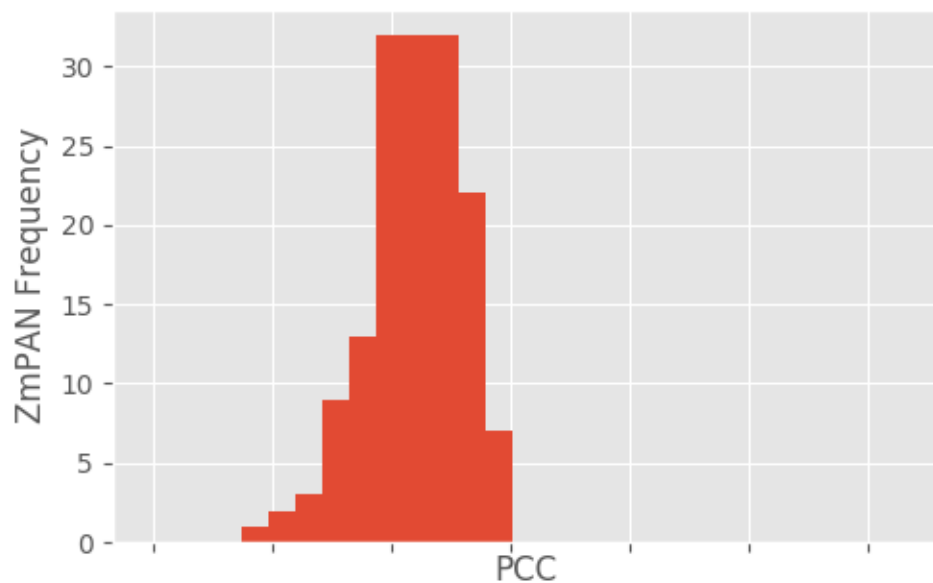# Correlation distributions of gene specific density vs locality