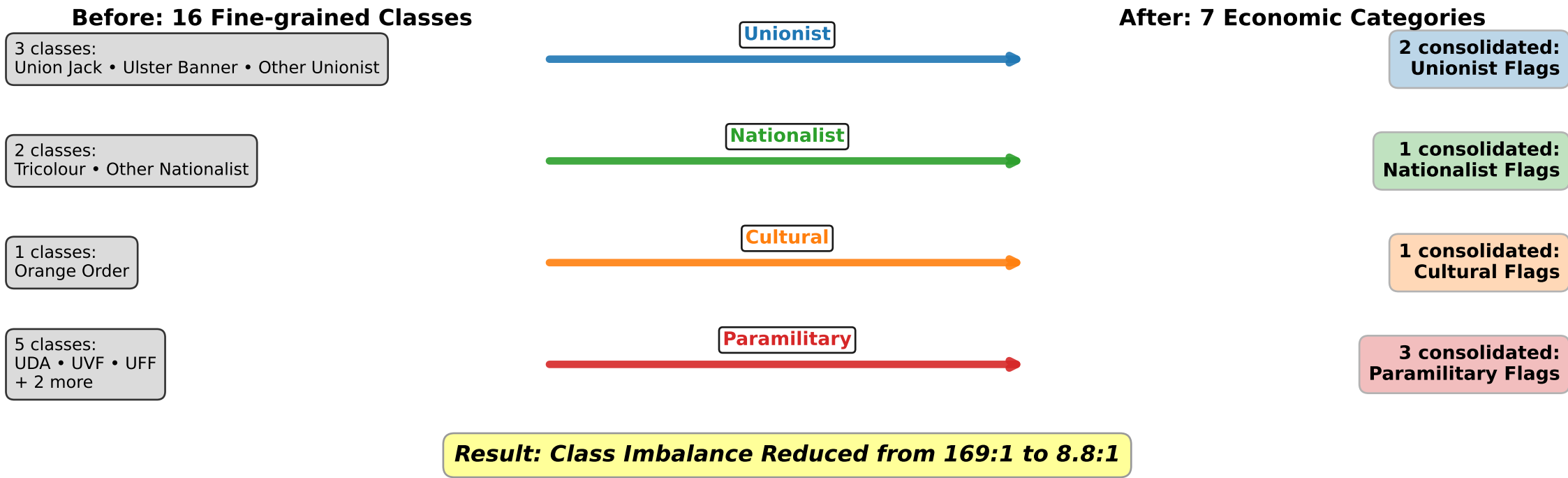
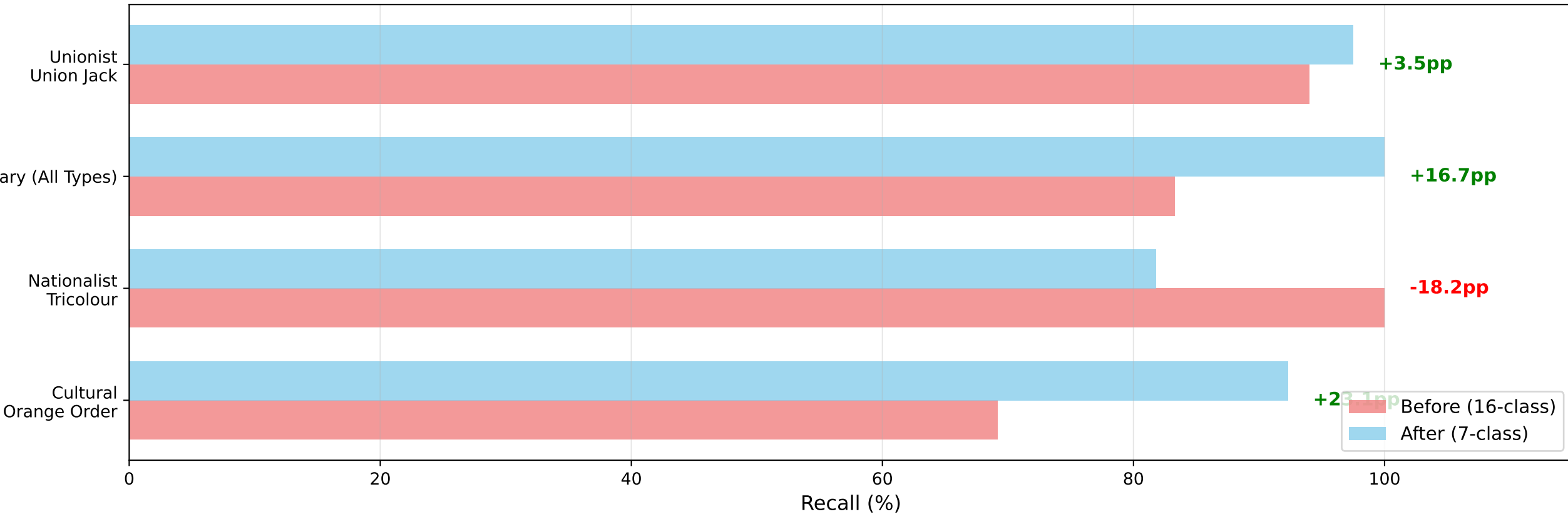


# Economic Consolidation Impact Analysis

## Economic Consolidation Flow (16→7 Classes)



## Performance Impact by Flag Type



## Overall Impact Summary

### Macro-F1 Improvement

68.8% → 86.3%

+17.5pp

### Class Imbalance Reduction

169:1 → 8.8:1

19× improvement

### Paramilitary Recall

83.3% → 100%

Perfect classification

### Orange Order Improvement

69.2% → 92.3%

+23.1pp (largest gain)

**Economic consolidation transforms extreme imbalance into manageable classification task**