Appendix 1.

Infants born in Sweden, and included in the Birth Registry (1973-2012) (n=4,036,346)

- Born preterm (less than 37 weeks gestation) (n=234,924)
- Multiple births (n=56,493)
  - Cardiovascular, respiratory, neurological or multiple system congenital abnormalities (n=29,535)

Eligible infants (n=3,715,394)

- Missing data on Apgar score or gestational age (n=7715)
- Missing data on at least one covariate (n=280,229)

Final cohort for analysis (n=3,427,450).