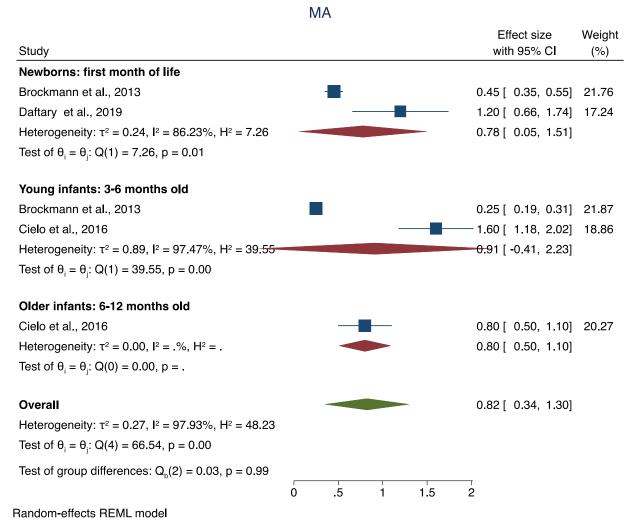
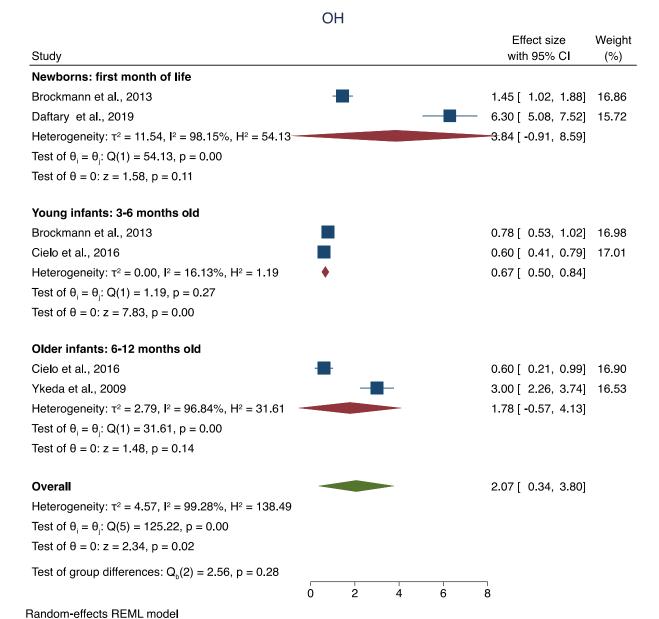
OAHI

| Study | | | Effect size with 95% CI | |
|--|-----|---|----------------------------|-------|
| Newborns: first month of life | | *************************************** | | (%) |
| Brockmann et al., 2013 | - | 2.55 [2.00, | 3.10] | 15.36 |
| Kanack et al., 2022 | | 7.65 [5.83, | 9.47] | 12.96 |
| Heterogeneity: τ^2 = 12.54, I^2 = 96.39%, H^2 = 27.72 | | 5.02 [0.03, | 10.02] | |
| Test of $\theta_i = \theta_j$: Q(1) = 27.72, p = 0.00 | | | | |
| Young infants: 3-6 months old | | | | |
| Brockmann et al., 2013 | | 1.60 [1.26, | 1.94] | 15.53 |
| Cielo et al., 2016 | - | 4.60 [3.30, | 5.90] | 14.15 |
| Duenas-Meza et al., 2022 [12-16 weeks] | - | 4.43 [3.45, | 5.42] | 14.75 |
| Duenas-Meza et al., 2022 [24-28 weeks] | | 1.33 [1.02, | 1.65] | 15.55 |
| Heterogeneity: $\tau^2 = 2.92$, $I^2 = 97.75\%$, $H^2 = 44.50$ | | 2.91 [1.19, | 4.64] | |
| Test of $\theta_i = \theta_j$: Q(3) = 54.23, p = 0.00 | | | | |
| Older infants: 6-12 months old | | | | |
| Cielo et al., 2016 | | 3.30 [0.99, | 5.61] | 11.71 |
| Heterogeneity: τ^2 = 0.00, I^2 = .%, H^2 = . | | 3.30 [0.99, | 5.61] | |
| Test of $\theta_i = \theta_j$: Q(0) = -0.00, p = . | | | | |
| Overall | | 3.53 [1.95, | 5.11] | |
| Heterogeneity: $\tau^2 = 4.15$, $I^2 = 97.75\%$, $H^2 = 44.50$ | | | | |
| Test of $\theta_i = \theta_j$: Q(6) = 102.63, p = 0.00 | | | | |
| Test of group differences: $Q_b(2) = 0.63$, $p = 0.73$ | | | | |
| | 0 5 | 10 | | |
| Random-effects REML model | | | | |

