

Appendix IV: Associations in Studies Included

Table S1. Summary of associations between unmet need and variables included†

Variable	Significant Associations‡	Not Significant Association
<i>Geographical</i>		
Rural residence	11, 36, 37	1, 9, 25, 26, 38, 39, 45
Province	5, 16, 26, 27, 36, 37, 46	39
<i>Socioeconomic and Demographic Factors</i>		
Age	1, 3, 4, 7–9, 11, 16, 18, 21, 22, 25, 27, 29, 32, 36–40, 43–46	2, 5, 6, 12, 15, 17, 28, 30, 33, 47
Sex/Gender	1, 3, 5, 6, 8, 11, 16, 18, 19, 22, 24, 25, 27, 29, 32, 36–38, 45	2, 4, 9, 12, 13, 15, 17, 21, 28, 30, 33, 39, 40, 43, 44, 46, 47
Race/Ethnicity	1, 2, 9, 13, 18, 45	15, 17, 27, 30, 36–38, 40, 43, 44
Marital Status	1, 3, 9, 11, 13, 16, 29, 32, 45	4–6, 12, 27, 36, 37, 39, 44, 47
Immigration status	11, 23, 25, 45	2, 4, 9, 13, 16, 27, 38, 43, 44, 47
Education	1–3, 5, 7, 8, 16, 18, 22, 25–27, 32, 33, 36–39, 45	4, 6, 9–11, 13, 21, 43, 44, 46, 47
Income	3–5, 8–10, 12, 13, 16, 18, 22, 25–27, 32, 36–38, 44, 45	1, 6, 11, 21, 29, 39, 43, 46, 47
Employment status	2, 5, 9, 11, 16, 22, 25, 36, 37	6, 10, 17, 30, 33, 46, 47
<i>Life Circumstances</i>		
Housing status	12, 28, 30	2, 6, 15, 17, 20
Incarceration	17	28, 30
Adverse childhood experiences	4	—
Discriminatory events	20, 40	—
Food insecurity	20, 33	—
Living arrangements	25	12, 21
Stress	6, 45	—
<i>Existing Health Conditions</i>		
Chronic conditions	2, 3, 8, 9, 17, 18, 21, 22, 27, 29, 30, 34, 36, 37, 41, 45, 46	33, 39, 47
Specific Health conditions	1–3, 5, 8, 9, 18, 23, 26, 28, 32, 34, 44, 46	39
Mental health diagnoses	4, 7, 9–11, 17, 19, 21, 23, 27–30, 34, 39–43, 46	2
Perceived health	1–3, 5–9, 16, 18, 21, 22, 25–27, 29, 36–38, 44–46	39
<i>Smoking, Alcohol, Substance Use</i>		
Smoking	1, 26, 44	—
Alcohol	1, 30	—
Substance use	15, 17, 42, 43	4, 28

Health Service Use

Have regular healthcare provider	1, 2, 8, 17, 22, 23, 25, 27, 30, 36–38, 46	10
Have regular place of care	3, 28	_____
Health consultations	9, 18	_____
Health insurance	36, 37	2, 10, 25, 26, 33

Other Factors

Language fluency	21, 22, 47	12, 33
Social support	3, 4, 6, 8, 25, 27, 29, 40	33, 38, 39, 45

[†] The numbers refer the order of the studies included in this review as listed in Appendix III (Additional file 3).

[‡] The direction of associations is dependent on the levels of the categorical variable and the reference category used in each study. See Additional file 5 for specific values of the estimates.