

## Appendix V: Predisposing, Enabling, and Need-based Factors

**Table S2. Associations between unmet need and predisposing variables**

| First Author/<br>Year | Age                                                                                                                                                                    | Gender/Sex                                                                                                                                                                                   | Race/Ethnicity                                                                                                                                                                                 | Language | Place of Residence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Marital Status                                                                                                                                                                                                                                                                                                                                                                                                        | Immigration Status                                                                                                                                                                                                                                                                                                                     |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Allan et al. 2021     | 2001: log OR = -0.040 p < 0.01<br>2003: log OR = -0.036 p < 0.01<br>2005: log OR = -0.028 p < 0.01<br>2010: log OR = -0.028 p < 0.01<br>2014: log OR = -0.024 p < 0.01 | <u>Female (vs Male)</u><br>2001: log OR = 0.030 p < 0.01<br>2003: log OR = 0.029 p < 0.01<br>2005: log OR = 0.033 p < 0.01<br>2010: log OR = 0.036 p < 0.01<br>2014: log OR = 0.023 p < 0.01 | <u>Other Minority (vs White)</u><br>2001: log OR = -0.029 p < 0.01<br>2014: log OR = (0.009)<br><u>Aboriginal (vs White)</u><br>2003: log OR = 0.021 p < 0.05<br>2014: log OR = 0.030 p < 0.05 | NA       | <u>Rural</u> (vs Urban): NS<br><u>Province</u> (vs ON)<br><u>NL</u><br>2003: log OR = 0.031 p < 0.01<br>2014: log OR = -0.030 p < 0.01<br><u>PE</u><br>2003: log OR = -0.021 p < 0.05<br><u>NS</u><br>2005: log OR = -0.016 p < 0.05<br><u>NB</u><br>2014: log OR = -0.022 p < 0.05<br><u>QC</u><br>2003: log OR = 0.019 p < 0.01<br>2010: log OR = 0.043 p < 0.01<br>2014: log OR = 0.030 p < 0.01<br><u>MB</u><br>2003: log OR = 0.025 p < 0.01<br><u>SK</u><br>2005: log OR = -0.022 p < 0.01<br>2014: log OR = -0.040 p < 0.01<br><u>AB</u><br>2005: log OR = -0.027 p < 0.01<br><u>BC</u><br>2003: log OR = 0.024 p < 0.01 | <u>Married/Common law</u> (vs Single)<br>2003: log OR = 0.012 p < 0.01<br>2005: log OR = 0.022 p < 0.01<br>2010: log OR = 0.011 p < 0.01<br><u>Widowed</u> (vs Single)<br>2005: log OR = 0.012 p < 0.05<br><u>Separated/Divorced</u> (vs Single)<br>2001: log OR = 0.032 p < 0.01<br>2003: log OR = 0.021 p < 0.01<br>2005: log OR = 0.030 p < 0.01<br>2010: log OR = 0.030 p < 0.01<br>2014: log OR = 0.030 p < 0.05 | <u>Immigrant 0-5 years</u> (vs Non-immigrant): NS<br><u>Immigrant 5-10 years</u> (vs Non-immigrant): NS<br><u>Immigrant 10-15 years</u> (vs Non-immigrant): NS<br><u>Immigrant 15-20 years</u> (vs Non-immigrant)<br>2003: log OR = -0.028 p < 0.05<br><u>Immigrant 20+ years</u> (vs Non-immigrant)<br>2001: log OR = -0.040 p < 0.01 |
| Argintaru et al. 2013 | 50+ (vs 18-29) OR = 0.63 (0.37, 1.05)                                                                                                                                  | NS                                                                                                                                                                                           | Other (vs White) OR = 0.28 (0.11, 0.69)                                                                                                                                                        | NA       | NS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NA                                                                                                                                                                                                                                                                                                                                                                                                                    | NS                                                                                                                                                                                                                                                                                                                                     |
| Awe et al. 2019       | 18-34 (vs 12-17) OR = 1.74 (1.17, 2.59)<br>35-49 (vs 12-17) OR = 1.54 (1.03, 2.30)<br>65+ (vs 12-17) OR = 0.58 (0.39, 0.86)                                            | Female (vs Male) OR = 1.30 (1.14, 1.50)                                                                                                                                                      | NA                                                                                                                                                                                             | NA       | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Widow/separated/divorced (vs Married) OR = 1.41 (1.17, 1.69)                                                                                                                                                                                                                                                                                                                                                          | NA                                                                                                                                                                                                                                                                                                                                     |
| Baiden et al. 2017    | 30-39 (vs 20-29) OR = 0.76 (0.60, 0.98)<br>50-59 (vs 20-29) OR = 0.70 (0.54, 0.91)<br>60+ (vs 20-29) OR = 0.44 (0.33, 0.59)                                            | NS                                                                                                                                                                                           | NA                                                                                                                                                                                             | NA       | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NS                                                                                                                                                                                                                                                                                                                                                                                                                    | NS                                                                                                                                                                                                                                                                                                                                     |

| First Author/<br>Year      | Age                                                                                                                                                                                                           | Gender/Sex                                                                                    | Race/Ethnicity                                                                                                             | Language | Place of Residence                                         | Marital Status                                                                                                                                                 | Immigration Status                                         |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Bataineh et al.<br>2019    | NS                                                                                                                                                                                                            | Female (vs Male) LPM =<br>0.026, p < 0.01                                                     | NA                                                                                                                         | NA       | QC (vs ON) LPM =<br>0.024, p < 0.01                        | NS                                                                                                                                                             | NS                                                         |
| Bryant et al. 2009         | NS                                                                                                                                                                                                            | Female (vs Male) OR = 1.61<br>(1.20, 2.16)                                                    | NA                                                                                                                         | NA       | NA                                                         | NS                                                                                                                                                             | NA                                                         |
| Cammaert 2022              | 25-39 (vs 18-24): NS<br>40-59 (vs 18-24): NS<br>60+ (vs 18-24) OR = 0.62<br>(0.41, 0.93)                                                                                                                      | NA                                                                                            | NA                                                                                                                         | NA       | NA                                                         | NA                                                                                                                                                             | NA                                                         |
| Chamberlain et<br>al. 2022 | 65+ (vs <65) OR = 0.66 (0.60,<br>0.72)                                                                                                                                                                        | Women (vs Men) OR = 1.16<br>(1.06, 1.26)<br>Gender-diverse (vs Men) OR =<br>3.10 (1.06, 9.09) | NA                                                                                                                         | NA       | NA                                                         | NA                                                                                                                                                             | NA                                                         |
| Chen & Hou<br>2002         | <u>Availability: NS</u><br><u>Accessibility</u><br>18-34 (vs 65+) OR = 4.01<br>(1.59, 10.08)<br>35-44 (vs 65+) OR = 4.53<br>(1.81, 11.34)<br><u>Acceptability</u><br>18-34 (vs 65+) OR = 3.26<br>(1.93, 5.50) | Availability: NS<br>Accessibility: NS<br>Acceptability: NS                                    | <u>Availability: NS</u><br><u>Accessibility: NS</u><br><u>Acceptability</u><br>Aboriginal status OR =<br>1.76 (1.00, 3.11) | NA       | Availability: NS<br>Accessibility: NS<br>Acceptability: NS | <u>Availability: NS</u><br><u>Accessibility: NS</u><br><u>Acceptability</u><br>Widowed/Divorced/Separated<br>(vs Married/Common law)<br>OR = 2.01 (1.48, 2.71) | Availability: NS<br>Accessibility: NS<br>Acceptability: NS |
| Dezetter et al.<br>2015    | NA                                                                                                                                                                                                            | NA                                                                                            | NA                                                                                                                         | NA       | NA                                                         | NA                                                                                                                                                             | NA                                                         |
| Drapeau et al.<br>2019     | 45-59 (vs 17-28) OR = 0.65<br>(0.58, 0.73)<br>60-74 (vs 17-28) OR = 0.18<br>(0.15, 0.21)<br>75+ (vs 17-28) OR = 0.13<br>(0.10, 0.17)                                                                          | Female (vs Male) OR = 1.36<br>(1.25, 1.47)                                                    | NA                                                                                                                         | NA       | Urban (vs Rural) OR =<br>1.13 (1.01, 1.27)                 | Common law/Legal spouse<br>(vs Single/ Divorced/<br>Separated/ Widowed) OR =<br>0.69 (0.63, 0.76)                                                              | Immigrant (vs Non-immigrant)<br>OR = 0.60 (0.54, 0.66)     |
| Durbin et al. 2014         | NS                                                                                                                                                                                                            | NS                                                                                            | NA                                                                                                                         | NA       | NA                                                         | NS                                                                                                                                                             | NA                                                         |
| Gibson & Clair<br>2019     | NA                                                                                                                                                                                                            | -0.015, p < 0.05                                                                              | Arabic = 0.058, p <<br>0.05<br>East Asian = -0.019, p<br>< 0.05<br>West Asian = -0.042, p<br>< 0.05                        | NA       | NA                                                         | Common Law = 0.016, p <<br>0.05<br>Widowed = -0.065, p < 0.05<br>Divorced = 0.031, p < 0.05                                                                    | NS                                                         |
| Hwang et al.<br>2017       | NA                                                                                                                                                                                                            | NA                                                                                            | NA                                                                                                                         | NA       | NA                                                         | NA                                                                                                                                                             | NA                                                         |
| Hyshka et al.<br>2017      | NS                                                                                                                                                                                                            | NS                                                                                            | NS                                                                                                                         | NA       | NA                                                         | NA                                                                                                                                                             | NA                                                         |

