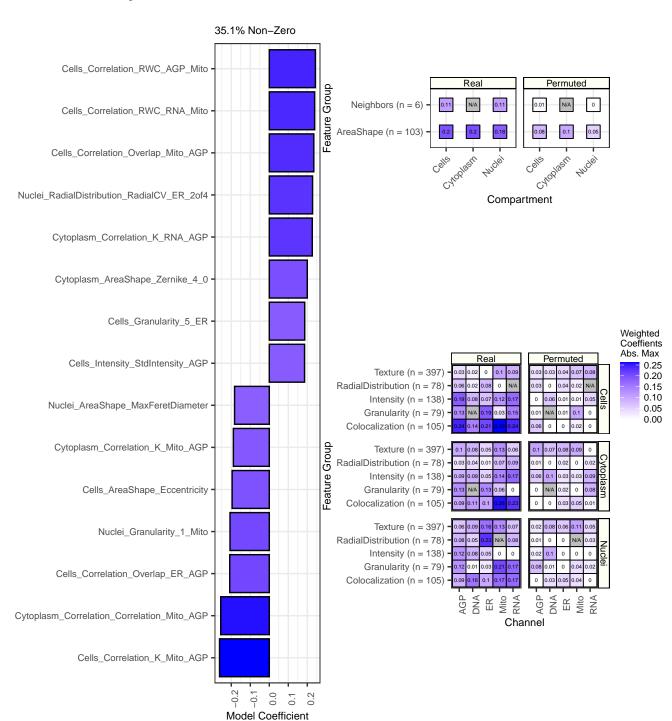
Polyploid – # of gH2AX Spots per Area of Nucleus



