

# The Determinants and Early Labour Market Consequences of Dropping Out of School in Canada

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# Outline

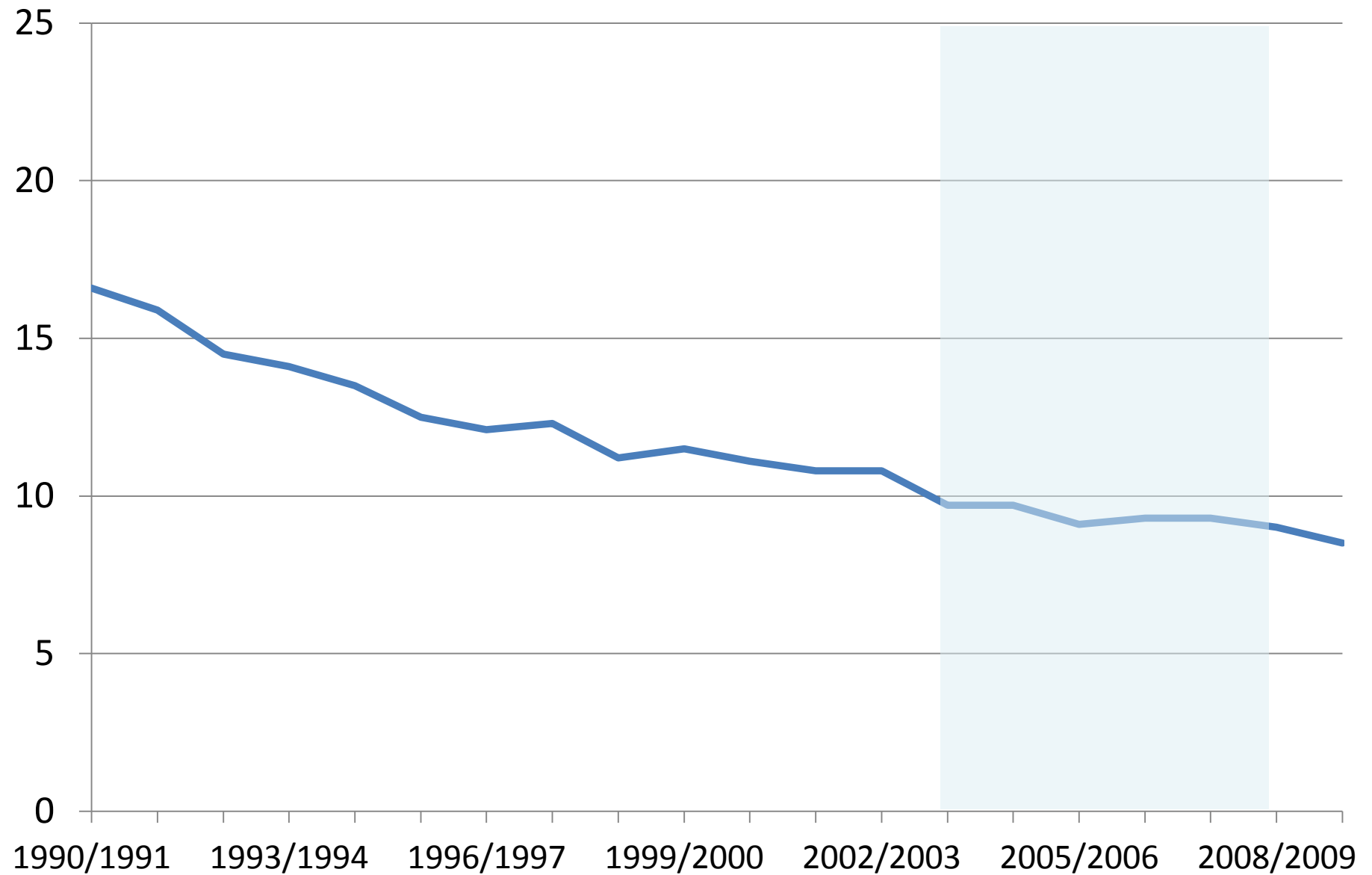
1. Introduction
  - EPRI
  - Context
2. Dropping Out
3. Bouncing Back
4. Labour Market Outcomes
5. Conclusion

# Education Policy Research Initiative

- uOttawa, 2010-
- SSHRC Partnership Development Grant
- Applying for SSHRC Partnership Grant
- YITS, LAD, Institutional Data
- Core Research Team
- Research Network
- [irpe-epri.ca](http://irpe-epri.ca)

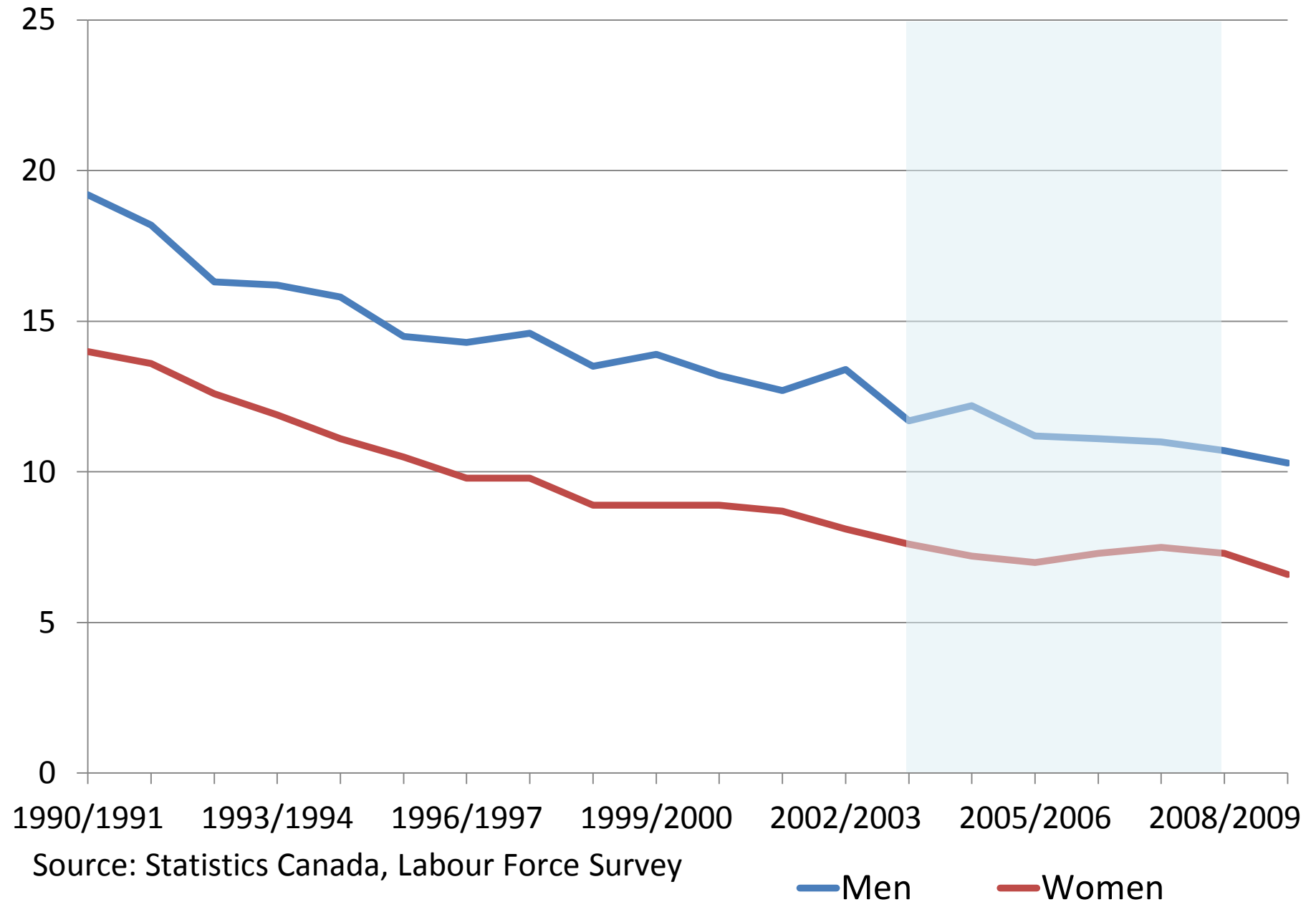
Context

# Dropout rate, non-students aged 20 to 24



Source: Statistics Canada, Labour Force Survey

# Dropout rate, population aged 20 to 24, by sex



Source: Statistics Canada, Labour Force Survey

— Men

— Women

# Youth in Transition Survey

- Cohort A (“Reading Cohort”) Age 15 in 1999.
- Tracked for 10 years, 5 follow-up cycles.
- Cycle 4 (age 21, 2005) for dropout analysis
- Cycle 6 (age 25, 2009) for bouncing back, labour market analysis