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|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Islam & Kellett<br>2022              | 25-44 (vs 12-24) OR = 1.41<br>(1.17, 1.71)<br>45-64: NS<br>65-79 (vs 12-24) OR = 0.72<br>(0.57, 0.91)<br>80+ (vs 12-24) OR = 0.69<br>(0.48, 0.98)                                  | Male (vs Female) OR = 0.79<br>(0.71, 0.88)                                                                                                             | NA                                                       | NA                                                                                                       | QC (vs AB) OR = 1.42<br>(1.15, 1.75)<br>SK (vs AB) OR = 0.74<br>(0.58, 0.95)<br>Territories (vs AB) OR =<br>1.46 (1.12, 1.89)<br>BC: NS<br>MB: NS<br>NB: NS<br>NL: NS<br>NSc: NS<br>ON: NS<br>PE: NS | Common-law (vs Married)<br>OR = 1.31 (1.10, 1.56)<br>Widowed/Divorced/Separated<br>(vs Married) OR = 1.21<br>(1.01, 1.43)<br>Single, never married (vs<br>Married) OR = 1.22 (1.06,<br>1.41) | Immigrant (vs Non-immigrant):<br>NS<br>Not stated (vs Non-immigrant)<br>OR = 0.76 (0.58, 0.98)                   |
| Jaworsky et al.<br>2016              | NS                                                                                                                                                                                 | NS                                                                                                                                                     | NS                                                       | NA                                                                                                       | NS                                                                                                                                                                                                   | NA                                                                                                                                                                                           | NA                                                                                                               |
| Kasman &<br>Badley 2004 <sup>†</sup> | 15-44 (vs 65+) OR = 3.51<br>(3.06, 4.03)<br>45-64 (vs 65+) OR = 2.02<br>(1.75, 2.31)                                                                                               | Female (vs Male) OR = 1.14<br>(1.06, 1.23)                                                                                                             | White (vs Visible<br>minority) OR = 1.32<br>(1.18, 1.49) | NA                                                                                                       | NA                                                                                                                                                                                                   | NA                                                                                                                                                                                           | NA                                                                                                               |
| Khattar et al.<br>2022               | NA                                                                                                                                                                                 | NA                                                                                                                                                     | NA                                                       | NA                                                                                                       | NA                                                                                                                                                                                                   | NA                                                                                                                                                                                           | NA                                                                                                               |
| Kitching et al.<br>2020              | <u>Discrimination by a healthcare<br/>provider</u><br>15-29: NS<br>30-39: NS<br>40-49: NS<br>50+ OR = 7.0 (1.3, 37.2)                                                              | <u>Discrimination by a healthcare<br/>provider</u><br>Female: NS<br>Male: OR = 5.9 (1.6, 21.2)                                                         | NA                                                       | NA                                                                                                       | NA                                                                                                                                                                                                   | NA                                                                                                                                                                                           | NA                                                                                                               |
| Law et al. 2005                      | 65+ (vs 18-24) OR = 0.210<br>(0.075, 0.592)                                                                                                                                        | NS                                                                                                                                                     | NA                                                       | Not English (vs<br>English) OR =<br>0.263 (0.092,<br>0.747)                                              | Downtown core (vs<br>Southwest Mountain):<br>2.194 (1.022, 4.708)                                                                                                                                    | NA                                                                                                                                                                                           | NA                                                                                                               |
| Levesque et al.<br>2012              | 18-44 (vs 65+) OR = 4.691<br>(3.424, 6.426)<br>45-64 (vs 65+) OR = 2.821<br>(2.085, 3.817)                                                                                         | Female (vs Male) OR = 1.156<br>(1.025, 1.303)                                                                                                          | NA                                                       | English (vs French)<br>OR = 0.698 (0.592,<br>0.823)<br>Other (vs French)<br>OR = 0.758 (0.619,<br>0.929) | NA                                                                                                                                                                                                   | NA                                                                                                                                                                                           | NA                                                                                                               |
| Lin & Fang 2022 <sup>†</sup>         | NA                                                                                                                                                                                 | NA                                                                                                                                                     |                                                          | NA                                                                                                       | NA                                                                                                                                                                                                   | NA                                                                                                                                                                                           | Foreign-born non-white (vs<br>Canadian-born white) OR =<br>1.66 (1.15, 2.40)<br>NA                               |
| MacLean et al.<br>2021               | NA                                                                                                                                                                                 | <u>LASS</u><br>Male: R = 9.9 (8.4, 11.6)<br>Female: R = 16.2 (11.7, 22.0)<br><u>CCHS</u><br>Male: R = 9.9 (9.1, 10.7)<br>Female: R = 13.4 (12.6, 14.2) | NA                                                       | NA                                                                                                       | NA                                                                                                                                                                                                   | NA                                                                                                                                                                                           |                                                                                                                  |
| Marshall 2011                        | 12-17 (vs 18-30) OR = 0.71<br>(0.59, 0.87)<br>31-50 (vs 18-30) OR = 0.79<br>(0.71, 0.85)<br>51-64 (vs 18-30) OR = 0.53<br>(0.40, 0.59)<br>65+ (vs 18-30) OR = 0.30<br>(0.26, 0.35) | Male (vs Female)<br>All ages OR = 0.72<br>18-30 OR = 0.63<br>31-50 OR = 0.71<br>51-64 OR = 0.73<br>65+: NS                                             | NA                                                       | NA                                                                                                       | NS                                                                                                                                                                                                   | NA                                                                                                                                                                                           | Immigrant (vs Non-immigrant)<br>All ages OR = 0.77<br>18-30: NS<br>31-50 OR = 0.74<br>51-64 OR = 0.71<br>65+: NS |

