## PO12Q: Introduction to Quantitative Political Analysis II

Week 2 - Worksheet Solutions

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## 1 | Recoding



## 2 | Two-Sample Test of a Proportion

- Which proportion of developing and developed countries are dictatorships?
  - developing=29.87%, developed=22.86%
- Do we verify or falsify our hypothesis at a 95% confidence level?
  - We fail to reject the null hypothesis, p> 0.05

## 2.1 Exercises

• Is a higher proportion of fast-growing countries democratic than slow-growing countries? Use a 95% confidence level.

```
table(wdi$growth, wdi$politybin)

##

##

Dictatorship Democracy

## slow-growing

34

76

## fast-growing

5

32
```