

# Distributions of Personality

Principles of Complex Systems  
 CSYS/MATH 300, Fall, 2011

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# Outline

Personality

Personality

Personality

References

References



Rentfrow, Gosling, and Potter<sup>[1]</sup>

“A Theory of the Emergence, Persistence, and Expression of Geographic Variation in Psychological Characteristics”

*Perspectives on Psychological Science*

**Vol. 3**, pp. 339–369, 2008.



# Personality distributions

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## Five Factor Model (FFM)

- ▶ Extraversion [E]
- ▶ Agreeableness [A]
- ▶ Conscientiousness [C]
- ▶ Neuroticism [N]
- ▶ Openness [O]



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**Major concern:** self-reported data.

# Agreeableness:

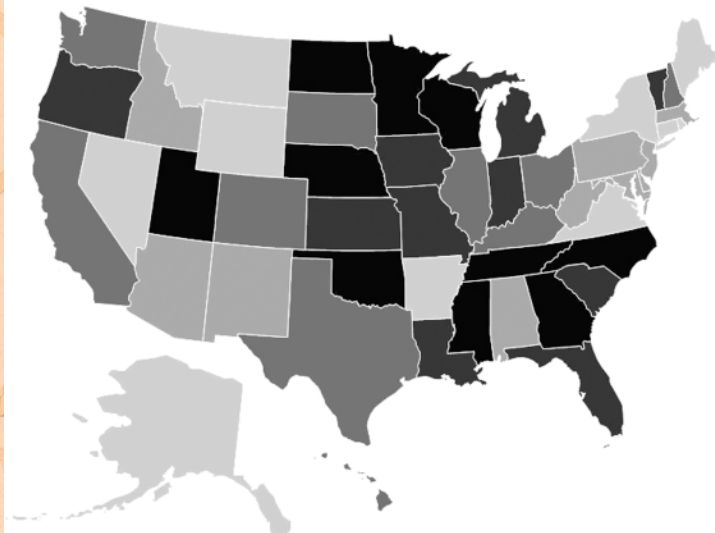
Personality

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Agreeableness

■ Top-10 States   ■ 2<sup>nd</sup> Quintile   ■ 3<sup>rd</sup> Quintile   ■ 4<sup>th</sup> Quintile   ■ 5<sup>th</sup> Quintile

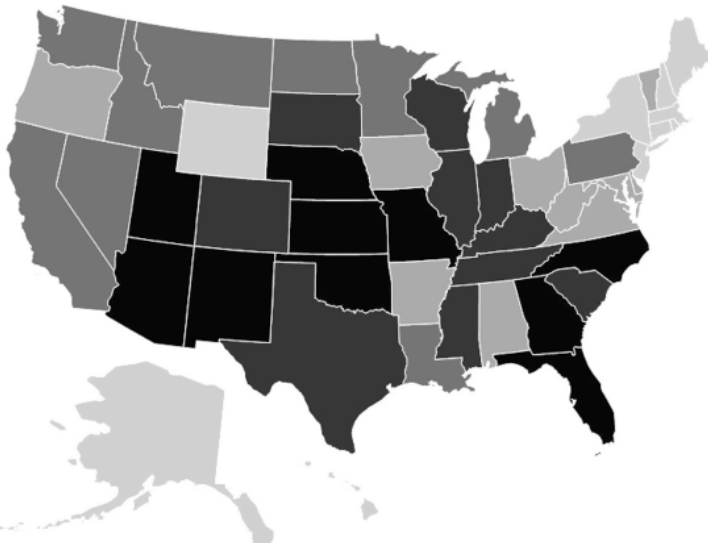


# Conscientiousness:

Personality

Conscientiousness

■ Top-10 States   ■ 2nd Quintile   ■ 3rd Quintile   ■ 4th Quintile   ■ 5th Quintile



