



Tumor Growth Data Set: Data Dictionary

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Data Set Title:	Tumor Growth Data Set
Excel File name:	TumorGrowth.xlsx

Data Dictionary

NOTE -- THE EXCEL FILE ("TumorGrowth.xlsx") HAS 2 WORKSHEETS. DICTIONARIES ARE PROVIDED FOR BOTH.

The data are typically provided by researchers in a 'wide' format, as shown in the worksheet "OriginalData". The associated dictionary is:

Position	Variable	Variable Label	Units	Codes
1	Day		day	0-28
2-9	101-108		mm ³	
10-19	201-210		mm ³	
20-29	301-310		mm ³	
30-38	401-409		mm ³	

For the analyses, the data need to be stacked into a 'long' format. This can be done by reading in the original data into a statistical package and manipulating them accordingly. For ease of the user, the resulting data have been provided in the worksheet "AnalysisData". The associated dictionary is:

Position	Variable	Variable Label	Units	Codes
1	Grp		{text}	"1.CTR", "2.D", "3.R", "4.D+R"
2	Group			1=control, 2=drug, 3=radiation, 4=drug+radiation
3	ID			101-108, 201-210, 301-310, 401-409
4	Day		day	0-28
5	Size		mm ³	0-2500

Grp and **Group** are the experimental group variables (the first one is a text variable, the second one is a numeric variable).

ID is the animal ID.

Day is the follow-up day (0 to 28).

Size is the tumor volume (in mm³).

- *This dictionary also applies to the SAS, Stata, and R datasets.*