

Sensation Seeking, Information Exposure, and Message Sensation Value

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Three T's

- 1. Theory: Activation Model
- 2. Trait: Sensation Seeking
- 3. Targeting: SENTAR



Activation Model of Information Exposure

- We seek or maintain a level of activation at which we feel most comfortable.
- Attention to a message is a function of
 - Need for stimulation or cognition
 - Stimulation provided by the message

Theory

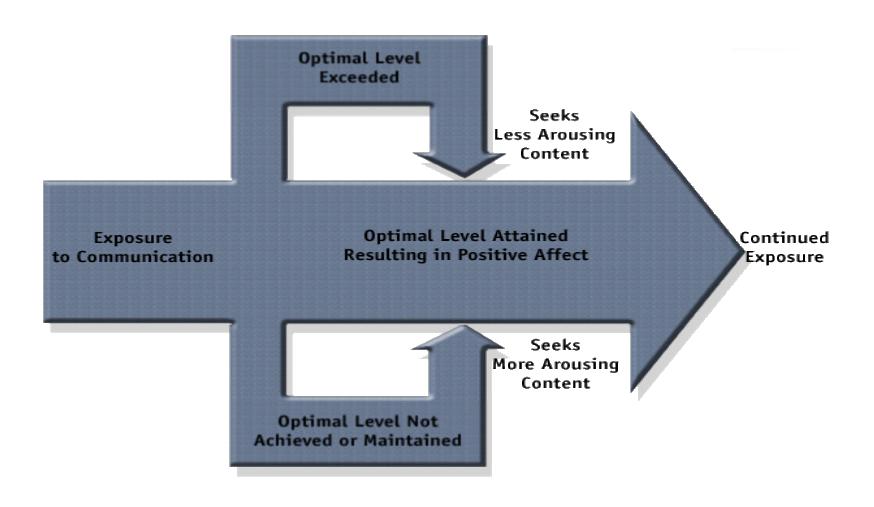
- Individuals will...
 - attend messages that fulfill need for activation
 - turn away from messages that fail to generate enough arousal for more exciting stimuli
 - turn away from messages that generate too much arousal for less exciting stimuli

4

Theory (Aggie version)

- Threshold of comfort
- Too much? Too little?
 - Seek alternatives
- Just right?
 - Do nothing.
- "Optimal" level of arousal

Activation Model





- 1. Theory: Activation Model
- 2. Trait: Sensation Seeking

Trait

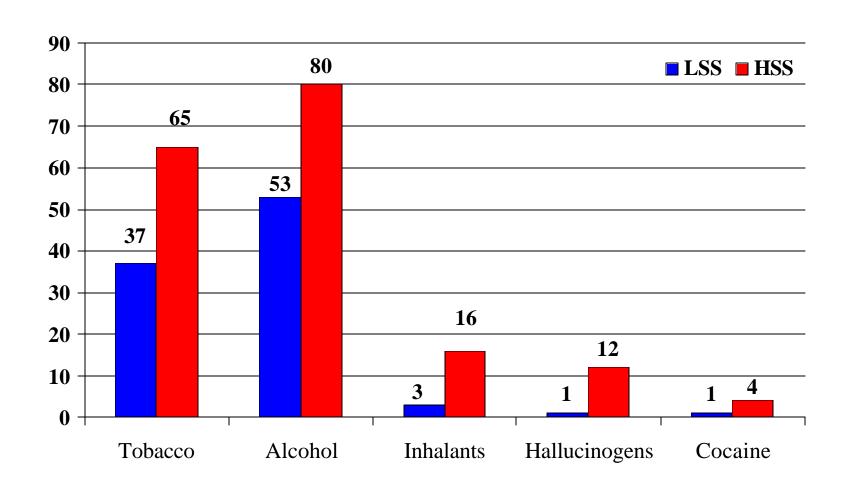
Sensation Seeking

A personality trait related to: "the seeking of varied, novel, complex, and intense sensations and experiences, and the willingness to take physical, social, legal, and financial risks for the sake of such experience" (Zuckerman, 1994, p. 27).

Trait

- "thrill-seekers"
- Individual difference variable, biological roots
- social, physical, and legal risks are stimulating
- aversion to boredom and routines
- bungee jumping, party-ers, live life in the "fast lane"
- risky sex, drug use

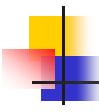
Sensation Seeking and Lifetime Substance Use Fayette County Grades 8 to 11





Biological Basis

- SS connected with activity in the mesolimbic dopamine pathway
 - Thought responsible for producing reinforcement.
 - Implicated as a critical link mediating drug reward.
- SS associated with levels of monoamine oxidase (MAO-B)
 - Brain-specific enzyme which breaks down dopamine and other neurotransmitters.
 - Lower levels of MAO-B, higher sensation seeking.

