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### Marital Status and Religious Commitment Predict Prenatal Tobacco, Alcohol, and Illicit Substance Use in Southern Appalachia

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# Marital Status and Religious Commitment Predict Prenatal Tobacco, Alcohol, and Illicit Substance Use in Southern Appalachia

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# Marital Status and Religious Commitment Predict Prenatal Tobacco, Alcohol, and Illicit Substance Use in Southern Appalachia

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Meeting and Scientific Sessions

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# The Longitudinal Study

- 336 rural, pregnant women in Southern Appalachia
  - Primarily low SES
  - Some high-risk middle/upper SES
- Pregnancy smoking cessation study
  - Smokers who participated in cessation
  - Smokers who did not participate in cessation
  - Non-smokers

# The Predictors - Relationships

- Marital Status
  - Married
  - Unmarried
- Cohabitation Status
  - Living with significant other
  - Not living with significant other

# The Predictors - Religiosity

- Church Attendance
  - Attends church once/week or more
  - Attends church less than once/week
- Surrender to God
  - High on *Surrender to God Scale*
  - Not high on *Surrender to God Scale*

# What is Surrender to God?

- Surrender describes coping through self-relinquishment and submission to God when one's will is in conflict with God's will
- My larger line of research relates to the investigation of surrender as it relates to many health correlates such as stress, social relationships, exhibiting healthy behaviors, and avoidance of risk

# Substance Use Variables

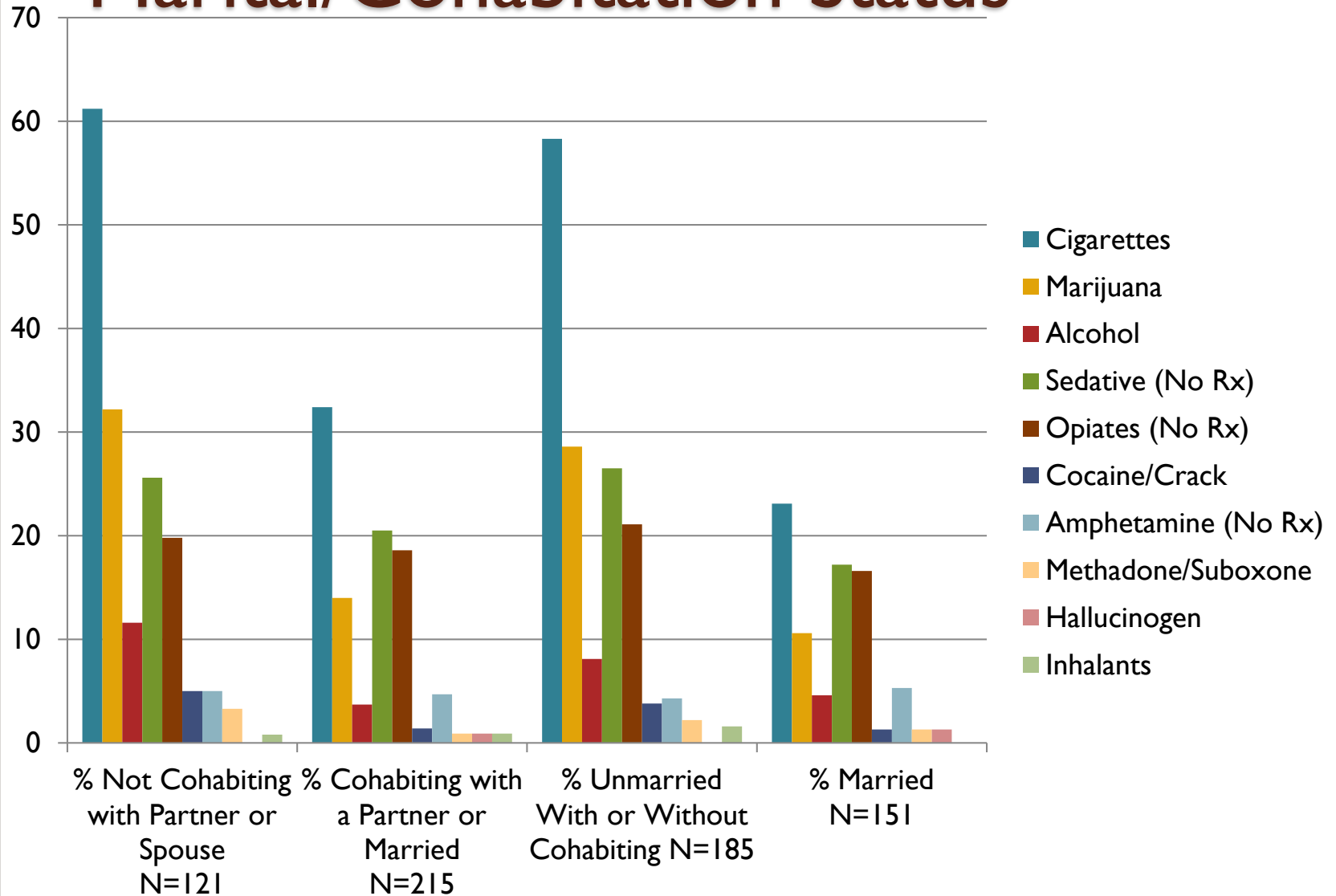
- Cigarettes
- Marijuana
- Alcohol
- Sedative (No Prescription)
- Opiates (No Prescription)
- Cocaine/Crack
- Amphetamine (No Prescription)
- Methadone/Suboxone
- Hallucinogen
- Inhalants



