| Study | Sample | Exposure | Exposure Time | Exposure Period | IQ Test | Age Tested | Age Period Tested | Model Type | Model n | Standardised Effect Size | Standardised\_CI (lower) | Standardised\_CI (upper) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Chiu et al. (2016) | Total | PM2.5 | Averaged across sensitive window | pre-natal | Wechsler version | 6.5 years | 4 to 7 years | Distributed lag model | 267 | -6.50 | -14.10 | 1.00 |
| Chiu et al. (2016) | Total | PM2.5 | Averaged over entire pregnancy | pre-natal | Wechsler version | 6.5 years | 4 to 7 years | Distributed lag model | 267 | -10.20 | -27.80 | 7.40 |
| Chiu et al. (2016) | Boys | PM2.5 | Averaged across sensitive window | pre-natal | Wechsler version | 6.5 years | 4 to 7 years | Distributed lag model | 148 | -10.00 | -19.70 | -0.10 |
| Chiu et al. (2016) | Boys | PM2.5 | Averaged over entire pregnancy | pre-natal | Wechsler version | 6.5 years | 4 to 7 years | Distributed lag model | 148 | -9.00 | -27.00 | 9.00 |
| Chiu et al. (2016) | Girls | PM2.5 | Averaged across sensitive window | pre-natal | Wechsler version | 6.5 years | 4 to 7 years | Distributed lag model | 119 | 1.40 | -8.70 | 12.90 |
| Chiu et al. (2016) | Girls | PM2.5 | Averaged over entire pregnancy | pre-natal | Wechsler version | 6.5 years | 4 to 7 years | Distributed lag model | 119 | 0.80 | -21.00 | 21.80 |
| Chiu et al. (2016) | Boys | PM2.5 | 1st trimester | pre-natal | Wechsler version | 6.5 years | 4 to 7 years | Linear regression model | 148 | -0.24 | -1.59 | 1.11 |
| Chiu et al. (2016) | Boys | PM2.5 | 2nd trimester | pre-natal | Wechsler version | 6.5 years | 4 to 7 years | Linear regression model | 148 | -0.05 | -1.54 | 1.44 |
| Chiu et al. (2016) | Boys | PM2.5 | 3rd trimester | pre-natal | Wechsler version | 6.5 years | 4 to 7 years | Linear regression model | 148 | -1.45 | -2.92 | 0.02 |
| Chiu et al. (2016) | Girls | PM2.5 | 1st trimester | pre-natal | Wechsler version | 6.5 years | 4 to 7 years | Linear regression model | 119 | 0.55 | -1.06 | 2.16 |
| Chiu et al. (2016) | Girls | PM2.5 | 2nd trimester | pre-natal | Wechsler version | 6.5 years | 4 to 7 years | Linear regression model | 119 | -1.11 | -2.72 | 0.50 |
| Chiu et al. (2016) | Girls | PM2.5 | 3rd trimester | pre-natal | Wechsler version | 6.5 years | 4 to 7 years | Linear regression model | 119 | 0.41 | -1.28 | 2.10 |
| Guilbert et al. (2023) | Total | PM2.5 | 4 weeks | pre-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | 0.03 | 0.00 | 0.06 |
| Guilbert et al. (2023) | Total | PM2.5 | 8 weeks | pre-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | 0.01 | -0.01 | 0.04 |
| Guilbert et al. (2023) | Total | PM2.5 | 12 weeks | pre-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | 0.00 | -0.03 | 0.03 |
| Guilbert et al. (2023) | Total | PM2.5 | 16 weeks | pre-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.01 | -0.03 | 0.01 |
| Guilbert et al. (2023) | Total | PM2.5 | 20 weeks | pre-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.01 | -0.03 | 0.01 |
| Guilbert et al. (2023) | Total | PM2.5 | 24 weeks | pre-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.01 | -0.04 | 0.02 |
| Guilbert et al. (2023) | Total | PM2.5 | 28 weeks | pre-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.01 | -0.03 | 0.01 |
| Guilbert et al. (2023) | Total | PM2.5 | 32 weeks | pre-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.02 | -0.05 | 0.01 |
