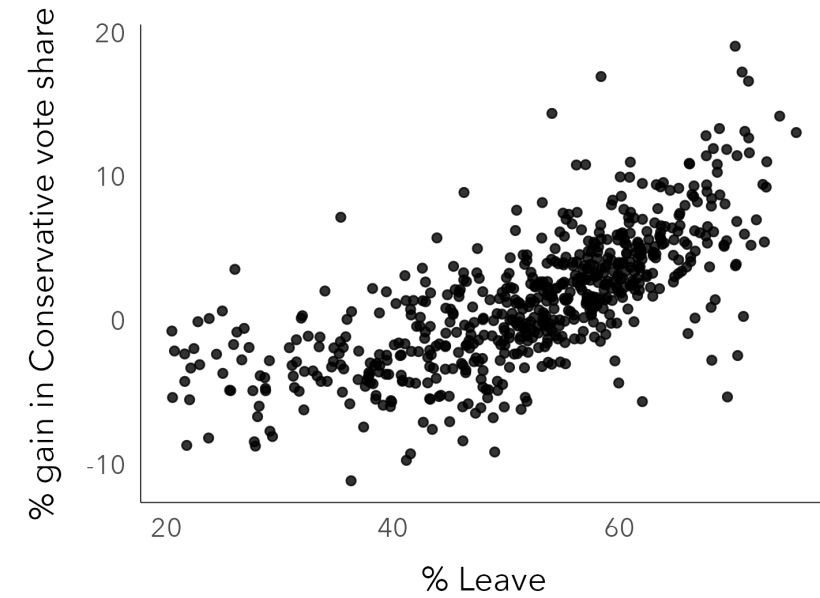


plot grammar

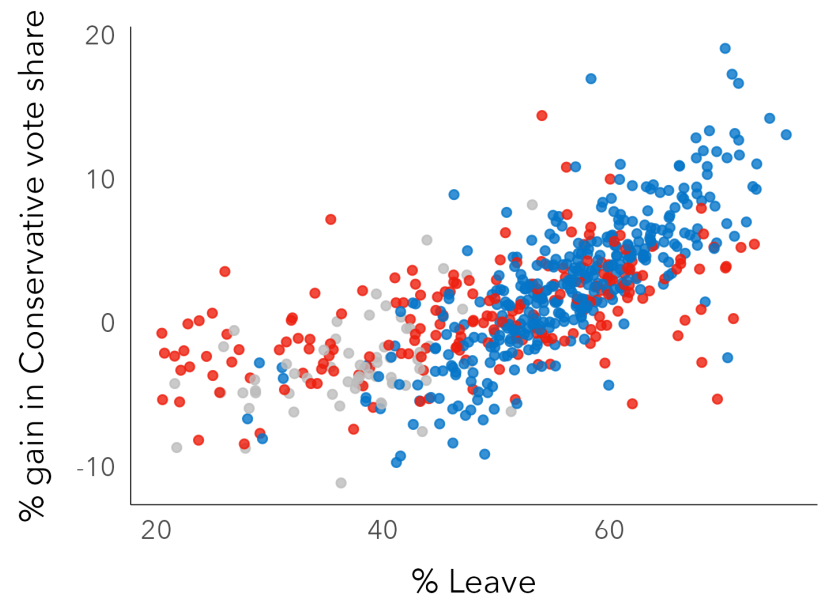
->

ggplot2 spec



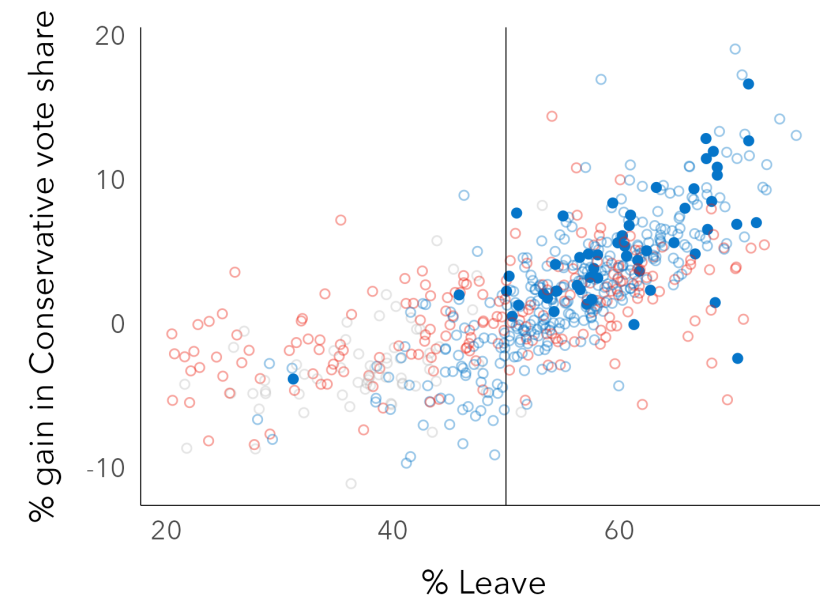
```
leave_hanretty: ratio
con_1719: ratio
leave_hanretty → x-position
con_1719 → y-position
mark → geom_point
```

```
data_ge I>
  ggplot(data=.) +
    geom_point(
      mapping=aes(
        x=leave_hanretty,
        y=con_1719
      )
    )
```



```
leave_hanretty: ratio
con_1719: ratio
winning_party: nominal
leave_hanretty → x-position
con_1719 → y-position
winning_party → colour
mark → geom_point
```

```
data_ge I>
  ggplot(data=.) +
    geom_point(
      mapping=aes(
        x=leave_hanretty,
        y=con_1719,
        colour=winning_party
      )
    )
```



```
leave_hanretty: ratio
con_1719: ratio
winning_party: nominal
flipped: ordinal
leave_hanretty → x-position
con_1719 → y-position
winning_party → colour
flipped → shape
flipped → alpha
mark → geom_point
```

```
data_ge I>
  ggplot(data=.) +
    geom_point(
      mapping=aes(
        x=leave_hanretty,
        y=con_1719,
        colour=winning_party,
        shape=flipped,
        alpha=flipped
      )
    )
```