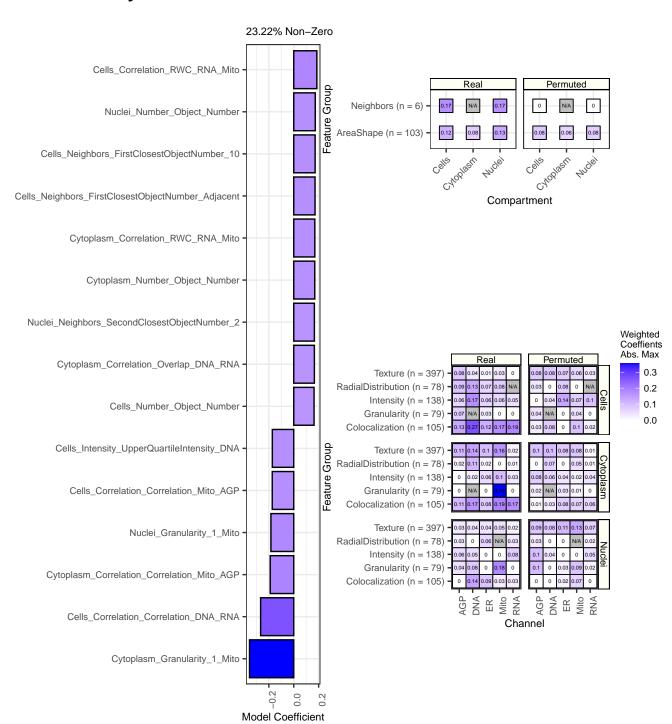
S - % High gH2AX Spots



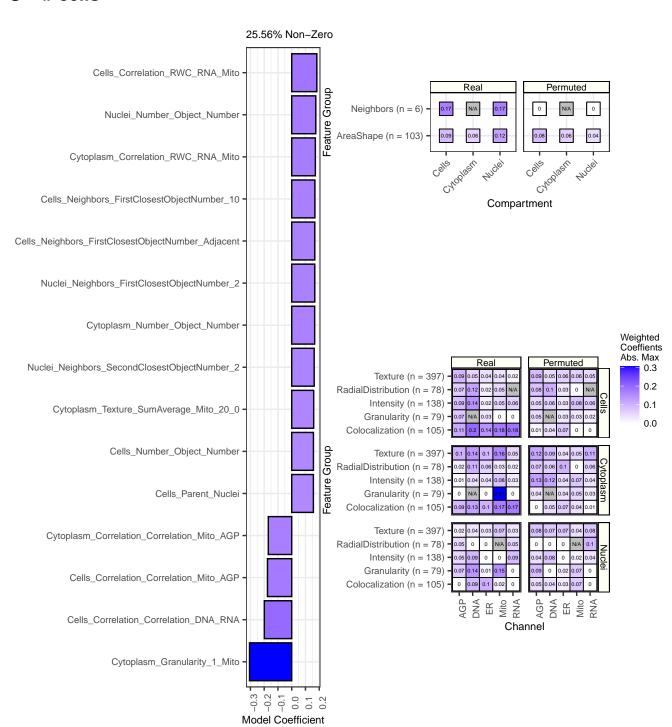
S - Intensity Nucleus EdU Mean



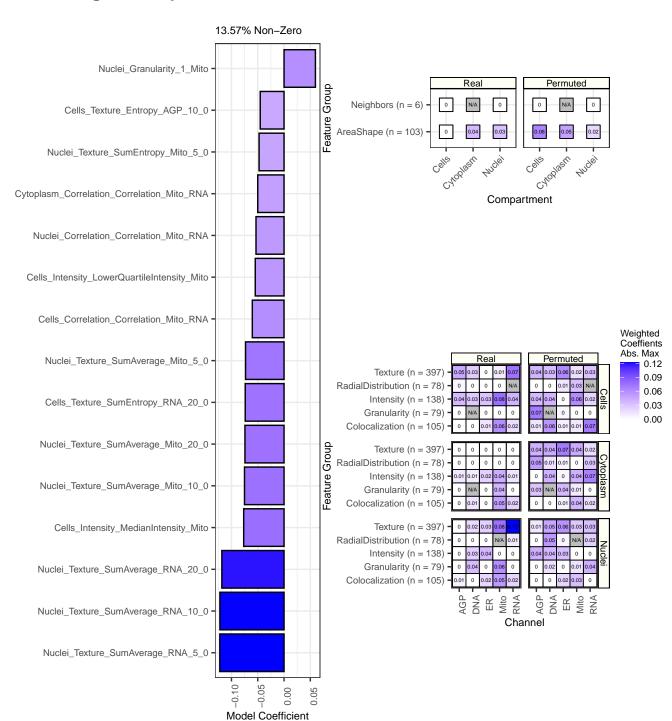
S - Intensity Nucleus EdU Sum



