**Additional file 1 PubMed database search strategy**

#1. (“Health Services Needs and Demand” [Mesh:NoExp])= 53,915

#2. (((communit\* OR populat\* OR public) AND ("care need\*" OR "treatment need\*” OR "healthcare need\*" OR "client need\*" OR "health need\*" OR "service need\*" OR "user need\*" OR "care priorit\*" OR "patient need\*" OR "health care demand\*" OR "health demand\*" OR “unmet need\*” OR “health priorit\*” OR “healthcare priorit\*”)) OR (community need\*” OR “population need\*” OR “public need\*” OR “public demand\*” OR “population demand\*” OR “community demand\*” OR “community health”))[Title/Abstract/Other Term]= 58,093

#3. (1 OR 2) = 106,833

#4. ("Needs Assessment"[Mesh]) = 31,186

#5. (assess\* OR addressing OR determin\* OR measur\* OR identif\* OR explor\* OR evaluat\*) [Title/Other Term] = 2,116,275

#6. (4 OR 5) = 2,141,590

#7. ("Community Networks"[Mesh] OR "Social Capital"[Mesh] OR "Socioeconomic Factors"[Mesh:NoExp] OR "Economic Status"[Mesh] OR "Economic Factors"[Mesh] OR "Social Factors"[Mesh] OR "Social Support"[Mesh:NoExp] OR "Residence Characteristics"[Mesh:NoExp])=261,929

#8. (capabilit\* OR capacit\* OR "social capital" OR asset\* OR resources OR resource OR characteristic\*) [Title/Abstract/Other Term] =2,527,021

#9. (7 OR 8) =2,729,687

#10. (3 AND 6 AND 9) =5,545

#11. (Limit: Pub year, 2000-2021) =4,653

#12. (Limit: Exclude; letter to editor, editorial, conference abstracts, comments, book chapters, book reviews) =4,599