

Supplementary file 2. Detailed search strategy

I.1. EconLit

Database name	EconLit
Database search engine	OvidSP
Dates of database coverage	1886 to September 12, 2019
Date search conducted	17 September 2019
Total number of hits	348

#	Searches	Results
1	asylum* OR displaced OR emigra* OR emigre* OR foreign born OR foreign labor OR foreign labour OR foreign work* OR foreign-born OR foreign-work* OR foreigner* OR immigra* OR migra* OR people of concern OR person of concern OR persons of concern OR refugee* OR smuggl* OR traffick* OR transient* OR transmigrant*	120,090
2	abnormalit* OR abortion* OR abscess* OR accident* OR ache* OR aids OR ailment* OR alcohol* OR allerg* OR anorexia OR AMR OR antibiotic resistan* OR antimicrobial resistan* OR anxiet* OR allerg* OR apnoea OR arthritis OR ascariasis OR assault* OR asthma OR attack* OR bacteri* OR bipolar OR bite* OR blastoma* OR bleed* OR blind OR blood OR burn* OR cancer* OR cardio* OR Chagas OR chlamydia OR cholesterol OR coma OR complication* OR condition* OR condom* OR contraception OR cyst* OR dead OR deaf OR death* OR decay OR deform* OR dehydrat* OR dementia OR dengue OR depress* OR diabetes OR diarrhoea OR disabilit* OR disease* OR disorder* OR dracunculiasis OR drug* OR dysfunction* OR eczema OR enlargement* OR epilep* OR exhaust* OR failure OR fatal* OR fatigue OR fever* OR filariasis OR flu OR gall stone* gallstone* OR gonorrhoea OR headache* OR health OR healthcare OR hearing loss OR helminth* OR hepatitis OR hernia* OR herpe* OR HIV OR hookworm* OR HPV OR hypertension OR illness* OR indigestion* OR infect* OR inflame* OR injur* OR leishmaniasis OR leprosy OR leukaemia OR leukemia OR lice OR life expectancy OR malaria OR malformat* malnutrition OR measles OR medical OR melanoma* OR mental* OR migraine OR miscarriage* OR morbidit* OR mortalit* OR muscl* OR myeloma OR nausea OR neuro* OR nutrition* OR onchocerciasis OR osteoarthritis OR osteoporosis OR pain* OR parasite* OR patient care OR physical activ* OR pneumonia OR poison* OR	373,019

	psoriasis OR psychiatric OR psychos* OR rabies OR rape* OR reproductiv* OR rheuma* OR ringworm* OR sarcoma* OR scabies OR schistosomiasis OR schizophren* OR seizure* OR sepsis* OR sexual* OR shock* OR sick* OR smoking OR sore* OR STD* OR stillbirth* OR stress* OR stroke* OR suicid* OR sunburn* OR syndrome* OR syphilis OR TB OR thrombosis OR tobacco OR STI* OR toothache* OR trachoma OR trauma* OR trichuriasis OR trichomoniasis OR trypanosomiasis OR tuberculosis OR tumor* OR tumour* OR ulcer* OR violence OR virus* OR vomit* OR wart* OR well-being OR wellbeing OR worm* OR wound*	
3	Malaysia OR Johor OR Kedah OR Kelantan OR Kuala Lumpur OR Labuan OR Malacca OR Melaka OR Malaya OR Negeri Sembilan OR Pahang OR Penang OR Perak OR Perlis OR Putrajaya OR Sabah OR Sarawak OR Selangor OR Terengganu	6,883
4	Malaysian	1,654
5	area* OR Borneo OR city OR cities OR district* OR island* OR isle* OR province* OR region* OR state* OR territor* OR village*	367,269
6	4 AND 5	361
7	3 OR 6	6,925
8	1 AND 2 AND 7	348
9	Animal migration OR bird migration OR cell* OR membrane* OR molecul*	2,622
10	8 NOT 9	348

I.2. Embase

Database name	Embase
Database search engine	OvidSP
Dates of database coverage	1947 to 2019 September 13
Date search conducted	17 September 2019
Total number of hits	549

