

## Protocols Column Descriptions

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Column descriptions for data provided in Protocols-Dataset\_Sep23.csv. The Method column indicates how data is gathered, whether from XML file data or found by DataSeer's assessment.

Column Name	Column description	Method	Additional Notes
DOI	Digital object identifier (DOI) for each article	XML	
Protocol_Shared	Was a protocol shared in this text as assessed by DataSeer algorithm	DataSeer	Labeled "Yes" or "No"
Protocol_Location	Location of protocol(s) detected.	DataSeer	Labeled "Publication", "Repository" or "Supplemental Information". Multiple locations are separated by " " (e.g. Publication   Repository)
Protocol_Source	Name of protocol location if it falls into the "Publication" or "Repository" category.	DataSeer	
Protocol_URL	URL of identified protocols	DataSeer	
Pub_Day	Publication day of article	XML	"epub" date is used
Pub_Month	Publication month of article	XML	"epub" date is used
Pub_Year	Publication year of article	XML	"epub" date is used
Pub_Quarter	Publication quarter based on the publication date	DataSeer	In format yearquarter, e.g. 2023Q2.
Cohort	Which publisher cohort the article belongs to	XML	Labeled "PLOS" or "Comparator"