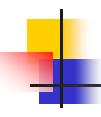


Biological Basis

- High SS are drawn to the stimulation and mood altering effects from drug use.
- High SS are responsive to drug effects than LSS.

Trait

- High SS: distinct media preferences
- Message Sensation Value
 - The degree to which content and formal features of a message elicit sensory, affective, and arousal responses.
- HSS prefer high message sensation value
- HSS have higher "optimal arousal" level
- HSS prefer/need more stimulation



Message Characteristics

- highly novel
- creative
- intense
- dramatic
- physically arousing
- produces strong emotions
- graphic or explicit

- unconventional
- fast-paced
- suspenseful
- use of closeups
- strong sound efx
- strong visual efx
- not preachy

Trait

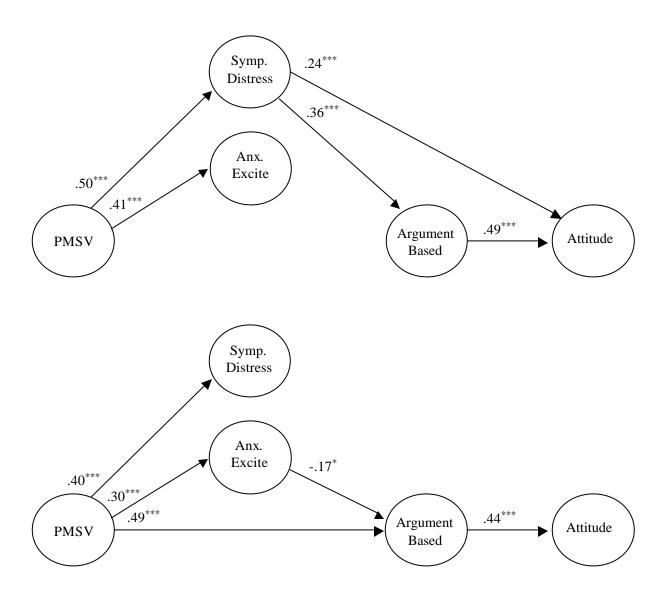
Message Sensation Value

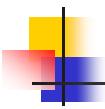
- Visual: cuts, special effects, slow motion, unusual colors, intense imagery
- Audio: sound saturation, music, sound effects
- Content: acted out, unexpected format, surprise/twist ending



Perceived Message Sensation Value

- Novelty
- Emotional arousal
- Dramatic impact





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Targeting: SENTAR

- 1. Target Audience: high sensation seekers
- Message Design: high sensation value prevention messages to reach high SS
- Pre-Campaign Research: focus groups, extensive pretesting of ads
- 4. Purchase & Placement: Purchase TV time in high sensation value shows to air prevention messages

4

Targeting: Ad Campaign

"Two Cities" Study

- Lexington, KY & Knoxville, TX
- Controlled time series design with switching replications
- 100 adolescents/month for 32 months in both cities (n = 6,371)
- Baseline data: 8 months prior and 8 months after



Anti-Marijuana Campaign

- 7th through 10th grade initially
- Same cohort for 32 months
- Systematic random sampling with geographic and grade stratification
- In-home interviews
- Laptop administration (sensitive items)
- Parents could not be in the room



Anti-Marijuana Campaign

Lexington:

Campaign 1: January to April, 1997

Campaign 2: January to April, 1998

Knoxville:

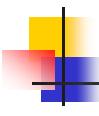
Control: January to April, 1997

Campaign 1: January to April, 1998



Anti-Marijuana Campaign

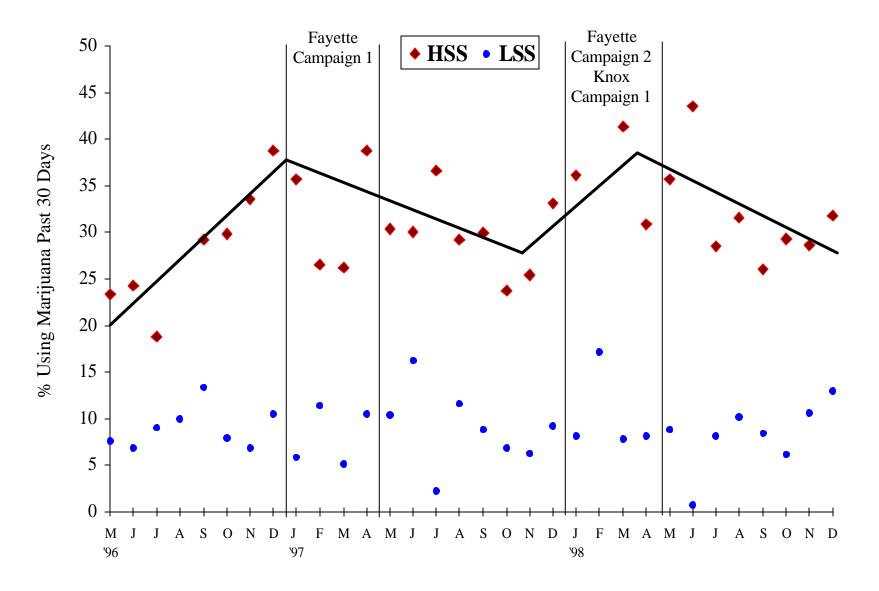
- 4 month TV ad campaign
- 5 professionally produced HSV PSAs
- 3 Partnership for a Drug-Free America HSV PSAs
- Purchased \$60,000 advertising time
- Equal donated time
- Strategically placed ads