#	Searches	Results
1	asylum* OR displaced OR emigra* OR emigre* OR foreign born OR foreign labor OR foreign labour OR foreign work* OR foreign-born OR foreign-work* OR foreigner* OR immigra* OR migra* OR people of concern OR person of concern OR persons of concern OR refugee* OR smuggl* OR traffick* OR transient* OR transmigrant*	1,124,805
2	asylum seeker [MeSH]	793
3	emigrant [MeSH]	293
4	foreign worker [MeSH]	5,306
5	human trafficking [MeSH]	697
6	migrant worker [MeSH]	1,548
7	migrant [MeSH]	35,567
8	migration [MeSH]	45,436
9	immigrant [MeSH]	16,376
10	refugee [MeSH]	12,425
11	refugee camp [MeSH]	553
12	undocumented immigrant [MeSH]	350
13	1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12	1,125,119
14	abnormalit* OR abortion* OR abscess* OR accident* OR ache* OR aids OR ailment* OR alcohol* OR allerg* OR anorexia OR AMR OR antibiotic resistan* OR antimicrobial resistan* OR anxiet* OR allerg* OR apnoea OR arthritis OR ascariasis OR assault* OR asthma OR attack* OR bacteri* OR bipolar OR bite* OR blastoma*	31,271,711

	OR bleed* OR blind OR blood OR burn* OR cancer* OR cardio* OR Chagas OR chlamydia OR cholesterol OR coma OR complication* OR condition* OR condom* OR contraception OR cyst* OR dead OR deaf OR death* OR decay OR deform* OR dehydrat* OR dementia OR dengue OR depress* OR diabetes OR diarrhoea OR disabilit* OR disease* OR disorder* OR dracunculiasis OR drug* OR dysfunction* OR eczema OR enlargement* OR epilep* OR exhaust* OR failure OR fatal* OR fatigue OR fever* OR filariasis OR flu OR gall stone* gallstone* OR gonorrhea OR headache* OR health OR healthcare OR hearing loss OR helminth* OR hepatitis OR hernia* OR herpe* OR HIV OR hookworm* OR HPV OR hypertension OR illness* OR indigestion* OR infect* OR inflame* OR injur* OR leishmaniasis OR leprosy OR leukaemia OR leukemia OR lice OR life expectancy OR malaria OR malformat* malnutrition OR measles OR medical OR melanoma* OR mental* OR migraine OR miscarriage* OR morbidit* OR mortalit* OR muscl* OR myeloma OR nausea OR neuro* OR nutrition* OR onchocerciasis OR osteoarthritis OR osteoporosis OR pain* OR parasite* OR patient care OR physical activ* OR pneumonia OR poison* OR psoriasis OR psychiatric OR psychos* OR rabies OR rape* OR reproductiv* OR rheuma* OR ringworm* OR sarcoma* OR scabies OR schistosomiasis OR schizophren* OR seizure* OR sepsis* OR sexual* OR shock* OR sick* OR smoking OR sore* OR STD* OR stillbirth* OR stress* OR stroke* OR suicid* OR sunburn* OR syndrome* OR syphilis OR TB OR thrombosis OR tobacco OR STI* OR toothache* OR trachoma OR trauma* OR trichuriasis OR trichomoniasis OR trypanosomiasis OR tuberculosis OR tumor* OR tumour* OR ulcer* OR violence OR virus* OR vomit* OR wart* OR well-being OR wellbeing OR worm* OR wound*	
15	accident [MeSH]	209,815
16	diseases [MeSH]	23,553,673
17	health [MeSH]	688,819
18	health behavior [MeSH]	396,908
19	health care [MeSH]	5,107,719
20	health care facility [MeSH]	1,641,961
21	health care policy [MeSH]	188,812
22	health service [MeSH]	5,405,209
23	infection [MeSH]	3,626,633
24	injury [MeSH]	2,303,491
25	malnutrition [MeSH]	178,039