# Dropping Out

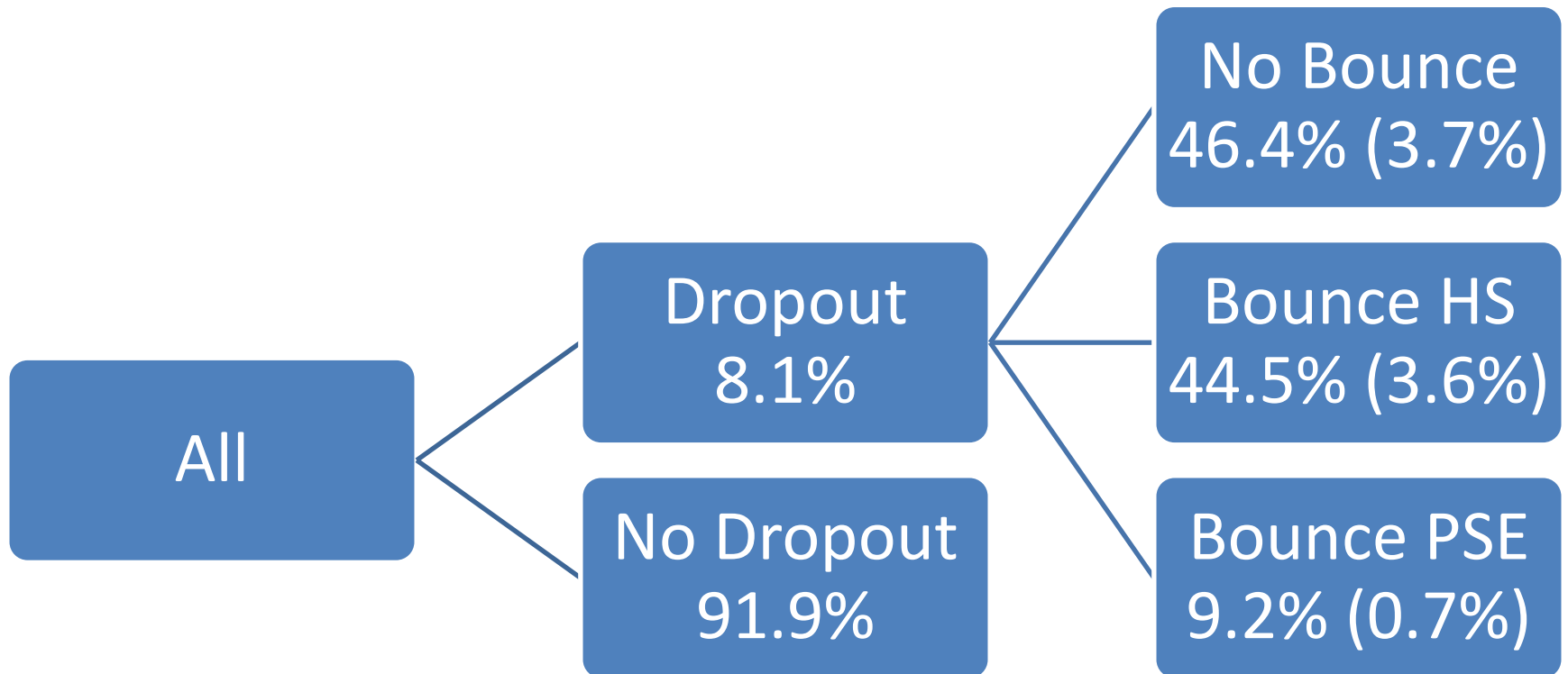
- Report having left High School without completing.
- Takes more than 2 years than normal to graduate High School



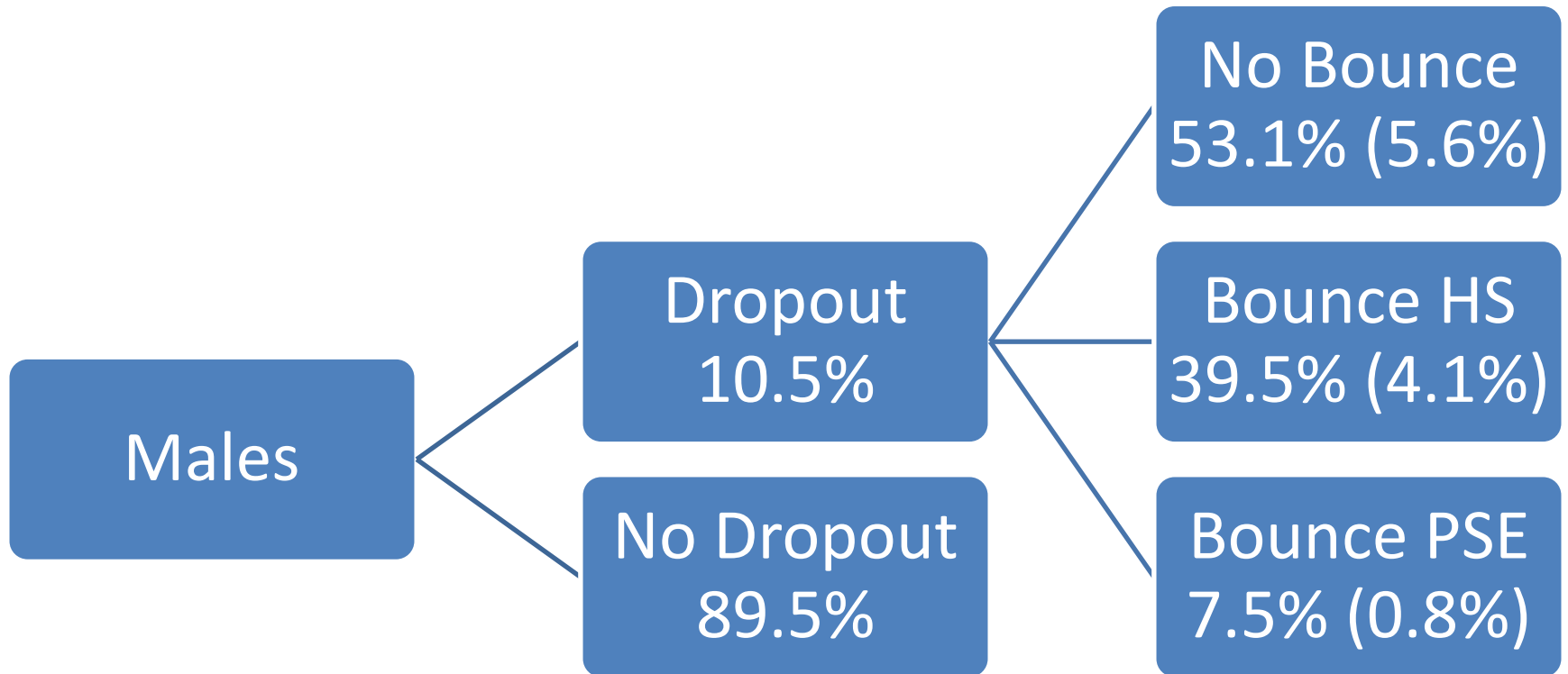
# Bouncing Back

- Graduated by Cycle 6.
- Still in High School.
- Enrolled in a PSE program.

