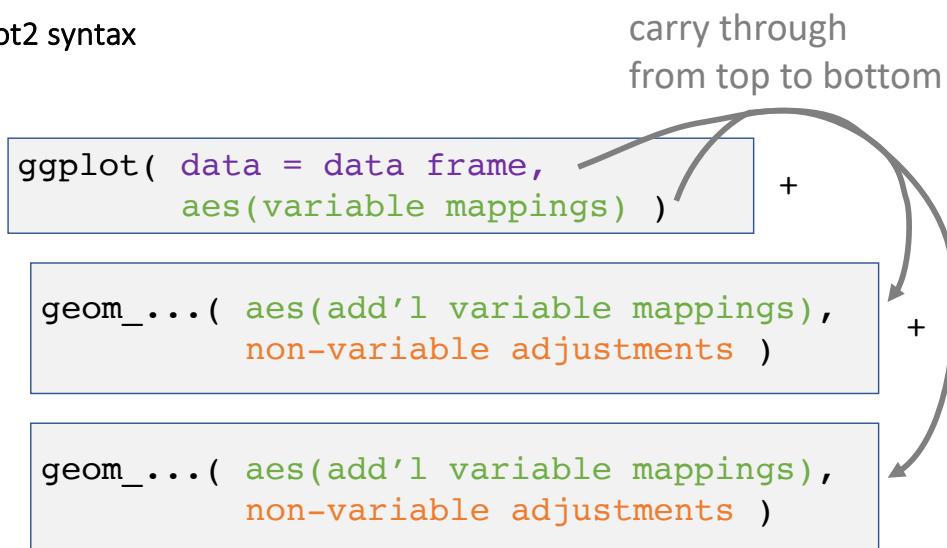


Tips for ggplot2

Basic ggplot2 syntax



Other useful layers

<code>geom_hline()</code> , <code>geom_vline()</code>	Horizontal and vertical lines on chart
<code>geom_smooth(method="lm", se=F)</code>	Linear trend line based on the data
<code>geom_text()</code>	Text labels for individual datapoints
<code>annotate()</code>	Extra text and shapes, not related to data
<code>coord_flip()</code>	flip whatever has been mapped to x and y axes
<code>facet_wrap(~a)</code> , <code>facet_grid(a~b)</code>	split plot into small multiples; use "." for blank
<code>labs(title=..., x=..., y=...)</code>	Add chart and axis titles
<code>theme_...()</code>	Use and/or customize a different theme
<code>base_size=...</code>	Increase or decrease size of most text elements
<code>scale_[aes]_[transform](...)</code>	Manipulate specific aes mappings
<code>scale_x_continuous()</code>	Edit a numerical x axis
<code>scale_x_log10()</code>	Apply a log transform to x axis
<code>scale_x_discrete()</code>	Edit a discrete x axis
<code>scale_fill_manual()</code>	Edit categorical fill values manually
<i>common options:</i>	
<code>limits=c(...)</code>	change minimum and maximum limits
<code>breaks=c(...)</code>	change where axis/legend breaks are
<code>labels=c(...)</code>	change labels on axes/legends
<code>values=c(...)</code>	set values for manual discrete color scale
<code>name=" "</code>	change label for axis/legend