26	morbidity [MeSH]	361,003
27	mortality [MeSH]	1,081,969
28	neoplasm [MeSH]	4,683,051
29	parasite [MeSH]	36,154
30	virus [MeSH]	907,130
31	14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21 OR 21 OR 22 OR 23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29 OR 30	32,849,152
32	Malaysia OR Johor OR Kedah OR Kelantan OR Kuala Lumpur OR Labuan OR Malacca OR Melaka OR Malaya OR Negeri Sembilan OR Pahang OR Penang OR Perak OR Perlis OR Putrajaya OR Sabah OR Sarawak OR Selangor OR Terengganu	28,901
33	Malaysian	1,611
34	area* OR Borneo OR city OR cities OR district* OR island* OR isle* OR province* OR region* OR state* OR territor* OR village*	7,357,992
35	33 AND 34	395
36	32 OR 35	29,057
37	13 AND 31 AND 36	651
38	Animal migration OR bird migration OR cell* OR membrane* OR molecu*	10,280,170
39	37 NOT 38	549

I.3. Global Health

Database name	Global Health
Database search engine	OvidSP
Dates of database coverage	1910 to 2019 Week 36
Date search conducted	17 September 2019
Total number of hits	382

#	Searches	Results
1	asylum* OR displaced OR emigra* OR emigre* OR foreign born OR foreign labor OR foreign labour OR foreign work* OR foreign-born OR foreign-work* OR foreigner* OR immigra* OR migra* OR people of concern OR person of concern OR persons of concern OR refugee* OR smuggl* OR traffick* OR transient* OR transmigrant*	89,712
2	immigrants [MeSH]	7,830
3	migrant labour [MeSH]	1,006
4	migrants [MeSH]	3,576
5	migration [MeSH]	3,819
6	refugees [MeSH]	3,687
7	1 OR 2 OR 3 OR 4 OR 5 OR 6	89,712
8	abnormalit* OR abortion* OR abscess* OR accident* OR ache* OR aids OR ailment* OR alcohol* OR allerg* OR anorexia OR AMR OR antibiotic resistan* OR antimicrobial resistan* OR anxiet* OR allerg* OR apnoea OR arthritis OR ascariasis OR assault* OR asthma OR attack* OR bacteri* OR bipolar OR bite* OR blastoma* OR bleed* OR blind OR blood OR burn* OR cancer* OR cardio* OR Chagas OR chlamydia OR cholesterol OR coma OR complication* OR condition* OR condom* OR contraception OR cyst* OR dead OR deaf OR death* OR decay OR deform* OR dehydrat* OR dementia OR dengue OR depress* OR diabetes OR diarrhoea OR disabilit* OR disease* OR disorder* OR dracunculiasis OR drug* OR dysfunction* OR eczema OR enlargement* OR epilep* OR exhaust* OR failure OR fatal* OR fatigue OR fever* OR filariasis OR flu OR gall stone* gallstone* OR gonorrhoea OR headache* OR health OR healthcare OR hearing loss OR helminth* OR hepatitis OR hernia* OR herpe* OR HIV OR hookworm* OR HPV OR hypertension OR illness* OR	3,675,317

