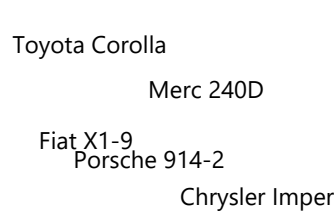


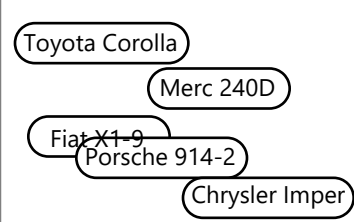
ADVANCED GEOMS

Use this cheat sheet to find the right aesthetics for your geoms. First, find the visualization you want to create, and then have a look at the corresponding aesthetics. Based on the color and form of the aesthetic, you can see which variable types to use and whether the color can be mapped to variables.

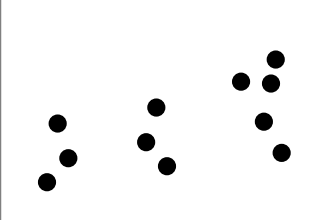
For a full reference of the aesthetics of each geometric object, go to:
<https://ggplot2tor.com/aesthetics>



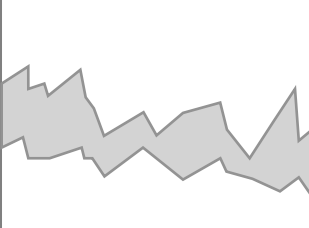
geom_text



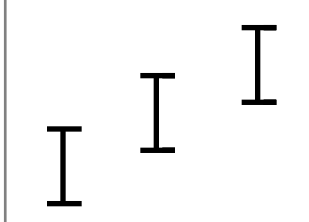
geom_label



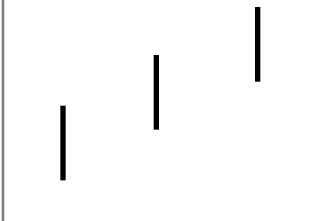
geom_jitter



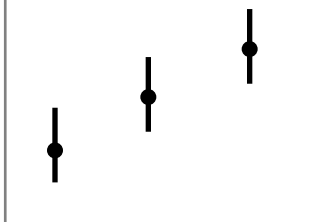
geom_ribbon



geom_errorbar



geom_linerange



geom_pointrange

	x	y	ymin	ymax	fill	color	alpha	size	width	label
geom_text	●	●				■	▲	▲		●
geom_label	●	●			■	■	▲	▲		●
geom_jitter	○	●				■	■	■	▲	
geom_ribbon	●		●	●	■	■	▲	▲		
geom_errorbar	○		●	●		■	▲	▲	▲	
geom_linerange	○		●	●		■	▲	▲		
geom_pointrange	○	●	●	●		■	▲	▲		
	x	y	ymin	ymax	fill	color	alpha	size	width	label

- Aesthetic that **must** be mapped
- Aesthetic that **can** be mapped
- ▲ Aesthetic that **cannot** be mapped

- □ Aesthetic that should be mapped to a **continuous** variable
- □ Aesthetic that should be mapped to a **discrete** variable
- □ Aesthetic that can be mapped to a **discrete or continuous** variable