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|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| McDonald et al.<br>2010 | NR                                                                                                                                   | NR                                         | NA                         | NA                                                                                                                                          | Urban/Rural: NS<br><u>Province</u><br>NSc (vs ON) OR =<br>1.289, p = 0.049<br>QC (vs ON) OR = 1.425,<br>p = 0.002<br>MB (vs ON) OR =<br>1.335, p = 0.049<br>BC (vs ON) OR = 1.437,<br>p = 0.01 | NR                                                                              | NR                                                                                                                  |
| McLeod & Karim<br>2020  | 50-69 (vs 18-29) OR = 0.72<br>(0.60, 0.86)<br>70+ (vs 18-29) OR = 0.37<br>(0.30, 0.46)                                               | Male (vs Female) OR = 0.79<br>(0.71, 0.89) | NS                         | NA                                                                                                                                          | BC (vs AB) OR = 1.31<br>(1.03, 1.65)<br>QC (vs AB) OR = 1.53<br>(1.23, 1.90)<br>SK (vs AB) OR = 0.71<br>(0.55, 0.93)                                                                           | NS                                                                              | NS                                                                                                                  |
| Moallem et al.<br>2020  | NS                                                                                                                                   | NS                                         | NA                         | NA                                                                                                                                          | NA                                                                                                                                                                                             | NA                                                                              | NA                                                                                                                  |
| Nelson & Park<br>2006   | OR = 0.96 (0.95, 0.97)                                                                                                               | Female (vs Male) OR = 1.65<br>(1.26, 2.18) | NA                         | NA                                                                                                                                          | NA                                                                                                                                                                                             | Never married (vs Married)<br>OR = 0.63 (0.45, 0.90)                            | NA                                                                                                                  |
| Palepu et al. 2013      | Physical: NS<br>Mental: NS                                                                                                           | Physical: NS<br>Mental: NS                 | Physical: NS<br>Mental: NS | NA                                                                                                                                          | Physical: NS<br>Mental: NS                                                                                                                                                                     | NA                                                                              | NA                                                                                                                  |
| Pineault et al.<br>2017 | NR                                                                                                                                   | NR                                         | NA                         | NA                                                                                                                                          | NA                                                                                                                                                                                             | NA                                                                              | NA                                                                                                                  |
| Reid et al. 2012        | 12-24 (vs 25-44) OR = 0.86<br>(0.80, 0.91)<br>45-64 (vs 25-44) OR = 0.81<br>(0.78, 0.85)<br>65+ (vs 25-44) OR = 0.48<br>(0.45, 0.51) | Female (vs Male) OR = 1.24<br>(1.20, 1.28) | NA                         | NA                                                                                                                                          | NA                                                                                                                                                                                             | Widowed/separated/divorced<br>(vs Married/Common law)<br>OR = 1.16 (1.10, 1.22) | NA                                                                                                                  |
| Ridde et al. 2020       | NS                                                                                                                                   | NS                                         | NA                         | NS                                                                                                                                          | NA                                                                                                                                                                                             | NA                                                                              | <u>Migratory status</u><br>Legal (vs Not legal): NS<br><u>Duration of stay</u><br>≤ 2 years (vs >2 years): NS<br>NA |
| Ronksley et al.<br>2012 | NR                                                                                                                                   | NR                                         | NR                         | NA                                                                                                                                          | NR                                                                                                                                                                                             | NR                                                                              |                                                                                                                     |
| Shakeel et al.<br>2020  | Physical: NS<br>Emotional: NS                                                                                                        | Physical: NS<br>Emotional: NS              | NA                         | <u>Physical</u><br>French (vs<br>English) OR = 1.29<br>(1.02, 1.62)<br><u>Emotional</u><br>French (vs<br>English) OR = 1.31<br>(1.01, 1.71) | <u>Physical</u><br>>50k (vs 25k) OR = 0.76<br>(0.62, 0.93)<br><u>Emotional: NS</u>                                                                                                             | Physical: NS<br>Emotional: NS                                                   | Physical: NS<br>Emotional: NS                                                                                       |

| First Author/<br>Year    | Age                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Gender/Sex                                                                                                                                                                                                                                                                    | Race/Ethnicity                                                                                                                                                                                      | Language | Place of Residence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Marital Status                                                                                                                                                                          | Immigration Status |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Sibley & Glazier<br>2009 | <u>Overall</u><br>20-29 (vs 50-59) OR = 1.13<br>(1.01, 1.27)<br>30-39 (vs 50-59) OR = 1.79<br>(1.62, 1.99)<br>40-49 (vs 50-59) OR = 1.42<br>(1.29, 1.57)<br>60-69 (vs 50-59) OR = 0.67<br>(0.59, 0.67)<br>70-79 (vs 50-59) OR = 0.52<br>(0.45, 0.60)<br>80+ (vs 50-59) OR = 0.30<br>(0.25, 0.36)<br><u>Availability</u><br>30-39 (vs 50-59) OR = 1.53<br>(1.34, 1.75)<br>40-49 (vs 50-59) OR = 1.29<br>(1.12, 1.48)<br>60-69 (vs 50-59) OR = 0.75<br>(0.64, 0.88)<br>70-79 (vs 50-59) OR = 0.57<br>(0.47, 0.70)<br>80+ (vs 50-59) OR = 0.29<br>(0.23, 0.37)<br><u>Acceptability</u><br>30-39 (vs 50-59) OR = 1.48<br>(1.19, 1.84)<br>40-49 (vs 50-59) OR = 1.35<br>(1.01, 1.82)<br>60-69 (vs 50-59) OR = 0.61<br>(0.44, 0.83)<br>70-79 (vs 50-59) OR = 0.48<br>(0.30, 0.79)<br>80+ (vs 50-59) OR = 0.24<br>(0.15, 0.40)<br><u>Acceptability</u><br>20-29 (vs 50-59) OR = 1.59<br>(1.34, 1.89)<br>30-39 (vs 50-59) OR = 2.10<br>(1.80, 2.44)<br>40-49 (vs 50-59) OR = 1.63<br>(1.42, 1.88)<br>60-69 (vs 50-59) OR = 0.64<br>(0.53, 0.77)<br>70-79 (vs 50-59) OR = 0.59<br>(0.59, 0.74)<br>80+ (vs 50-59) OR = 0.44<br>(0.33, 0.57) | <u>Overall</u><br>Male (vs Female) OR = 0.72<br>(0.68, 0.78)<br><u>Availability</u><br>Male (vs Female) OR = 0.67<br>(0.61, 0.73)<br><u>Acceptability</u><br>Male (vs Female) OR = 0.73<br>(0.60, 0.89)<br><u>Acceptability</u><br>Male (vs Female) OR = 0.82<br>(0.74, 0.91) | <u>Overall</u> : NS<br><u>Availability</u> : NS<br><u>Acceptability</u><br>Not white (vs White) OR<br>= 1.22 (1.00, 1.50)<br><u>Acceptability</u><br>Not white (vs White) OR<br>= 0.83 (0.71, 0.97) | NA       | <u>Urban/Rural</u> (vs Urban<br>CA)<br><u>Overall</u><br>Urban CMA OR = 0.89<br>(0.82, 0.96)<br>Rural S-MIZ OR = 0.85<br>(0.73, 0.98)<br>Rural M-MIZ OR = 0.80<br>(0.72, 0.90)<br>Rural W/N-MIZ OR =<br>0.84 (0.75, 0.93)<br><u>Availability</u><br>Urban CMA OR = 0.80<br>(0.73, 0.89)<br>Rural S-MIZ (vs Urban<br>CA) OR = 0.82 (0.68,<br>0.99)<br>Rural M-MIZ (vs Urban<br>CA) OR = 0.75 (0.65,<br>0.87)<br><u>Acceptability</u><br>Rural S-MIZ (vs Urban<br>CA) OR = 0.56 (0.40,<br>0.80)<br>Rural W/N-MIZ (vs Urban<br>CA) OR = 0.80 (0.65,<br>0.99)<br><u>Acceptability</u> : NS<br><u>Province</u> (vs BC)<br><u>Overall</u><br>AB OR = 0.87 (0.77, 0.99)<br>SK OR = 0.75 (0.63, 0.89)<br>ON OR = 0.88 (0.80, 0.97)<br>PE OR = 0.60 (0.47, 0.78)<br><u>Availability</u><br>MB OR = 1.73 (1.38, 2.16)<br>ON OR = 1.31 (1.14, 1.51)<br>QC OR = 1.95 (1.69, 2.26)<br>NB OR = 1.65 (1.34, 2.03)<br>NS OR = 1.32 (1.08, 1.61)<br>NL 1.93 (1.53, 2.43)<br><u>Acceptability</u><br>AB OR = 0.75 (0.62, 0.90)<br>SK OR = 0.27 (0.19, 0.38)<br>MB OR = 0.26 (0.17, 0.40)<br>ON OR = 0.43 (0.34, 0.46)<br>QC OR = 0.34 (0.25, 0.46)<br>NB OR = 0.45 (0.31, 0.65)<br>NS OR = 0.55 (0.40, 0.75)<br>PE OR = 0.29 (0.14, 0.59)<br>NL OR = 0.35 (0.19, 0.64) | <u>Overall</u> : NS<br><u>Availability</u> : NS<br><u>Acceptability</u><br>Married or equivalent (vs<br>Single/divorced/widowed)<br>OR = 1.31 (1.07, 1.61)<br><u>Acceptability</u> : NS | NA                 |

