

## Reshape

- 1) Prepare data in Table 1 and convert to Table 2 using melt.

City	Month	Min Temp	Max Temp	Max Wind
Sydney	January	19	26	10
London	January	15	5	6



City	Month	Variable	Value
Sydney	January	Min Temp	19
Sydney	January	Max Temp	26
Sydney	January	Max Wind	10
London	January	Min Temp	15
London	January	Max Temp	5
London	January	Max Wind	6

- 2) Convert the data back to Table1 format using dcast.
- 3) Create 100 random numbers between 1 and 20. (hint:use sample with replace=TRUE ). Using table() function show the count of each number generated
- 4) Prepare the mpg Vs gear table from mtcars data using table() function