

Probability and Conditional Probability: R functions

Introduction to Quantitative Social Science

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Ecological inference

`qt()` *#Density, distribution function, quantile function and r*

Prediction with modelr

```
library("modelr")  
data_grid() #generate an evenly spaced grid of points from the
```

Regression (multivariate linear regression + perhaps talk about mathematical intuition of ols)

```
fit <- lm(sharenazis ~ -1 + shareself + shareblue + sharewhite +  
         sharedomestic + shareunemployed, data = nazis)  
  
summary(fit) # coefficients  
confint(fit) # 95% confidence intervals  
  
weighted.mean
```

ggplot functions

```
geom_linerange() # shows the range of the estimates
```