| First Author/<br>Year                      | Age                                                                                                                                                                                                                                                                            | Gender/Sex                                    | Race/Ethnicity                                | Language | Place of Residence                                                                                                                                                                                                                                                                                                       | Marital Status                                                             | Immigration Status                                       |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------|
| Sibley & Glazier<br>2009<br>(...continued) |                                                                                                                                                                                                                                                                                |                                               |                                               |          | <u>Acceptability</u><br>ON OR = 0.83 (0.71, 0.96)<br>QC OR = 0.80 (0.68, 0.94)<br>NB OR = 0.67 (0.53, 0.85)<br>NS OR = 0.74 (0.57, 0.96)                                                                                                                                                                                 |                                                                            |                                                          |
| Sibley & Weiner<br>2011                    | 20-29 (vs 50-59) OR = 1.14<br>(1.06, 1.23)<br>30-39 (vs 50-59) OR = 1.79<br>(1.68, 1.92)<br>40-49 (vs 50-59) OR = 1.43<br>(1.34, 1.52)<br>60-69 (vs 50-59) OR = 0.68<br>(0.62, 0.74)<br>70-79 (vs 50-59) OR = 0.52<br>(0.47, 0.58)<br>80+ (vs 50-59) OR = 0.31<br>(0.26, 0.37) | Male (vs Female) OR = 0.72<br>(0.69, 0.76)    | NS                                            | NA       | <u>Urban/Rural</u><br>Rural Strong MIZ (vs<br>Urban CA) OR = 0.85<br>(0.75, 0.97)<br>Rural Moderate MIZ (vs<br>Urban CA) OR = 0.83<br>(0.74, 0.94)<br>Rural Weak or No MIZ<br>(vs Urban CA) OR =<br>0.85 (0.75, 0.96)<br><u>Province</u><br>SK (vs BC) OR = 0.72<br>(0.57, 0.91)<br>PE (vs BC) OR = 0.62<br>(0.40, 0.97) | NS                                                                         | NA                                                       |
| Socias et al. 2016                         | 18-29 (vs 65+) OR = 2.05<br>(1.49, 2.82)<br>30-49 (vs 65+) OR = 1.92<br>(1.44, 2.57)<br>50-64 (vs 65+) OR = 1.45<br>(1.11, 1.90)                                                                                                                                               | Female (vs Male) OR = 1.37<br>(1.11, 1.68)    | NS                                            | NA       | NS                                                                                                                                                                                                                                                                                                                       | NA                                                                         | NS                                                       |
| Starkes et al.<br>2005                     | 45-64 (vs 20-44) OR = 1.52<br>(1.06, 2.17)<br>65+ (vs 20-44) OR = 2.37<br>(1.11, 5.03)                                                                                                                                                                                         | NS                                            | NA                                            | NA       | Urban/Rural: NS<br>Province: NR                                                                                                                                                                                                                                                                                          | NR                                                                         | NA                                                       |
| Steele et al. 2017                         | NA                                                                                                                                                                                                                                                                             | NA                                            | NA                                            | NA       | NA                                                                                                                                                                                                                                                                                                                       | NA                                                                         | NA                                                       |
| Sunderland &<br>Findlay 2013               | OR = 0.97 (0.95, 0.99)                                                                                                                                                                                                                                                         | NS                                            | NS                                            | NA       | NA                                                                                                                                                                                                                                                                                                                       | NA                                                                         | NA                                                       |
| Urbanoski et al.<br>2007                   | NA                                                                                                                                                                                                                                                                             | NA                                            | NA                                            | NA       | NA                                                                                                                                                                                                                                                                                                                       | NA                                                                         | NA                                                       |
| Urbanoski et al.<br>2017                   | 15-24 (vs 65+) OR = 2.06<br>(1.39, 3.05)<br>25-34 (vs 65+) OR = 1.87<br>(1.26, 2.75)<br>35-44 (vs 65+) OR = 2.25<br>(1.54, 3.30)<br>45-54 (vs 65+) OR = 1.55<br>(1.03, 2.35)<br>55-64 (vs 65+) OR = 1.50<br>(1.04, 2.17)                                                       | NS                                            | NS                                            | NA       | NA                                                                                                                                                                                                                                                                                                                       | NA                                                                         | NS                                                       |
| Vyas et al. 2020                           | 40-49 (vs 60-69) RR = 1.39<br>(1.18, 1.64)                                                                                                                                                                                                                                     | NS                                            | NS                                            | NA       | NA                                                                                                                                                                                                                                                                                                                       | NS                                                                         | NS                                                       |
| Wu et al. 2005                             | OR = 0.984 (0.977, 0.990)                                                                                                                                                                                                                                                      | Female (vs Male) OR = 0.990<br>(0.990, 0.990) | Visible minority OR =<br>0.905 (0.864, 0.946) | NA       | NS                                                                                                                                                                                                                                                                                                                       | Separated/divorced (vs<br>Married/cohabiting) OR =<br>1.118 (1.062, 1.175) | Immigrant (vs Nonimmigrant)<br>OR = 0.879 (0.820, 0.938) |

| First Author/<br>Year  | Age                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Gender/Sex                                                                | Race/Ethnicity | Language | Place of Residence                                                                                                                                                                                                                                                                                                                                                             | Marital Status | Immigration Status |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------|
| Zygmunt et al.<br>2017 | <u>Overall</u><br>18-24 (vs 65+) OR = 3.64<br>(1.80, 7.40)<br>25-44 (vs 65+) OR = 3.89<br>(2.11, 7.15)<br>45-64 (vs 65+) OR = 2.00<br>(1.22, 3.28)<br><u>Availability</u><br>18-24 (vs 65+) OR = 5.48<br>(2.22, 13.53)<br>25-44 (vs 65+) OR = 4.49<br>(1.97, 10.25)<br>45-64 (vs 65+) OR = 2.11<br>(1.22, 3.66)<br><u>Acceptability</u><br>18-24 (vs 65+) OR = 4.18<br>(1.37, 12.80)<br>25-44 (vs 65+) OR = 3.56<br>(1.38, 9.24)<br><u>Accessibility</u><br>25-44 (vs 65+) OR = 4.33<br>(1.65, 11.38)<br>45-64 (vs 65+) OR = 2.18<br>(1.06, 4.46) | Overall: NS<br>Availability: NS<br>Acceptability: NS<br>Accessibility: NS | NA             | NA       | <u>Overall</u><br>QC (vs ON) OR = 1.53<br>(1.01, 2.30)<br>AB (vs ON) OR = 0.57<br>(0.36, 0.92)<br><u>Availability</u><br>AB (vs ON) OR = 0.55<br>(0.31, 0.98)<br><u>Acceptability</u><br>NSc (vs ON) OR =<br>0.41 (0.18, 0.93)<br>MB (vs ON) OR =<br>0.34 (0.13, 0.88)<br>BC (vs ON) OR = 0.39<br>(0.21, 0.75)<br><u>Accessibility</u><br>QC (vs ON) OR = 2.27<br>(1.26, 4.06) | NA             | NA                 |

Estimates are reported with 95% confidence interval, unless specified.

AB: Alberta; BC: British Columbia; CA: Census Agglomeration; CCHS: Canadian Community Health Survey; LPM: Linear probability model; MB: Manitoba; (S-, M-, W/N-) MIZ: (Strong-, Moderate-, Weak/No-) Metropolitan Influenced Zones; NA: Not Applicable; NB: New Brunswick; NL: Newfoundland and Labrador; NR: Not Reported; NS: Not Significant; NSc: Nova Scotia; ON: Ontario; OR: Odds ratio; PE: Prince Edward Island; QC: Quebec; R: Rate; RR = Risk ratio; SK: Saskatchewan. † 99% confidence interval

