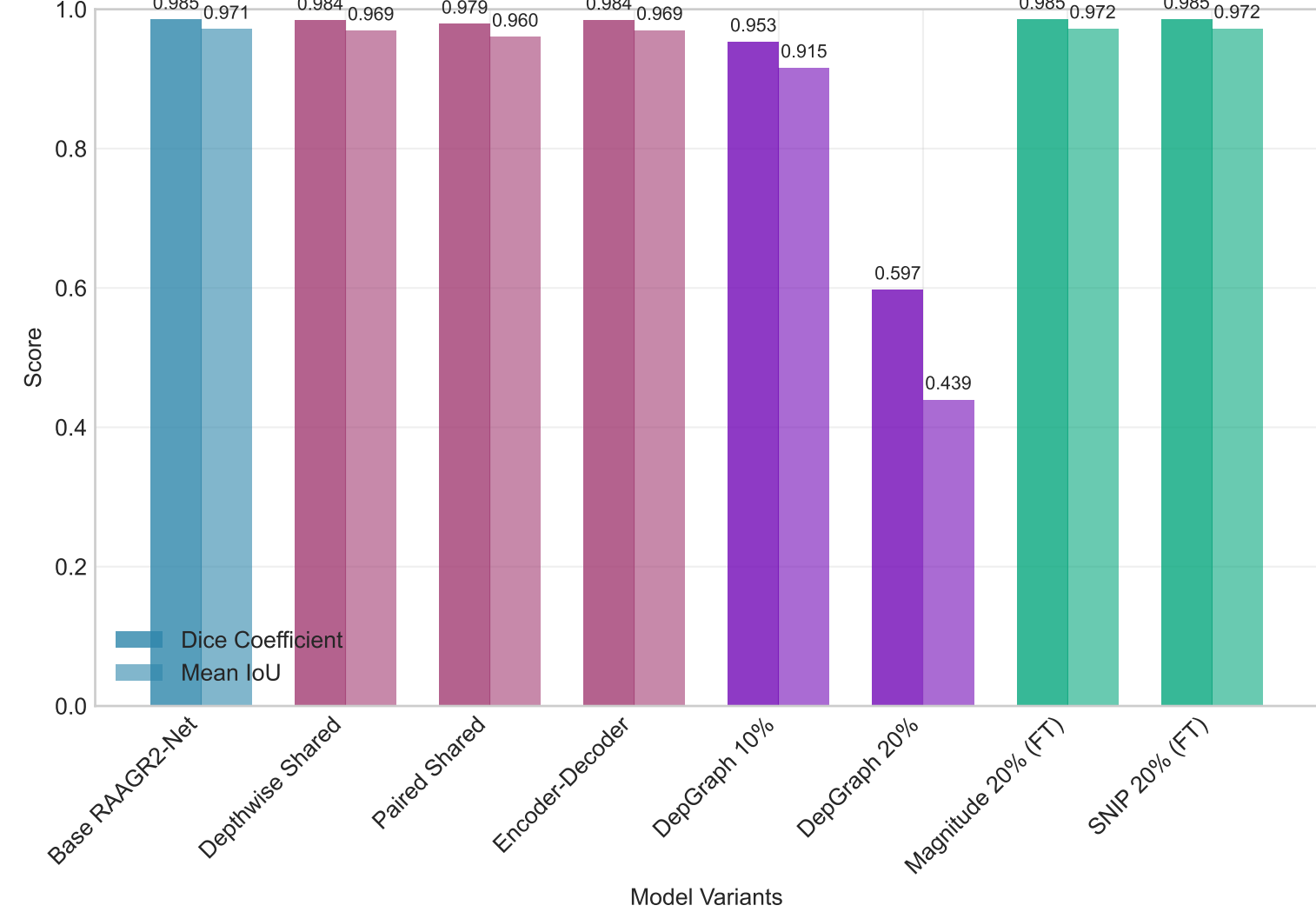