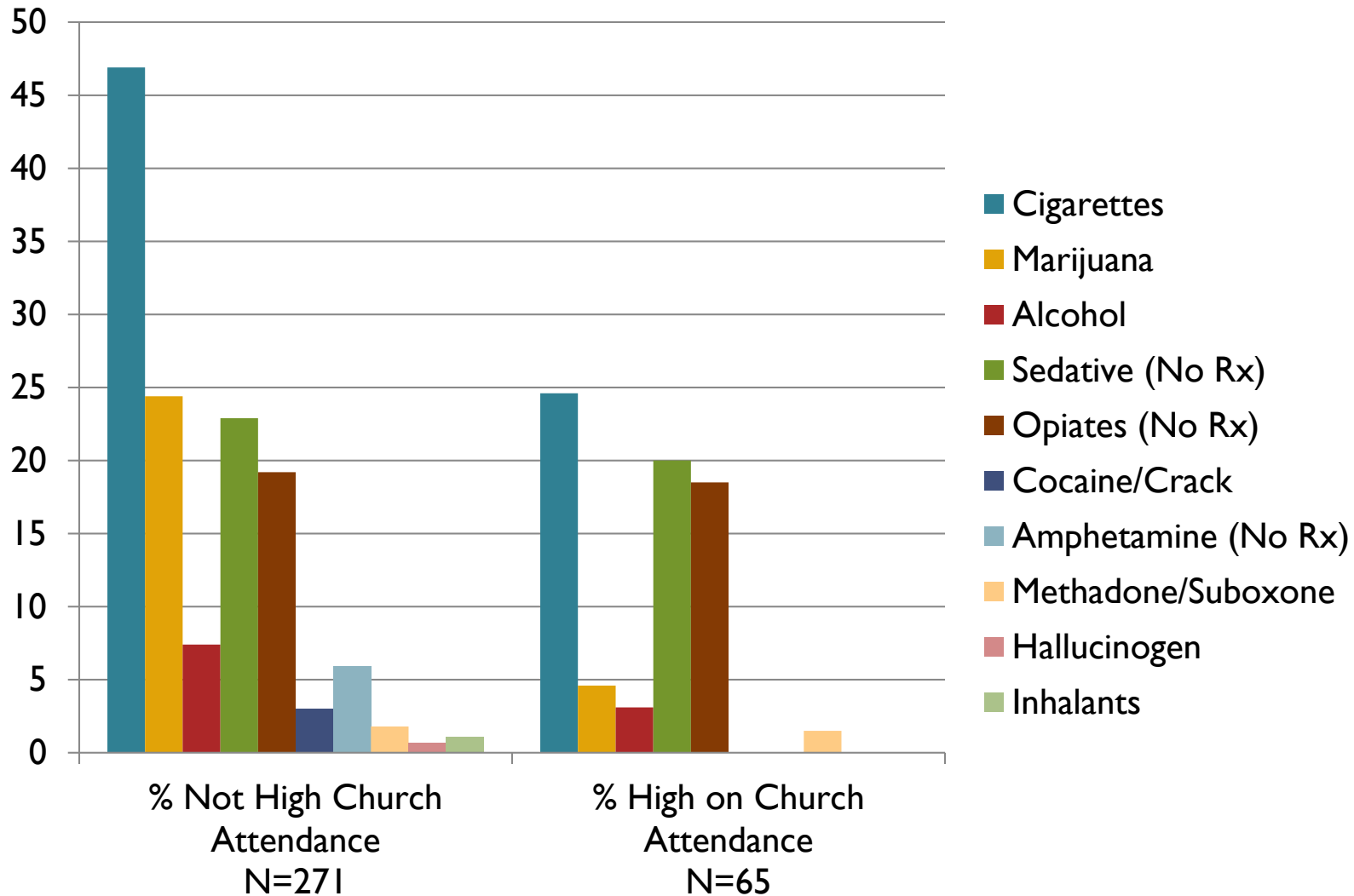
# Hypotheses

- Married pregnant women use fewer substances than unmarried pregnant women
- Cohabiting pregnant women use fewer substances than pregnant women living alone
- Frequent church attending pregnant women use fewer substances