Trajectory Pattern Classification Across All Databases
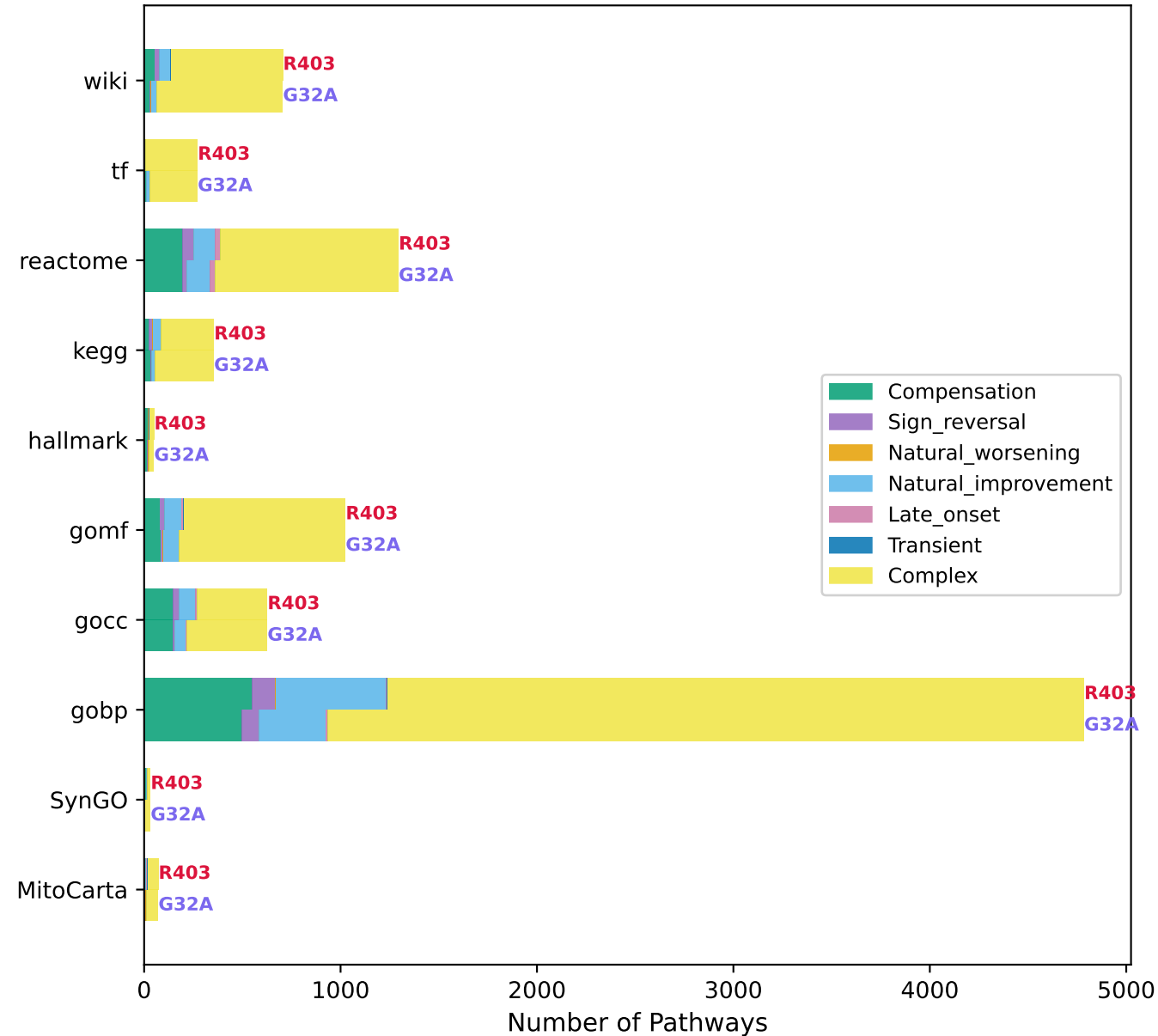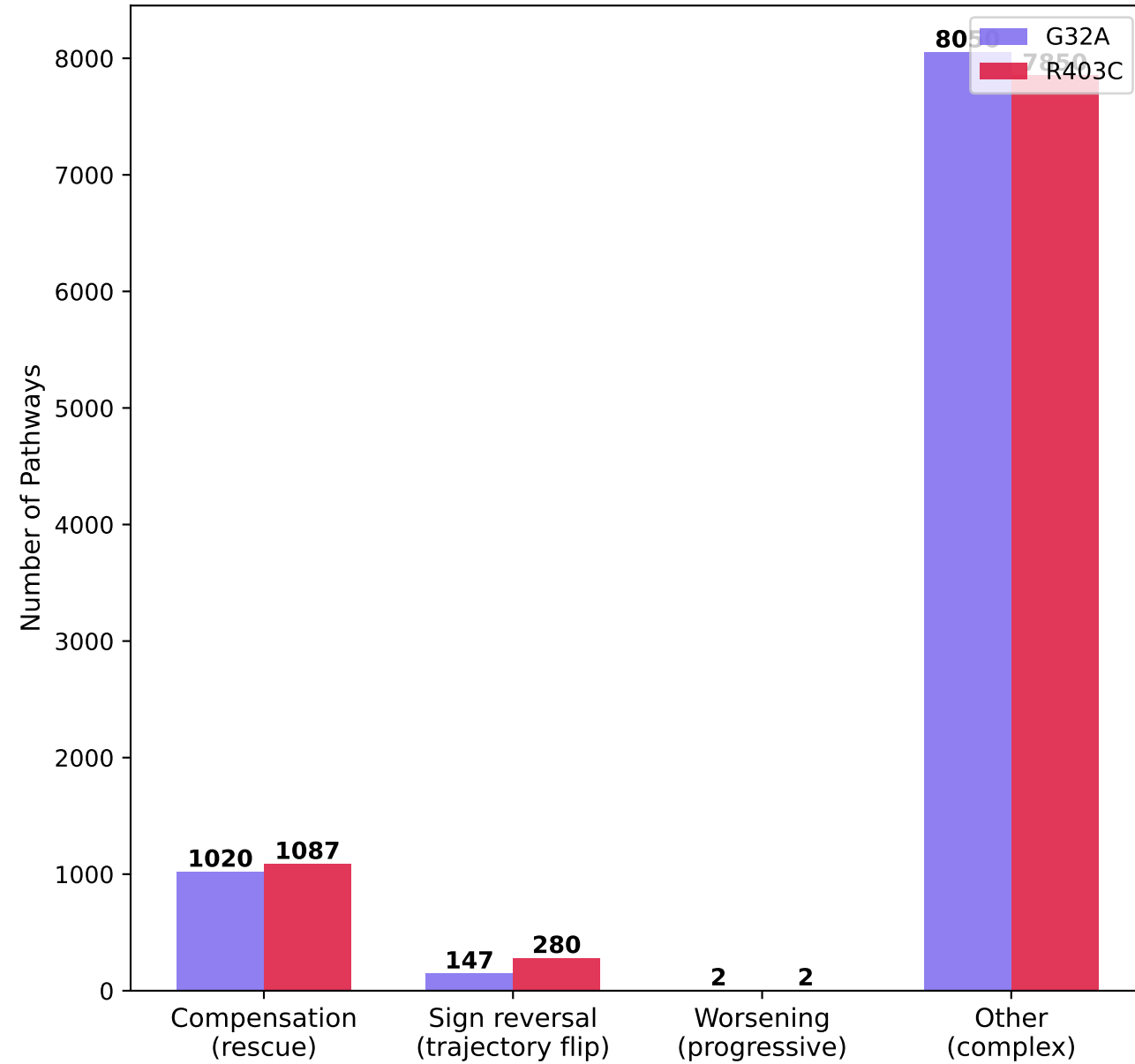

A. Pattern Distribution by Database

B. Summary: Compensation vs Worsening

Legend:
- Compensation
- Sign_reversal
- Natural_worsening
- Natural_improvement
- Late_onset
- Transient
- Complex

G32A / R403C

Databases (top to bottom): wiki, tf, reactome, kegg, hallmark, gomf, gocc, gobp, SynGO, MitoCarta

B. Summary values:
- Compensation (rescue): 1020 (G32A), 1087 (R403C)
- Sign reversal (trajectory flip): 147 (G32A), 280 (R403C)
- Worsening (progressive): 2 (G32A), 2 (R403C)
- Other (complex): 80.. (G32A), 7850 (R403C)

Key Finding: R403C shows 1087 compensation pathways vs 1020 for G32A suggesting stronger adaptive responses in R403C mutation.