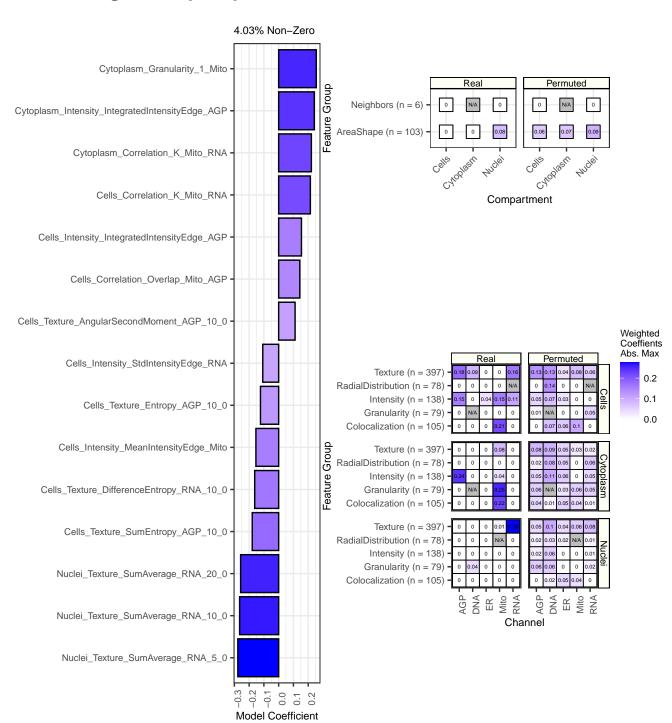
S - # cells



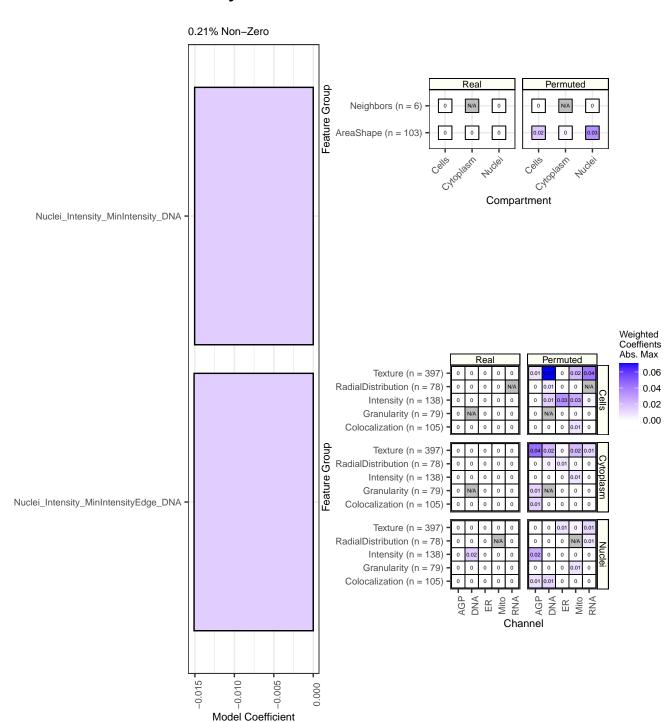
S - # of gH2AX Spots



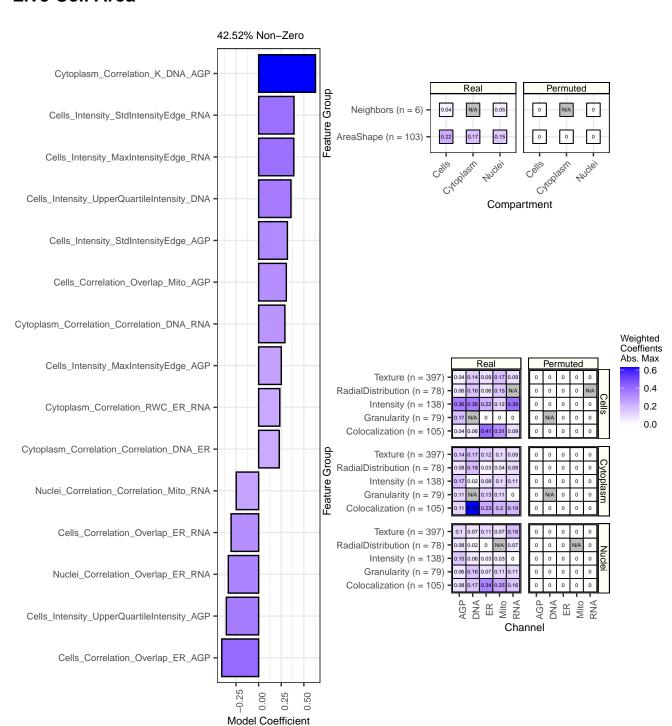
S - # of gH2AX Spots per Area of Nucleus



