

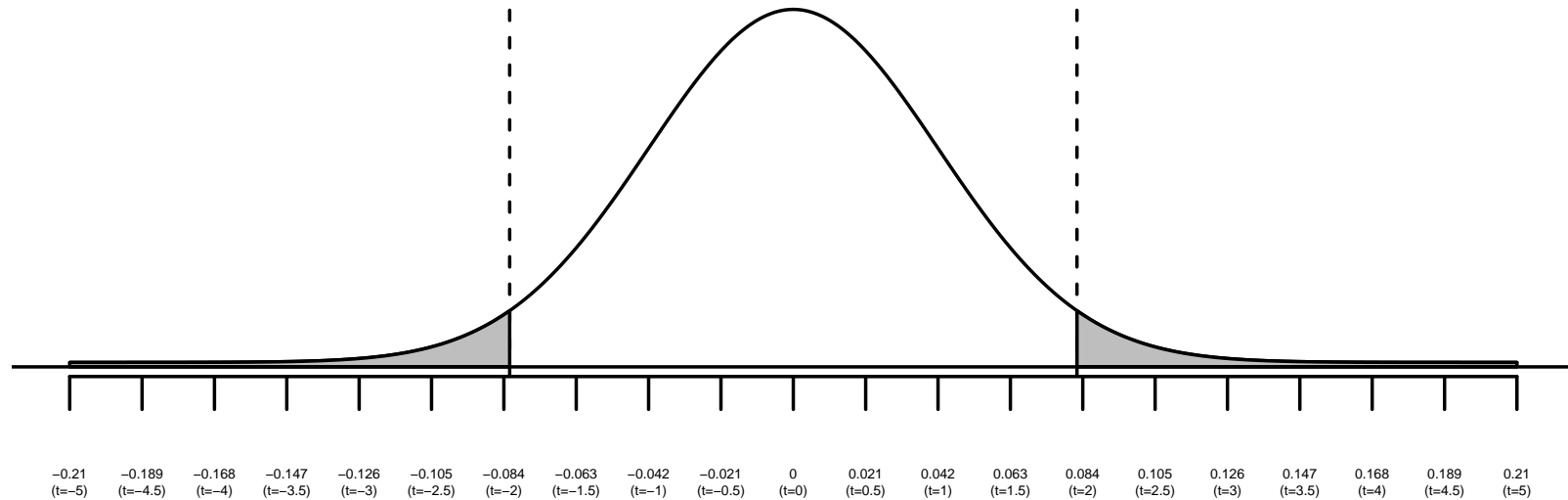
Handout 9: Hypothesis test for a slope

```
round(summary(lm(income~age, data=politics))$coef[,1:2],3)
```

##	Estimate	Std. Error
## (Intercept)	70.159	2.891
## age	0.051	0.055

Sampling distribution of regression slope, assuming null hypothesis is true

$$H_0 : \beta_1 = 0$$



Reject

Fail to Reject

Name (Print and Sign): _____