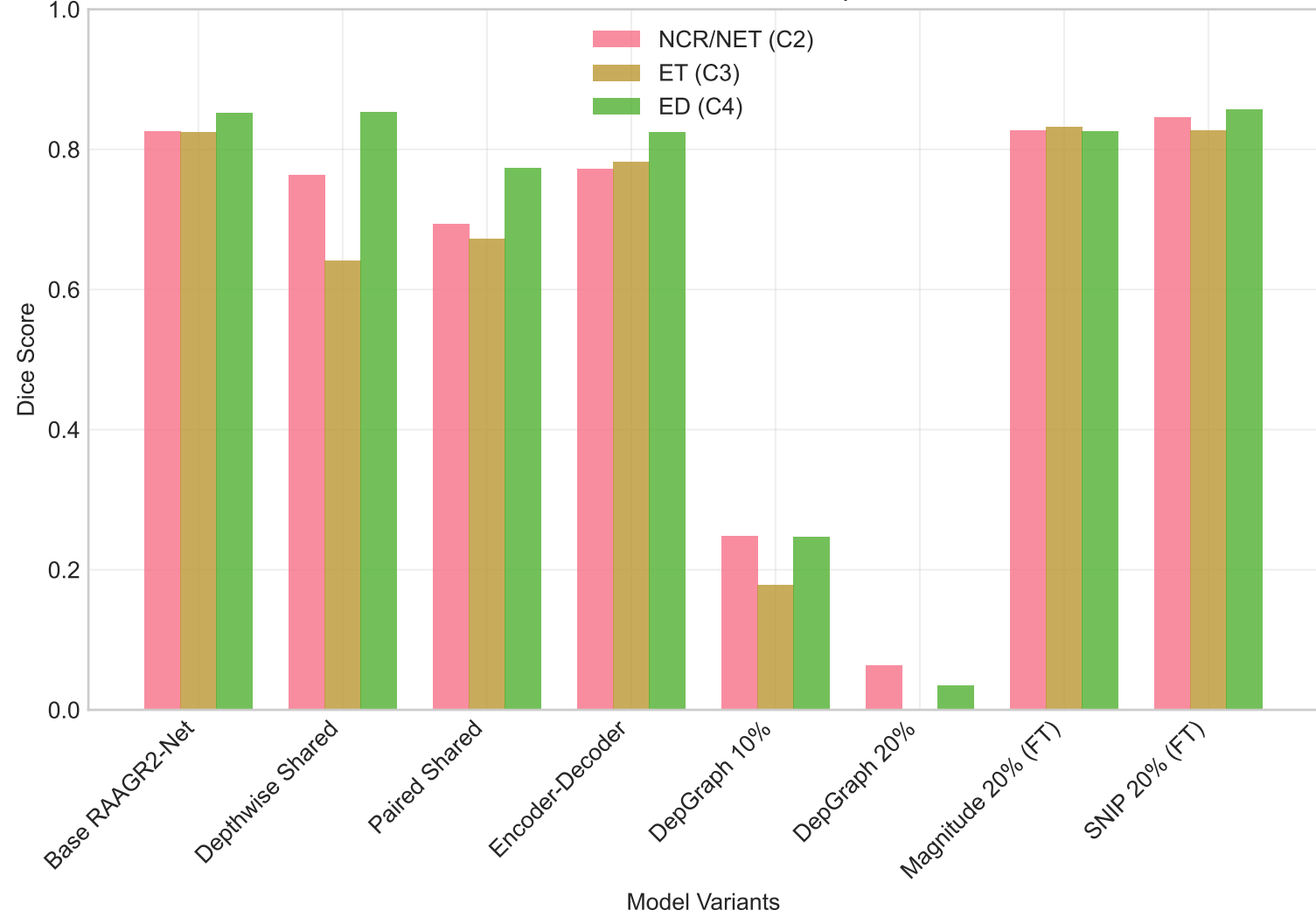


