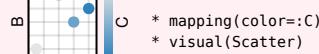
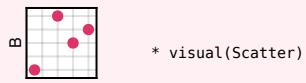




AlgebraOfGraphics.jl Cheat Sheet

```
df_one = (A=[1,4,6,8], B=[2,6,4,5], C=[3,2,1,0], D=["a","b","c","d"])
df_two = (E=repeat(["e","f"],inner=50), F=randn(50);randn(50).+3)
df_three = (G=1:30, H=sin.(range(0,2pi,30)).+rand(), I=cos.(range(0,2pi,30)).+rand())
df_four = (J=repeat(1:3,3), K=repeat(1:3,inner=3), L=[0,1,2,0,5,2,4,1,4,5])
df_five = (M=repeat(1:3,3), N=[0,2,3,0.5,3.5,5,1,5,7], O=repeat(["g","h","i"],inner=3))
df_six = (P=1:4, Q=[A,"B","A","B"], R=4:-1:1, S=[0.5,0.6,0.3,0.7], T=[5.1,3.9,2.7,1.5], U=[1,1,2,2])
```

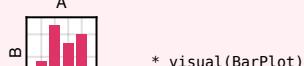
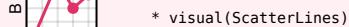
`data(df_one) * mapping(:A, :B)`



* mapping(color=:C)
* visual(Scatter) |>
draw(scales(Color=(;colormap=:plasma))



* mapping(color=:D)
* visual(Scatter) |>
draw(scales(Color=(;palette=:Set1_5))

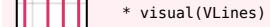
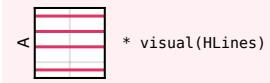


* visual(BarPlot,direction=:x)

* mapping(text=:D=>verbatim)
* visual(Makie.Text)

* mapping(text=:D=>verbatim)
* visual(Annotation)

`data(df_one) * mapping(:A)`



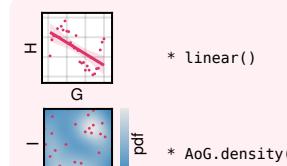
`data(df_two) * mapping(:E, :F)`



`data(df_two) * mapping(:F)`



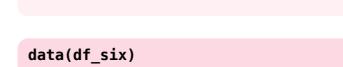
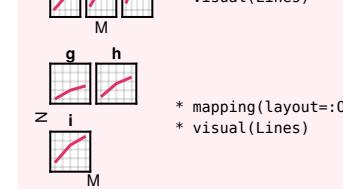
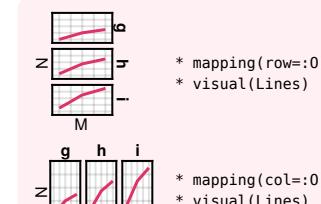
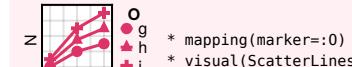
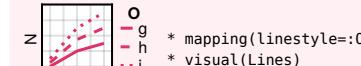
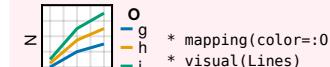
`data(df_three) * mapping(:G, :H)`



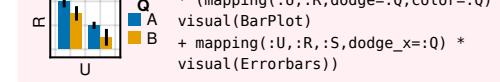
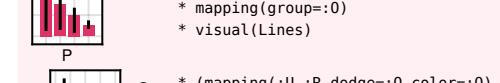
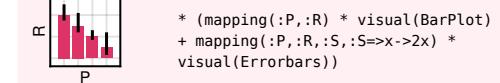
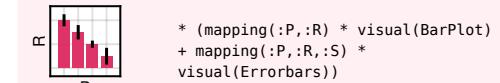
`data(df_six) * mapping(:J, :K, :L)`



`data(df_five) * mapping(:M, :N)`



`data(df_six)`



Others

