Pre-Training Principle

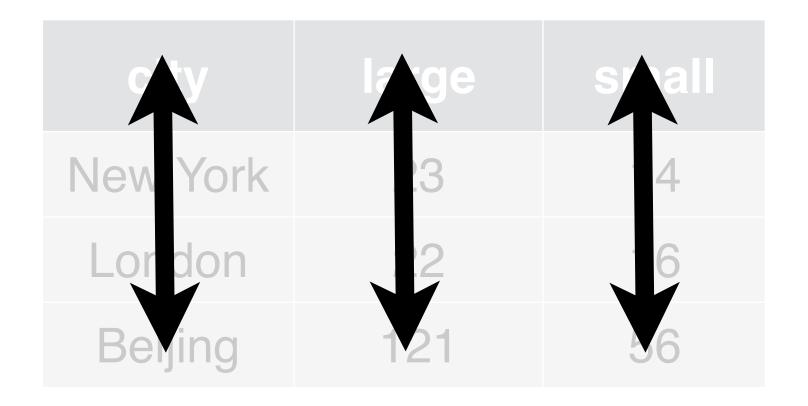
Previously...





Variables in the columns





Variables in the columns





Signaling Principle

```
babynames %>%
 group_by(name, sex) %>%
 ungroup() %>%
  summarise(total = sum(n)) %>%
 arrange(desc(total))
#
       total
# 1 340851912
```

Use ungroup()



```
babynames %>%
 group_by(name, sex) %>%
  ungroup() %>%
  summarise(total = sum(n)) %>%
  arrange(desc(total))
       total
# 1 340851912
```

Use ungroup() to...