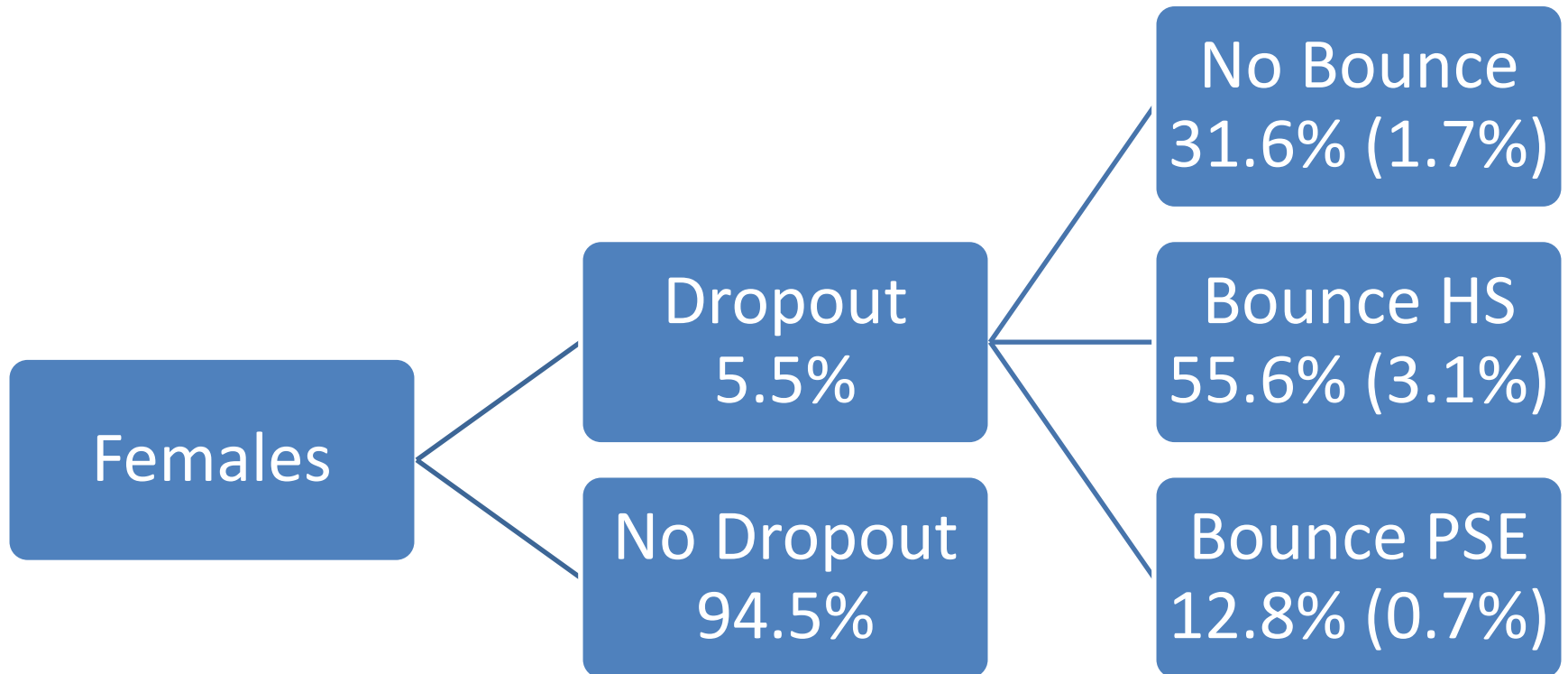
# Pathways, M/F Pooled



# Pathways, Males

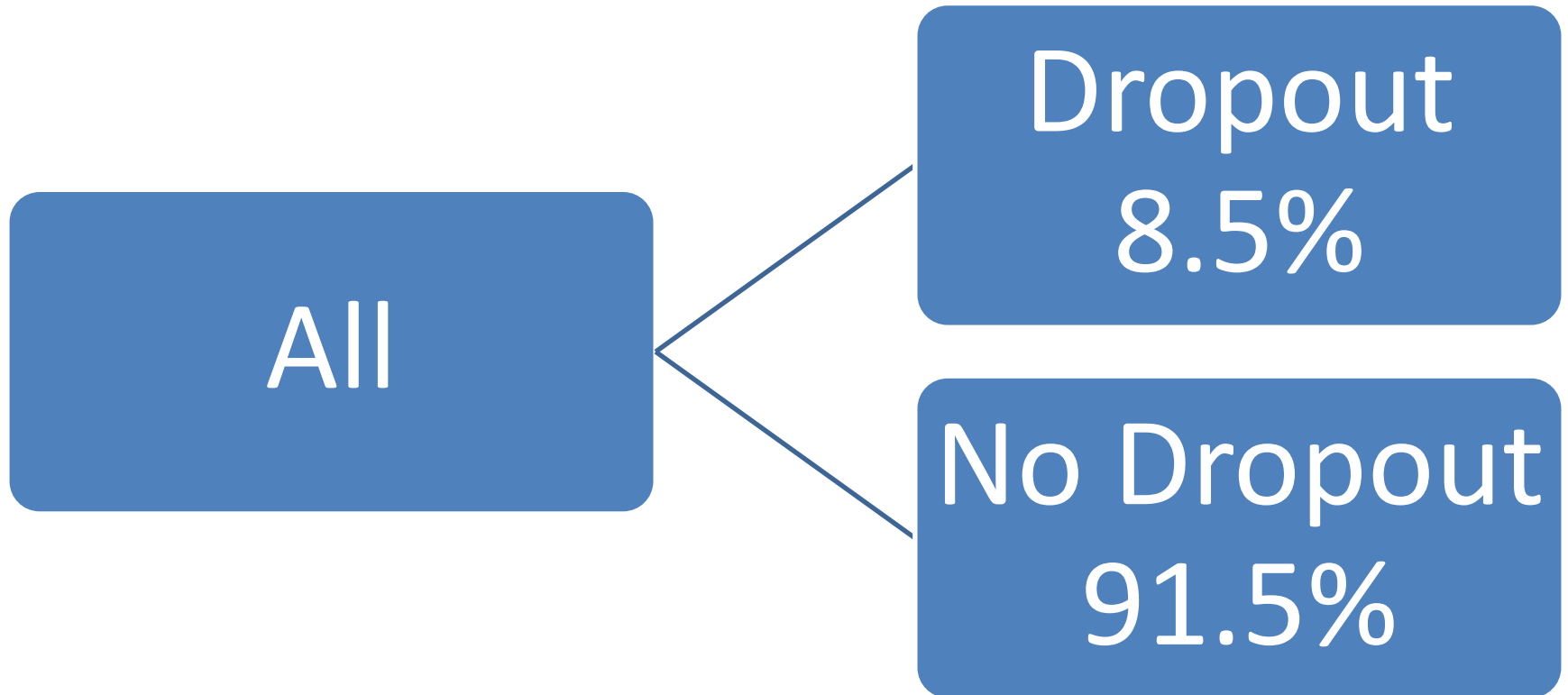


# Pathways, Females



Dropping Out

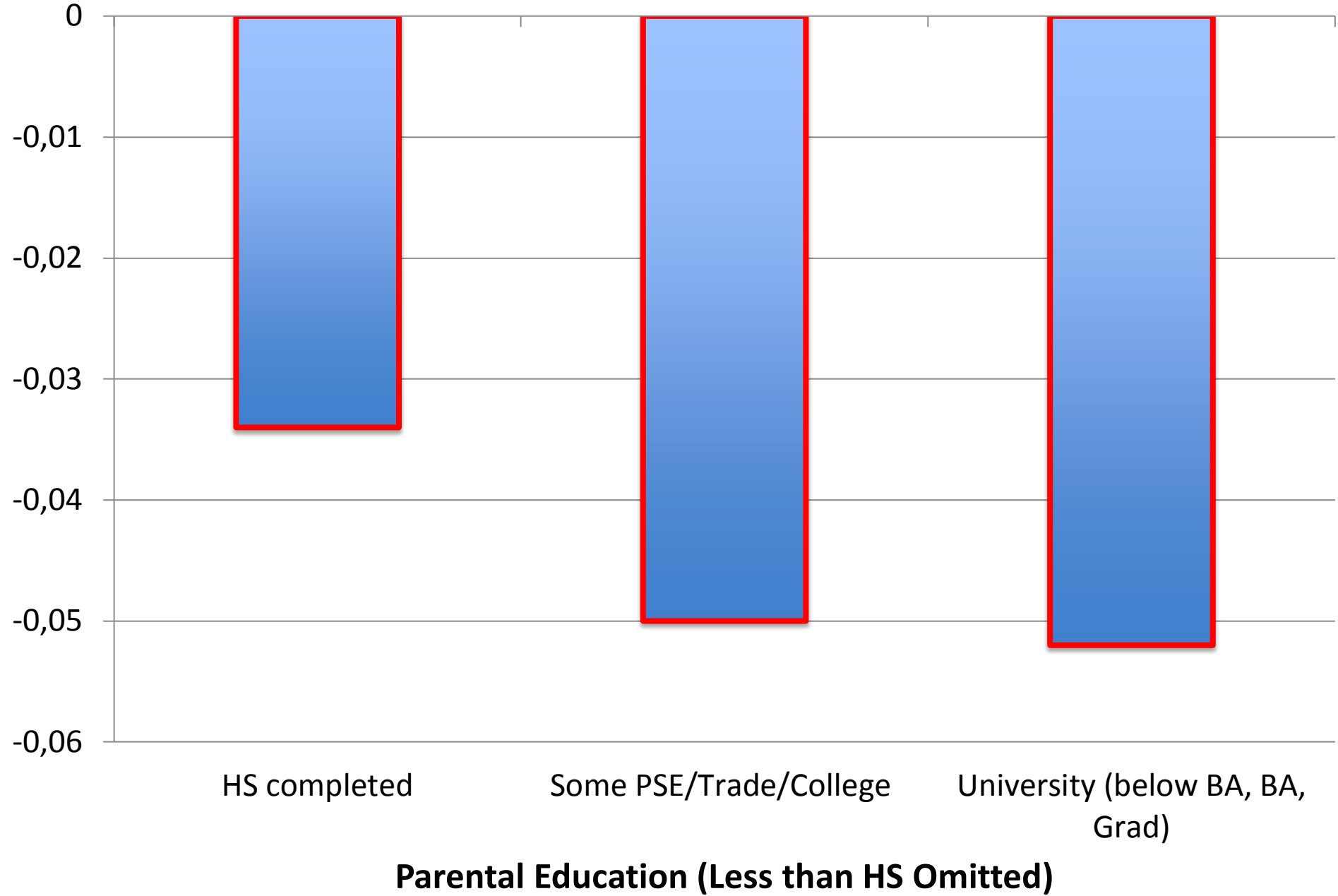
# Dropouts (Cycle 4: Age 21)