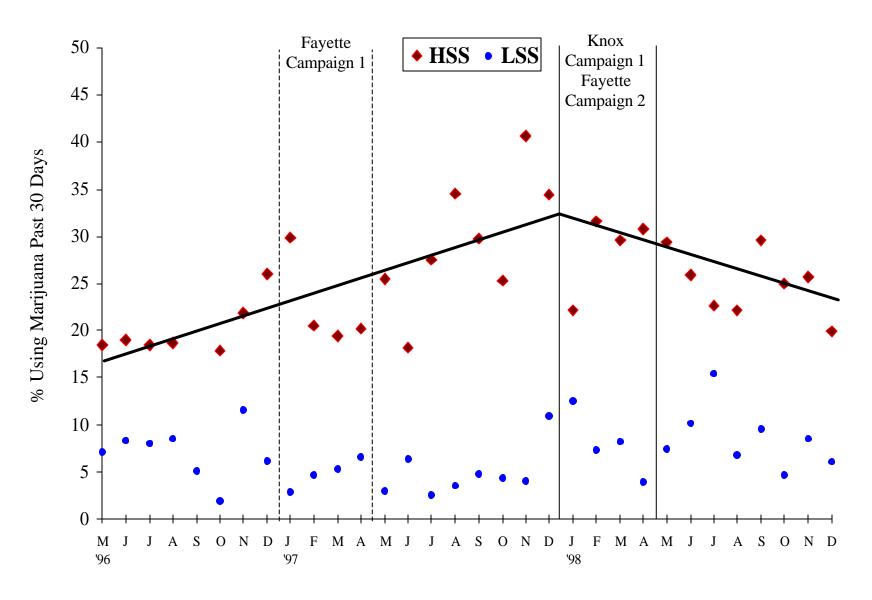
Advertising Frequency

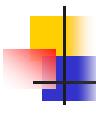
- 753 paid PSAs
- 1,245 donated PSAs
- ~500 PSAs/month
- ~114 PSAs/week for 17 weeks
- 70% of targeted group exposed to 3 campaign ads per week

Fayette County



Knox County





Campaign Worked?

 Yes, teens in the the control county (Knox) increased marijuana use while the campaign county (Fayette) decreased

AND

 Other substances (alcohol, tobacco) continued to increase

Fayette County HSS ₈₀30-Day Alcohol Use 75 70 65 60 55 50 45 Knox 40 Campaign 1

S O

Α

Lexington

Campaign 2

D

M A

M

Lexington

Campaign 1

M

D

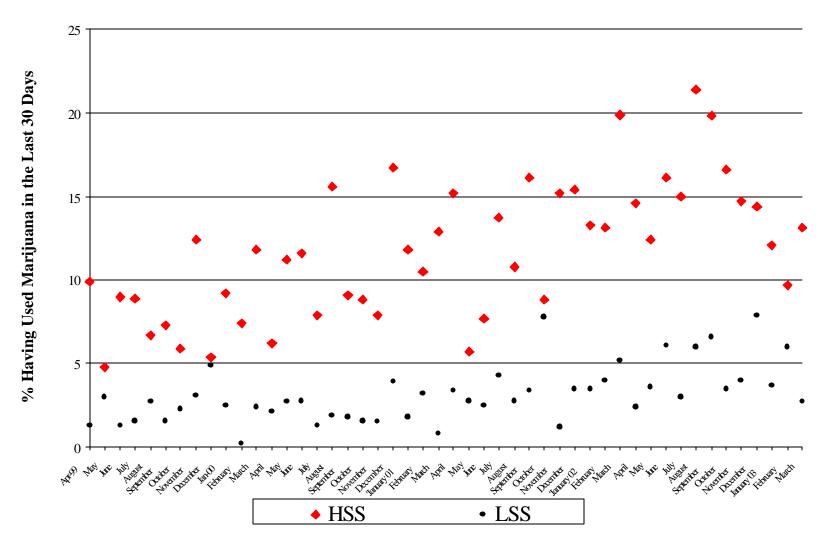
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'96

ONDCP Fayette and Knox County 30-Day Marijuana Use



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