	indigestion* OR infect* OR inflame* OR injur* OR leishmaniasis OR leprosy OR leukaemia OR leukemia OR lice OR life expectancy OR malaria OR malformat* OR malnutrition OR measles OR medical OR melanoma* OR mental* OR migraine OR miscarriage* OR morbidit* OR mortalit* OR muscl* OR myeloma OR nausea OR neuro* OR nutrition* OR onchocerciasis OR osteoarthritis OR osteoporosis OR pain* OR parasite* OR patient care OR physical activ* OR pneumonia OR poison* OR psoriasis OR psychiatric OR psychos* OR rabies OR rape* OR reproductiv* OR rheuma* OR ringworm* OR sarcoma* OR scabies OR schistosomiasis OR schizophren* OR seizure* OR sepsis* OR sexual* OR shock* OR sick* OR smoking OR sore* OR STD* OR stillbirth* OR stress* OR stroke* OR suicid* OR sunburn* OR syndrome* OR syphilis OR TB OR thrombosis OR tobacco OR STI* OR toothache* OR trachoma OR trauma* OR trichuriasis OR trichomoniasis OR trypanosomiasis OR tuberculosis OR tumor* OR tumour* OR ulcer* OR violence OR virus* OR vomit* OR wart* OR well-being OR wellbeing OR worm* OR wound*	
9	accidents [MeSH]	14,359
10	diseases [MeSH]	2,302,791
11	health [MeSH]	283,009
12	health behaviour [MeSH]	11,560
13	health care [MeSH]	91,876
14	health policy [MeSH]	20,150
15	health services [MeSH]	88,605
16	infection [MeSH]	100,189
17	injuries [MeSH]	3,171
18	malnutrition [MeSH]	28,215
19	morbidity [MeSH]	28,845
20	mortality [MeSH]	135,836
21	neoplasm [MeSH]	225,495
22	parasites [MeSH]	488,622
23	viruses [MeSH]	496,168
24	8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21 OR 22 OR 23	3,688,190

25	Malaysia OR Johor OR Kedah OR Kelantan OR Kuala Lumpur OR Labuan OR Malacca OR Melaka OR Malaya OR Negeri Sembilan OR Pahang OR Penang OR Perak OR Perlis OR Putrajaya OR Sabah OR Sarawak OR Selangor OR Terengganu	17,417
26	Malaysian	3,366
27	area* OR Borneo OR city OR cities OR district* OR island* OR isle* OR province* OR region* OR state* OR territor* OR village*	1,392,874
28	26 AND 27	1,138
29	25 OR 28	17,513
30	7 AND 24 AND 29	429
31	Animal migration OR bird migration OR cell* OR membrane* OR molecu*	833,650
32	30 NOT 31	382

I.4. Medline

Database name	Medline
Database search engine	OvidSP
Dates of database coverage	1946 to September Week 1 2019
Date search conducted	17 September 2019
Total number of hits	364

#	Searches	Results
1	asylum* OR displaced OR emigra* OR emigre* OR foreign born OR foreign labor OR foreign labour OR foreign work* OR foreign-born OR foreign-work* OR foreigner* OR immigra* OR migra* OR people of concern OR person of concern OR persons of concern OR refugee* OR smuggl* OR traffick* OR transient* OR transmigrant*	720,051
2	“Emigrants and Immigrants” [MeSH]	11,337
3	“Emigration and Immigration” [MeSH]	24,805
4	Human Trafficking [MeSH]	347
5	Refugees [MeSH]	9,508
6	“Transients and Migrants”	10,955
7	1 OR 2 OR 3 OR 4 OR 5 OR 6	720,051
8	abnormalit* OR abortion* OR abscess* OR accident* OR ache* OR aids OR ailment* OR alcohol* OR allerg* OR anorexia OR AMR OR antibiotic resistan* OR antimicrobial resistan* OR anxiet* OR allerg* OR apnoea OR arthritis OR ascariasis OR assault* OR asthma OR attack* OR bacteri* OR bipolar OR bite* OR blastoma* OR bleed* OR blind OR blood OR burn* OR cancer* OR cardio* OR Chagas OR chlamydia OR cholesterol OR coma OR complication* OR condition* OR condom* OR contraception OR cyst* OR dead OR deaf OR death* OR decay OR deform* OR dehydrat* OR dementia OR dengue OR depress* OR diabetes OR diarrhoea OR disabilit* OR disease* OR disorder* OR dracunculiasis OR drug* OR dysfunction* OR eczema OR enlargement* OR epilep* OR exhaust* OR failure OR fatal* OR fatigue OR fever* OR filariasis OR flu OR gall stone* gallstone* OR gonorrhoea OR headache* OR health OR healthcare OR hearing loss OR helminth* OR hepatitis OR hernia* OR herpe* OR HIV OR hookworm* OR HPV OR hypertension OR illness* OR	21,089,958

