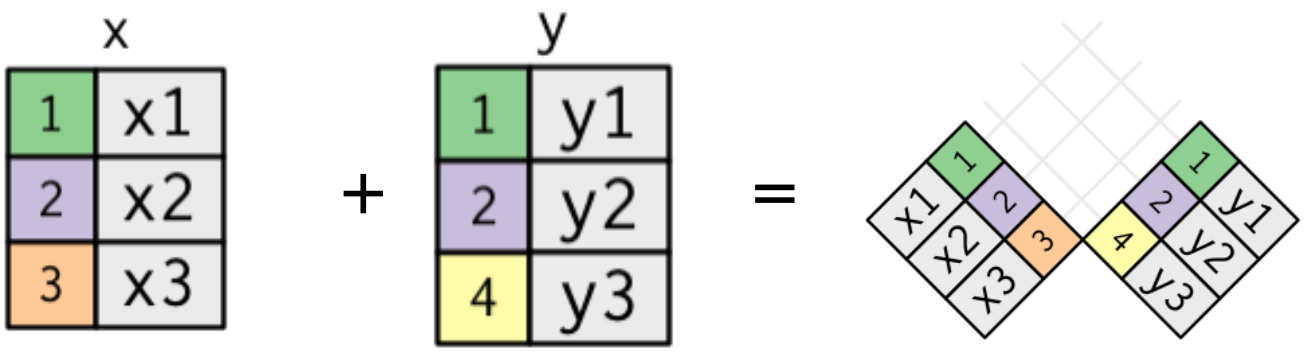
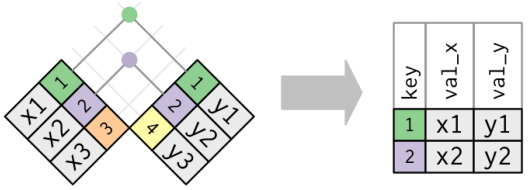
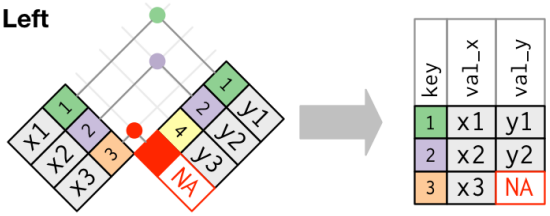
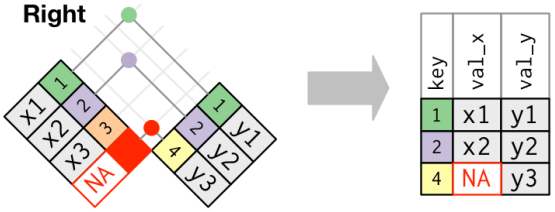
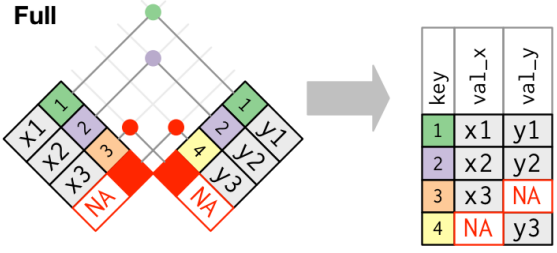
Original data sets:



Mutating Joins

inner_join(x,y, by="key")	Join data. Retain only rows in both sets.	
left_join(x,y, by="key")	Join matching rows from y to x. A left join keeps all observations in x	
right_join(x,y, by="key")	Join matching rows from x to y. A right join keeps all observations in y.	
full_join(x,y, by="key")	Join data. Retain all values, all rows. A full join keeps all observations in x and y.	

Adapted from Wickham, Hadley, and Garrett Grolemund. 2016. R for Data Science: Import, Tidy, Transform, Visualize, and Model Data. O'Reilly Media, Inc.