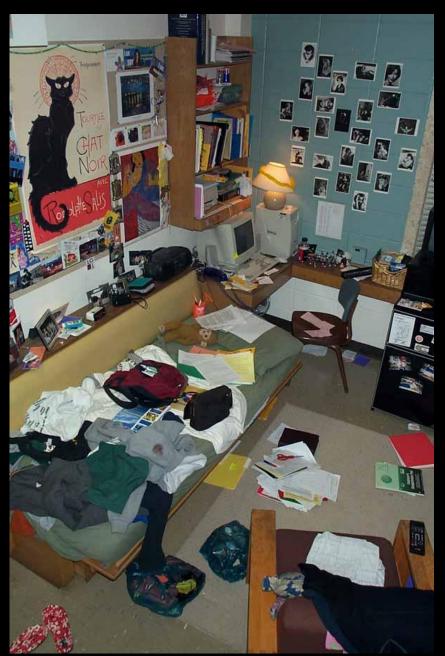
# Can the Ambiance of a Place be Determined by the User Profiles of the People Who Visit It?

Lindsay T. Graham & Samuel D. Gosling

Department of Psychology

University of Texas, Austin, USA





# Physical environments: Offices, bedrooms, classrooms, neighborhoods, regions

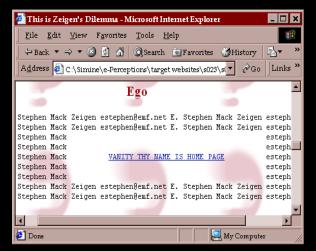




## Aural environments: Music



## Virtual environments: websites & Facebook





White House

Format Laboratory

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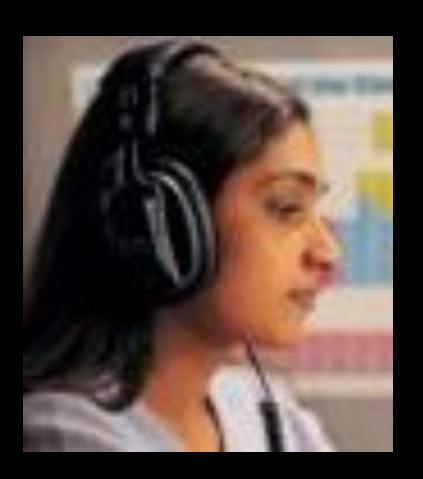
Be Your Own Goddess

MINOR PROPERTY.

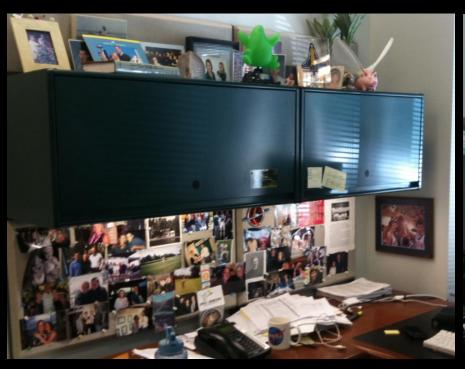
-

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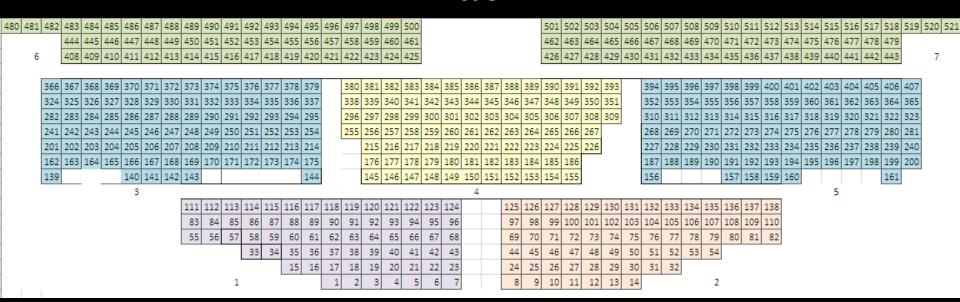