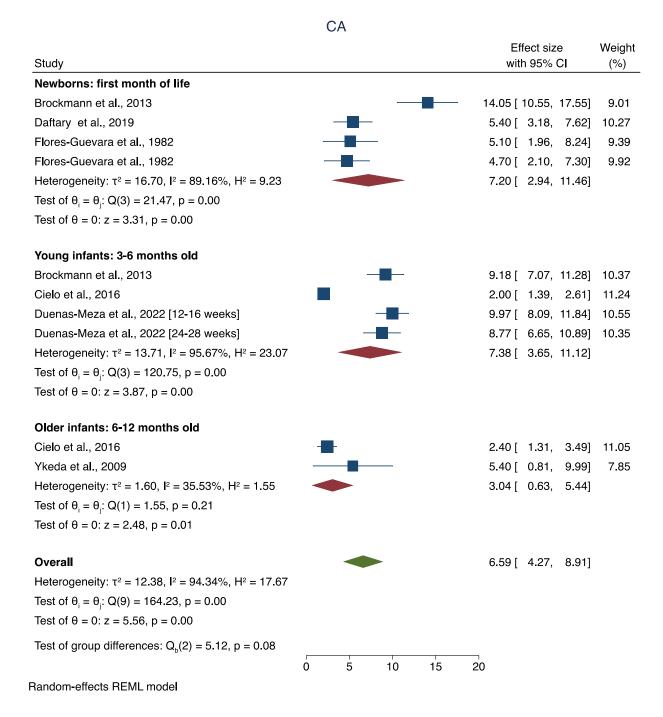
Supplemental Figure 1. Forest plot of overall and per group mean of obstructive apnea hypopnea index (OAHI).



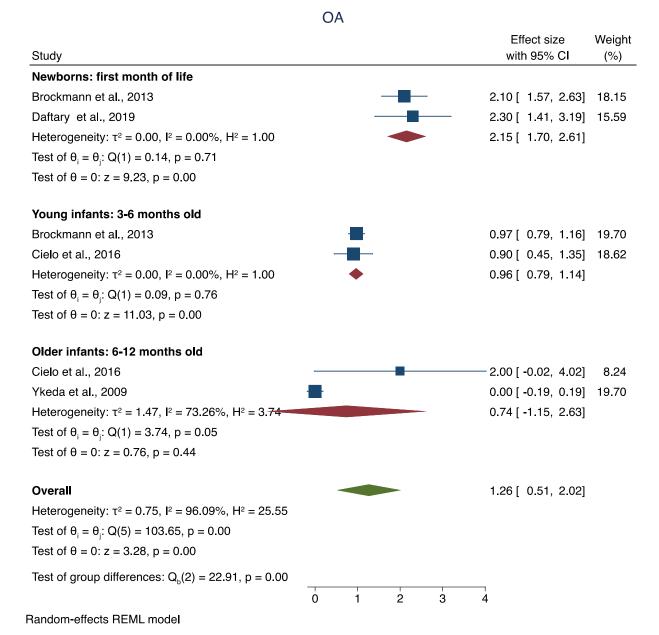
Supplemental Figure 2. Forest plot of overall and per group mean of mixed apnea (MA) index.



Supplemental Figure 3. Forest plot of overall and group mean of obstructive hypopnea (OH) index.

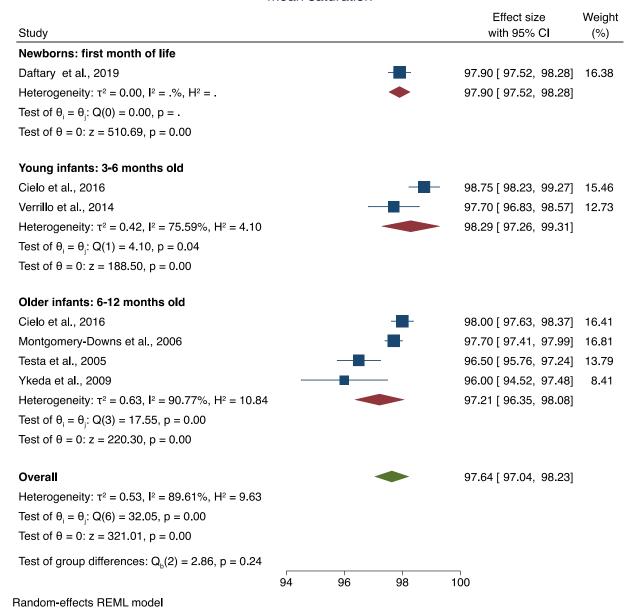


Supplemental Figure 4. Forest plot of overall and group mean of central apnea (CA) index.



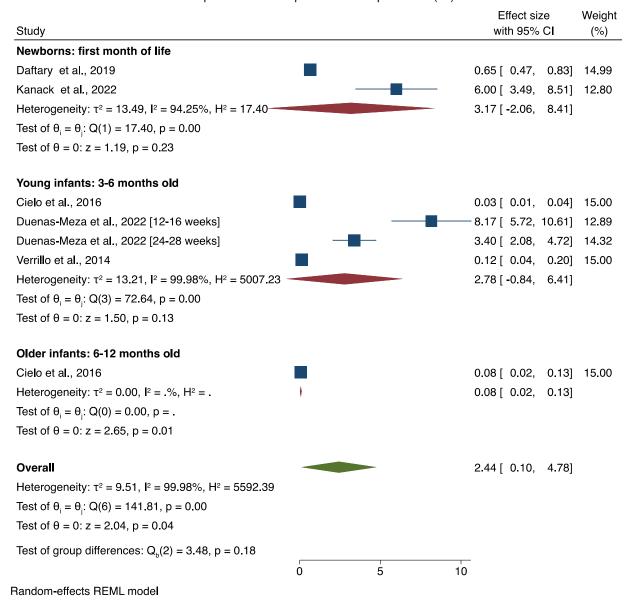
Supplemental Figure 5. Forest plot of overall and group mean of obstructive apnea (OA) index.

mean saturation



Supplemental Figure 6. Forest plot of overall and group mean of mean oxyhemoglobin saturation.

Proportion of sleep time with SpO2<90 (%)



Supplemental Figure 7. Forest plot of overall and group mean of proportion of total sleep time with oxyhemoglobin saturation (SpO₂) less than 90%.