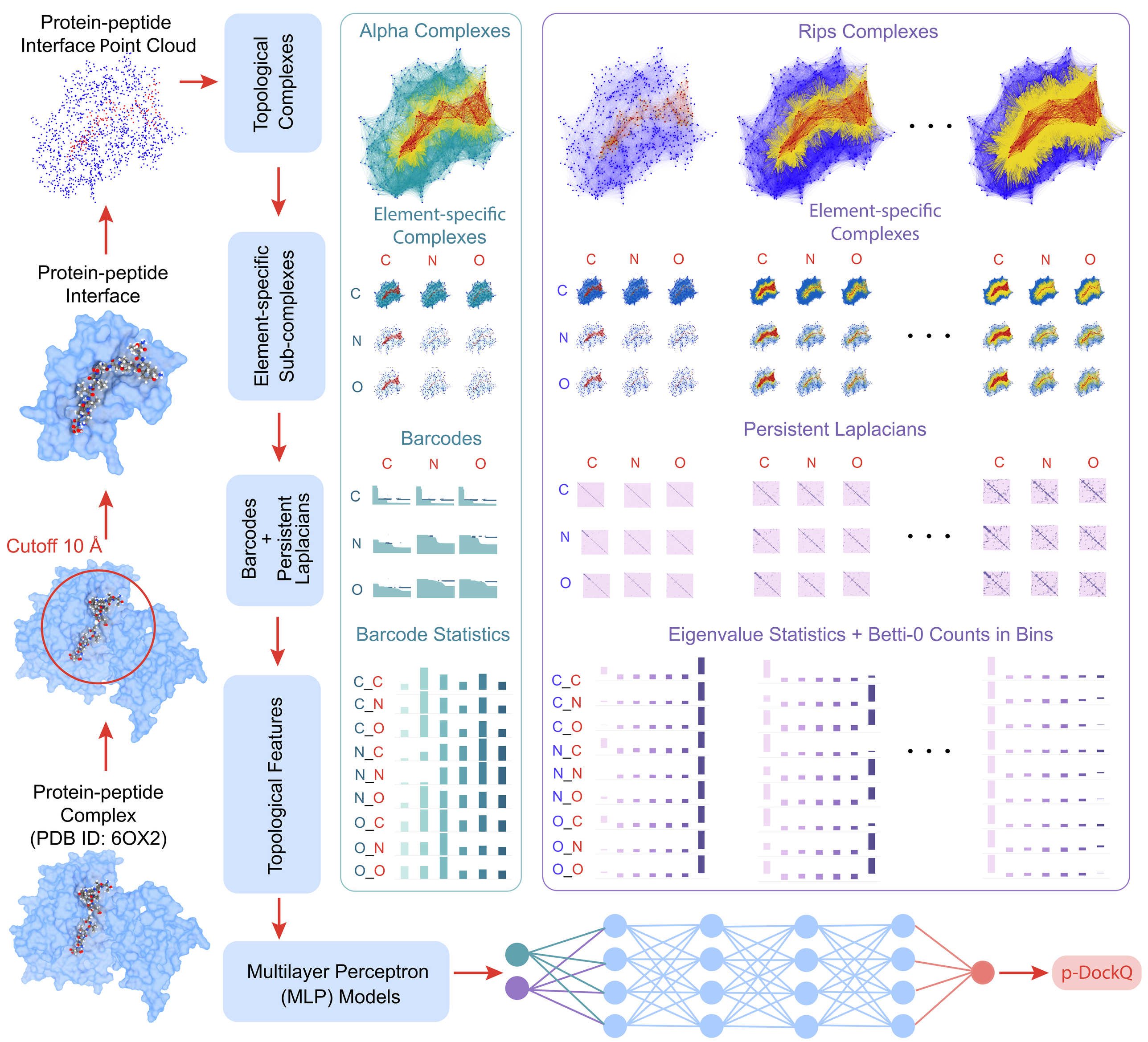
Protein-peptide Interface Point Cloud
Topological Complexes
Alpha Complexes
Rips Complexes
Element-specific Complexes
Protein-peptide Interface
Element-specific Sub-complexes
Element-specific Complexes
C N O
Barcodes
Persistent Laplacians
Cutoff 10 Å
Barcodes + Persistent Laplacians
Barcode Statistics
Eigenvalue Statistics + Betti-0 Counts in Bins
C_C C_N C_O N_C N_N N_O O_C O_N O_O
Protein-peptide Complex (PDB ID: 6OX2)
Topological Features
Multilayer Perceptron (MLP) Models
p-DockQ