**Approximate Work Effort for Projects Based on Size**

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| **Small-scale Project Attributes** |
| Sample size: n <500 |
| <50 variables |
| Time frame of data is <5 years |
| Cross-sectional study design |
| Minimal or no manipulation of source data required |
| Data are from a single source |
| Building and/or managing REDCap projects |

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| **Medium-scale Project Attributes** |
| Sample size: n = 500 – 1,000 |
| 50 - 100 variables |
| Time frame of data is 5 – 10 years |
| Repeated measures or longitudinal study design |
| Some manipulation of source data required |
| Data are from 2-3 sources and must be merged |

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| **Large-scale Project Attributes** |
| Sample size: n >1,000 |
| >100 variables |
| Time frame of data is >10 years |
| Repeated measures or longitudinal study design |
| Manipulation of several data points from source data required |
| Data are from multiple sources and must be merged |

Factors to help determine work effort of project:

* Amount of Data
* Sample size
* Number of variables
* Time frame that data are being collected from
* Cleanliness and complexity of data
* Analytic detail needed for project
* Data manipulation required of source data
* What data do we have access to (e.g., CRDW)?
* What data do we need (e.g., will manual data collection be needed)?
* Can internal data and external data be married together? Is there a unique identifier used to link the different datasets?
* What can be augmented from external sources (e.g., echo software)?