

# **Enabling Meta-analysis with a Research Data Repository**

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# How Can Research Data Repositories Support Meta-analysis?

- Meta-analysis is typically based on published results
- Research Data Repositories offer the opportunity to compare results directly from data
- Researchers can produce comparable estimates from similar data

### **Enabling Sharing**

- Cataloging and tagging
- Disclosure Risk Review
- Tiered access options
- Preservation

#### **Enabling Discovery**

- Common location of study data on similar topics
- Standardized documentation
- Study- and variable-level metadata

- Search and compare studies
- Compare variables across studies
- Explore data and examine preliminary crosstabs

## **Enabling Replication and Re-analysis**

- Common data formats
- Compare variables
- Standardized codebooks (data dictionaries)

#### **Enabling Comparison of Results**

- Access to data from multiple similar studies
- Comparable study metadata
- Estimate comparable regressions
- Bibliography of prior research