# Variables Included – M-F Pooled Models (Marginal Effects)

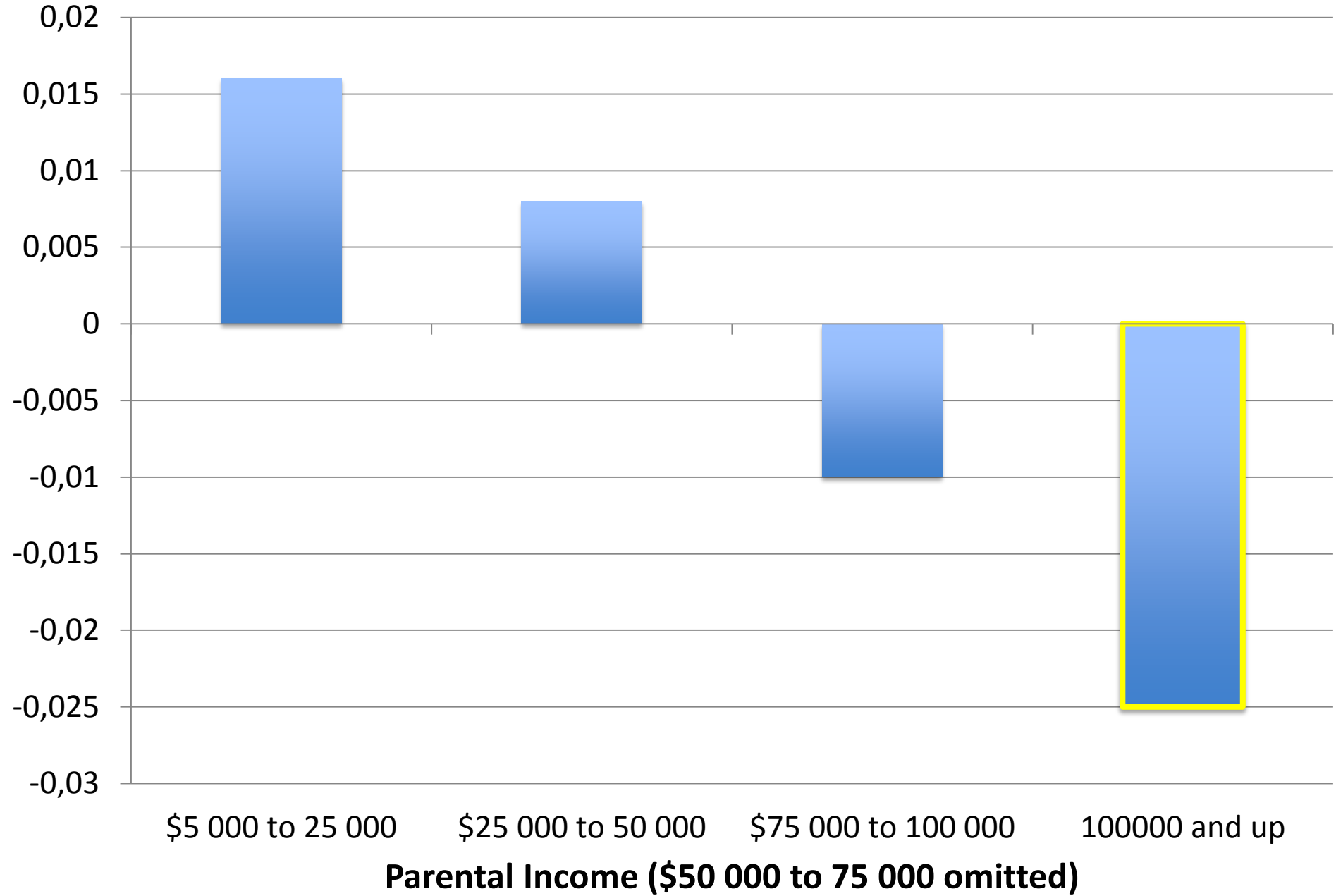
- Parental education; family income
- Family structure
- Rural-urban, province
- Immigrant-Visible minorities
- Grades, PISA, Engagement

