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