Supplemental Figure 1. Study Design of FinnTwin12

Epidemiological sample

(All families with twins born 1983-1987)

 $N_{Twins} = 5,600$

N _{Parents} =5,000 (data on both parents was available in 89% of families)

Intensively Studied Sample

(1,035 families)

 $N_{Twins} = 1,864$

N _{Parents} = 1,860



Age 12

- Twins Initiation of Drinking
- Parents DSM-IV Alcohol Dependence, Conduct Disorder, and Adult Antisocial Behavior



Age 14 (N $_{Twins}$ =1,852)

- Twins Intoxication Frequency
- Co-twins DSM-4 Conduct Disorder



Age 17 (N $_{Twins}$ =1,864)

Twins Intoxication Frequency



Age 22 (N Twins =1,347)

- Twins DSM-IV Alcohol Dependence
- Co-twins DSM-IV Adult Antisocial Behavior