# Parental Education

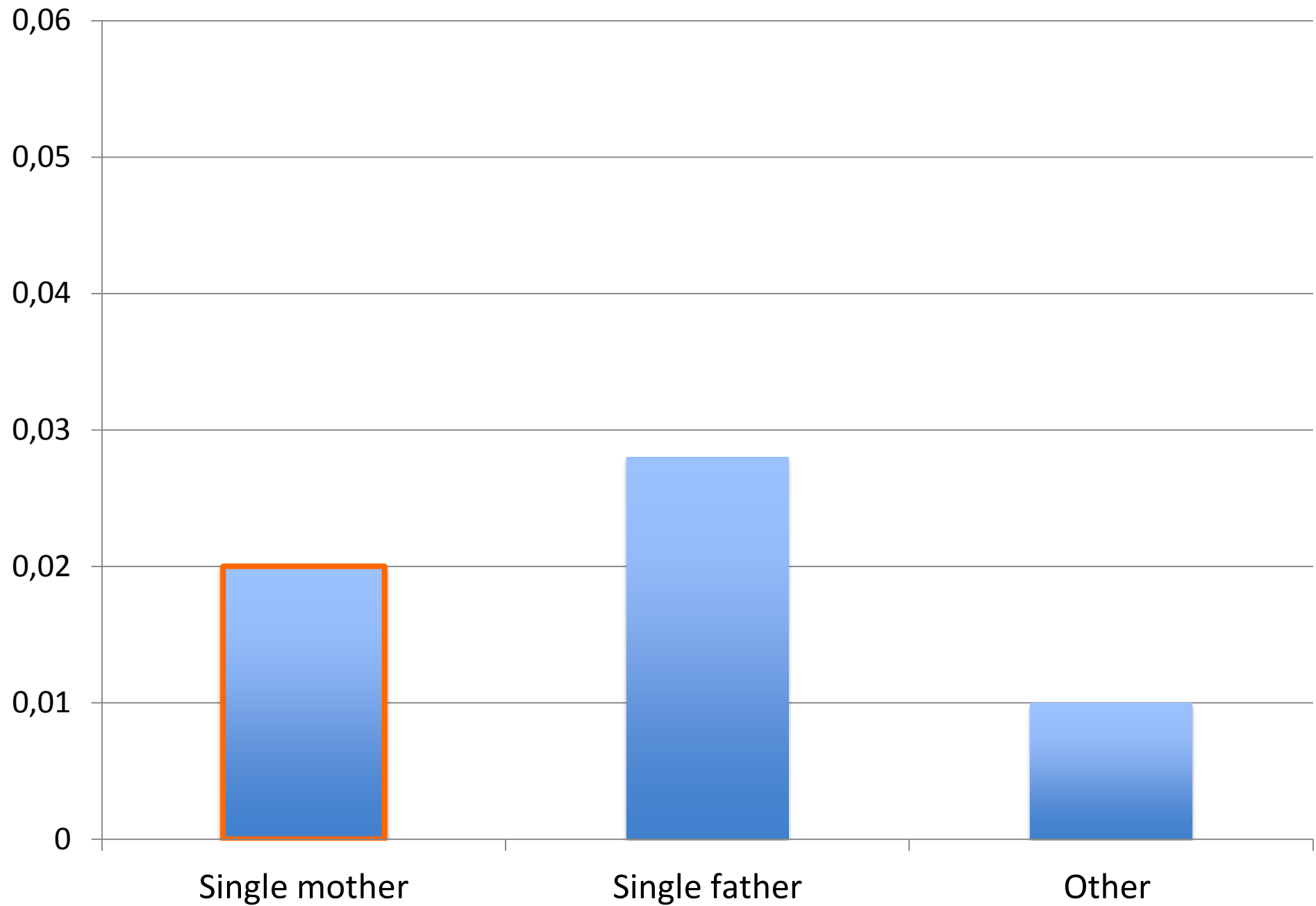




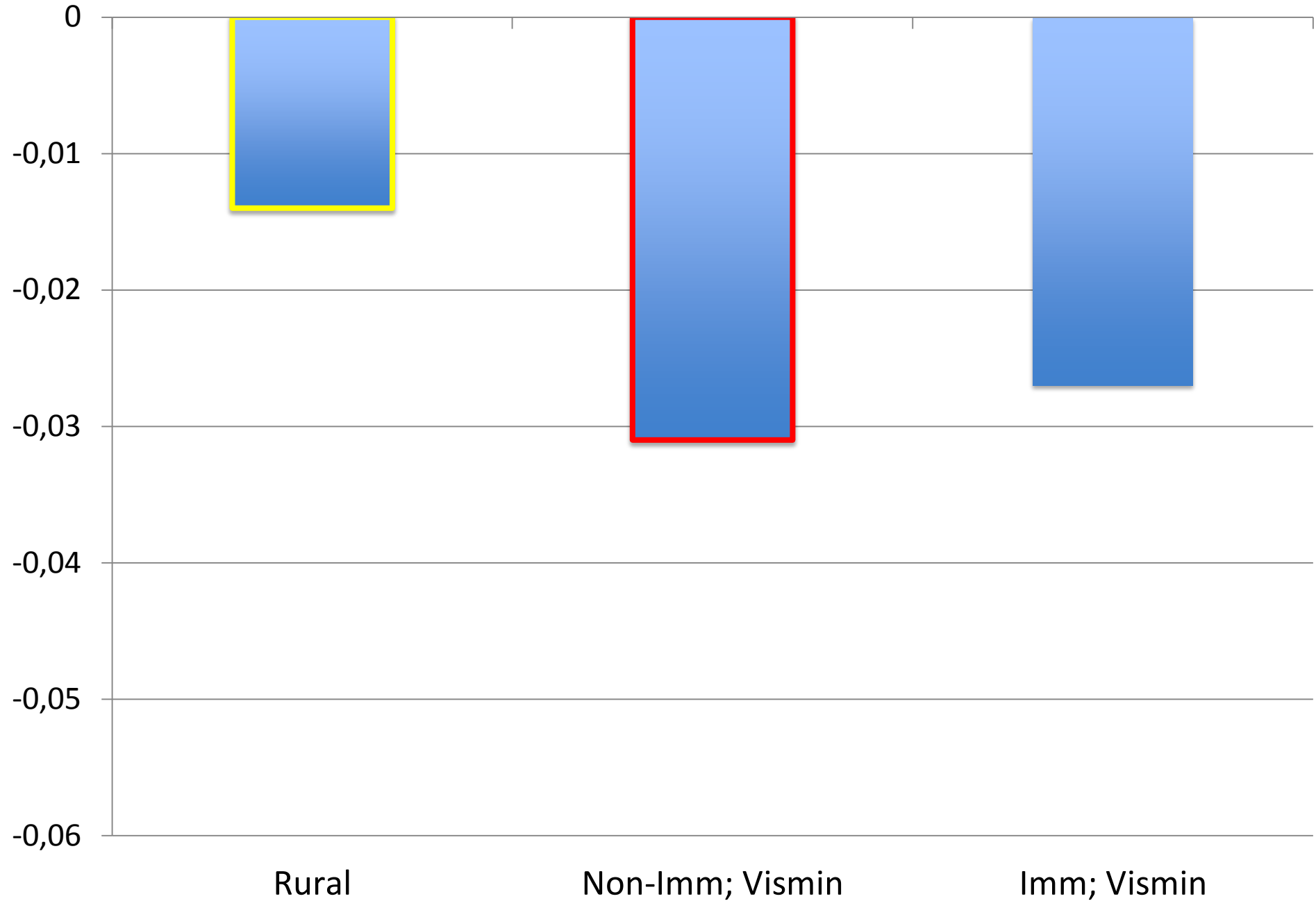
# Parental Income



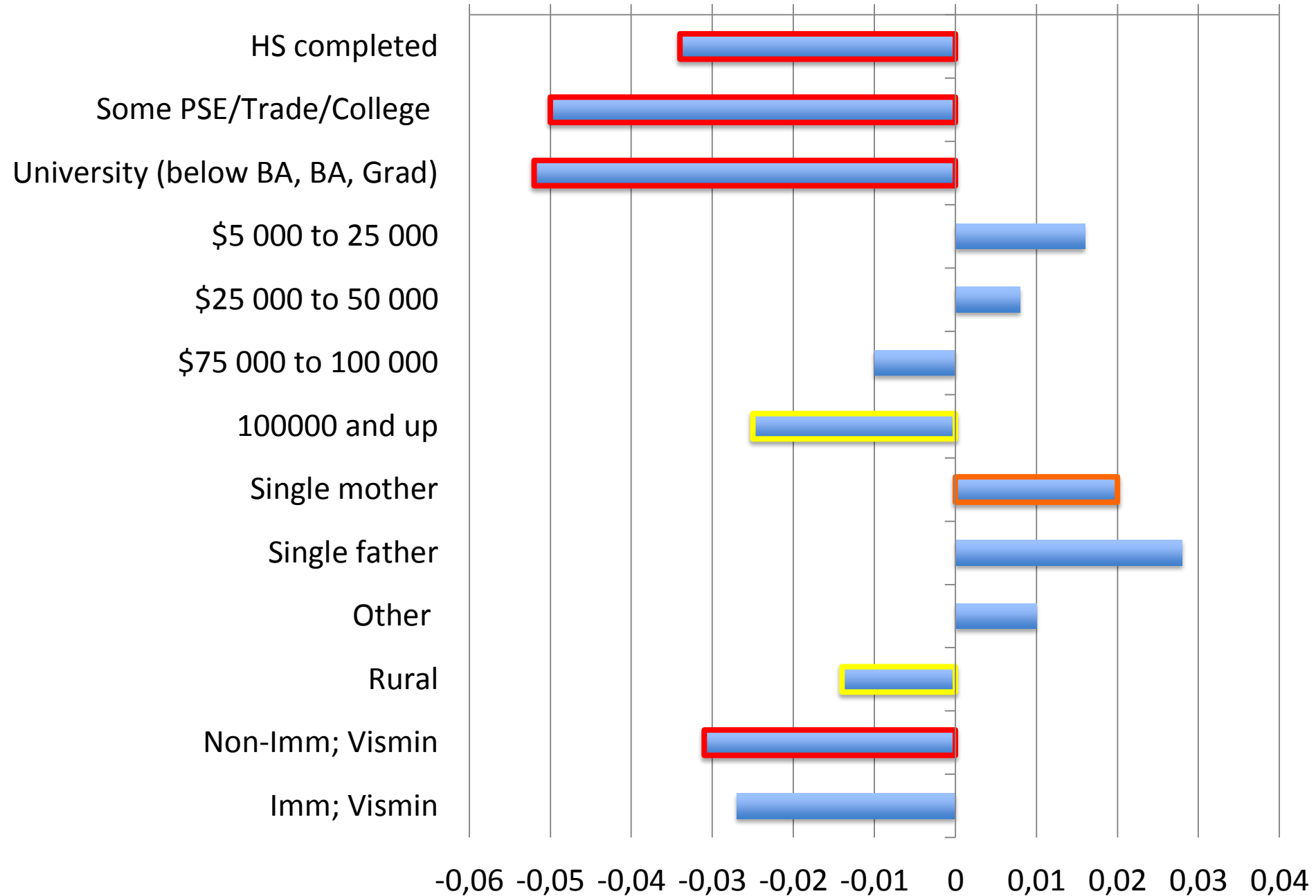
# Family Structure



# Other Background Effects