Performance Metrics Comparison Across Model Variants

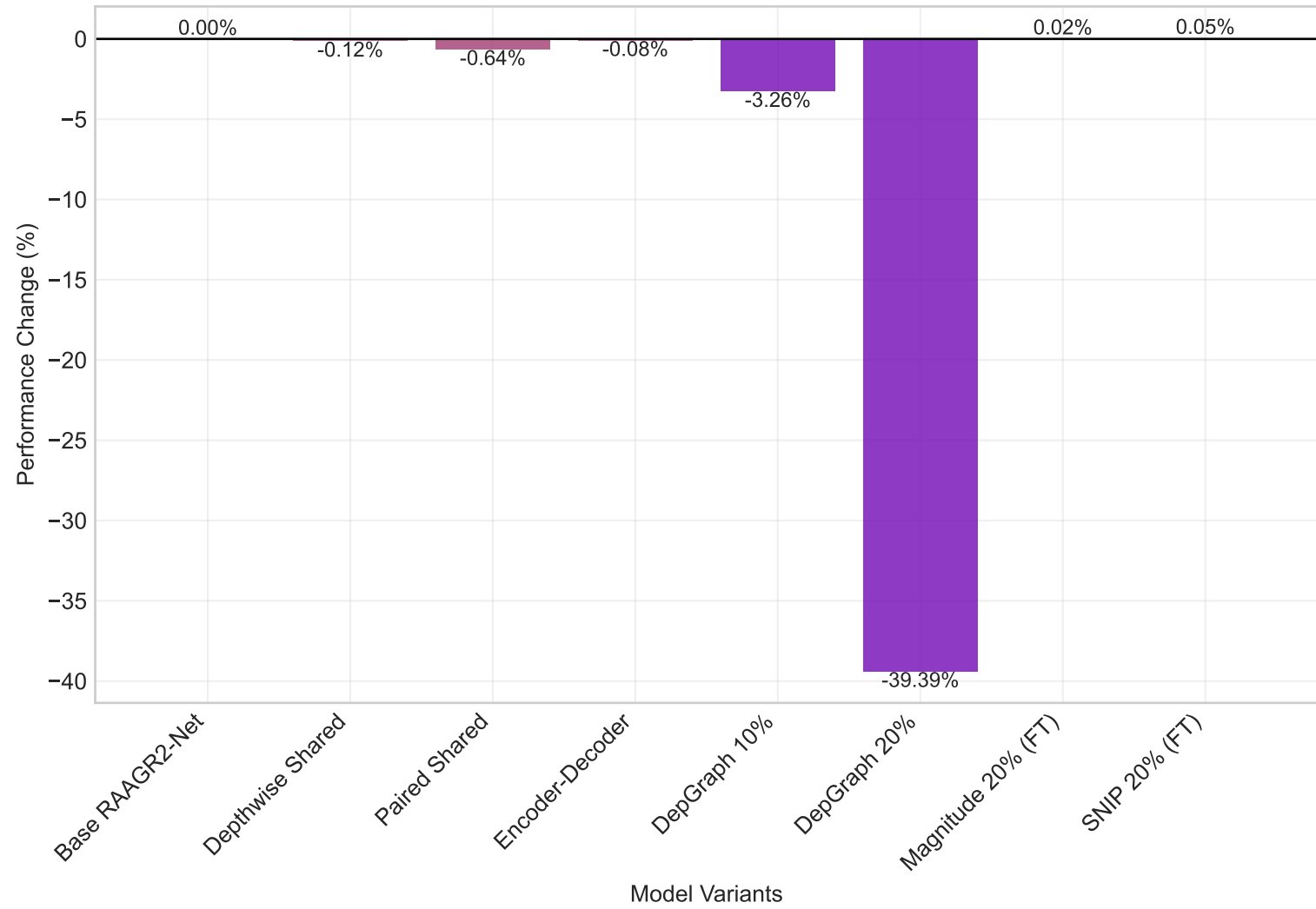
Overall Performance: Dice Coefficient & Mean IoU



Class-wise Performance Comparison



Performance Relative to Base Model



- Model Categories
- Base Model
 - Architectural Modifications
 - DepGraph Pruning
 - Finetuned Pruning

Summary Statistics:

Best Overall: SNIP 20% (FT)
Dice: 0.9854

Best Efficiency: Depthwise Shared
43.4% parameter reduction
0.12% performance loss

Key Finding: Architectural modifications
outperform traditional pruning