	indigestion* OR infect* OR inflame* OR injur* OR leishmaniasis OR leprosy OR leukaemia OR leukemia OR lice OR life expectancy OR malaria OR malformat* OR malnutrition OR measles OR medical OR melanoma* OR mental* OR migraine OR miscarriage* OR morbidit* OR mortalit* OR muscl* OR myeloma OR nausea OR neuro* OR nutrition* OR onchocerciasis OR osteoarthritis OR osteoporosis OR pain* OR parasite* OR patient care OR physical activ* OR pneumonia OR poison* OR psoriasis OR psychiatric OR psychos* OR rabies OR rape* OR reproductiv* OR rheuma* OR ringworm* OR sarcoma* OR scabies OR schistosomiasis OR schizophren* OR seizure* OR sepsis* OR sexual* OR shock* OR sick* OR smoking OR sore* OR STD* OR stillbirth* OR stress* OR stroke* OR suicid* OR sunburn* OR syndrome* OR syphilis OR TB OR thrombosis OR tobacco OR STI* OR toothache* OR trachoma OR trauma* OR trichuriasis OR trichomoniasis OR trypanosomiasis OR tuberculosis OR tumor* OR tumour* OR ulcer* OR violence OR virus* OR vomit* OR wart* OR well-being OR wellbeing OR worm* OR wound*	
9	Accidents [MeSH]	182,330
10	“Delivery of Health Care” [MeSH]	1,028,923
11	Disease [MeSH]	181,324
12	Health [MeSH]	344,725
13	Health Behavior [MeSH]	301,243
14	Health Facilities [MeSH]	756,386
15	Health Policy [MeSH]	102,614
16	Health Services [MeSH]	2,044,089
17	Infection [MeSH]	765,299
18	Malnutrition [MeSH]	118,335
19	Morbidity [MeSH]	524,764
20	Mortality [MeSH]	364,390
21	Neoplasms [MeSH]	3,212,183
22	Parasites [MeSH]	6,776
23	Viruses [MeSH]	754,871
24	“Wounds and Injuries” [MeSH]	873,897

25	8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21 OR 22 OR 23 OR 24	21,770,503
26	Malaysia OR Johor OR Kedah OR Kelantan OR Kuala Lumpur OR Labuan OR Malacca OR Melaka OR Malaya OR Negeri Sembilan OR Pahang OR Penang OR Perak OR Perlis OR Putrajaya OR Sabah OR Sarawak OR Selangor OR Terengganu	17,824
27	Malaysian	4,673
28	area* OR Borneo OR city OR cities OR district* OR island* OR isle* OR province* OR region* OR state* OR territor* OR village*	4,572,673
29	27 AND 28	1,297
30	26 OR 29	18,038
31	7 AND 25 AND 30	404
32	Animal migration OR bird migration OR cell* OR membrane* OR molecul*	6,952,122
33	31 NOT 32	364

I.5. PsychInfo

Database name	PsychInfo
Database search engine	OvidSP
Dates of database coverage	1806 to September Week 2 2019
Date search conducted	17 September 2019
Total number of hits	91