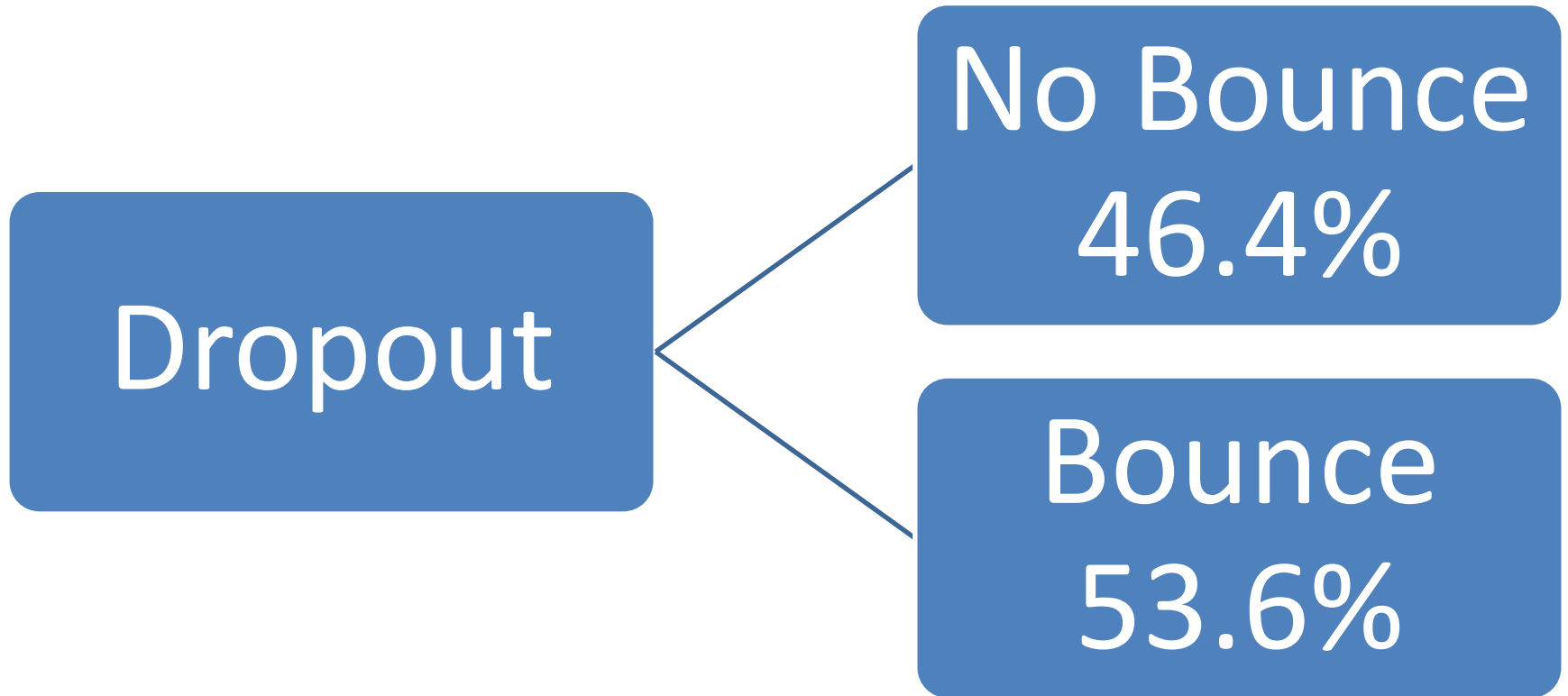


# High School Dropouts, Combined

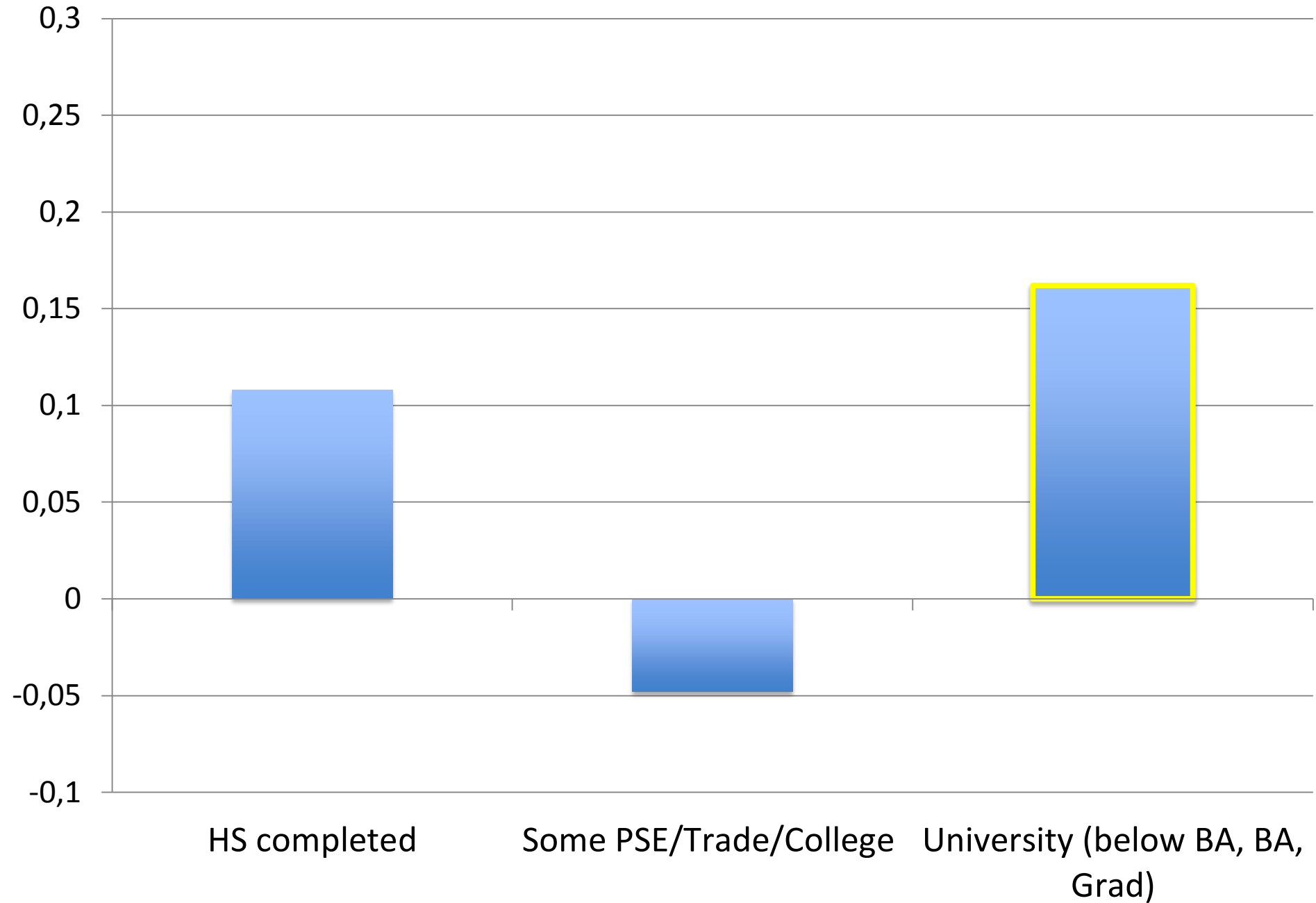


**Bouncing Back**

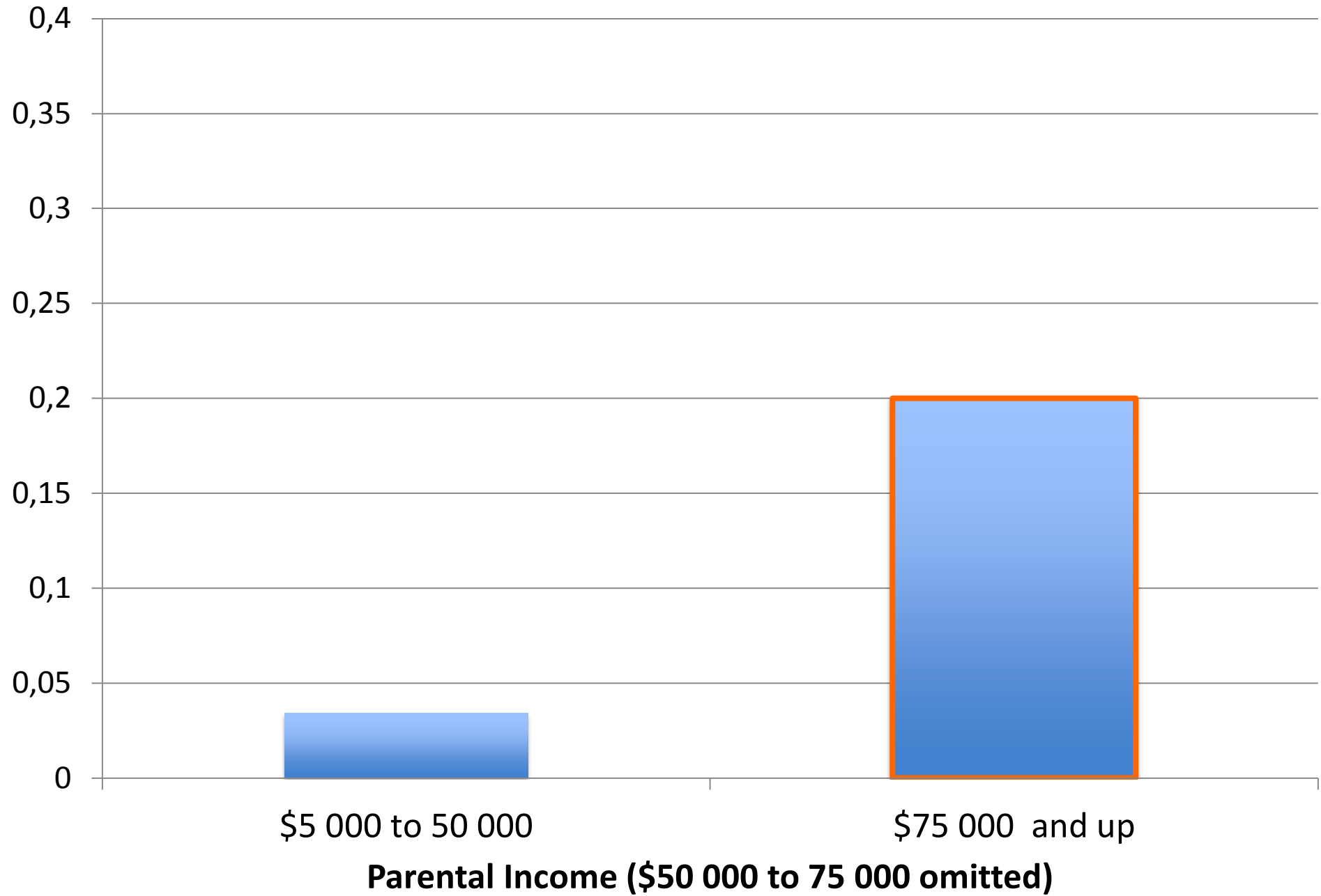
# Bouncing Back (Cycle 6: Age 25)