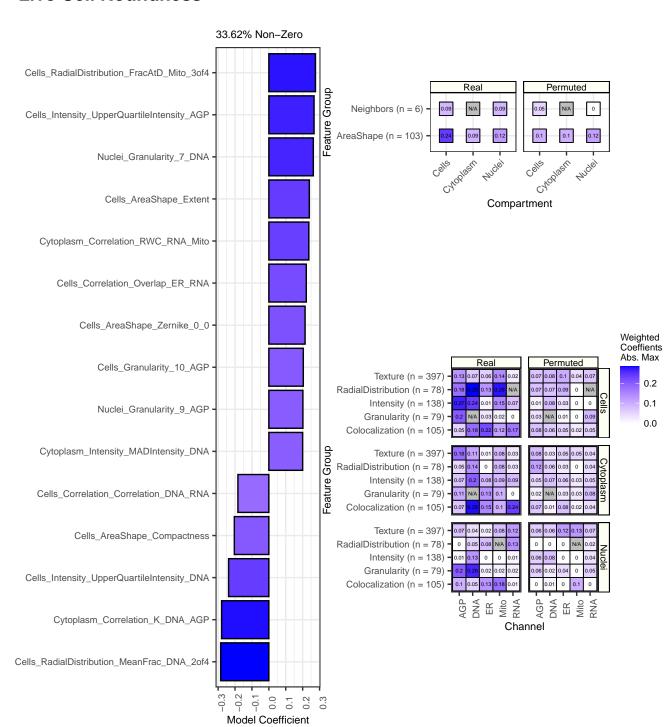
VB - Infection Efficiency



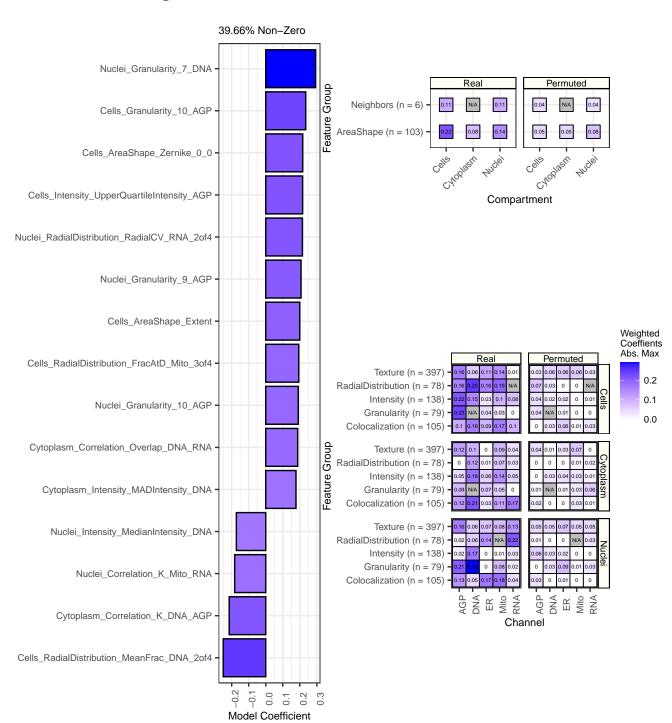
Live Cell Area



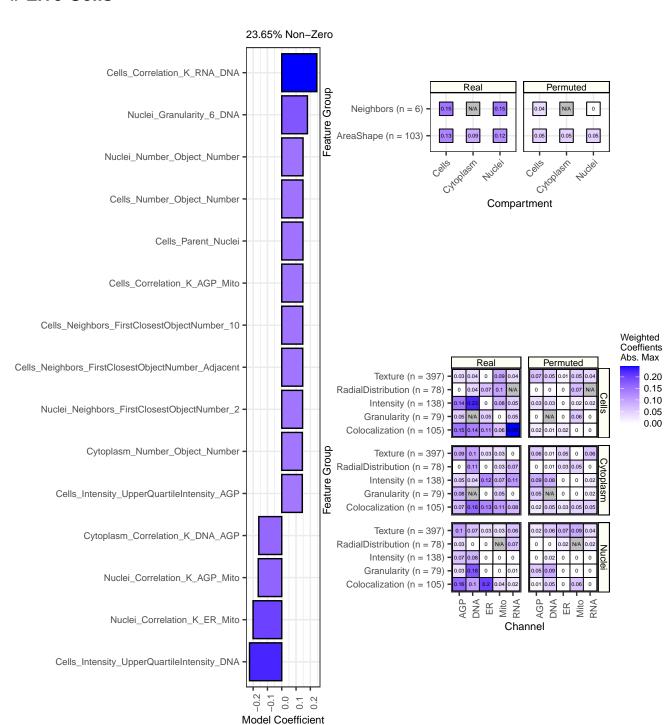
Live Cell Roundness