**Table S3. Associations between unmet need and enabling variables**

| First Author/<br>Year    | Education                                                                                                                                                                                                                                                                                                                                                                         | Income                                                                                                                                                                                  | Employment Status                                             | Have Primary Care<br>Provider/ Regular Source                                                                                                                                                                                                                                                         | Health Insurance | Social Relationships                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Allan et al. 2021        | Completed high school or equivalent<br>(vs Some post-secondary education or<br>higher) OR = 0.67 (0.46, 1.00)                                                                                                                                                                                                                                                                     | NA                                                                                                                                                                                      | Employed in past 12 months (vs<br>Not) OR = 1.40 (1.03, 1.91) | OR = 0.63 (0.46, 0.85)                                                                                                                                                                                                                                                                                | NS               | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Argintaru et al.<br>2013 | <u>Secondary (vs No secondary)</u><br>2001: log OR = 0.009 p < 0.05<br>2005: log OR = 0.020 p < 0.01<br>2010: log OR = 0.017 p < 0.05<br><u>Some post-secondary (vs Secondary)</u><br>2001: log OR = 0.040 p < 0.01<br>2003: log OR = 0.026 p < 0.01<br>2005: log OR = 0.029 p < 0.01<br>2010: log OR = 0.032 p < 0.01<br><u>Post-secondary (vs Some post-<br/>secondary): NS</u> | 10-15k: NS<br>15-20k: NS<br>20-30k: NS<br>30-40k: NS<br>40-50k:<br>2010: log OR = -0.034 p < 0.01<br>50-60k: NS<br>60-80k: NS<br>80k+<br>2010: log OR = 0.016 p < 0.05                  | NA                                                            | <u>Regular doctor</u><br>2001: log OR = -0.032 p < 0.01<br>2003: log OR = -0.037 p < 0.01<br>2005: log OR = -0.044 p < 0.01<br>2010: log OR = -0.053 p < 0.01<br>2014: log OR = -0.047 p < 0.01<br><u>Family physician density</u><br>2003: log OR = -0.006 p < 0.05<br><u>Specialist density: NS</u> | NA               | <u>Somewhat strong (vs very strong)</u><br>2001: log OR = -0.010 p < 0.05<br>2003: log OR = -0.016 p < 0.01<br>2005: log OR = -0.009 p < 0.05<br>2014: log OR = -0.022 p < 0.01<br><u>Somewhat weak (vs Somewhat<br/>strong)</u><br>2001: log OR = 0.020 p < 0.01<br>2003: log OR = 0.022 p < 0.01<br>2005: log OR = 0.020 p < 0.01<br>2014: log OR = 0.029 p < 0.01<br><u>Very weak (vs Somewhat weak)</u><br>2003: log OR = 0.021 p < 0.01<br>2005: log OR = 0.022 p < 0.01<br>2010: log OR = 0.030 p < 0.01<br>2014: log OR = 0.027 p < 0.05<br>Weak (vs Strong) OR = 1.41<br>(1.23, 1.61) |
| Awe et al. 2019          | Some post-secondary (vs Less than<br>secondary) OR = 1.48 (1.03, 2.15)<br>Post-secondary graduation (vs Less than<br>secondary) OR = 1.34 (1.09, 1.66)                                                                                                                                                                                                                            | 20-39k (vs ≤ 20k) OR = 0.81<br>(0.67, 0.98)<br>40-59k (vs ≤ 20k) OR = 0.75<br>(0.61, 0.92)<br>≥ 60 (vs ≤ 20k) OR = 0.74 (0.57,<br>0.95)<br>Missing (vs ≤ 20k) OR = 0.79<br>(0.65, 0.96) | NA                                                            | Partly attached/regular place (vs<br>Attached/regular doctor) OR =<br>1.96 (1.58, 2.44)<br>Unattached/neither (vs<br>Attached/regular doctor) OR =<br>1.81 (1.18, 2.78)                                                                                                                               | NA               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Baiden et al.<br>2017    | NS                                                                                                                                                                                                                                                                                                                                                                                | 20-29k (vs No income/< 20k) OR<br>= 0.67 (0.54, 0.82)<br>30-39k (vs No income/< 20k) OR<br>= 0.65 (0.50, 0.83)                                                                          | NA                                                            | NA                                                                                                                                                                                                                                                                                                    | NA               | OR = 0.90 (0.89, 0.92)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Bataineh et al.<br>2019  | Less than secondary (vs Postgraduate)<br>LPM = -0.028, p < 0.01<br>High school (vs Postgraduate) LPM =<br>-0.026, p < 0.01                                                                                                                                                                                                                                                        | 60-79k (vs < 20k) LPM = -0.013,<br>p < 0.05<br>80+ (vs < 20K) LPM = -0.013, p<br>< 0.05<br>Not stated (vs < 20K) LPM =<br>-0.013, p < 0.05                                              | Self-employed LPM = 0.010, p <<br>0.05                        | NA                                                                                                                                                                                                                                                                                                    | NA               | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Bryant et al.<br>2009    | NS                                                                                                                                                                                                                                                                                                                                                                                | NS                                                                                                                                                                                      | NS                                                            | NA                                                                                                                                                                                                                                                                                                    | NA               | <u>Social Support</u><br>No one to depend on for help:<br>NS<br>Does not feel part of any<br>group(s) that shares<br>interests/beliefs: NS<br><u>Community engagement</u><br>Membership in political<br>organization OR = 0.48 (0.33,<br>0.68)<br>Membership in organization<br>related to nationality OR = 0.54<br>(0.36, 0.79)                                                                                                                                                                                                                                                              |
| Cammaert 2022            | Below secondary (vs Secondary and<br>above) OR = 0.70 (0.55, 0.89)                                                                                                                                                                                                                                                                                                                | NA                                                                                                                                                                                      | NA                                                            | NA                                                                                                                                                                                                                                                                                                    | NA               | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| First Author/<br>Year             | Education                                                                                                                                                  | Income                                                                                                                                                                                                                                                                 | Employment Status                                                                                                                         | Have Primary Care<br>Provider/ Regular Source                                                                                               | Health Insurance                                      | Social Relationships |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------|
| Chamberlain et al. 2022           | University or higher (vs less than):<br>OR = 1.16 (1.06, 1.26)                                                                                             | 20-50k (vs <20k) OR = 0.81<br>(0.68, 0.97)<br>\$50k+ (vs <20k) OR = 0.64<br>(0.54, 0.77)                                                                                                                                                                               | NA                                                                                                                                        | NS                                                                                                                                          | NA                                                    | NS                   |
| Chen & Hou<br>2002                | Availability: NS<br>Accessibility: NS<br>Acceptability: NS                                                                                                 | <u>Availability</u> : NS<br><u>Accessibility</u> :<br>Lowest (vs Upper-middle/High)<br>OR = 9.71 (4.32, 21.79)<br>Lower-Middle (vs Upper-middle/High) OR = 3.88 (1.84, 8.16)<br>Missing (vs Upper-middle/High)<br>OR = 5.43 (1.70, 17.40)<br><u>Acceptability</u> : NS | <u>Availability</u> : NS<br><u>Accessibility</u> : NS<br><u>Acceptability</u> :<br>Currently working (vs Other)<br>OR = 1.47 (1.07, 2.02) | NA                                                                                                                                          | NA                                                    | NA                   |
| Dezetter et al.<br>2015           | NS                                                                                                                                                         | Poor or very poor (vs Sufficient income) OR = 1.66 (1.17, 2.36)                                                                                                                                                                                                        | NS                                                                                                                                        | NS                                                                                                                                          | No private health insurance<br>OR = 1.45 (1.03, 2.05) | NA                   |
| Drapeau et al.<br>2019            | NS                                                                                                                                                         | NS                                                                                                                                                                                                                                                                     | Salaried/self-employed (vs Non-worker) OR = 0.68 (0.61, 0.75)                                                                             | NA                                                                                                                                          | NA                                                    | NA                   |
| Durbin et al.<br>2014             | NA                                                                                                                                                         | Welfare assistance or no income (vs Public disability benefits) OR = 1.79 (1.04, 3.07)<br>Private source of income: NS<br>Other or unknown: NS                                                                                                                         | NA                                                                                                                                        | NA                                                                                                                                          | NA                                                    | NA                   |
| Gibson & Clair<br>2019            | NS                                                                                                                                                         | < 15k = 0.074, p < 0.05<br>15-20k = 0.034, p < 0.05<br>20-30k = 0.028, p < 0.05<br>≥ 80k = -0.018, p < 0.05                                                                                                                                                            | NA                                                                                                                                        | NA                                                                                                                                          | NA                                                    | NA                   |
| Hwang et al.<br>2017              | NA                                                                                                                                                         | NA                                                                                                                                                                                                                                                                     | NA                                                                                                                                        | NA                                                                                                                                          | NA                                                    | NA                   |
| Hyshka et al.<br>2017             | NA                                                                                                                                                         | NA                                                                                                                                                                                                                                                                     | NA                                                                                                                                        | NA                                                                                                                                          | NA                                                    | NA                   |
| Islam & Kellett<br>2022           | <Secondary (vs Post-secondary) OR = 0.66 (0.55–0.79)<br>Secondary (vs Post-secondary) OR = 0.82 (0.70–0.95)<br>Some post-secondary (vs Post-secondary): NS | <\$20k (vs ≥ 80k) OR = 1.77 (1.44, 2.18)<br>20-40k (vs ≥ 80k) OR = 1.49 (1.27, 1.74)<br>40-60k (vs ≥ 80k) OR = 1.22 (1.06, 1.42)<br>60-80k (vs ≥ 80k): NS                                                                                                              | Employed (vs Not employed): NS<br>Not applicable (vs Not employed) OR = 0.68 (0.54, 0.86)                                                 | NA                                                                                                                                          | NA                                                    | NA                   |
| Jaworsky et al.<br>2016           | NA                                                                                                                                                         | NA                                                                                                                                                                                                                                                                     | NS                                                                                                                                        | OR = 0.77 (0.62, 0.96)                                                                                                                      | NA                                                    | NA                   |
| Kasman & Badley 2004 <sup>†</sup> | Secondary (vs <Secondary) OR = 1.13 (1.01, 1.28)<br>Some/All post-secondary (vs <Secondary) OR = 1.42 (1.29, 1.56)                                         | Lowest (vs Highest) OR = 1.03 (1.12, 1.44)                                                                                                                                                                                                                             | NA                                                                                                                                        | NA                                                                                                                                          | NA                                                    | NA                   |
| Khattar et al.<br>2022            | NA                                                                                                                                                         | NA                                                                                                                                                                                                                                                                     | NA                                                                                                                                        | NA                                                                                                                                          | NA                                                    | NA                   |
| Kitching et al.<br>2020           | <u>Discrimination by a healthcare provider</u><br>Less than high school OR = 3.9 (1.1, 13.3)<br>High school or more OR = 3.4 (1.1, 10.6)                   | <u>Discrimination by a healthcare provider</u><br>Below low-income cutoff OR = 3.2 (1.2, 8.5)<br>Above low-income cutoff: NS                                                                                                                                           | <u>Discrimination by a healthcare provider</u><br>Employed: NS<br>Not in labour force: NS<br>Unemployed OR = 4.3 (1.4, 13.5)              | <u>Discrimination by a healthcare provider</u><br>Regular healthcare provider: NS<br>No regular healthcare provider<br>OR = 5.2 (1.2, 22.3) | NA                                                    | NA                   |

