

Multi-Institutional Studies

Broader Data Diversity

Access to diverse patient populations across regions and demographics

Larger Sample Size

Combined datasets enable robust statistical analysis

Privacy Preserved

Collaboration without sharing raw patient data

Better Generalization

Models trained on heterogeneous data perform better

Research Outcomes

- ✓ Faster rare disease diagnosis
- ✓ Improved treatment predictions
- ✓ Reduced model bias
- ✓ Enhanced clinical decision support