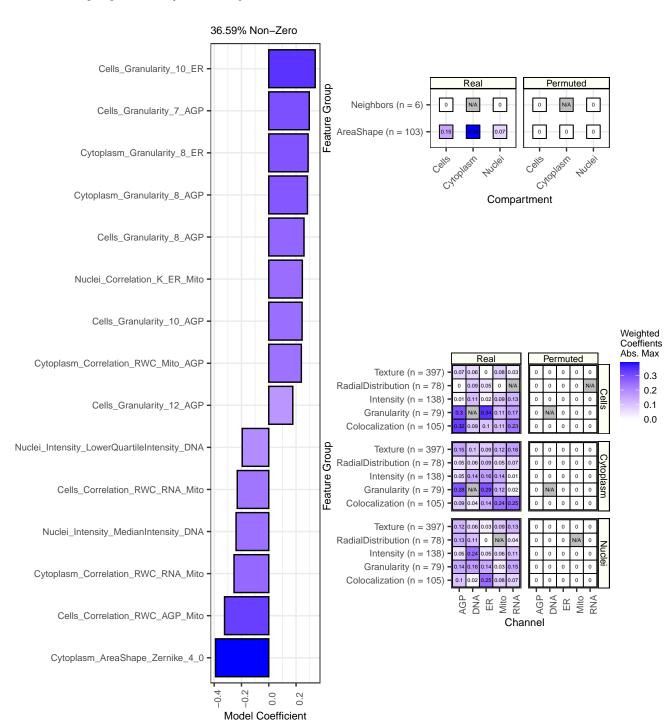
Live Width / Length



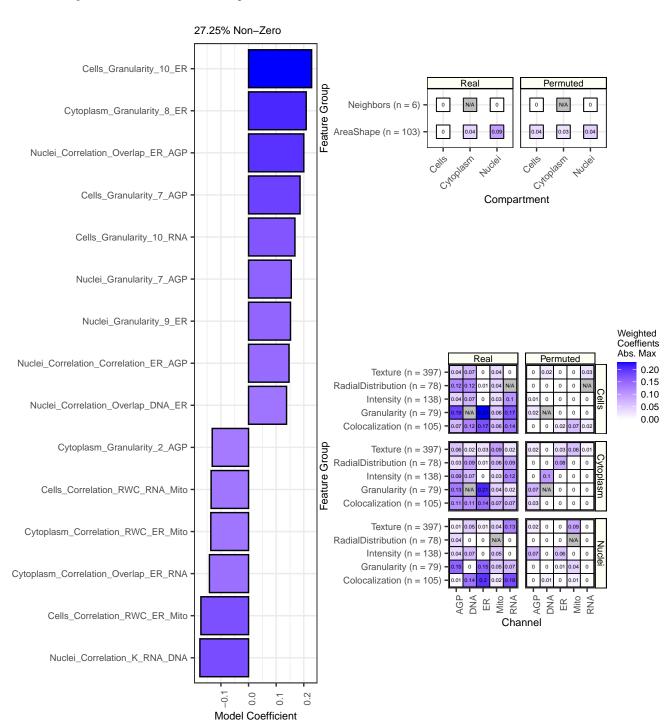
Live Cells



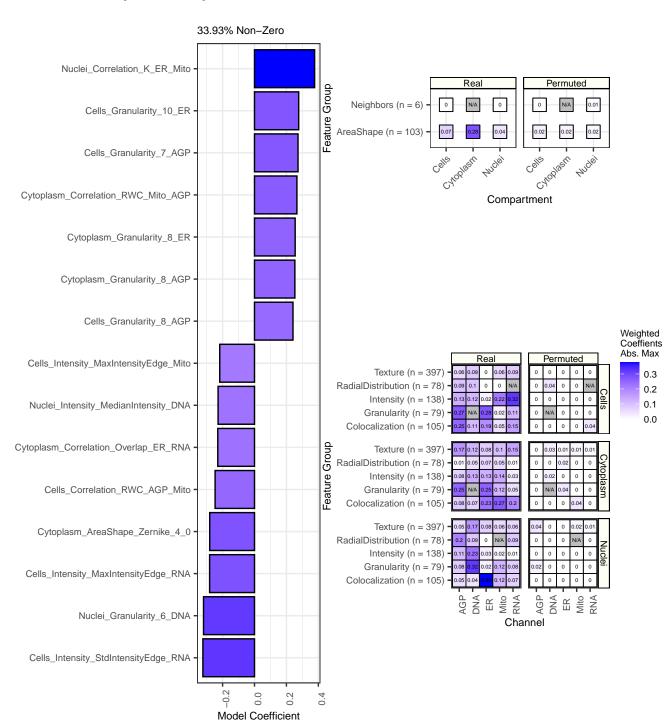
% All Apoptosis (CASP+)