| First Author/<br>Year                      | Education                                                                                                                                                                                                                                                                                                                                                                                                    | Income                                                                                                                                                                                                                                                                                                   | Employment Status                                                                                                                                                      | Have Primary Care<br>Provider/ Regular Source                                                                                                                                                                                                              | Health Insurance                                                                                   | Social Relationships                                                                                                                                                                                                           |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Law et al. 2005<br>Levesque et al.<br>2012 | NS<br>Primary or less (vs University) OR = 0.541 (0.434, 0.673)<br>Secondary/Professional Schooling (vs University) OR = 0.608 (0.523, 0.707)<br>College (vs University) OR = 0.812 (0.697, 0.945)                                                                                                                                                                                                           | NS<br><u>Perceived poverty</u><br>Average (vs Wealthy) OR = 0.718 (0.591, 0.873)<br>Poor (vs Wealthy) OR = 0.778 (0.658, 0.921)<br>Very poor: NS                                                                                                                                                         | NA<br>Student: NS<br>Unemployed/social welfare (vs Employed) OR = 0.604 (0.446, 0.818)<br>Retired/Volunteer (vs Employed) OR = 0.612 (0.491, 0.763)                    | NA<br>OR = 0.553 (0.485, 0.631)<br><u>Usual source of care:</u><br>Solo provider: NS<br>Private group practice: NS<br>Family medicine group: NS<br>Local community health centre/ Teaching unit: NS<br>Emergency department: NS<br>Lack provider OR = 2.14 | NA<br>NA                                                                                           | NS<br>NA                                                                                                                                                                                                                       |
| Lin & Fang<br>2022 <sup>†</sup>            | NA                                                                                                                                                                                                                                                                                                                                                                                                           | NA                                                                                                                                                                                                                                                                                                       | NA                                                                                                                                                                     | NA                                                                                                                                                                                                                                                         | NA                                                                                                 | NA                                                                                                                                                                                                                             |
| MacLean et al.<br>2021                     | NA                                                                                                                                                                                                                                                                                                                                                                                                           | NA                                                                                                                                                                                                                                                                                                       | NA                                                                                                                                                                     | NA                                                                                                                                                                                                                                                         | NA                                                                                                 | NA                                                                                                                                                                                                                             |
| Marshall 2011                              | <u>All ages</u> (vs Other post-secondary) Less than secondary OR = 0.57, p < 0.001<br>Secondary school graduation OR = 0.70, p < 0.001<br><u>18-30</u> : NS<br><u>31-50</u><br>Less than secondary OR = 0.66, p < 0.001<br>Secondary school graduation OR = 0.70, p < 0.001<br><u>51-64</u><br>Less than secondary OR = 0.61, p < 0.01<br>Secondary school graduation OR = 0.59, p < 0.01<br><u>65+</u> : NS | <u>Income adequacy</u><br><u>All ages</u><br>Lower middle (vs Lowest) OR = 0.77<br>Middle (vs Lowest) OR = 0.79<br><u>18-30</u> : NS<br><u>31-50</u><br>Lower middle (vs Lowest) OR = 0.66<br>Middle (vs Lowest) OR = 0.69<br>Upper middle (vs Lowest) OR = 0.74<br><u>51-64</u> : NS<br><u>65+</u> : NS | <u>Worked in the past 12 months</u><br><u>All ages</u> OR = 0.93<br><u>18-30</u> OR = 1.33<br><u>31-50</u> OR = 1.11<br><u>51-64</u> OR = 1.15<br><u>65+</u> OR = 0.92 | <u>All ages</u> OR = 0.57<br><u>18-30</u> OR = 0.69<br><u>31-50</u> OR = 0.68<br><u>51-64</u> OR = 0.51<br><u>65+</u> OR = 0.44                                                                                                                            | Drug insurance: NS                                                                                 | <u>Sense of belonging to a local community</u><br>Somewhat/ very strong (vs Somewhat/ very weak)<br><u>All ages</u> OR = 0.97<br><u>18-30</u> OR = 0.87<br><u>31-50</u> OR = 0.86<br><u>51-64</u> OR = 0.89<br><u>65+</u> : NS |
| McDonald et al.<br>2010                    | University (vs Less than high school) OR = 1.497, p < 0.001                                                                                                                                                                                                                                                                                                                                                  | Middle quintile (vs Highest quintile) OR = 0.825, p = 0.05                                                                                                                                                                                                                                               | NA                                                                                                                                                                     | NA                                                                                                                                                                                                                                                         | Eye care (vs No private insurance) OR = 1.194, p = 0.041<br>Not Included - collinear with Province | NA                                                                                                                                                                                                                             |
| McLeod &<br>Karim 2020                     | Post-secondary (some/grad) (vs Less than secondary) OR = 1.44 (1.17, 1.78)                                                                                                                                                                                                                                                                                                                                   | > 80k (vs No income/< 20k) OR = 0.79 (0.63, 0.99)                                                                                                                                                                                                                                                        | NA                                                                                                                                                                     | OR = 0.5 (0.42, 0.58)                                                                                                                                                                                                                                      | NA                                                                                                 | Weak (vs Strong) OR = 1.34 (1.19, 1.51)                                                                                                                                                                                        |
| Moallef et al.<br>2020                     | NA                                                                                                                                                                                                                                                                                                                                                                                                           | NA                                                                                                                                                                                                                                                                                                       | NA                                                                                                                                                                     | Receiving healthcare in one place OR = 0.42 (0.25, 0.68)<br><u>Attachment to primary care</u><br>Integrated care clinic OR = 0.14 (0.06, 0.34)<br>Community health center OR = 0.23 (0.10, 0.52)<br>Other OR = 0.21 (0.09, 0.48)                           | NA                                                                                                 | NA                                                                                                                                                                                                                             |
| Nelson & Park<br>2006                      | NA                                                                                                                                                                                                                                                                                                                                                                                                           | NS                                                                                                                                                                                                                                                                                                       | NA                                                                                                                                                                     | NA                                                                                                                                                                                                                                                         | NA                                                                                                 | Community belonging: NS<br>Tangible support: NS<br>Affection OR = 0.90 (0.83, 0.97)<br>Positive social interaction OR = 1.11 (1.03, 1.20)<br>Emotional and informational support OR = 0.93 (0.89, 0.96)<br>NA                  |
| Palepu et al.<br>2013                      | NA                                                                                                                                                                                                                                                                                                                                                                                                           | NA                                                                                                                                                                                                                                                                                                       | Physical: NS<br>Mental: NS                                                                                                                                             | Physical OR = 0.56 (0.43, 0.75)<br>Mental: NS                                                                                                                                                                                                              | NA                                                                                                 | NA                                                                                                                                                                                                                             |