# Personality & Social Processes (Buss, 1987)

- Manipulation
- Evocation
- Selection

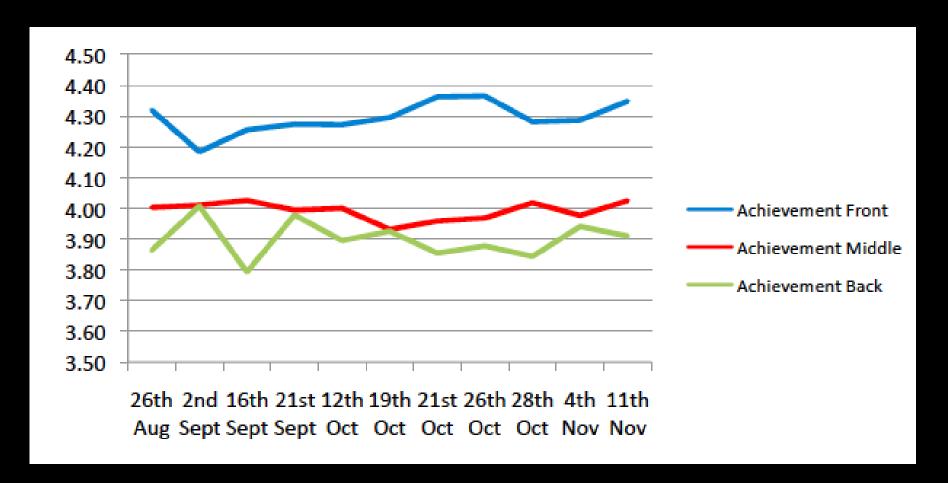
## Classroom Seating Patterns

## Back

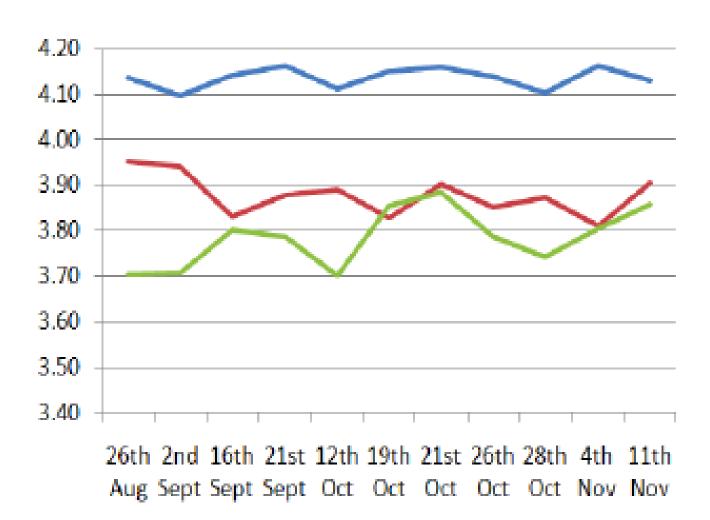


## Front

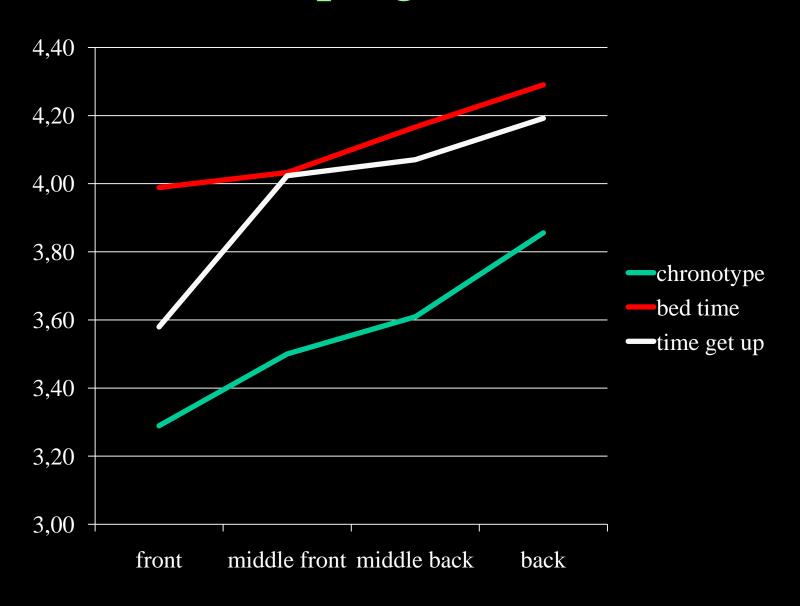
## Achievement Motivation



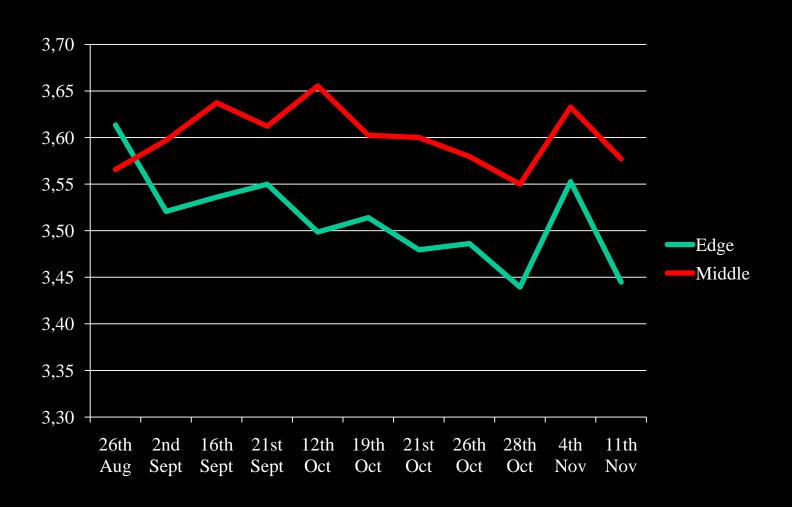
