

Cross-Validation Stability Analysis Performance Consistency Across 5 Folds

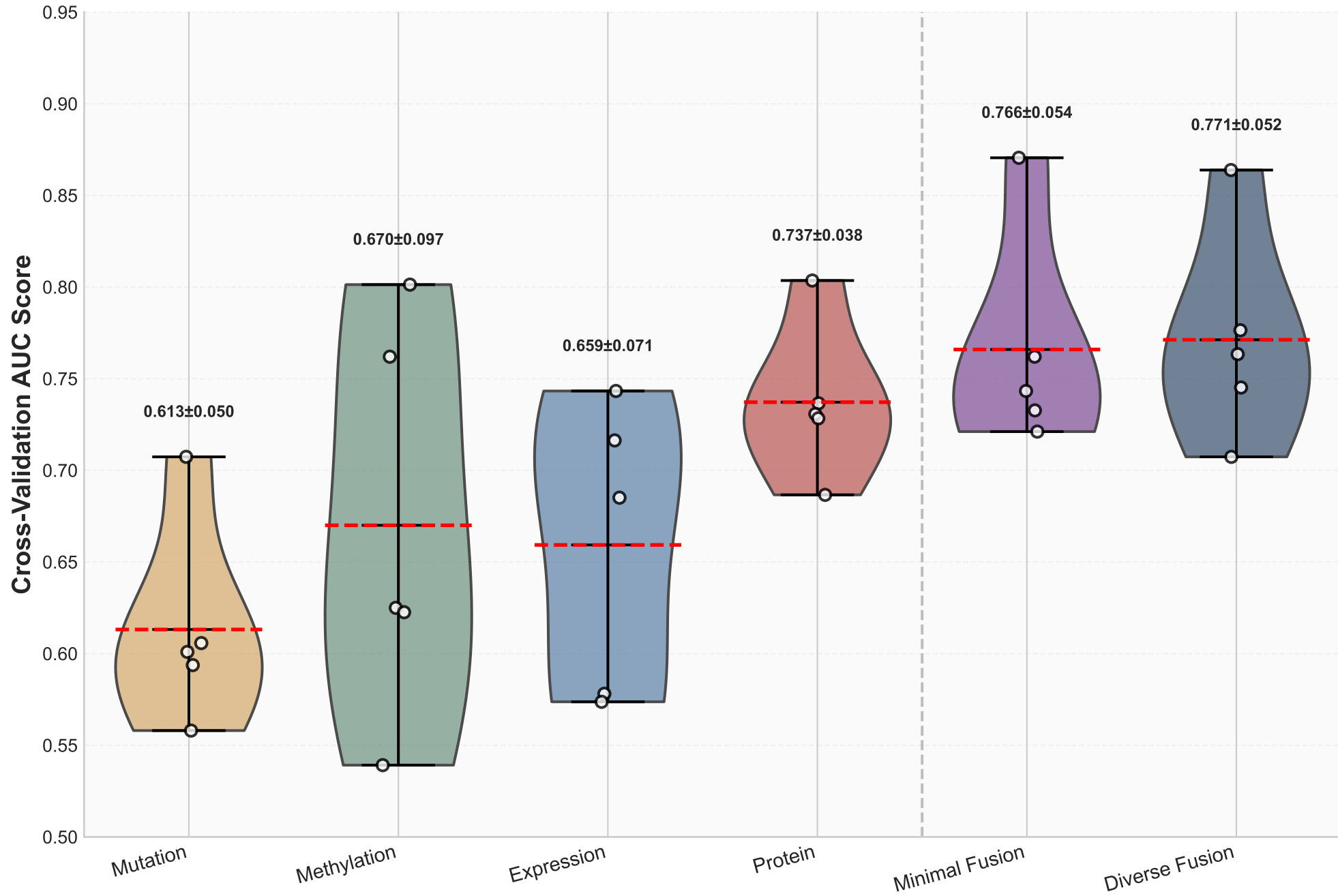


Figure 4. Cross-validation stability analysis showing performance consistency across 5 folds. Violin plots reveal that protein modality has the highest and most stable performance among individual modalities (0.706 ± 0.051), while fusion approaches achieve superior and consistent results, with diverse fusion reaching 0.771 ± 0.052 AUC.