| First Author/<br>Year        | Education                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Income                                                                                                                                                                                                                                  | Employment Status                                                                                                                                                                                                                                                                                                                                                                    | Have Primary Care<br>Provider/ Regular Source                                                                                                                                     | Health Insurance                                                                                                                                                          | Social Relationships                                            |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Pineault et al.<br>2017      | NR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NR                                                                                                                                                                                                                                      | NA                                                                                                                                                                                                                                                                                                                                                                                   | NA                                                                                                                                                                                | NA                                                                                                                                                                        | NA                                                              |
| Reid et al. 2012             | High school graduate (vs Less than high school) OR = 1.18 (1.11, 1.25)<br>Some postsecondary (vs Less than high school) OR = 1.66 (1.56, 1.78)<br>Completed postsecondary (vs Less than high school) OR = 1.47 (1.40, 1.55)                                                                                                                                                                                                                                                                                                                 | Low middle (vs Lowest) OR = 0.80 (0.76, 0.84)<br>Middle (vs Lowest) OR = 0.71 (0.67, 0.75)<br>Upper middle (vs Lowest) OR = 0.63 (0.60, 0.67)<br>Highest (vs Lowest) OR = 0.65 (0.61, 0.69)                                             | NA                                                                                                                                                                                                                                                                                                                                                                                   | NA                                                                                                                                                                                | NA                                                                                                                                                                        | NA                                                              |
| Ridde et al. 2020            | Secondary/post-secondary (vs University) OR = 0.64 (0.43, 0.97)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NA                                                                                                                                                                                                                                      | NS                                                                                                                                                                                                                                                                                                                                                                                   | NA                                                                                                                                                                                | NS                                                                                                                                                                        | Share preoccupations: NS<br>Financial support: NS               |
| Ronksley et al.<br>2012      | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NA                                                                                                                                                                                                                                      | NA                                                                                                                                                                                                                                                                                                                                                                                   | NA                                                                                                                                                                                | NA                                                                                                                                                                        | NA                                                              |
| Shakeel et al.<br>2020       | Physical: NS<br>Emotional: NS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Physical: NS<br>Emotional: NS                                                                                                                                                                                                           | Physical: NS<br>Emotional: NS                                                                                                                                                                                                                                                                                                                                                        | NA                                                                                                                                                                                | NA                                                                                                                                                                        | NA                                                              |
| Sibley & Glazier<br>2009     | <u>Overall</u> (vs Secondary grad)<br>Other post-secondary OR = 1.39 (1.22, 1.58)<br>Post-secondary grad OR = 1.29 (1.18, 1.42)<br><u>Availability</u><br>Less than secondary OR = 0.85 (0.74, 0.99)<br>Other post-secondary OR = 1.33 (1.13, 1.56)<br>Post-secondary grad OR = 1.40 (1.26, 1.55)<br><u>Accessibility</u><br>Less than secondary OR = 1.26 (1.02, 1.56)<br>Other post-secondary OR = 1.69 (1.29, 2.21)<br>Post-secondary grad OR = 1.40 (1.15, 1.70)<br><u>Acceptability</u><br>Other post-secondary OR = 1.30 (1.07, 1.57) | <u>Overall</u><br>Low (vs Middle/High) OR = 1.19 (1.06, 1.33)<br><u>Availability</u> : NS<br><u>Accessibility</u><br>Low (vs Middle/High) OR = 1.51 (1.26, 1.80)<br><u>Acceptability</u><br>Low (vs Middle/High) OR = 1.26 (1.08, 1.48) | <u>Overall</u> (vs Business/social serv/healthcare)<br>Not employed OR = 0.85 (0.76, 0.94)<br><u>Availability</u><br>Sales/services OR = 0.86 (0.76, 0.97)<br>Not employed OR = 0.82 (0.72, 0.94)<br><u>Accessibility</u><br>Sales/services OR = 1.39 (1.09, 1.78)<br>Trades/transport/primary OR = 1.31 (1.01, 1.71)<br><u>Acceptability</u><br>Not employed OR = 0.84 (0.72, 0.99) | <u>Overall</u> OR = 1.69 (1.54, 1.85)<br><u>Availability</u> OR = 1.55 (1.49, 1.85)<br><u>Accessibility</u> OR = 1.40 (1.07, 1.83)<br><u>Acceptability</u> OR = 1.78 (1.56, 2.03) | Pharmaceutical insurance<br><u>Overall</u> OR = 1.20 (1.11, 1.29)<br><u>Availability</u> : NS<br><u>Accessibility</u> OR = 2.56 (2.17, 3.01)<br><u>Acceptability</u> : NS | NA                                                              |
| Sibley & Weiner<br>2011      | Other post-secondary (vs Secondary grad) OR = 1.39 (1.28, 1.51)<br>Post-secondary grad (vs Secondary grad) OR = 1.30 (1.23, 1.38)                                                                                                                                                                                                                                                                                                                                                                                                           | Low (vs Middle/High) OR = 1.19 (1.10, 1.28)<br>Unknown/NA/Not stated (vs Middle/High) OR = 0.92 (0.85, 0.99)                                                                                                                            | Not employed (vs Business/ Social services/ healthcare) OR = 0.84 (0.78, 0.89)                                                                                                                                                                                                                                                                                                       | OR = 1.66 (1.57, 1.76)                                                                                                                                                            | Pharmaceutical insurance OR = 1.22 (1.16, 1.28)                                                                                                                           | NA                                                              |
| Socias et al. 2016           | Secondary (vs Post-secondary) OR = 0.74 (0.57, 0.96)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quintile 1 (vs Quintile 5) OR = 1.46 (1.06, 1.99)<br>Quintile 2 (vs Quintile 5) OR = 1.48 (1.09, 2.02)                                                                                                                                  | NA                                                                                                                                                                                                                                                                                                                                                                                   | OR = 0.65 (0.48, 0.87)                                                                                                                                                            | NA                                                                                                                                                                        | Sense of belonging to local community: NS<br>Social support: NS |
| Starkes et al.<br>2005       | NS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NR                                                                                                                                                                                                                                      | NA                                                                                                                                                                                                                                                                                                                                                                                   | NA                                                                                                                                                                                | NA                                                                                                                                                                        | NR                                                              |
| Steele et al. 2017           | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Low SES OR = 0.97 (0.95, 0.99)                                                                                                                                                                                                          | NA                                                                                                                                                                                                                                                                                                                                                                                   | NA                                                                                                                                                                                | NA                                                                                                                                                                        | Perceived social support OR = 0.95 (0.93, 0.97)                 |
| Sunderland &<br>Findlay 2013 | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NA                                                                                                                                                                                                                                      | NA                                                                                                                                                                                                                                                                                                                                                                                   | NA                                                                                                                                                                                | NA                                                                                                                                                                        | NA                                                              |

| First Author/<br>Year    | Education                                                                 | Income                                                                                                                   | Employment Status                                                         | Have Primary Care<br>Provider/ Regular Source                                                                                                                                      | Health Insurance | Social Relationships                                                                      |
|--------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------|
| Urbanoski et al.<br>2007 | NA                                                                        | NA                                                                                                                       | NA                                                                        | NA                                                                                                                                                                                 | NA               | NA                                                                                        |
| Urbanoski et al.<br>2017 | NS                                                                        | NS                                                                                                                       | NA                                                                        | NA                                                                                                                                                                                 | NA               | NA                                                                                        |
| Vyas et al. 2020         | NS                                                                        | <20k (vs 80k) RR = 1.51 (1.01, 2.24)<br>20-39k (vs 80k) RR = 1.45 (1.01, 2.08)<br>40-59k (vs 80k) RR = 1.44 (1.08, 1.90) | NA                                                                        | NA                                                                                                                                                                                 | NA               | NA                                                                                        |
| Wu et al. 2005           | OR = 1.065 (1.058, 1.073)                                                 | Inadequate income OR = 1.146 (1.095, 1.197)                                                                              | NA                                                                        | NA                                                                                                                                                                                 | NA               | Social support OR = 0.988 (0.987, 0.990)<br>Community belonging OR = 0.952 (0.938, 0.965) |
| Zygmunt et al.<br>2017   | Overall: NS<br>Availability: NS<br>Acceptability: NS<br>Accessibility: NS | Overall: NS<br>Availability: NS<br>Acceptability: NS<br>≥80k (vs < 20k) OR = 2.38 (1.06, 5.37)<br>Accessibility: NS      | Overall: NS<br>Availability: NS<br>Acceptability: NS<br>Accessibility: NS | No regular medical doctor<br>Overall OR = 3.02 (1.87, 4.88)<br>Availability OR = 3.25 (2.01, 5.25)<br>Acceptability OR = 2.12 (1.02, 4.43)<br>Accessibility OR = 4.20 (2.15, 8.21) | NA               | NA                                                                                        |

Estimates are reported with 95% confidence interval, unless specified.

