

ESTER study

AYLS study

Northern Finland Birth Cohort (NFBC) 1986
n = 9432 liveborn infants

Finnish Medical Birth Register (FMBR) Northern Finland 1987-1989
n = 26548

Recruited through NFBC
early preterm n = 102
late preterm n = 306
controls n = 579

Recruited through FMBR
early preterm n = 217
late preterm n = 335
controls n = 441

Did not participate
n = 608

Did not participate
n = 593

Participated in ESTER study
n = 779

Participants invited as preterm,
but found out to be full term
n = 26

Length of gestation confirmed from medical records
149 early preterm
248 late preterm
356 controls

Completed the MEQ
138 early preterm
221 late preterm
329 controls

Participated in the actigraphy study
60 early preterm
101 late preterm
169 controls

Actigraphy exclusion process
<3 accepted nights, n = 18
Night shift workers, n = 9
Sickness during registration, n = 14

Included in the analyses, n = 594
83 early preterm
165 late preterm
346 controls

Deliveries in 7 maternity hospitals in Uusimaa, Finland
Between March 1985 and March 1986
n = 15 311

Admitted to the neonatal wards within 10 days from birth
n = 1535

Healthy, non-hospitalized controls born after every second admitted infant
n = 658

Not traced n = 280

Were invited to participate in a clinical and/or psychological examination
n = 1913

Participated in AYLS study
n = 1136

Did not participate
n = 777

Preterm participants and non-hospitalized, term-born controls.
Length of gestation confirmed from medical records
46 early preterm
129 late preterm
314 controls

Participated in the actigraphy study
31 early preterm
84 late preterm
225 controls

Actigraphy exclusion process
<3 accepted nights, n = 18
Night shift workers, n = 14
Sickness during registration, n = 5