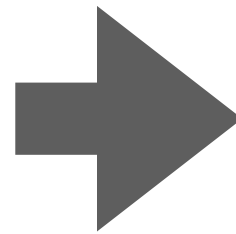


Formatting data for qplot() or ggplot()

Wide data: What human eyeballs like to make and read

Annual crop loss (acres)

Country	2012	2013	2014
A	65000	74000	119000
B	32000	47000	15000
C	54000	55000	62000
D	50000	73000	90000



Long data: What qplot and ggplot2 want

Country	Year	Acres
A	2012	65000
A	2013	74000
A	2014	119000
B	2012	32000
B	2013	47000
B	2014	15000
C	2012	54000
C	2013	55000
C	2014	62000
D	2012	50000
D	2013	73000
D	2014	90000

“Tidy” data are data where:

1. Each variable is in a column.
2. Each observation is a row.
3. Each value is a cell.