| Guilbert et al. (2023) | Total | PM2.5 | 6 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | 0.05 | 0.00 | 0.09 |
| Guilbert et al. (2023) | Total | PM2.5 | 12 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | 0.03 | -0.01 | 0.06 |
| Guilbert et al. (2023) | Total | PM2.5 | 18 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | 0.01 | -0.03 | 0.04 |
| Guilbert et al. (2023) | Total | PM2.5 | 24 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.01 | -0.04 | 0.03 |
| Guilbert et al. (2023) | Total | PM2.5 | 30 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.02 | -0.04 | 0.01 |
| Guilbert et al. (2023) | Total | PM2.5 | 36 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.02 | -0.04 | 0.00 |
| Guilbert et al. (2023) | Total | PM2.5 | 42 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.02 | -0.04 | 0.00 |
| Guilbert et al. (2023) | Total | PM2.5 | 48 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.01 | -0.03 | 0.00 |
| Guilbert et al. (2023) | Total | PM2.5 | 54 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.01 | -0.03 | 0.02 |
| Harris et al. (2015) | Total | PM2.5 | 3rd trimester | pre-natal | KBIT|SB|MSCA|Mixed | 8 years | 8 years + | Linear regression model | 1,109 | -0.53 | -3.68 | 2.89 |
| Harris et al. (2015) | Total | PM2.5 | Birth‒age 6 | post-natal | KBIT|SB|MSCA|Mixed | 8 years | 8 years + | Linear regression model | 1,109 | 3.33 | -1.90 | 8.10 |
| Harris et al. (2015) | Total | PM2.5 | 7 years | post-natal | KBIT|SB|MSCA|Mixed | 8 years | 8 years + | Linear regression model | 1,109 | 4.40 | 0.00 | 8.80 |
| Holm et al. (2023) | Total | PM2.5 | Pregnancy | pre-natal | Wechsler version | 10.5 years | 8 years + | Linear regression model | 568 | -5.97 | -9.93 | -1.93 |
| Holm et al. (2023) | Girls | PM2.5 | Pregnancy | pre-natal | Wechsler version | 10.5 years | 8 years + | Linear regression model | 181 | -5.17 | -10.33 | -0.07 |
| Holm et al. (2023) | Boys | PM2.5 | Pregnancy | pre-natal | Wechsler version | 10.5 years | 8 years + | Linear regression model | 387 | -6.47 | -12.83 | -0.17 |
| Hsu et al. (2024) | Total | PM2.5 | Pregnancy | pre-natal | KBIT|SB|MSCA|Mixed | 4.7 years | 4 to 7 years | Bayesian distributed lag interaction model | 553 | -3.50 | -6.80 | -0.10 |
| Kusters et al.  (2022) | Total | PM2.5 | Pregnancy | pre-natal | Wechsler version | 13-16 years | 8 years + | Linear regression model | 4,683 | 1.54 | -4.48 | 7.56 |
| Kusters et al. (2022) | Total | PM2.5 | Childhood | post-natal | Wechsler version | 13-16 years | 8 years + | Linear regression model | 4,683 | 2.36 | -5.48 | 10.20 |
| Ni et al. (2022) | Total | PM2.5 | 1st trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model | 1,391 | 4.45 | 0.25 | 8.65 |
| Ni et al. (2022) | Total | PM2.5 | 2nd trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model | 1,391 | -2.40 | -6.35 | 1.55 |
| Ni et al. (2022) | Total | PM2.5 | 3rd trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model | 1,383 | -0.85 | -4.40 | 2.70 |
| Ni et al. (2022) | Total | PM2.5 | Pregnancy | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model | 1,391 | 0.90 | -6.25 | 8.10 |
| Ni et al. (2022) | Total | PM2.5 | 0–2 years | post-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model | 1,375 | -4.00 | -15.00 | 7.05 |
| Ni et al. (2022) | Total | PM2.5 | 2–4 years | post-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model | 1,284 | -10.90 | -25.00 | 3.20 |