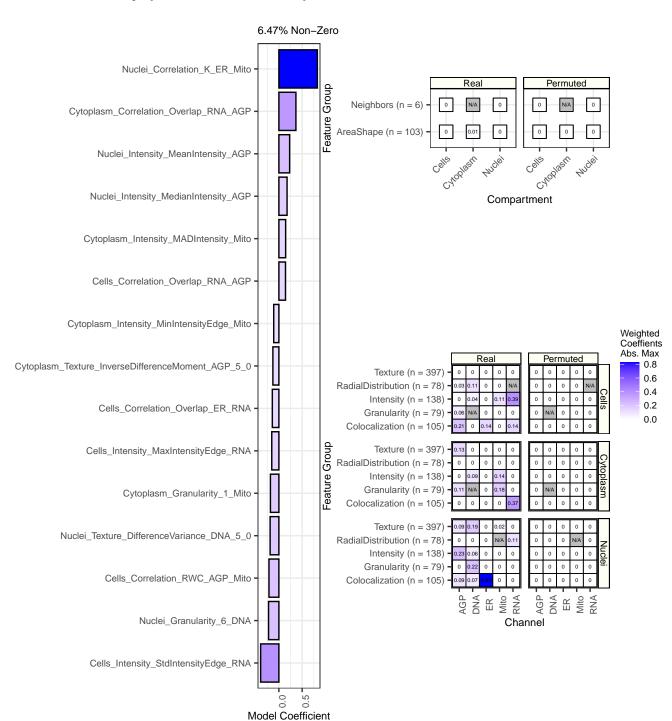
% Caspase / % Dead Only



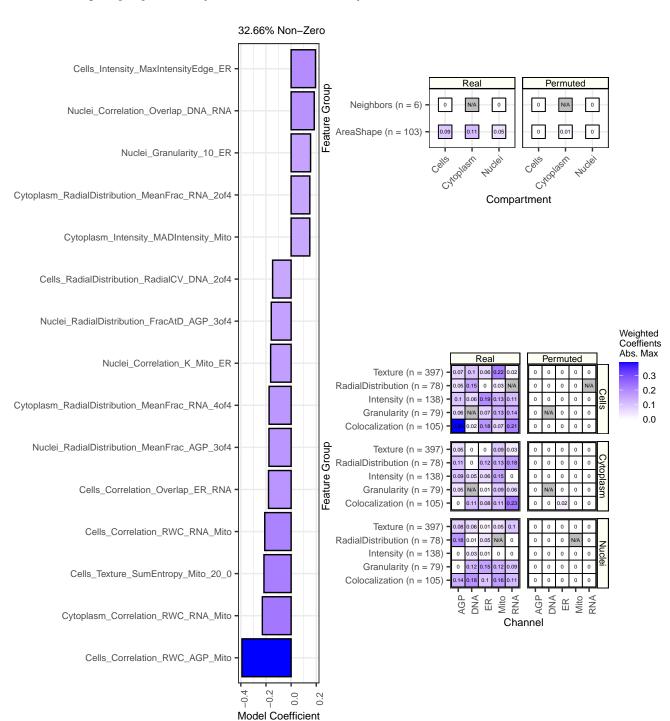
% All Dead (DRAQ7+)