### Conscientiousness 'with college friends'



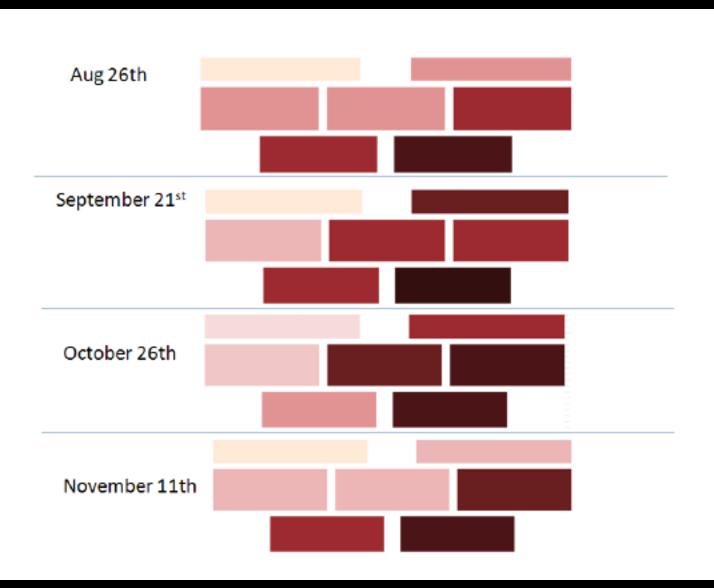
## Sleeping Habits

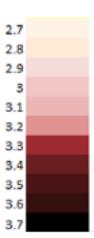


## Emotional stability



## Religiosity



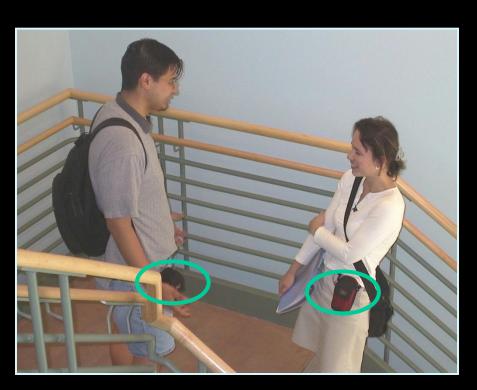




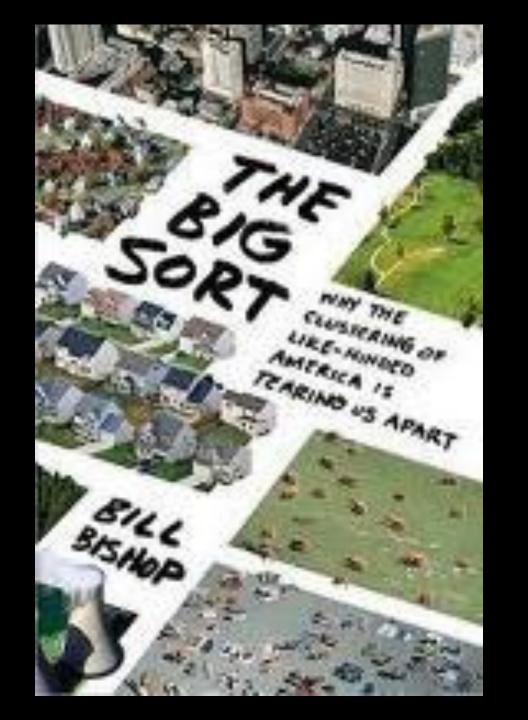
Vs.