| Ni et al. (2022) | Boys | PM2.5 | 1st trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | 3.50 | -1.50 | 8.50 |
| Ni et al. (2022) | Boys | PM2.5 | 2nd trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | -5.95 | -10.90 | -1.00 |
| Ni et al. (2022) | Boys | PM2.5 | 3rd trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | -1.35 | -5.30 | 2.65 |
| Ni et al. (2022) | Boys | PM2.5 | Pregnancy | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | -2.90 | -10.20 | 4.45 |
| Ni et al. (2022) | Boys | PM2.5 | 0–2 years | post-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | -8.70 | -19.10 | 1.70 |
| Ni et al. (2022) | Boys | PM2.5 | 2–4 years | post-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | -11.70 | -24.80 | 1.40 |
| Ni et al. (2022) | Girls | PM2.5 | 2nd trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | 4.55 | -0.35 | 9.45 |
| Ni et al. (2022) | Girls | PM2.5 | 2nd trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | -0.35 | -4.60 | 3.95 |
| Ni et al. (2022) | Girls | PM2.5 | 3rd trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | -1.95 | -6.00 | 2.15 |
| Ni et al. (2022) | Girls | PM2.5 | Pregnancy | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | 0.30 | -6.60 | 7.25 |
| Ni et al. (2022) | Girls | PM2.5 | 0–2 years | post-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | -6.00 | -16.45 | 4.50 |
| Ni et al. (2022) | Girls | PM2.5 | 2–4 years | post-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | -15.05 | -28.45 | -1.65 |
| Porta et al. (2016) | Total | PM2.5 | Pregnancy | pre-natal | Wechsler version | 7 years | 4 to 7 years | Linear regression model | 465 | -1.90 | -7.90 | 4.10 |
| Sun et al. (2023) | Total | PM2.5 | 1st trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Multiple informant model | 512 | 2.68 | -5.42 | 0.08 |
| Sun et al. (2023) | Total | PM2.5 | 2nd trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Multiple informant model | 512 | 0.36 | -1.00 | 1.74 |
| Sun et al. (2023) | Total | PM2.5 | 3rd trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Multiple informant model | 512 | 0.32 | -1.60 | 0.96 |
| Sun et al. (2023) | Boys | PM2.5 | 1st trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Multiple informant model | 298 | -5.12 | -8.90 | -1.34 |
| Sun et al. (2023) | Boys | PM2.5 | 2nd trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Multiple informant model | 298 | -0.16 | -2.00 | 1.70 |
| Sun et al. (2023) | Boys | PM2.5 | 3rd trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Multiple informant model | 298 | -0.28 | -2.02 | 1.46 |
| Sun et al. (2023) | Girls | PM2.5 | 1st trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Multiple informant model | 214 | 0.68 | -3.30 | 4.66 |
| Sun et al. (2023) | Girls | PM2.5 | 2nd trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Multiple informant model | 214 | 0.68 | -1.38 | 2.74 |
| Sun et al. (2023) | Girls | PM2.5 | 3rd trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 214 | -0.88 | -2.78 | 1.04 |
| Tokuda et al.  (2023) | Total | PM2.5 | Pregnancy | pre-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 195 | 4.71 | 2.14 | 10.36 |
| Tokuda et al.  (2023) | Total | PM2.5 | 1st trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 195 | 1.35 | 0.35 | 5.17 |
| Tokuda et al.  (2023) | Total | PM2.5 | 2nd trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 195 | 1.73 | 0.58 | 5.27 |