# Parental Education

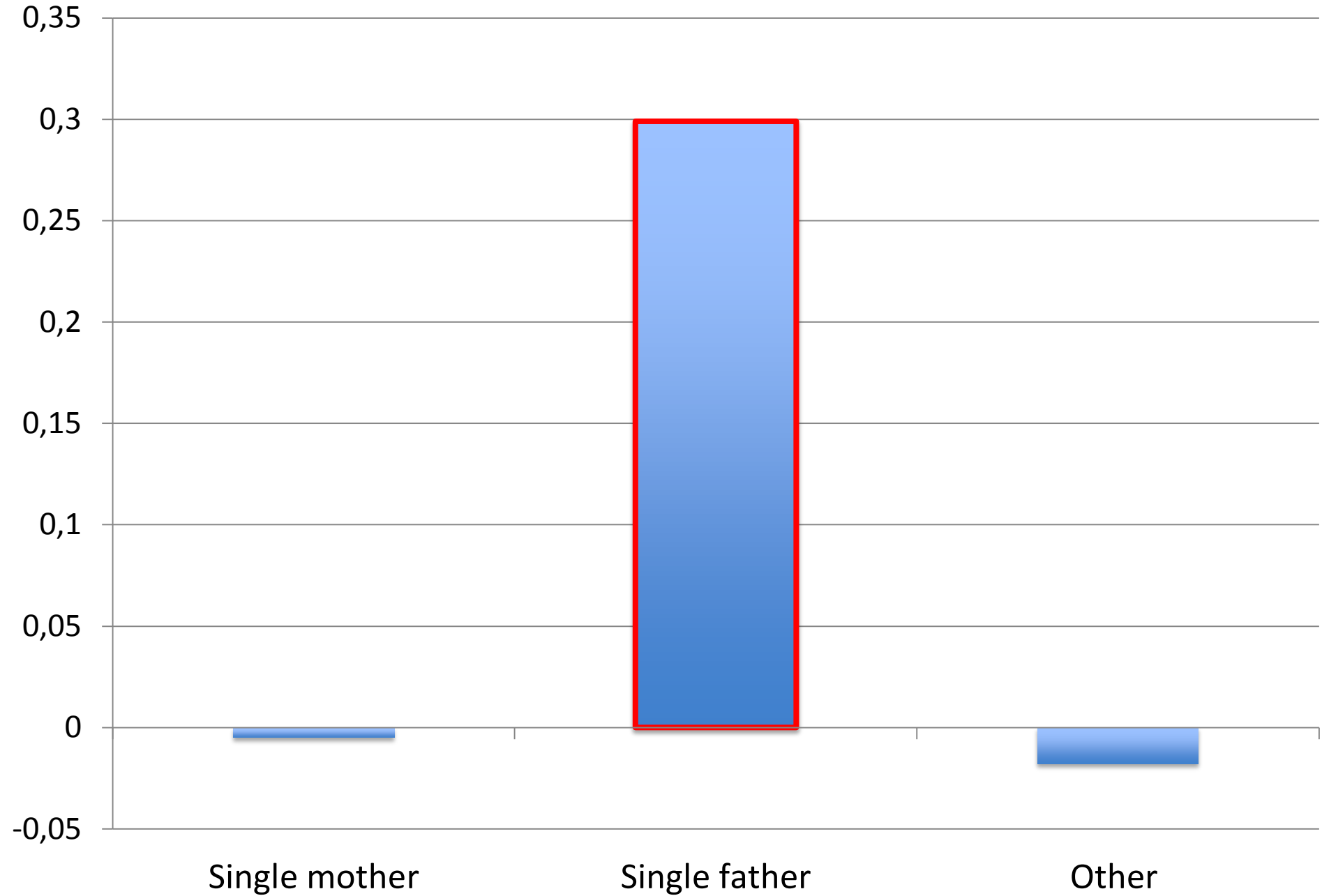


# Parental Income

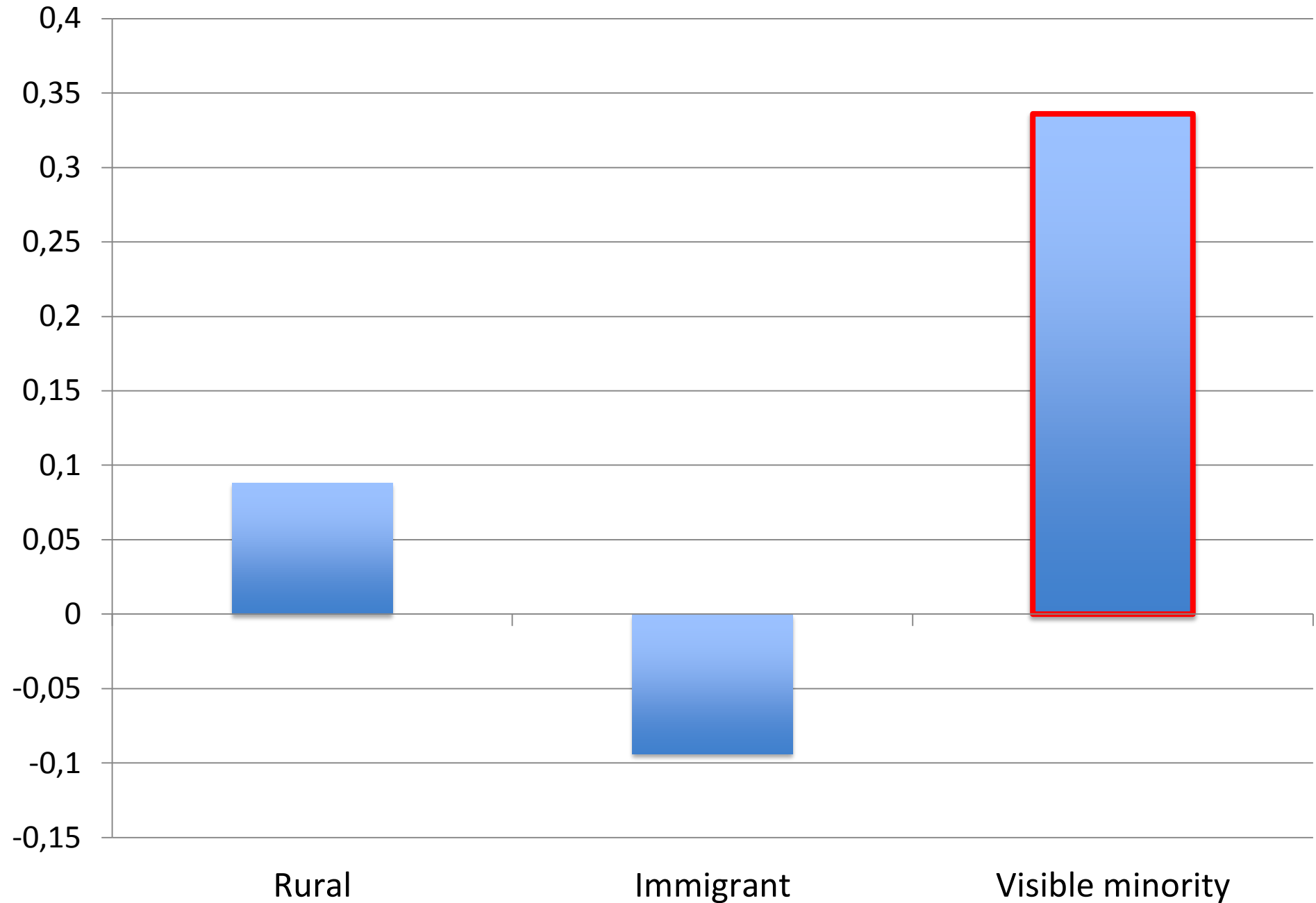




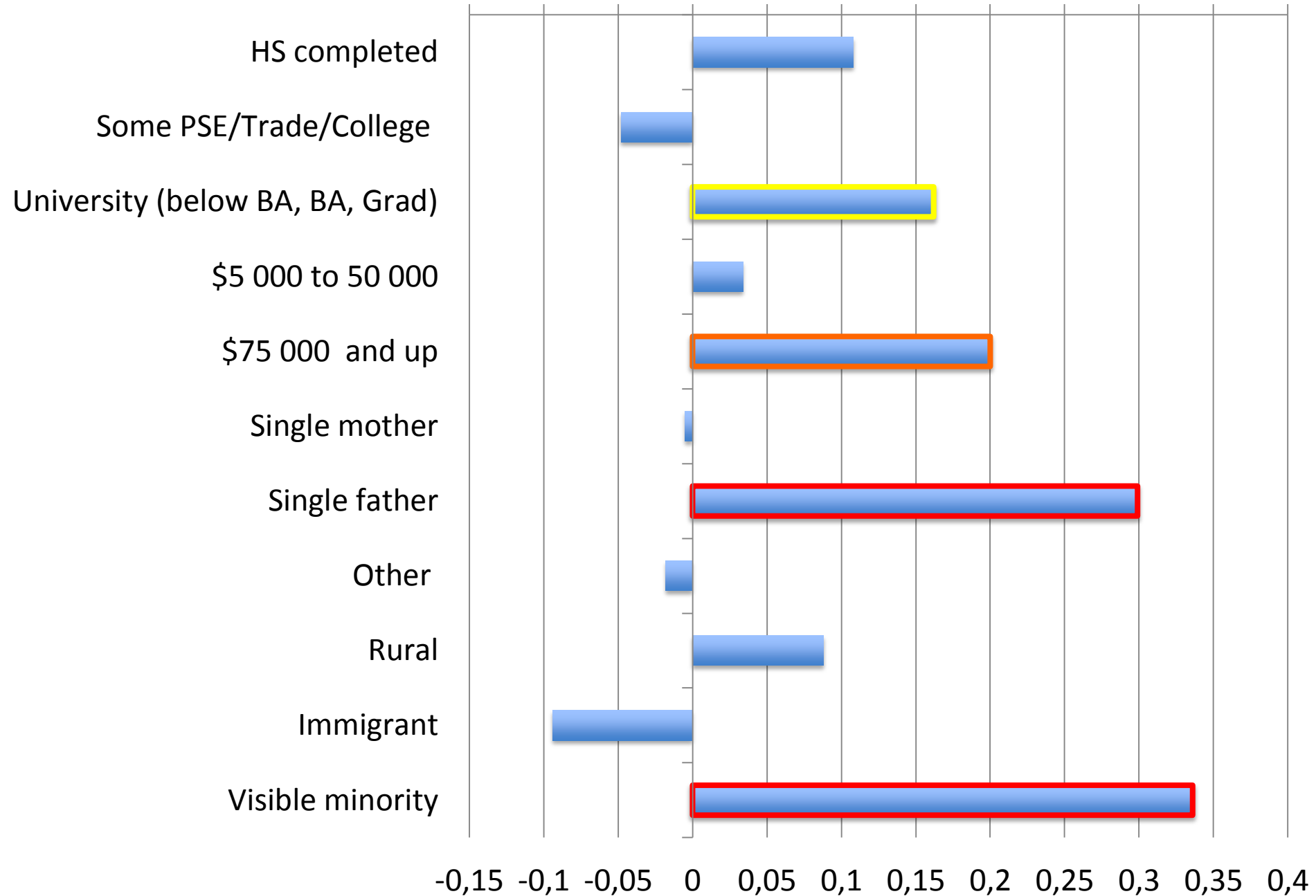
# Family Structure



# Other Background Effects



# Bouncing Back, Combined

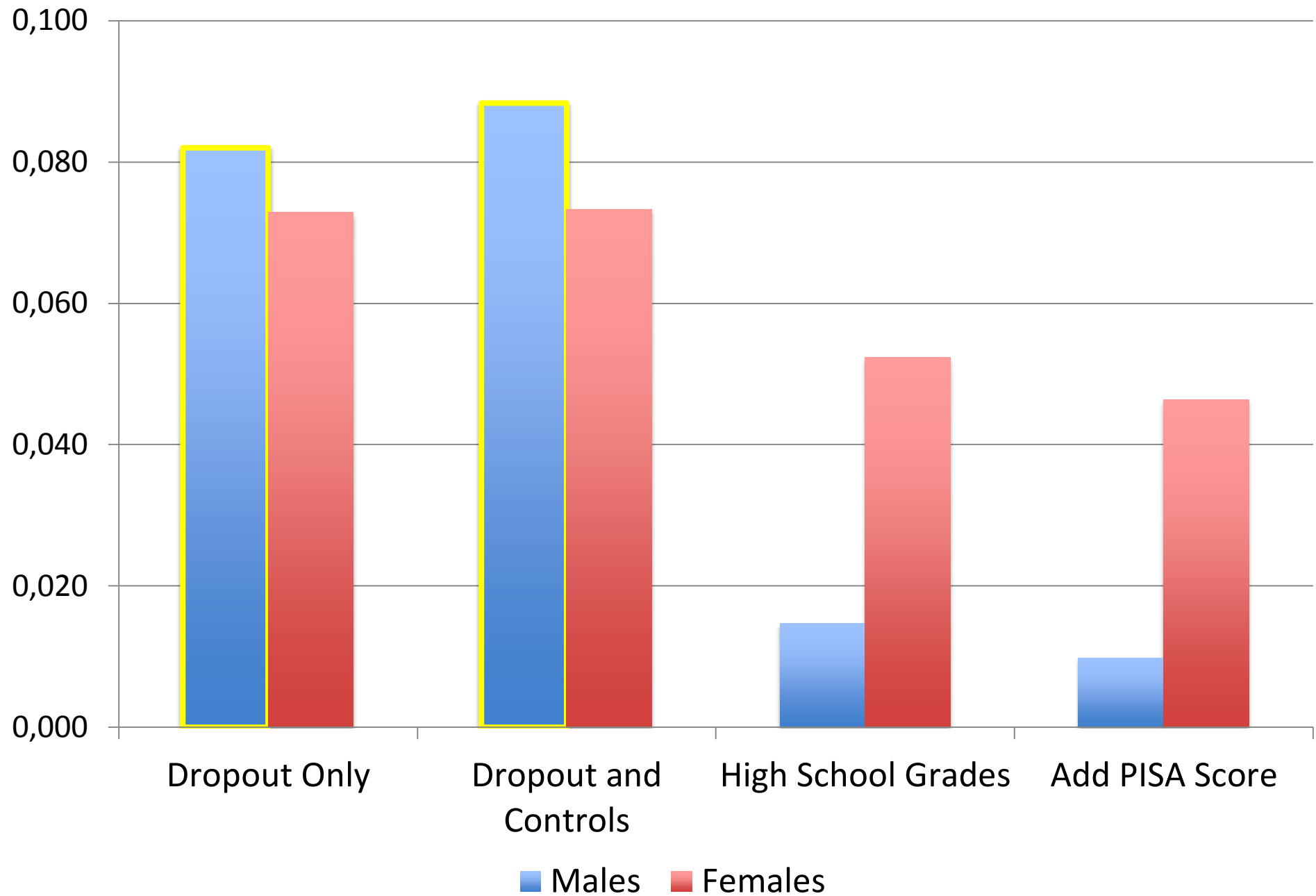


# Outcomes at Age 25 – M-F Separate Models

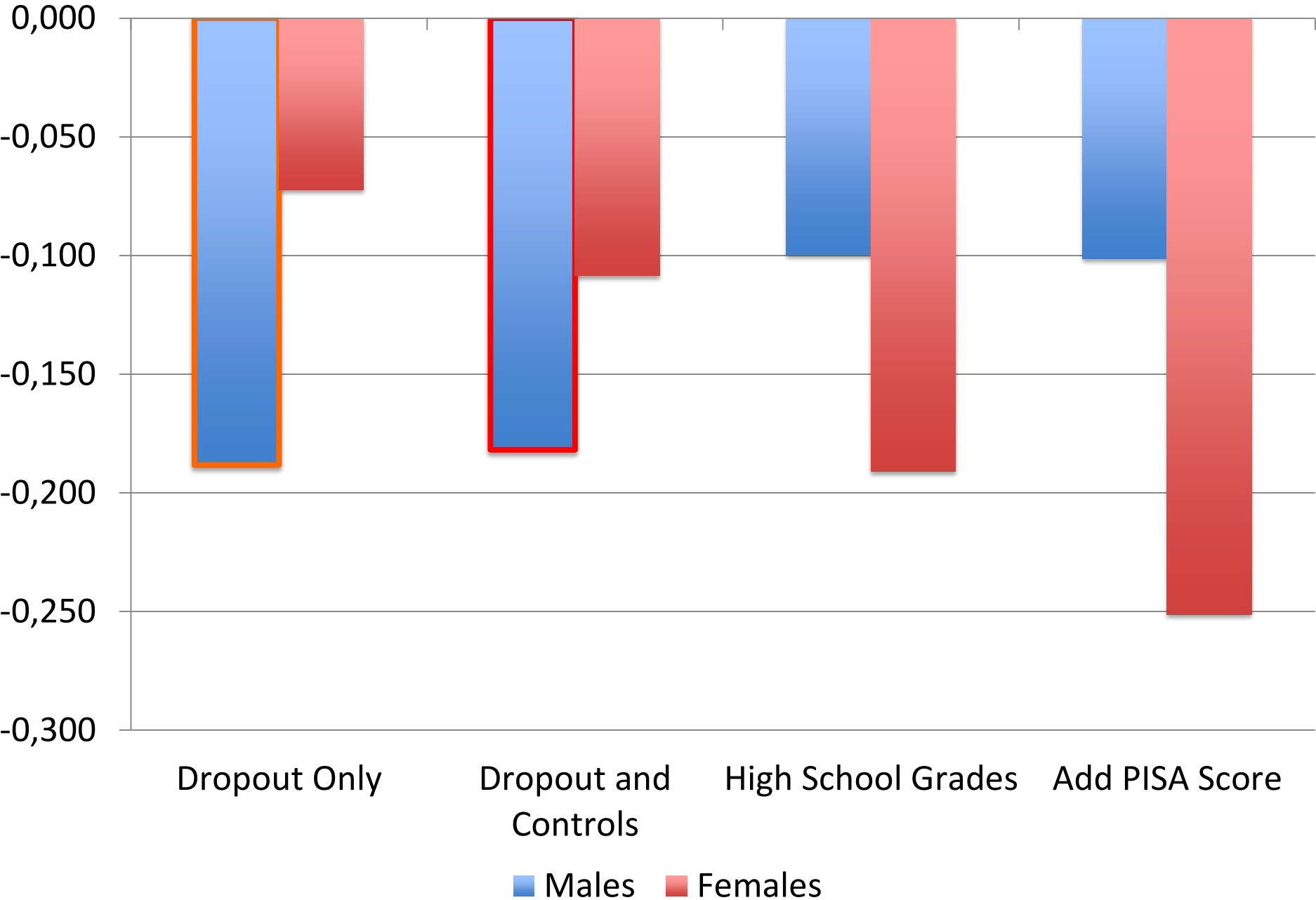