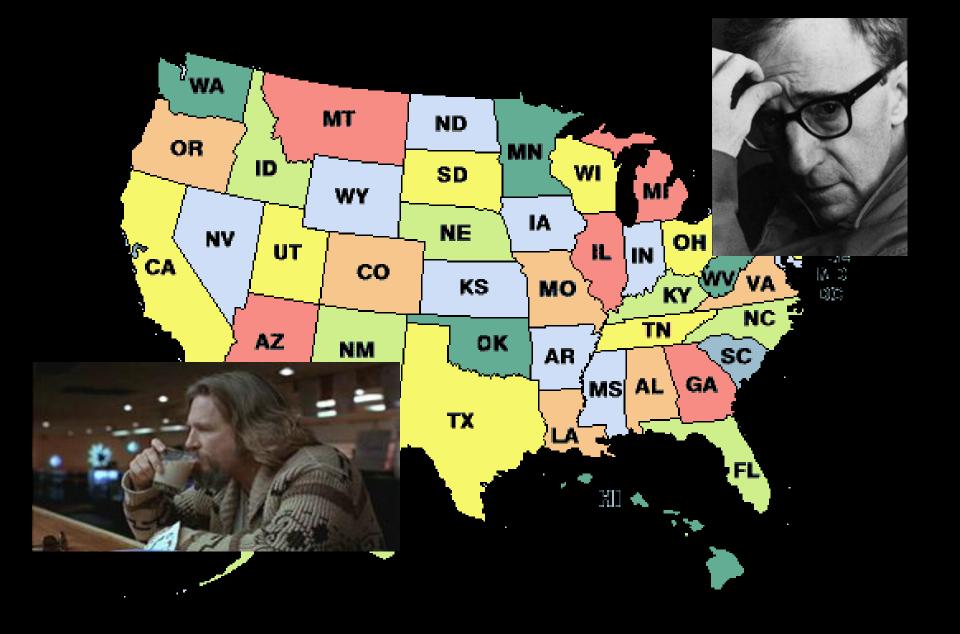












## Methods

## Participants

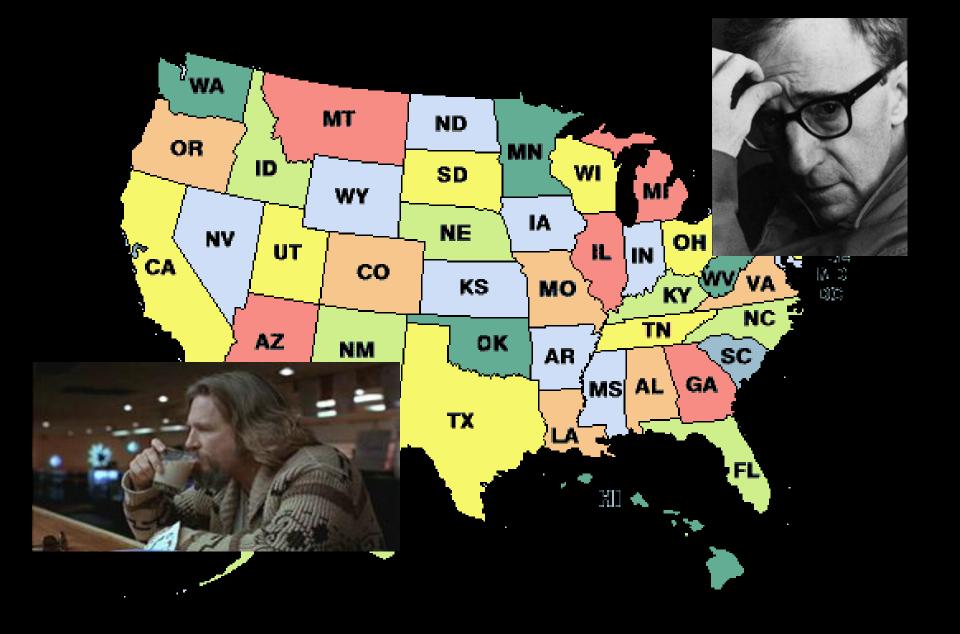
$$N = 619,397$$

Mean age = 
$$24 \text{ (SD} = 9.8)$$

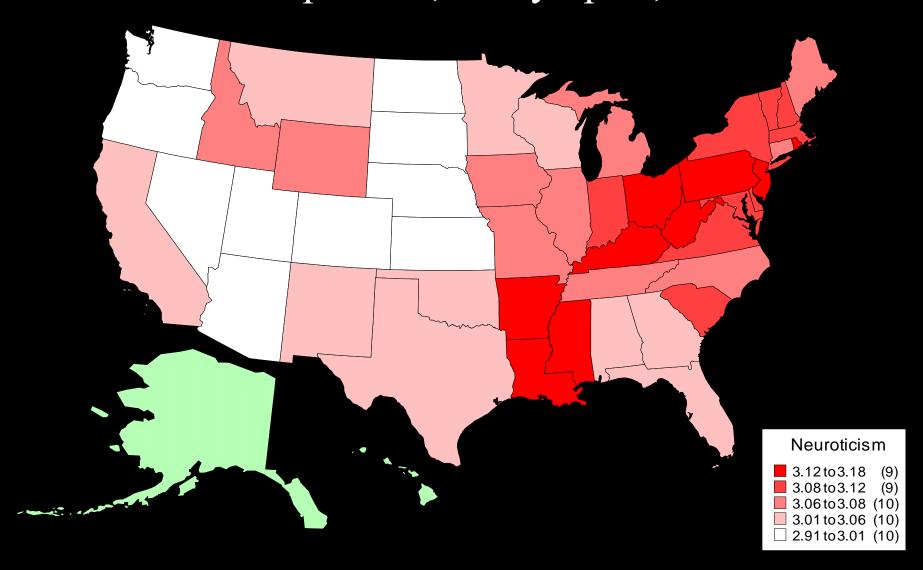
Collected between 1999 and 2005

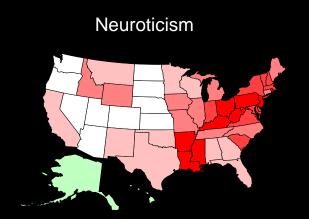
- Mean sample from each state = 12,145 (SD = 12,671)
- Min. = 1,536 (WY). Max. = 71,873 (CA)

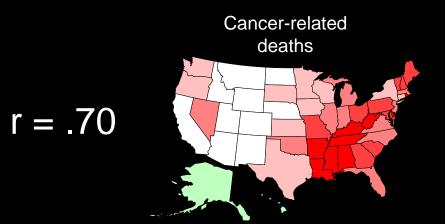
Rentfrow, P. J., Gosling, S. D., & Potter, J. (2008). A theory of the emergence, persistence, and expression of geographic variation in psychological characteristics. *Perspectives on Psychological Science*, *3*, 339-369.