| Tokuda et al.  (2023) | Total | PM2.5 | 3rd trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 195 | 2.52 | 0.75 | 8.43 |
| Tokuda et al.  (2023) | Total | PM2.5 | 0–1 year | post-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 195 | 7.69 | 4.15 | 14.00 |
| Tokuda et al.  (2023) | Total | PM2.5 | 1–3 years | post-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 195 | 12.75 | 7.62 | 21.50 |
| Tokuda et al.  (2023) | Total | PM2.5 | 3–5 years | post-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 195 | 11.29 | 6.29 | 20.43 |
| Tokuda et al.  (2023) | Boys | PM2.5 | Pregnancy | pre-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 114 | 4.21 | 1.64 | 11.00 |
| Tokuda et al.  (2023) | Boys | PM2.5 | 1st trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 114 | 1.26 | 0.26 | 6.17 |
| Tokuda et al.  (2023) | Boys | PM2.5 | 2nd trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 114 | 1.85 | 0.55 | 6.21 |
| Tokuda et al.  (2023) | Boys | PM2.5 | 3rd trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 114 | 2.02 | 0.48 | 8.36 |
| Tokuda et al.  (2023) | Boys | PM2.5 | 0–1 year | post-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 114 | 8.08 | 4.15 | 15.77 |
| Tokuda et al.  (2023) | Boys | PM2.5 | 1–3 years | post-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 114 | 12.50 | 7.00 | 22.38 |
| Tokuda et al.  (2023) | Boys | PM2.5 | 3–5 years | post-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 114 | 10.57 | 5.43 | 20.57 |
| Tokuda et al.  (2023) | Girls | PM2.5 | Pregnancy | pre-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 81 | 5.50 | 1.29 | 22.71 |
| Tokuda et al.  (2023) | Girls | PM2.5 | 1st trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 81 | 0.89 | 0.04 | 15.80 |
| Tokuda et al.  (2023) | Girls | PM2.5 | 2nd trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 81 | 1.21 | 0.06 | 20.79 |
| Tokuda et al.  (2023) | Girls | PM2.5 | 3rd trimester | pre-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 81 | 6.16 | 0.55 | 69.75 |
| Tokuda et al.  (2023) | Girls | PM2.5 | 0–1 year | post-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 81 | 2.69 | 0.46 | 15.23 |
| Tokuda et al.  (2023) | Girls | PM2.5 | 1–3 years | post-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 81 | 13.12 | 3.25 | 53.37 |
| Tokuda et al.  (2023) | Girls | PM2.5 | 3–5 years | post-natal | Wechsler version | 6 years | 4 to 7 years | Logistic regression model | 81 | 13.57 | 2.86 | 64.86 |
| Wang et al. (2017) | Total | PM2.5 | Year before cognitive testing | post-natal | Wechsler version | 9-11 and 18-20 years | 8 years + | Mixed-effects regression model | 1,085 | -2.59 | -6.26 | 1.09 |
| Wang et al. (2017) | Total | PM2.5 | 2 years before cognitive testing | post-natal | Wechsler version | 9-11 and 18-20 years | 8 years + | Mixed-effects regression model | 1,085 | -3.65 | -8.07 | 0.79 |
| Wang et al. (2017) | Total | PM2.5 | 3 years before cognitive testing | post-natal | Wechsler version | 9-11 and 18-20 years | 8 years + | Mixed-effects regression model | 1,085 | -2.74 | -8.24 | 2.77 |
| Whitworth et al. (2024) | Total | PM2.5 | 6 months | post-natal | KBIT|SB|MSCA|Mixed | 4.5 years | 4 to 7 years | Distributed lag nonlinear model | 1,303 | -0.36 | -0.96 | 0.24 |
| Whitworth et al. (2024) | Total | PM2.5 | 12 months | post-natal | KBIT|SB|MSCA|Mixed | 4.5 years | 4 to 7 years | Distributed lag nonlinear model | 1,303 | -0.18 | -0.66 | 0.32 |
