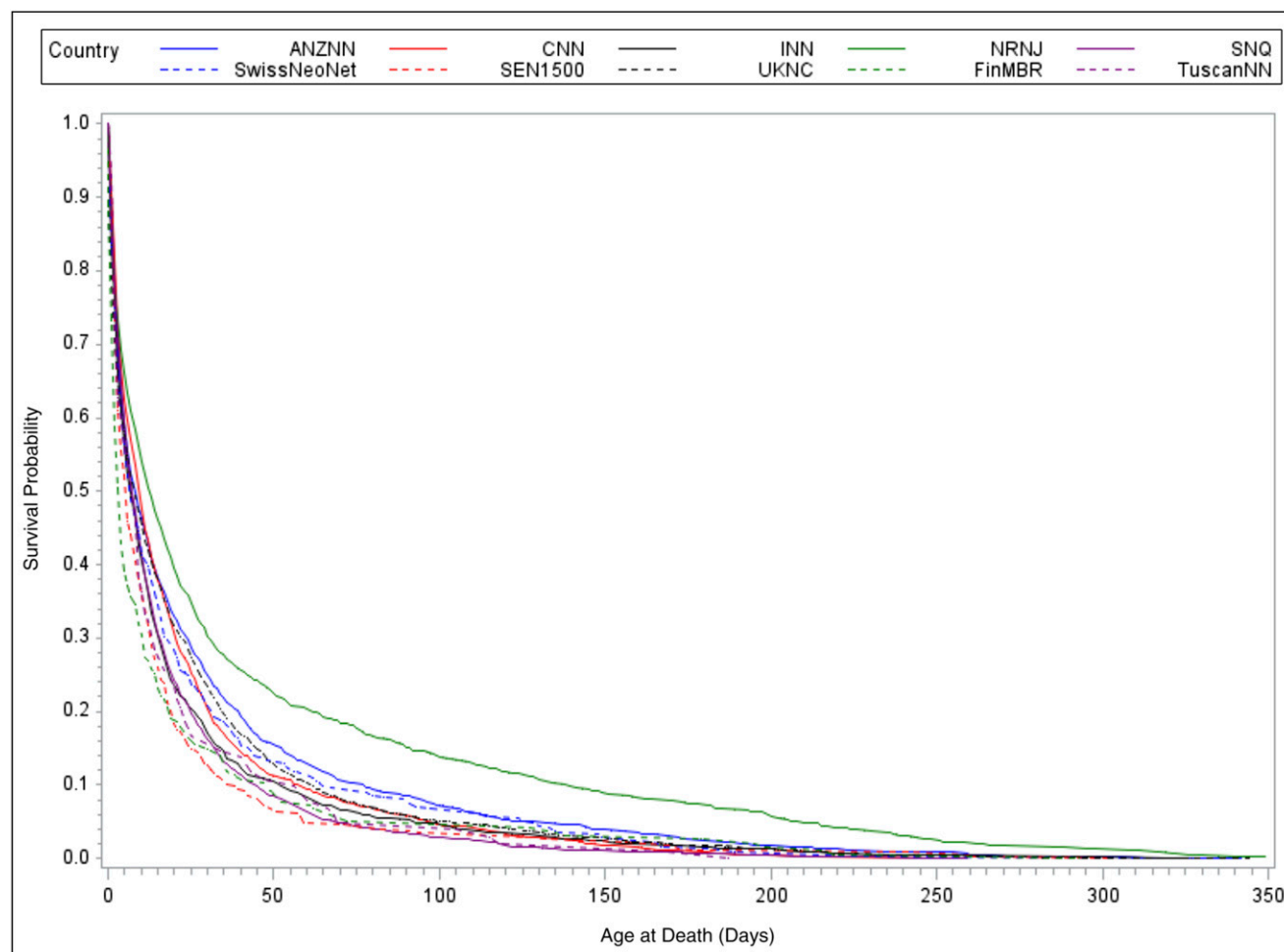


Supplemental Information



SUPPLEMENTAL FIGURE 4

Age at death among nonsurviving infants (24–29 weeks' gestation, birth weight <1500 g) born between 2007 and 2013 and admitted to neonatal care in each iNeo network.

SUPPLEMENTAL INFORMATION: PAIRWISE RELATIVE RATIOS

In addition to the analyses in the main manuscript, we also evaluated survival by comparing networks pairwise to each other (Supplemental Table 5). We used multivariable logistic regression

(including country-specific, fixed effects) and adjusted for GA, birth weight z-score, sex, and multiple births; variables were selected on the basis of a P value <.1 in univariate analyses. Hosmer-Lemeshow test and C-statistic were used to check model fit. Multivariate Poisson regression was applied, and adjusted relative

ratios were estimated for all possible pairwise comparisons. We evaluated statistical significance by applying a stringent Bonferroni multiple-testing adjustment to account for 45 independent pairwise comparisons with a significance threshold of P <.001 (corresponding to 99.9% CI for relative ratio estimates).