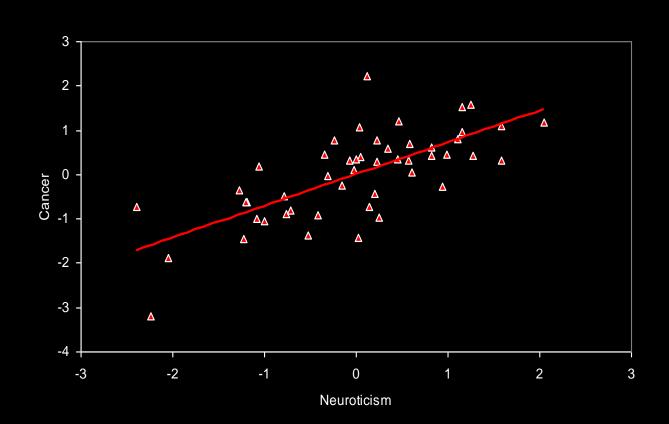


# Regional differences in Neuroticism... Who's more depressed, easily upset, and tense?

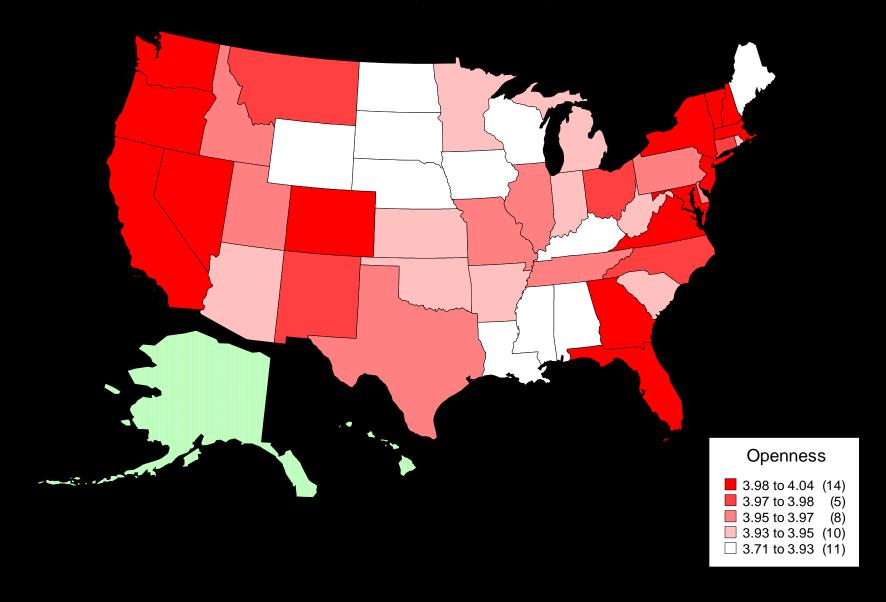








# Regional differences in Openness... Who's more creative, tolerant, and artistic?









Google

Q





Vs.





Vs.





Naumann, L. P., Vazire, S., Rentfrow, P. J., & Gosling, S. D. (2009). Personality judgments based on physical appearance. *Personality and Social Psychology Bulletin*, *35*, 1661-1671.









#### Vibe

- Artsy
- Bohemian
- Clean
- Conservative
- Shady
- Edgy
- Douchey

#### Activities

- Go dancing
- Read
- Relax
- Study
- Work
- Surf web
- pick up/flirt

#### People

- Extraverted
- Agreeable
- Conscientious
- Emotionally Stable
- Open
- Artsy
- Conservative

## Vibe



## Activities



## Personality



Mean ICC= .33

Bland
Cozy
Strange
Dingy
Douche-y
Meat Market
Traditional

Mean ICC= .32

Go Dancing
Read
Relax
Study
Work
Surf the Web
Go On a Date

Mean ICC= .62

Big Five
Artsy
Politically Conservative
Friendly
Attractive
Quirky
Narcissistic







## Vibe



## Activities



## Personality



Mean ICC= .62

Bohemian
Luxurious
Modern
Romantic
Douche-y
Unique
Meat Market

Mean ICC= .69

Go Dancing
Surf the Web
Relax
Schmooze
Flirt/Pick Up People
Go On a Date
Relax

Mean ICC= .79

Big Five
Attractive
Funny
Imaginative
Trendy
Quirky
Likes to be Center
Of Attention



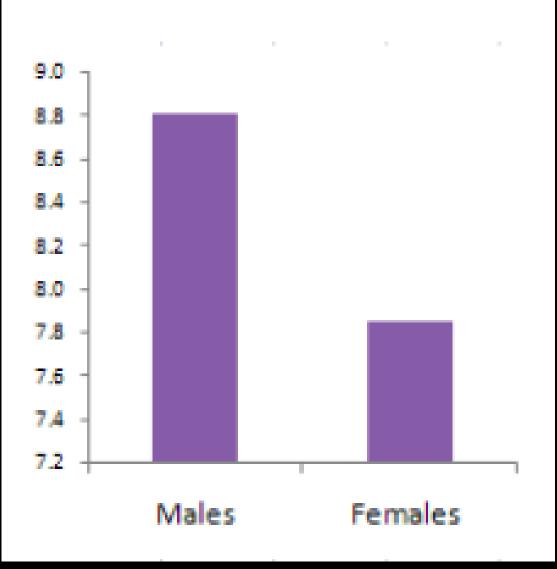
Vs.



Extraversion	.50***	Read	.81***
Conscientiousness	.39**	Schmooze	.41**
Agreeableness	.31*	Conservative	.39**
Emotional Stability	.33*	Creepy	.32*
Openness	.41**	Douche-y	.43**
Quirky	.61***	Homey	.37**
Attractive	.43**	Pleasant	.41**
People Watch	.13	Strange	.48**
Flirt/Pick Up People	.39**	Up-Scale	.45**

# Thanks! & Questions?

## Total Movement



## Domains in which personality could be expressed