| Whitworth et al. (2024) | Total | PM2.5 | 18 months | post-natal | KBIT|SB|MSCA|Mixed | 4.5 years | 4 to 7 years | Distributed lag nonlinear model | 1,303 | -0.06 | -0.70 | 0.56 |
| Whitworth et al. (2024) | Total | PM2.5 | 24 months | post-natal | KBIT|SB|MSCA|Mixed | 4.5 years | 4 to 7 years | Distributed lag nonlinear model | 1,303 | -0.06 | -0.52 | 0.42 |
| Whitworth et al. (2024) | Total | PM2.5 | 30 months | post-natal | KBIT|SB|MSCA|Mixed | 4.5 years | 4 to 7 years | Distributed lag nonlinear model | 1,303 | -0.02 | -0.38 | 0.36 |
| Whitworth et al. (2024) | Total | PM2.5 | 36 months | post-natal | KBIT|SB|MSCA|Mixed | 4.5 years | 4 to 7 years | Distributed lag nonlinear model | 1,303 | 0.14 | -0.22 | 0.50 |
| Whitworth et al. (2024) | Total | PM2.5 | 42 months | post-natal | KBIT|SB|MSCA|Mixed | 4.5 years | 4 to 7 years | Distributed lag nonlinear model | 1,303 | 0.40 | 0.04 | 0.76 |
| Whitworth et al. (2024) | Total | PM2.5 | 48 months | post-natal | KBIT|SB|MSCA|Mixed | 4.5 years | 4 to 7 years | Distributed lag nonlinear model | 1,303 | 0.74 | 0.16 | 1.28 |
| Whitworth et al. (2024) | Total | PM2.5 | Age 3.5–4.1 years | post-natal | KBIT|SB|MSCA|Mixed | 4.5 years | 4 to 7 years | Distributed lag nonlinear model | 1,303 | 5.12 | 3.06 | 7.14 |
| Freire et al. (2010) | Total | NO2 | Childhood | post-natal | KBIT|SB|MSCA|Mixed | 4 years | 4 to 7 years | Linear regression model | 210 |  |  |  |
| Freire et al. (2010) | Total | NO2 | Childhood | post-natal | KBIT|SB|MSCA|Mixed | 4 years | 4 to 7 years | Linear regression model | 210 |  |  |  |
| Guilbert et al. (2023) | Total | NO2 | 4 weeks | pre-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | 0.01 | 0.00 | 0.02 |
| Guilbert et al. (2023) | Total | NO2 | 8 weeks | pre-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | 0.00 | -0.01 | 0.01 |
| Guilbert et al. (2023) | Total | NO2 | 12 weeks | pre-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.01 | -0.02 | 0.01 |
| Guilbert et al. (2023) | Total | NO2 | 16 weeks | pre-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.01 | -0.02 | 0.00 |
| Guilbert et al. (2023) | Total | NO2 | 20 weeks | pre-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.01 | -0.02 | 0.00 |
| Guilbert et al. (2023) | Total | NO2 | 24 weeks | pre-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | 0.00 | -0.02 | 0.01 |
| Guilbert et al. (2023) | Total | NO2 | 28 weeks | pre-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | 0.00 | -0.01 | 0.01 |
| Guilbert et al. (2023) | Total | NO2 | 32 weeks | pre-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | 0.00 | -0.02 | 0.00 |
| Guilbert et al. (2023) | Total | NO2 | 6 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | 0.02 | 0.00 | 0.04 |
| Guilbert et al. (2023) | Total | NO2 | 12 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | 0.01 | -0.01 | 0.03 |
| Guilbert et al. (2023) | Total | NO2 | 18 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | 0.00 | -0.03 | 0.02 |
| Guilbert et al. (2023) | Total | NO2 | 24 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.01 | -0.03 | 0.01 |
| Guilbert et al. (2023) | Total | NO2 | 30 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.01 | -0.03 | 0.01 |
| Guilbert et al. (2023) | Total | NO2 | 36 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | -0.01 | -0.03 | 0.01 |
| Guilbert et al. (2023) | Total | NO2 | 42 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | 0.00 | -0.03 | 0.02 |