SUPPLEMENTAL TABLE 5 Adjusted Relative Ratios (99.9% CIs) Comparing the Survival Rates for Infants (GA 24–29 Weeks' Gestation, Birth Weight <1500 g) Pairwise Between the 10 iNeo Networks (Row Versus Column)

| Network | ANZNN | CNN | FinMBR | INN | NRNJ | SEN1500 | SNQ | SwissNeoNet | TuscanNN | UKNC |
|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| ANZNN | 1.00 | 1.00 (0.99–1.01) | 1.00 (0.99–1.01) | 1.05 (1.04–1.06) | 0.97 (0.96–0.98) | 1.06 (1.05–1.07) | 0.99 (0.98–1.00) | 1.01 (1.00–1.02) | 1.03 (1.01–1.06) | 1.01 (1.00–1.01) |
| CNN | 1.00 (0.99–1.01) | 1.00 | 1.00 (0.99–1.01) | 1.05 (1.04–1.06) | 0.97 (0.96–0.98) | 1.06 (1.05–1.07) | 0.99 (0.98–1.00) | 1.01 (1.00–1.02) | 1.03 (1.01–1.06) | 1.01 (1.00–1.01) |
| FinMBR | 1.00 (0.99–1.01) | 1.00 (0.99–1.01) | 1.00 | 1.05 (1.03–1.07) | 0.97 (0.96–0.98) | 1.06 (1.05–1.08) | 0.99 (0.98–1.01) | 1.01 (0.99–1.03) | 1.03 (1.00–1.06) | 1.01 (0.99–1.02) |
| INN | 0.95 (0.94–0.96) | 0.95 (0.94–0.96) | 0.95 (0.94–0.97) | 1.00 | 0.93 (0.92–0.93) | 1.01 (1.00–1.02) | 0.95 (0.93–0.96) | 0.96 (0.95–0.98) | 0.98 (0.96–1.01) | 0.96 (0.95–0.97) |
| NRNJ | 1.03 (1.03–1.04) | 1.03 (1.03–1.04) | 1.03 (1.02–1.05) | 1.08 (1.07–1.09) | 1.00 | 1.09 (1.09–1.10) | 1.02 (1.01–1.03) | 1.04 (1.03–1.05) | 1.06 (1.04–1.09) | 1.04 (1.03–1.04) |
| SEN1500 | 0.94 (0.93–0.95) | 0.94 (0.93–0.95) | 0.94 (0.93–0.96) | 0.99 (0.98–1.00) | 0.91 (0.91–0.92) | 1.00 | 0.93 (0.92–0.95) | 0.95 (0.94–0.96) | 0.97 (0.95–1.00) | 0.95 (0.94–0.96) |
| SNQ | 1.01 (1.00–1.02) | 1.01 (1.00–1.02) | 1.01 (0.99–1.02) | 1.06 (1.04–1.07) | 0.98 (0.97–0.99) | 1.07 (1.06–1.08) | 1.00 | 1.02 (1.00–1.03) | 1.04 (1.01–1.07) | 1.01 (1.00–1.02) |
| SwissNeoNet | 0.99 (0.98–1.00) | 0.99 (0.98–1.00) | 0.99 (0.97–1.01) | 1.04 (1.02–1.05) | 0.96 (0.95–0.97) | 1.05 (1.04–1.06) | 0.98 (0.97–1.00) | 1.00 | 1.02 (0.99–1.05) | 1.00 (0.98–1.01) |
| TuscanNN | 0.97 (0.95–0.99) | 0.97 (0.95–0.99) | 0.97 (0.94–1.00) | 1.02 (0.99–1.04) | 0.94 (0.92–0.96) | 1.03 (1.00–1.05) | 0.96 (0.94–0.99) | 0.98 (0.96–1.01) | 1.00 | 0.98 (0.95–1.00) |
| UKNC | 0.99 (0.99–1.00) | 0.99 (0.99–1.00) | 0.99 (0.98–1.01) | 1.04 (1.03–1.05) | 0.96 (0.96–0.97) | 1.06 (1.05–1.06) | 0.99 (0.98–1.00) | 1.00 (0.99–1.02) | 1.03 (1.00–1.05) | 1.00 |

Adjusted for GA, birth weight z score, sex, and multiple births.