

Distributions of Personality

Principles of Complex Systems
CSYS/MATH 300, Fall, 2010

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COMPLEX SYSTEMS CENTER



Outline

Personality

References

Personality

Personality

References



Personality distributions

Personality

Personality

References

Rentfrow, Gosling, and Potter^[1]

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

Perspectives on Psychological Science

Vol. 3, pp. 339–369, 2008.



Five Factor Model (FFM)

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

“...a robust and widely accepted framework for conceptualizing the structure of personality... Although the FFM is not universally accepted in the field...”^[1]

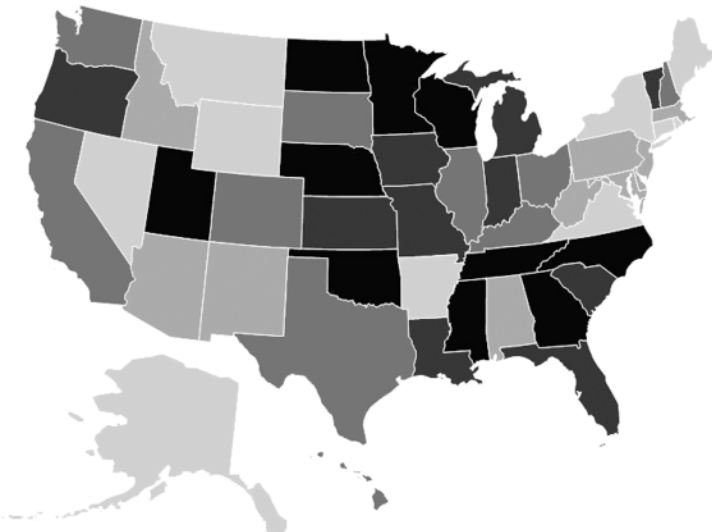
Major concern: self-reported data.



Agreeableness:

Agreeableness

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



Personality

Personality

References

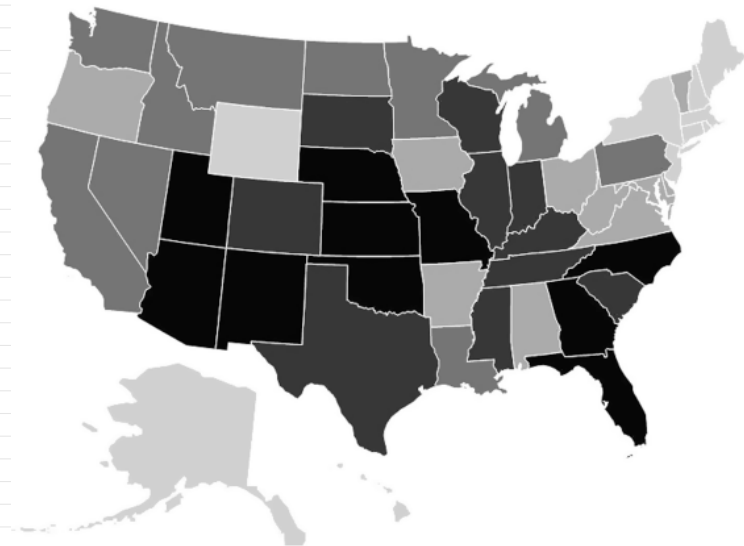


Conscientiousness:

Personality

Conscientiousness

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



Personality

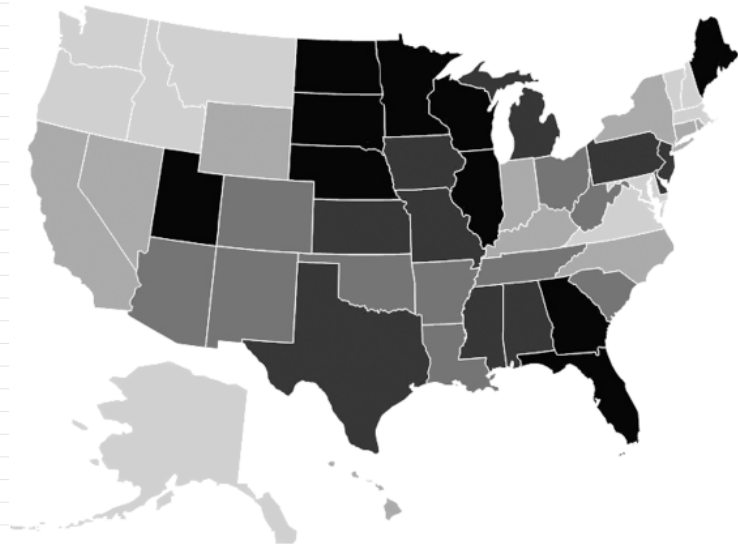
References



Extraversion:

Extraversion

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



Personality

Personality

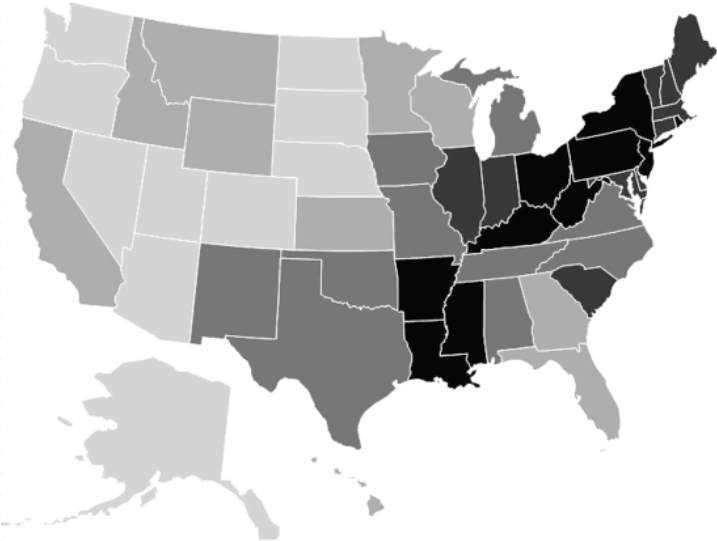
References



Neuroticism:

Neuroticism

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



Personality

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References



References I

- [1] P. J. Rentfrow, S. D. Gosling, and J. Potter.
A theory of the emergence, persistence, and
expression of geographic variation in psychological
characteristics.
[Perspectives on Psychological Science](#), 3:339–369,
2008. pdf (田)