| Guilbert et al. (2023) | Total | NO2 | 48 months | post-natal | Wechsler version | 5.7 years | 4 to 7 years | Distributed lag nonlinear model | 1,271 | 0.01 | -0.01 | 0.03 |
| Kusters et al. (2022) | Total | NO2 | Pregnancy | pre-natal | Wechsler version | 13-16 years | 8 years + | Linear regression model | 4,683 | 0.53 | -0.28 | 1.34 |
| Kusters et al. (2022) | Total | NO2 | Childhood | post-natal | Wechsler version | 13-16 years | 8 years + | Linear regression model | 4,683 | 0.13 | -0.59 | 0.85 |
| Ni et al. (2022) | Total | NO2 | 1st trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model | 1,391 | 0.95 | -0.08 | 1.98 |
| Ni et al. (2022) | Total | NO2 | 2nd trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model | 1,391 | 0.41 | -0.64 | 1.47 |
| Ni et al. (2022) | Total | NO2 | 3rd trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model | 1,383 | -0.69 | -1.72 | 0.33 |
| Ni et al. (2022) | Total | NO2 | Pregnancy | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model | 1,391 | 0.44 | -0.90 | 1.80 |
| Ni et al. (2022) | Total | NO2 | 0-2 years | post-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model | 1,375 | 0.64 | -0.90 | 2.19 |
| Ni et al. (2022) | Total | NO2 | 2–4 years | post-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model | 1,361 | 0.00 | -1.44 | 1.47 |
| Ni et al. (2022) | Boys | NO2 | 1st trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | 0.59 | -0.80 | 1.98 |
| Ni et al. (2022) | Boys | NO2 | 2nd trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | 0.33 | -1.03 | 1.70 |
| Ni et al. (2022) | Boys | NO2 | 3rd trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | -0.77 | -2.08 | 0.57 |
| Ni et al. (2022) | Boys | NO2 | Pregnancy | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | 0.18 | -1.59 | 1.93 |
| Ni et al. (2022) | Boys | NO2 | 0-2 years | post-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | 0.23 | -1.85 | 2.31 |
| Ni et al. (2022) | Boys | NO2 | 2–4 years | post-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | -0.08 | -2.03 | 1.88 |
| Ni et al. (2022) | Girls | NO2 | 1st trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | 0.85 | -0.39 | 2.08 |
| Ni et al. (2022) | Girls | NO2 | 2nd trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | 0.41 | -0.90 | 1.72 |
| Ni et al. (2022) | Girls | NO2 | 3rd trimester | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | -0.51 | -1.83 | 0.77 |
| Ni et al. (2022) | Girls | NO2 | Pregnancy | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | 0.49 | -1.08 | 2.06 |
| Ni et al. (2022) | Girls | NO2 | 0-2 years | post-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | 1.57 | -0.18 | 3.32 |
| Ni et al. (2022) | Girls | NO2 | 2–4 years | post-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | 0.39 | -1.29 | 2.06 |
| Porta et al. (2016) | Total | NO2 | Pregnancy | pre-natal | Wechsler version | 7 years | 4 to 7 years | Linear regression model | 465 | -1.10 | -2.30 | 0.10 |
| Loftus et al. (2019) | Total | NO2 | Pregnancy | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model | 924 | 1.17 | -0.99 | 3.33 |
| Loftus et al. (2019) | Boys | NO2 | Pregnancy | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | 1.85 | -1.50 | 5.14 |
| Loftus et al. (2019) | Girls | NO2 | Pregnancy | pre-natal | KBIT|SB|MSCA|Mixed | 4-6 years | 4 to 7 years | Linear regression model |  | 1.05 | -1.56 | 3.73 |