

1 **Additional file 1. Final search strategy for PubMed**

P: GDM	I: Self care	O: Maternal/ neonatal health	S: LMICs
31.499 GDM OR Diabetes Gestational OR Pregnancy- Induced Diabetes OR Gestational Diabetes OR Gestational Diabetes Mellitus	9.783.336 self care OR physical health OR healthy diet OR physical exercise OR smoking OR mental health OR well-being OR depression OR anxiety OR social health OR social support	3.087.680 ("Maternal Health"[Mesh]) OR weight OR glycaemia OR blood pressure OR mental health OR ("Infant Health"[Mesh]) OR neo-natal health OR birthweight OR blood glucoses OR still birth OR premature birth OR postmature birth	741.719 *

2

3 *((Low-income population) OR Low-income populations) OR Low income) OR low income
4 population[MeSH Terms]) OR low income populations[MeSH Terms]) OR population, low
5 income[MeSH Terms]) OR populations, low income[MeSH Terms]) OR countries,
6 developing[MeSH Terms]) OR country, developing[MeSH Terms]) OR developing nation
7 OR (afghanistan[MeSH Terms] OR afghanistan [Text Word])) OR (benin[MeSH Terms] OR
8 benin[Text Word] OR Republic of benin [Text Word])) OR (burkina faso[MeSH Terms] OR
9 Burkina faso[Text Word])) OR (burundi[MeSH Terms] OR burundi[Text Word])) OR
10 (central african republic[MeSH Terms] OR central african republic[Text Word])) OR
11 (chad[MeSH Terms] OR chad[Text Word])) OR (congo[MeSH Terms] OR congo[Text
12 Word])) OR (eritrea[MeSH Terms] OR eritrea[Text Word])) OR (ethiopia[MeSH Terms] OR

13 ethiopia[Text Word])) OR (gambia[MeSH Terms] OR Gambia[Text Word])) OR
14 (guinea[MeSH Terms] OR Guinea[Text Word])) OR (Guinea-Bissau[Mesh Terms] OR
15 Guinea-Bissau[Text Word])) OR (haiti[MeSH Terms] OR haiti[Text Word])) OR
16 (Democratic People's Republic of Korea[Mesh] OR Democratic People's Republic of Korea
17 [Text Word] OR North Korea [Text Word])) OR (liberia[MeSH Terms] OR liberia[Text
18 Word])) OR (Madagascar[MeSH Terms] OR Madagascar[Text Word])) OR (malawi[MeSH
19 Terms] OR malawi[Text Word])) OR (Mali[MeSH Terms] OR Mali[Text Word])) OR
20 (Mozambique[MeSH Terms] OR Mozambique [Text Word])) OR (nepal[MeSH Terms] OR
21 nepal[Text Word])) OR (Niger[MeSH Terms] OR Niger[Text Word])) OR (rwanda[MeSH
22 Terms] OR republic of rwanda[Text Word] OR Rwanda[Text Word])) OR (sierra
23 leone[MeSH Terms] OR republic of sierra leone[Text Word] OR Sierra Leone [Text Word]))
24 OR (somalia[MeSH Terms] OR somalia[Text Word])) OR (South Sudan[MeSH Terms] OR
25 South Sudan[Text Word])) OR (syria[MeSH Terms] OR Syria[Text Word] OR Syrian Arab
26 Republic[Text Word])) OR (tajikistan[MeSH Terms] OR tajikistan[Text Word])) OR
27 (tanzania[MeSH Terms] OR tanzania[Text Word])) OR (togo[MeSH Terms] OR Togo[Text
28 Word])) OR (uganda[MeSH Terms] OR republic of uganda[Text Word] OR Uganda[Text
29 Word])) OR (yemen[MeSH Terms] OR Yemen[Text Word])) OR (angola[MeSH Terms] OR
30 angola[Text Word])) OR (bangladesh[MeSH Terms] OR bangladesh[Text Word])) OR
31 (bhutan[MeSH Terms] OR bhutan[Text Word])) OR (bolivia[MeSH Terms] OR bolivia[Text
32 Word])) OR (cabo verde[MeSH Terms] OR cape verde[Text Word])) OR (cambodia[MeSH
33 Terms] OR cambodia[Text Word])) OR (cameroon[MeSH Terms] OR cameroon[Text
34 Word])) OR (comoros[MeSH Terms] OR comoros[Text Word] OR Comoros Islands[Text
35 Word])) OR (cote d'ivoire[MeSH Terms] OR ivory coast[Text Word])) OR (djibouti[MeSH
36 Terms] OR djibouti[Text Word])) OR (egypt[MeSH Terms] OR arab republic of egypt[Text

37 Word])) OR (el salvador[MeSH Terms] OR el salvador[Text Word])) OR (eswatini[MeSH
38 Terms] OR eswatini[Text Word])) OR (ghana[MeSH Terms] OR ghana[Text Word])) OR
39 (honduras[MeSH Terms] OR honduras[Text Word])) OR (India[MeSH Terms] OR
40 India[Text Word])) OR (indonesia[MeSH Terms] OR indonesia[Text Word])) OR
41 (kenya[MeSH Terms] OR kenya[Text Word])) OR (micronesia[MeSH Terms] OR
42 kiribati[Text Word])) OR (kyrgyzstan[MeSH Terms] OR kyrgyz republic[Text Word])) OR
43 (laos[MeSH Terms] OR Laos[Text Word] OR Lao People's Democratic Republic[Text
44 Word])) OR (lesotho[MeSH Terms] OR kingdom of lesotho[Text Word])) OR
45 (micronesia[MeSH Terms] OR micronesia[Text Word])) OR (moldova[MeSH Terms] OR
46 moldova[Text Word])) OR (mongolia[MeSH Terms] OR mongolia[Text Word])) OR
47 (morocco[MeSH Terms] OR morocco[Text Word])) OR (myanmar[MeSH Terms] OR
48 myanmar[Text Word])) OR (nicaragua[MeSH Terms] OR nicaragua[Text Word])) OR
49 (nigeria[MeSH Terms] OR nigeria[Text Word])) OR (pakistan[MeSH Terms] OR
50 pakistan[Text Word])) OR papua new guinea[MeSH Terms] OR (philippines[MeSH Terms]
51 OR philippines[Text Word])) OR (sao tome and principe[MeSH Terms] OR sao tome and
52 principe[Text Word])) OR (senegal[MeSH Terms] OR senegal[Text Word])) OR
53 (melanesia[MeSH Terms] OR british solomon islands[Text Word])) OR Sudan[MeSH
54 Terms] OR (timor-leste[MeSH Terms] OR democratic republic of timor leste[Text Word]))
55 OR (tunisia[MeSH Terms] OR tunisia[Text Word])) OR (ukraine[MeSH Terms] OR
56 ukraine[Text Word])) OR (uzbekistan[MeSH Terms] OR uzbekistan[Text Word])) OR
57 (vanuatu[MeSH Terms] OR vanuatu[Text Word])) OR (vietnam[MeSH Terms] OR
58 vietnam[Text Word] OR Republic of Vietnam[Text Word] OR Viet Nam[Text Word])) OR
59 (middle east[MeSH Terms] OR west bank[Text Word])) OR (zambia[MeSH Terms] OR

60 republic of zambia[Text Word])) OR (zimbabwe[MeSH Terms] OR republic of
61 zimbabwe[Text Word])) AND Humans[Mesh]))