# Different Models

1. Dropout indicator only (plus other education levels)
2. Add standard controls
3. Add grades at age 15
4. Add PISA reading scores

# NEET



# Hourly Wages

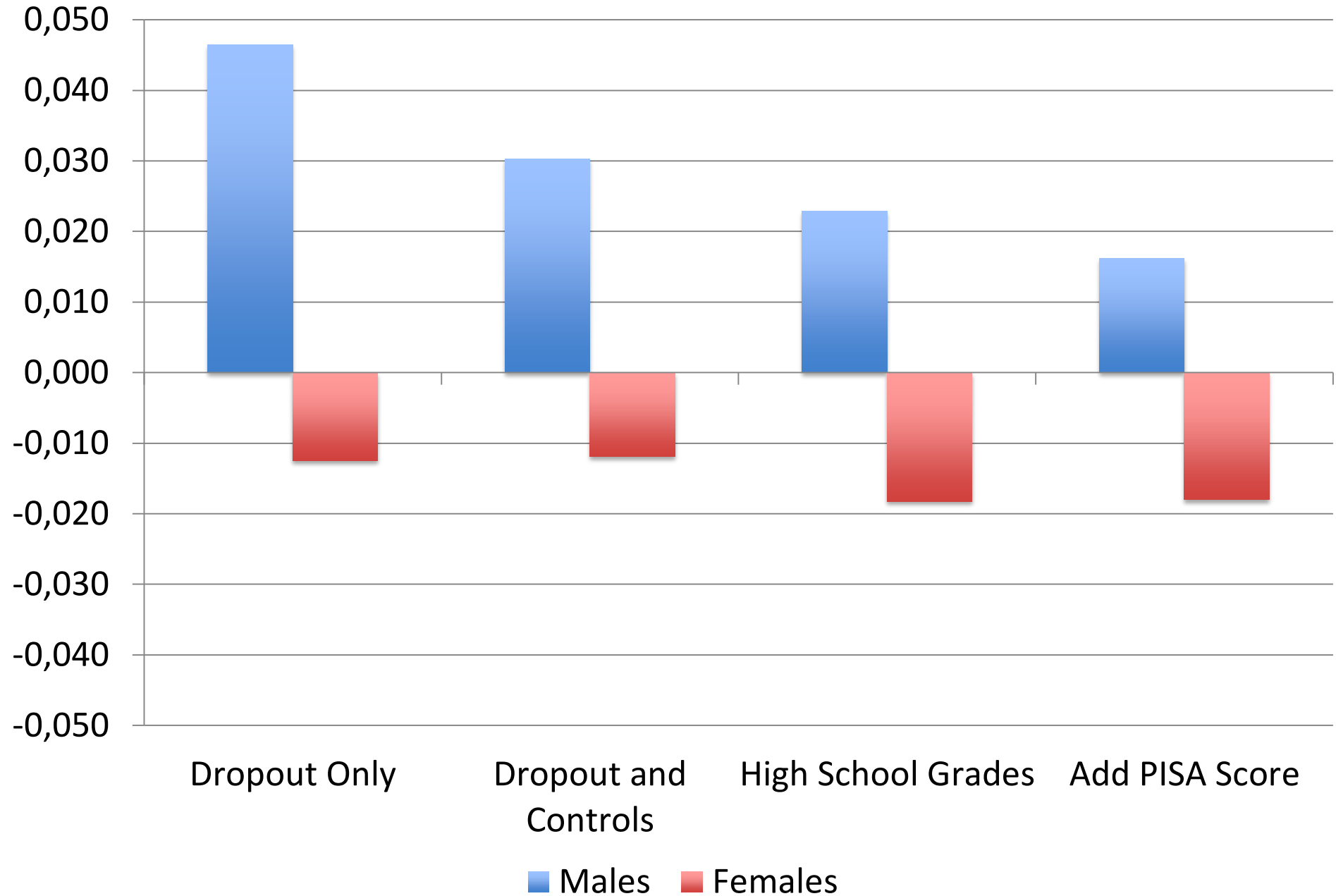


# SA and EI

- Social Assistance
  - Males 2.3%
  - Females 2.7%
- Employment Insurance
  - Males 17.1%
  - Females 14.9%



# Social Assistance



# Employment Insurance