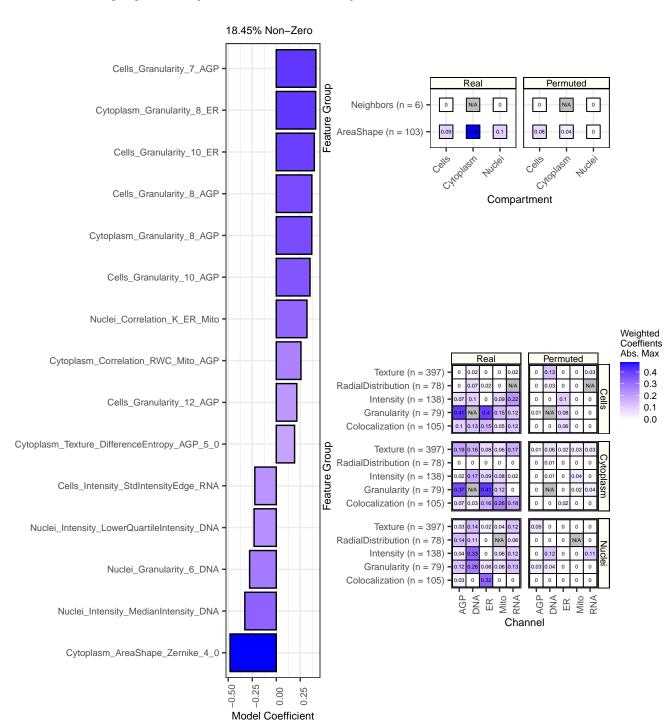
% Dead Only (CASP-; DRAQ7+)



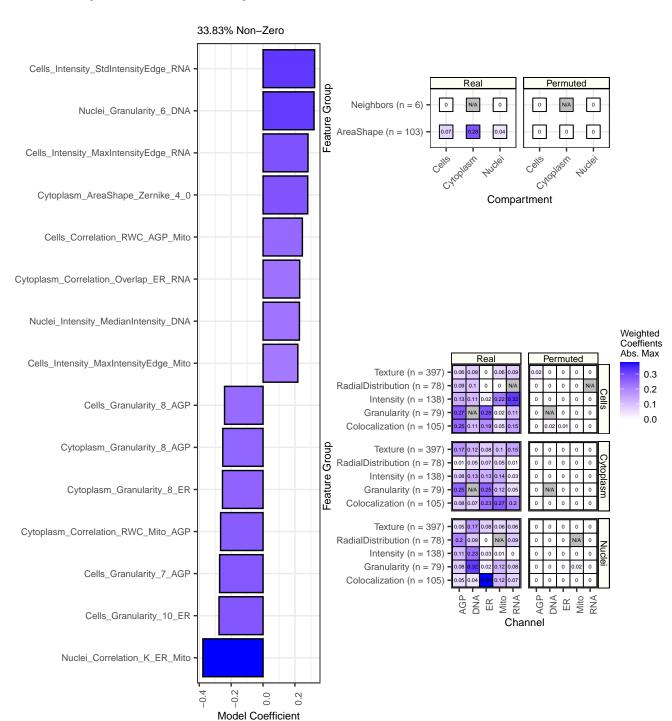
% Early Apoptosis (CASP+; DRAQ7-)



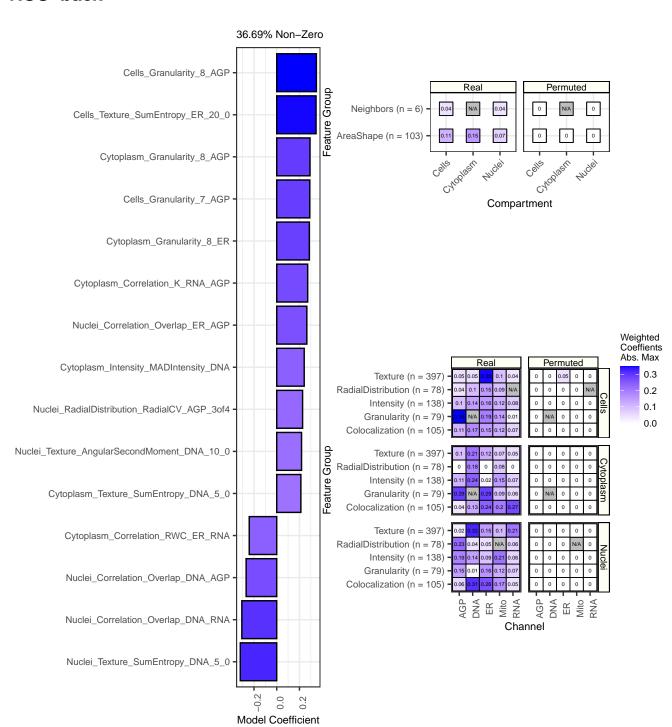
% Late Apoptosis (CASP+; DRAQ7+)



% Live (DRAQ7-; CASP-)



ROS-back



ROS

