Table 1: Search Strategy and Number of Hits

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SN | Search (24-10-2019) | PubMed | Cochrane | Scopus |
|  | Hits | Hits | Hits |
| 1 | "breast milk\*" OR "breastmilk" OR "mature milk" OR "transition milk" OR "hind milk" OR "fore milk" OR colostrum\* OR "exclusive breast feeding" OR "breast feeding" OR "human milk" OR lactation OR lactating OR nourishing OR "lactation performance" - TITLE-ABS-KEY | 85361 | 10666 | 170123 |
| 2 | BMI\* OR "Body Mass Index" OR "maternal body composition\*" OR anthropometry\* OR "anthropometric measurement\*" OR "under nutrition" OR "over nutrition" OR underweight\* OR overweight\* OR obese OR "protein energy malnutrition" OR "chronic energy deficiency" OR "maternal nutrition status" OR "nutritional status" TITLE-ABS-KEY | 361507 | 1599894 | 540088 |
| 3 | concentration\* OR  content\*  OR  composition  OR  constituent\*  OR  macronutrient\* OR "amino acid\*" TITLE-ABS-KEY | 3053357 | 77358 | 8958979 |
| 4 | "maternal diet\*" OR  "maternal nutrition” OR “intake” OR “maternal intake”  OR  diet  OR  "food intake"  OR  "maternal food intake" TITLE-ABS-KEY | 505507 | 88942 | 1145943 |
| 5 | #1 AND #2 AND #3 | 1092 | 1753 | 2999 |
| 6 | #1 AND #3 AND #4 | 8897 | 2656 | 20490 |
| 7 | #5 OR #6 | 9419 | 3519 | 21461 |
| 8 | #7 (limit to humans) | 3171 | 2485 | 6076 |
| 9 | #8 (limit to English language) | 2934 | 1926 | 5544 |
| 10 | Vitamin a [MeSH Terms] OR vitamin b complex[MeSH Terms] OR vitamin c[MeSH Terms] OR vitamin d[MeSH Terms] OR minerals[MeSH Terms] OR zinc[MeSH Terms] OR micronutrients [MeSH Terms] | 113407 | 7338 | 573691 |
| 11 | #9 NOT #10 | 2542 | 1904 | 2882 |
| 12 | Number of reviews | 453 | 26 | 301 |
| 13 | Number after removing reviews from the list | 2089 | 1878 | 2581 |