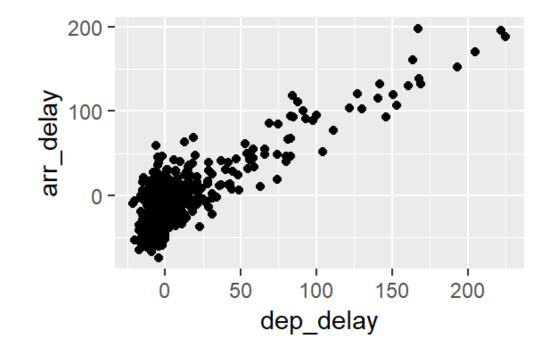
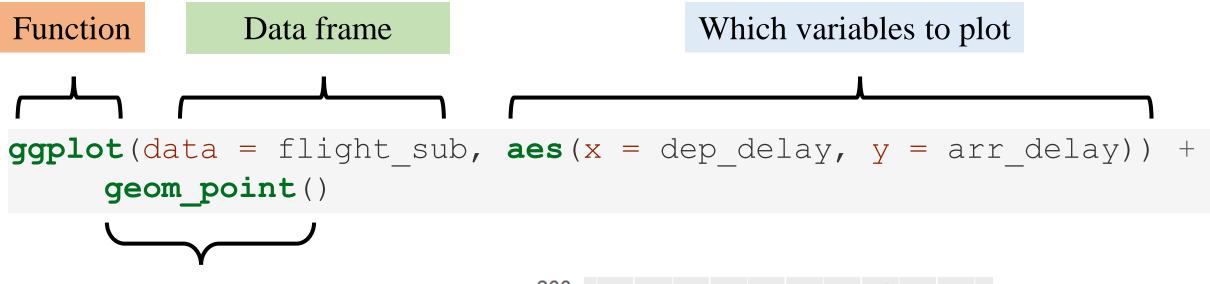
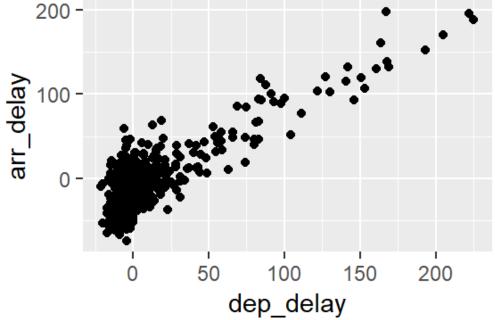


ggplot(data = flight_sub, aes(x = dep_delay, y = arr_delay)) +
geom_point()





What kind of graph to make



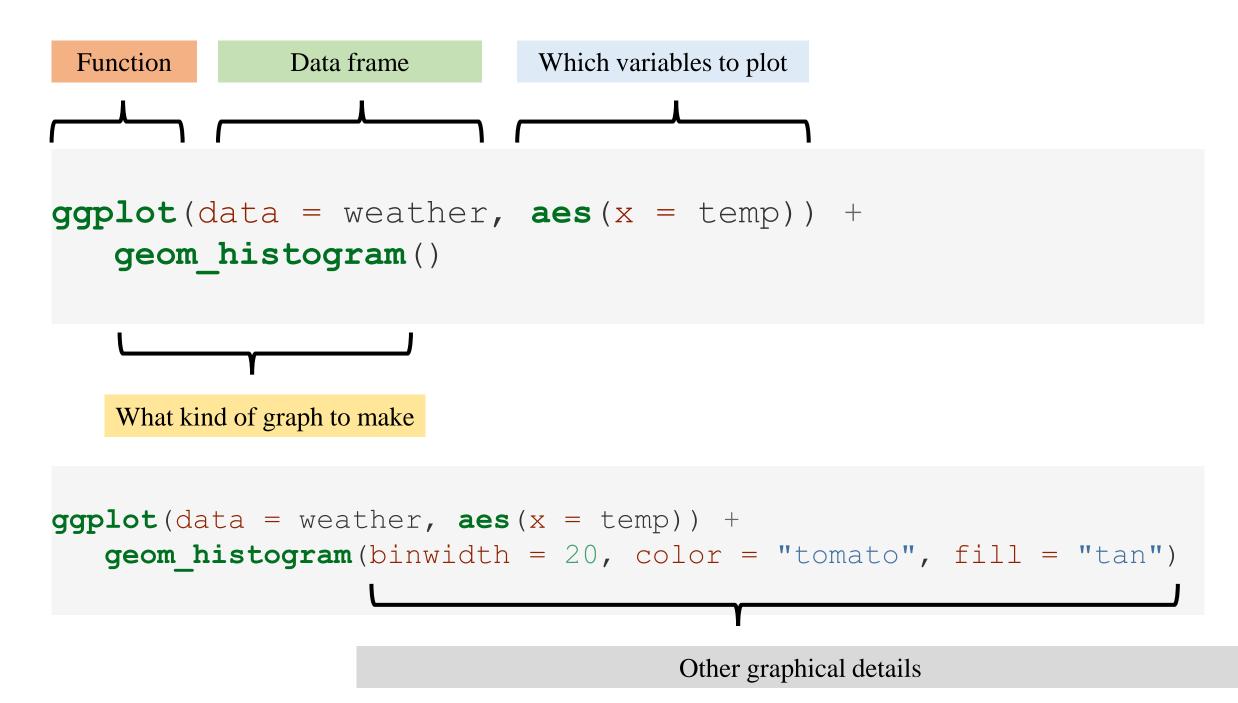


TABLE 3.5: Summary of 5NG

	Named graph	Shows	Geometric object	Notes
1	Scatterplot	Relationship between 2 numerical variables	<pre>geom_point()</pre>	
2	Linegraph	Relationship between 2 numerical variables	geom_line()	Used when there is a sequential order to x-variable e.g. time
3	Histogram	Distribution of 1 numerical variable	<pre>geom_histogram()</pre>	Facetted histogram shows distribution of 1 numerical variable split by 1 categorical variable
4	Boxplot	Distribution of 1 numerical variable split by 1 categorical variable	geom_boxplot()	To graph without splitting by a categorical variable add x = NULL
5	Barplot	Distribution of 1 categorical variable	geom_bar() when counts are not pre- counted	Stacked & dodged barplots show distribution of 2 categorical variables
			geom_col() when counts are pre-counted	