than pregnant women who infrequently or never attend church
- Pregnant women high on surrender to God use fewer substances than pregnant women who are not high on surrender to God

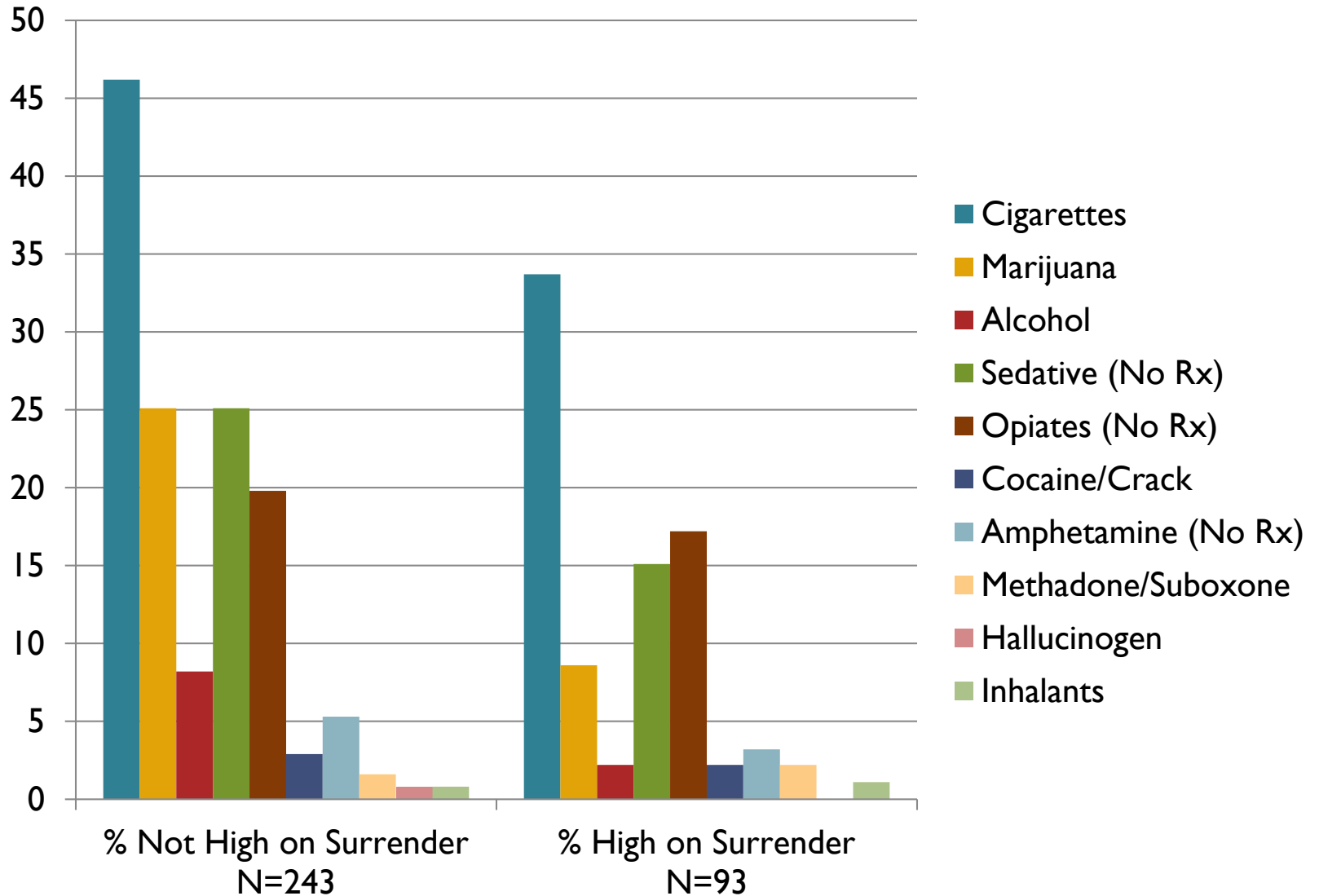
# Substance Use by Marital/Cohabitation Status