#	Searches	Results
1	asylum* OR displaced OR emigra* OR emigre* OR foreign born OR foreign labor OR foreign labour OR foreign work* OR foreign-born OR foreign-work* OR foreigner* OR immigra* OR migra* OR people of concern OR person of concern OR persons of concern OR refugee* OR smuggl* OR traffick* OR transient* OR transmigrant*	112,729
2	Asylum seeking [MeSH]	487
3	Foreign workers [MeSH]	530
4	Human migration [MeSH]	12,788
5	Human trafficking [MeSH]	844
6	Immigration [MeSH]	21,250
7	Refugees [MeSH]	5,580
8	1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7	113,572
9	abnormalit* OR abortion* OR abscess* OR accident* OR ache* OR aids OR ailment* OR alcohol* OR allerg* OR anorexia OR AMR OR antibiotic resistan* OR antimicrobial resistan* OR anxiet* OR allerg* OR apnoea OR arthritis OR ascariasis OR assault* OR asthma OR attack* OR bacteri* OR bipolar OR bite* OR blastoma* OR bleed* OR blind OR blood OR burn* OR cancer* OR cardio* OR Chagas OR chlamydia OR cholesterol OR coma OR complication* OR condition* OR condom* OR contraception OR cyst* OR dead OR deaf OR death* OR decay OR deform* OR dehydrat* OR dementia OR dengue OR depress* OR diabetes OR diarrhoea OR disabilit* OR disease* OR disorder* OR dracunculiasis OR drug* OR dysfunction* OR eczema OR enlargement* OR epilep* OR exhaust* OR failure OR fatal* OR fatigue OR fever* OR filariasis OR flu OR gall stone* gallstone* OR gonorrhea OR headache*	3,197,191

	OR health OR healthcare OR hearing loss OR helminth* OR hepatitis OR hernia* OR herpe* OR HIV OR hookworm* OR HPV OR hypertension OR illness* OR indigestion* OR infect* OR inflame* OR injur* OR leishmaniasis OR leprosy OR leukaemia OR leukemia OR lice OR life expectancy OR malaria OR malformat* OR malnutrition OR measles OR medical OR melanoma* OR mental* OR migraine OR miscarriage* OR morbidit* OR mortalit* OR muscl* OR myeloma OR nausea OR neuro* OR nutrition* OR onchocerciasis OR osteoarthritis OR osteoporosis OR pain* OR parasite* OR patient care OR physical activ* OR pneumonia OR poison* OR psoriasis OR psychiatric OR psychos* OR rabies OR rape* OR reproductiv* OR rheuma* OR ringworm* OR sarcoma* OR scabies OR schistosomiasis OR schizophren* OR seizure* OR sepsis* OR sexual* OR shock* OR sick* OR smoking OR sore* OR STD* OR stillbirth* OR stress* OR stroke* OR suicid* OR sunburn* OR syndrome* OR syphilis OR TB OR thrombosis OR tobacco OR STI* OR toothache* OR trachoma OR trauma* OR trichuriasis OR trichomoniasis OR trypanosomiasis OR tuberculosis OR tumor* OR tumour* OR ulcer* OR violence OR virus* OR vomit* OR wart* OR well-being OR wellbeing OR worm* OR wound*	
10	Accidents [MeSH]	13,047
11	Chronic illness [MeSH]	27,898
12	“Death and Dying” [MeSH]	37,732
13	Health [MeSH]	239,359
14	Health Behavior [MeSH]	29,441
15	Health Care Delivery [MeSH]	93,926
16	Health Care Policy [MeSH]	11,882
17	Health Care Services [MeSH]	199,129
18	Health Care Utilization [MeSH]	15,311
19	Infectious disorders [MeSH]	60,085
20	Injuries [MeSH]	25,738
21	Morbidity [MeSH]	7,010
22	Neoplasms [MeSH]	49,460
23	Nutritional deficiencies [MeSH]	3,952
24	Parasitic disorders [MeSH]	1,068
25	Viral disorders [MeSH]	50,123

26	9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21 OR 22 OR 23 OR 24 OR 25	3,211,923
27	Malaysia OR Johor OR Kedah OR Kelantan OR Kuala Lumpur OR Labuan OR Malacca OR Melaka OR Malaya OR Negeri Sembilan OR Pahang OR Penang OR Perak OR Perlis OR Putrajaya OR Sabah OR Sarawak OR Selangor OR Terengganu	3,636
28	Malaysian	1,676
29	area* OR Borneo OR city OR cities OR district* OR island* OR isle* OR province* OR region* OR state* OR territor* OR village*	1,025,257
30	28 AND 29	391
31	27 OR 30	3,727
32	8 AND 26 AND 31	91
33	Animal migration OR bird migration OR cell* OR membrane* OR molecul*	184,060
34	32 NOT 33	91

