Bivariate Twin Models

Significant relationship between substance use and perception of both mother (r = 0.12) and father (r = 0.08) relationships; p < 0.05

Sex influenced paternal bonding

Sex and age influenced substance use

Majority of the variation in substance use alone is due to unique genetic factors

2-3% of the variation in substance use due to perceived relationships with parents is attributable to common genetic factors

Conclusion

• Significant relationship between substance use and perception of both mother (r = 0.12) and father (r = 0.08) relationships; p < 0.05

• Sex influenced paternal bonding

• Sex and age influenced substance use

• Majority of the variation in substance use alone is due to unique genetic factors

• 2-3% of the variation in substance use due to perceived relationships with parents is attributable to common genetic factors

References


Acknowledgements

Special thanks to my graduate student Aditi Sabhlok who helped me greatly with this study, as well as the Risky Business Lab.