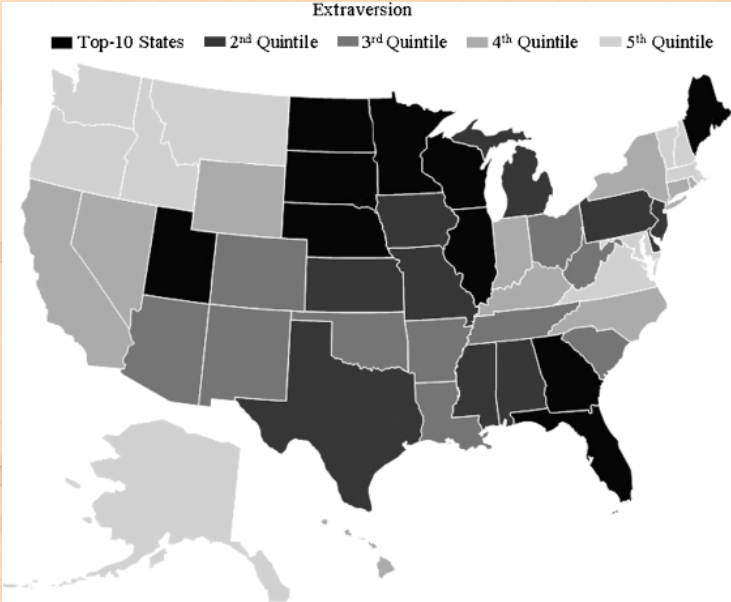
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# Extraversion:



# Openness

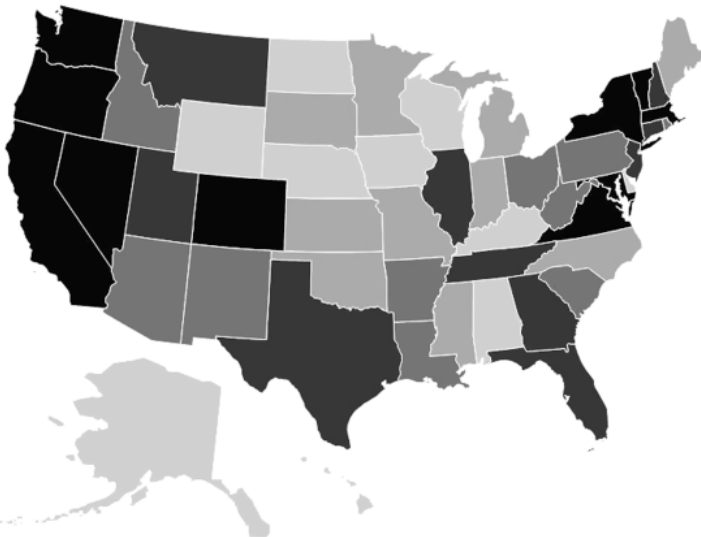
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Openness

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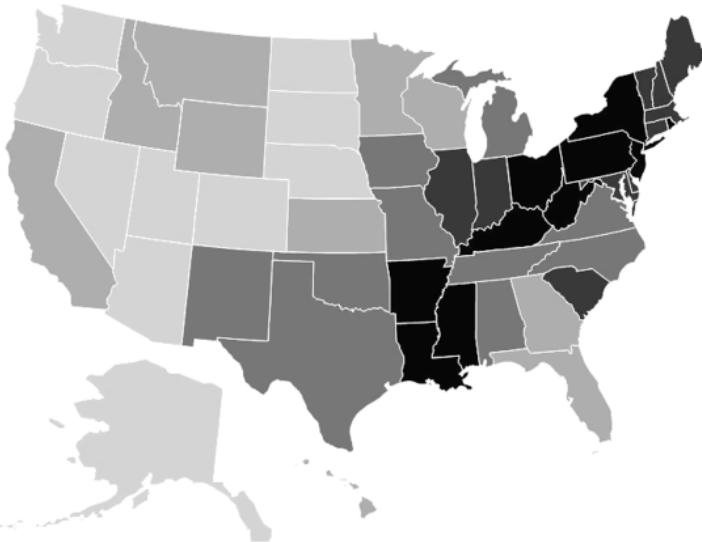


# Neuroticism:

Personality

Neuroticism

■ Top-10 States   ■ 2<sup>nd</sup> Quintile   ■ 3<sup>rd</sup> Quintile   ■ 4<sup>th</sup> Quintile   ■ 5<sup>th</sup> Quintile



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[References](#)

# References I

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References

- [1] P. J. Rentfrow, S. D. Gosling, and J. Potter.  
A theory of the emergence, persistence, and  
expression of geographic variation in psychological  
characteristics.  
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