I.6. Social Policy and Practice

Database name	Social Policy and Practice
Database search engine	OvidSP
Dates of database coverage	N/A
Date search conducted	17 September 2019
Total number of hits	5

#	Searches	Results
1	asylum* OR displaced OR emigra* OR emigre* OR foreign born OR foreign labor OR foreign labour OR foreign work* OR foreign-born OR foreign-work* OR foreigner* OR immigra* OR migra* OR people of concern OR person of concern OR persons of concern OR refugee* OR smuggl* OR traffick* OR transient* OR transmigrant*	10,050
2	abnormalit* OR abortion* OR abscess* OR accident* OR ache* OR aids OR ailment* OR alcohol* OR allerg* OR anorexia OR AMR OR antibiotic resistan* OR antimicrobial resistan* OR anxiet* OR allerg* OR apnoea OR arthritis OR ascariasis OR assault* OR asthma OR attack* OR bacteri* OR bipolar OR bite* OR blastoma* OR bleed* OR blind OR blood OR burn* OR cancer* OR cardio* OR Chagas OR chlamydia OR cholesterol OR coma OR complication* OR condition* OR condom* OR contraception OR cyst* OR dead OR deaf OR death* OR decay OR deform* OR dehydrat* OR dementia OR dengue OR depress* OR diabetes OR diarrhoea OR disabilit* OR disease* OR disorder* OR dracunculiasis OR drug* OR dysfunction* OR eczema OR enlargement* OR epilep* OR exhaust* OR failure OR fatal* OR fatigue OR fever* OR filariasis OR flu OR gall stone* gallstone* OR gonorrhoea OR headache* OR health OR healthcare OR hearing loss OR helminth* OR hepatitis OR hernia* OR herpe* OR HIV OR hookworm* OR HPV OR hypertension OR illness* OR indigestion* OR infect* OR inflame* OR injur* OR leishmaniasis OR leprosy OR leukaemia OR leukemia OR lice OR life expectancy OR malaria OR malformat* malnutrition OR measles OR medical OR melanoma* OR mental* OR migraine OR miscarriage* OR morbidit* OR mortalit* OR muscl* OR myeloma OR nausea OR neuro* OR nutrition* OR onchocerciasis OR osteoarthritis OR osteoporosis OR pain* OR parasite* OR patient care OR physical activ* OR pneumonia OR poison* OR psoriasis OR psychiatric OR psychos* OR rabies OR rape* OR reproductiv* OR rheuma* OR ringworm* OR sarcoma* OR scabies OR schistosomiasis OR schizophren* OR seizure* OR sepsis* OR sexual* OR shock* OR sick* OR smoking	197,274

	OR sore* OR STD* OR stillbirth* OR stress* OR stroke* OR suicid* OR sunburn* OR syndrome* OR syphilis OR TB OR thrombosis OR tobacco OR STI* OR toothache* OR trachoma OR trauma* OR trichuriasis OR trichomoniasis OR trypanosomiasis OR tuberculosis OR tumor* OR tumour* OR ulcer* OR violence OR virus* OR vomit* OR wart* OR well-being OR wellbeing OR worm* OR wound*	
3	Malaysia OR Johor OR Kedah OR Kelantan OR Kuala Lumpur OR Labuan OR Malacca OR Melaka OR Malaya OR Negeri Sembilan OR Pahang OR Penang OR Perak OR Perlis OR Putrajaya OR Sabah OR Sarawak OR Selangor OR Terengganu	113
4	Malaysian	21
5	area* OR Borneo OR city OR cities OR district* OR island* OR isle* OR province* OR region* OR state* OR territor* OR village*	92,897
6	4 AND 5	5
7	3 OR 6	114
8	1 AND 2 AND 7	5
9	Animal migration OR bird migration OR cell* OR membrane* OR molecul*	447
10	8 NOT 9	5

I.7. Summary of the identified records

Database	Hits
Econlit	348
Embase	549
Global Health	382
Medline	364
PsycInfo	91
Social Policy & Practice	5
Total	1,739