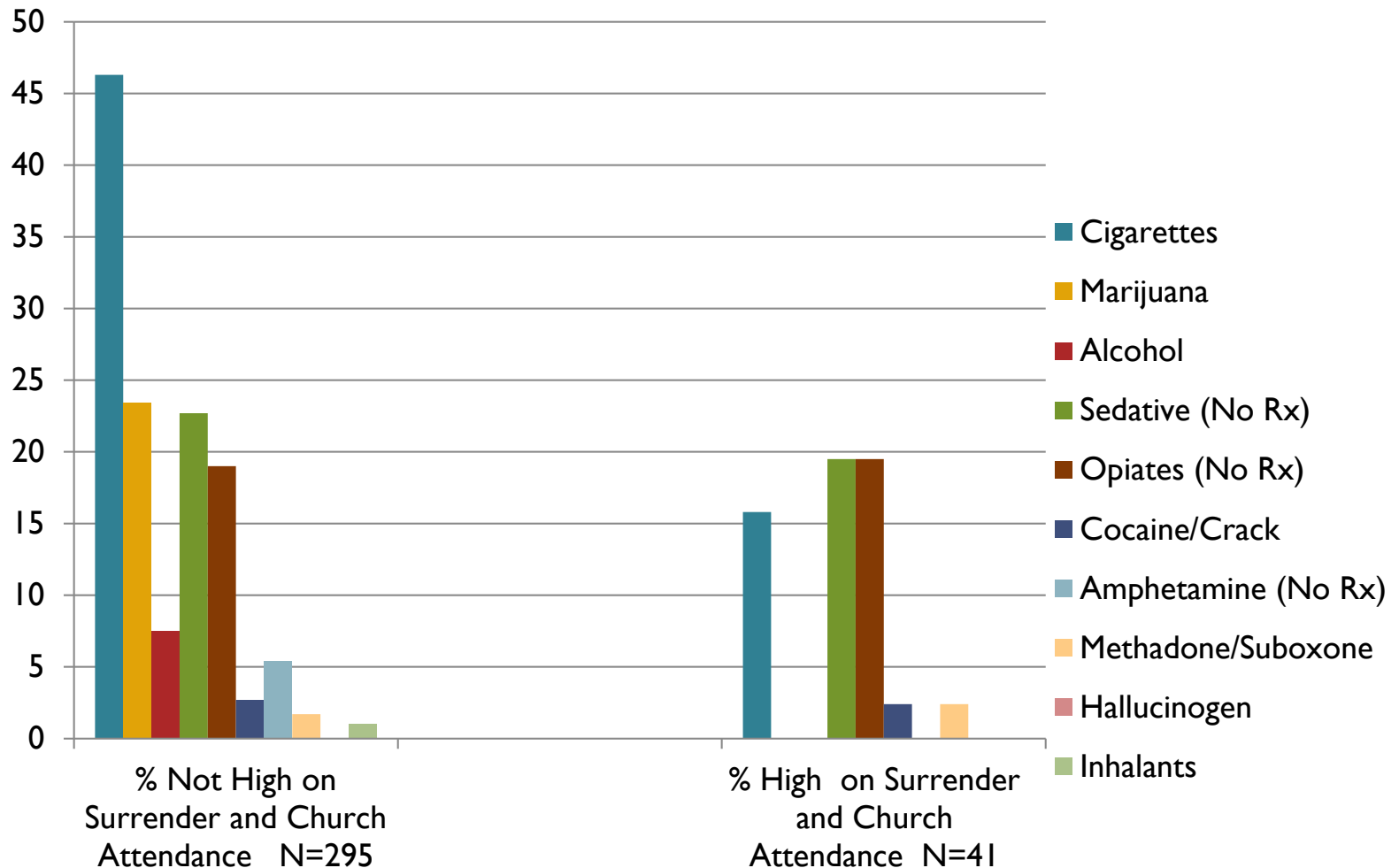
# Substance Use by Church Attendance



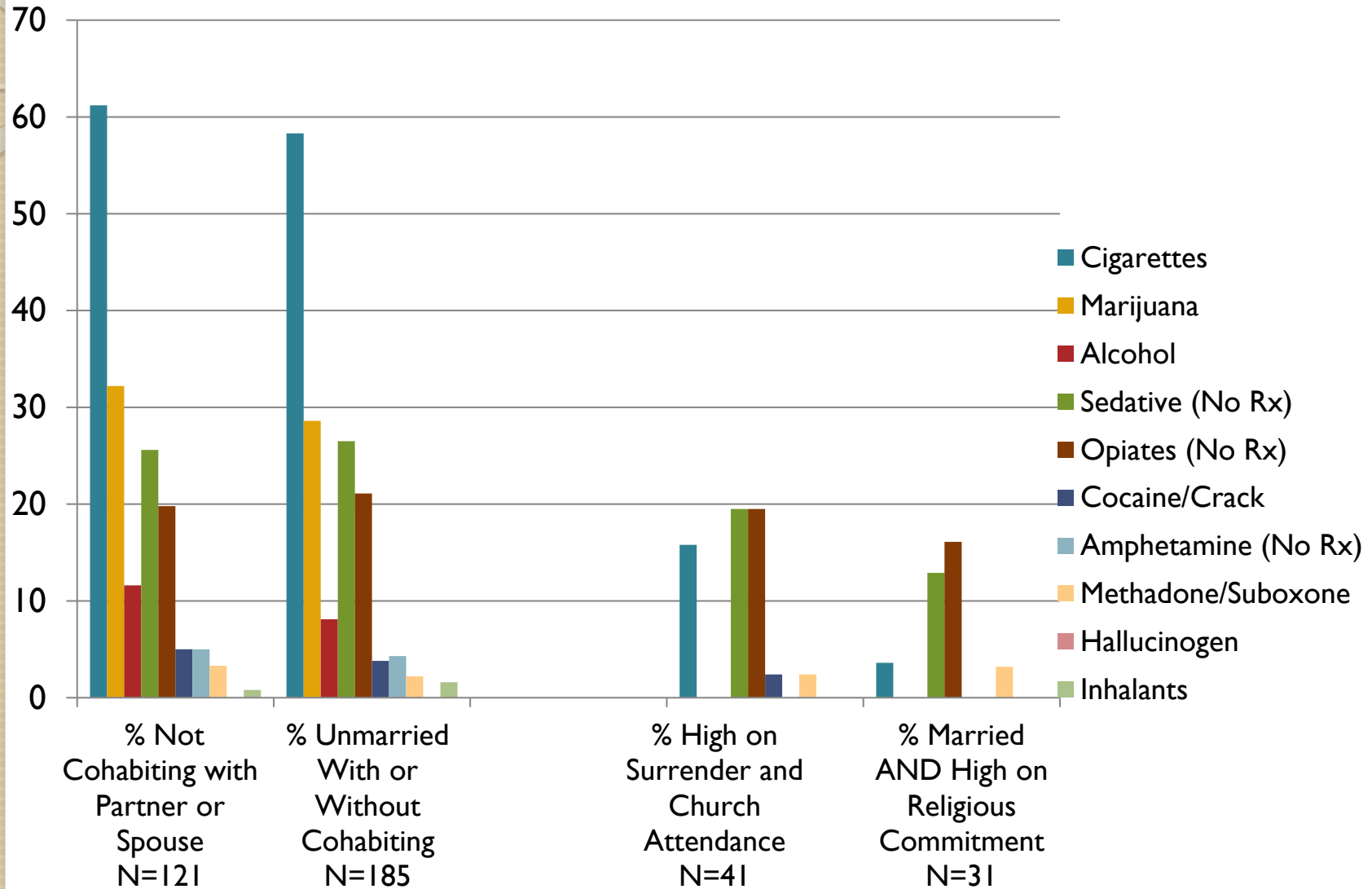
# Substance Use by Surrender to God



# Substance Use by Combined Attendance and Surrender



# Most Extreme Groups



# Funding

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# The People Who Made This Possible

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