**Associations** **of prepregnancy body mass index and gestational weight gain with intelligence in offspring: A systematic review and meta-analysis**

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Additional file 3. ﻿ Pooled association between maternal obesity and intelligence in offspring in different subgroups.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| ﻿Subgroups | NO. of study | *P* for heterogeneity test | WMD and 95%CI | *P* for hypothesis test | I2 (%) | *P* for Egger's test | *P* for Begg's test |
| Pre-pregnancy overweight | 7 | 0.377 | FIQ: -3.246 (-4.07, -2.42) | <0.00001  | 6.2 | 0.796 | 1.000 |
| 2 | 0.197 | PIQ: -2.40 (-3.45, -1.34) | <0.00001 | 39.8 |  |  |
| 4 | 0.295 | VIQ: -3.17 (-4.38, -2.56) | <0.00001 | 19 |  |  |
| Pre-pregnancy obesity | 7 | 0.838 | FIQ: -4.845 (-5.93, -3.76) | <0.00001 | 0.0 | 0.501 | 0.707 |
| 2 | 0.275 | PIQ: -5.28 (-7.22, -3.34) | <0.00001 | 16.2 |  |  |
| 4 | 0.205 | VIQ:  | <0.00001 | 34.5 |  |  |
| Excessive gestational weight gain | 4 | 0.482 | -0.14 (-0.92,0.65) | 0.735 | 0.0 | 0.561 | 0.734 |