Grad: graduation; k: 1,000; LPM: Linear probability model; NA: Not Applicable; NS: Not Significant; OR: Odds Ratio; RR: Risk ratio; SES: Socioeconomic status. † 99% confidence interval

Table S4. Associations between unmet need and need-based variables

| First Author/ Year    | Perceived Health                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Comorbidities/ Disability                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Other Predictors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Allan et al. 2021     | <u>Fair (vs Poor)</u><br>2001: log OR = -0.102 p < 0.01<br>2003: log OR = -0.113 p < 0.01<br>2005: log OR = -0.060 p < 0.01<br>2010: log OR = -0.102 p < 0.01<br>2014: log OR = -0.084 p < 0.01<br><u>Good (vs Fair)</u><br>2001: log OR = -0.079 p < 0.01<br>2003: log OR = -0.064 p < 0.01<br>2005: log OR = -0.081 p < 0.01<br>2010: log OR = -0.073 p < 0.01<br>2014: log OR = -0.096 p < 0.01<br><u>Very good (vs Good)</u><br>2001: log OR = -0.049 p < 0.01<br>2003: log OR = -0.040 p < 0.01<br>2005: log OR = -0.037 p < 0.01<br>2010: log OR = -0.042 p < 0.01<br>2014: log OR = -0.051 p < 0.01<br><u>Excellent (vs Very good)</u><br>2001: log OR = -0.037 p < 0.01<br>2003: log OR = -0.029 p < 0.01<br>2005: log OR = -0.032 p < 0.01<br>2010: log OR = -0.038 p < 0.01<br>2014: log OR = -0.029 p < 0.01 | <u>Heart</u><br>2001: log OR = 0.023 p < 0.01<br><u>Arthritis</u><br>2001: log OR = 0.079 p < 0.01<br>2003: log OR = 0.070 p < 0.01<br>2005: log OR = 0.071 p < 0.01<br>2010: log OR = 0.078 p < 0.01<br>2014: log OR = 0.066 p < 0.01<br><u>Asthma</u><br>2001: log OR = 0.050 p < 0.01<br>2003: log OR = 0.047 p < 0.01<br>2005: log OR = 0.046 p < 0.01<br>2010: log OR = 0.039 p < 0.01<br>2014: log OR = 0.036 p < 0.01<br><u>Diabetes</u><br>2005: log OR = -0.015 p < 0.05<br><u>High BP: NS</u><br><u>Other condition</u><br>2001: log OR = 0.082 p < 0.01<br>2003: log OR = 0.072 p < 0.01<br>2005: log OR = 0.070 p < 0.01<br>2010: log OR = 0.077 p < 0.01<br>2014: log OR = 0.05 p < 0.01 | <u>Smoke: log OR = Occasional (vs Daily)</u><br><u>Smoke: log OR = Never (vs Occasional)</u><br>2003: log OR = -0.028 p < 0.01<br>2005: log OR = -0.016 p < 0.01<br><u>Smoke: log OR = Never (vs Daily)</u><br>2001: log OR = -0.017 p < 0.01<br>2003: log OR = -0.023 p < 0.01<br>2005: log OR = -0.022 p < 0.01<br>2014: log OR = -0.017 p < 0.05<br><u>Alcohol: log OR = Occasional (vs Daily): NS</u><br><u>Alcohol: None (vs Occasional)</u><br>2001: log OR = -0.010 p < 0.01<br><u>Alcohol: None (vs Daily)</u><br>2003: log OR = -0.018 p < 0.05<br>2014: log OR = -0.028 p < 0.05<br><u>Moderate activity (vs Active)</u><br>2001: log OR = -0.012 p < 0.01<br>2005: log OR = -0.010 p < 0.05<br>2010: log OR = -0.018 p < 0.05<br><u>Inactive (vs Moderate activity)</u><br>2014: log OR = -0.016 p < 0.05<br><u>Inactive (vs Active)</u><br>2001: log OR = -0.016 p < 0.01<br>2014: log OR = -0.020 p < 0.01<br>Health-related quality of life (EQ-5D) OR = 0.21 (0.09,0.53)<br>Been victim of sexual assault over past 12 months: NS<br>Ever diagnosed with a mental health disorder: NS<br>Physical health status OR = 0.98 (0.96,0.99)<br>Mental health status OR = 0.97(0.96,0.98)<br>Lifetime duration of homelessness: NS<br>Difficulties carrying out IADL OR = 2.31 (1.94, 2.75) |
| Argintaru et al. 2013 | NS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3 or more (vs 0) OR = 2.17 (1.24, 3.79)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Awe et al. 2019       | <u>Physical</u><br>Poor (vs Good) OR = 1.91 (1.60, 2.29)<br><u>Mental</u><br>Poor (vs Good) OR = 1.75 (1.46, 2.11)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | OR = 1.74 (1.42, 2.14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Baiden et al. 2017    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Suicidal ideation OR = 1.20 (1.03, 1.41)<br><u>Adverse childhood experience</u><br>2 (vs 0) OR = 1.39 (1.11, 1.76)<br>≥3 (vs 0) OR = 1.28 (1.06, 1.55)<br>Major depressive episode: NS<br><u>General anxiety disorder</u><br>Diagnosed (vs Undiagnosed) OR = 1.38 (1.10, 1.73)<br>Substance dependence: NS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Bataineh et al. 2019  | Excellent (vs Fair/Poor) LPM = -0.099, p < 0.01<br>Very good (vs Fair/Poor) LPM = -0.077, p < 0.01<br>Good (vs Fair/Poor) LPM = -0.052, p < 0.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Heart LPM = -0.015, p < 0.05<br>Arthritis LPM = 0.015, p < 0.01<br>Diabetes LPM = -0.014, p < 0.05<br>Injury LPM = 0.058, p < 0.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Bryant et al. 2009    | Good (vs Excellent/Very good) OR = 1.86 (1.36, 2.54)<br>Fair/Poor (Excellent/Very good) OR = 2.09 (1.48, 4.37)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Stressful life event in previous 12 months OR = 1.83 (1.33, 2.52)<br>Daily life is a bit/quite a bit/extremely stressful OR = 1.38 (1.01, 1.97)<br>Dissatisfied with social life OR = 2.30 (1.63, 3.25)<br>Rents home: NS<br>Body dissatisfaction: OR = 1.45 (1.17, 1.79)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Cammaert 2022         | Sub-optimal physical health: OR = 2.66 (2.03, 3.48)<br>Sub-optimal mental health: OR = 2.26 (1.63, 3.15)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| First Author/ Year      | Perceived Health                                                                                                                                                                                            | Comorbidities/ Disability                                                                                                                                                                                                                                                                                             | Other Predictors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chamberlain et al. 2022 | NA                                                                                                                                                                                                          | Functional impairment (vs None): 1.37 (1.21, 1.54)<br>4 or more (vs <4): 1.74 (1.58, 1.92)                                                                                                                                                                                                                            | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Chen & Hou 2002         | <u>Availability</u><br>Fair/Poor (vs Excellent/Very good/Good) OR = 1.84 (1.26, 2.70)<br><u>Accessibility: NS</u><br><u>Acceptability</u><br>Fair/Poor (vs Excellent/Very good/Good) OR = 1.93 (1.34, 2.77) | <u>Chronic conditions</u><br><u>Availability</u> OR = 1.46 (1.02, 2.07)<br><u>Accessibility</u> OR = 2.87 (1.37, 6.01)<br><u>Acceptability</u> OR = 1.76 (1.29, 2.39)<br><u>Chronic pain</u><br><u>Availability: NS</u><br><u>Accessibility</u> OR = 2.00 (1.17, 3.43)<br><u>Acceptability</u> OR = 1.99 (1.45, 2.75) | <u>Distress</u><br><u>Availability</u> OR = 1.71 (1.15, 2.54)<br><u>Accessibility</u> OR = 2.17 (1.23, 3.82)<br><u>Acceptability</u> OR = 2.44 (1.84, 3.24)<br><u>GP consultation in past year</u><br><u>Availability</u> OR = 2.24 (1.35, 3.72)<br><u>Accessibility: NS</u><br><u>Acceptability: NS</u><br><u>Doctor's authority score</u><br><u>Availability</u><br>High (vs Low) OR = 0.42 (0.22, 0.80)<br>Middle (vs Low) OR = NS<br><u>Accessibility</u><br>High (vs Low) OR = NS<br>Middle (vs Low) OR = 0.37 (0.21, 0.67)<br><u>Acceptability</u><br>High (vs Low) OR = 0.60 (0.39, 0.93)<br>Middle (vs Low) OR = 0.72 (0.52, 1.00)<br><u>Self-care score</u><br><u>Availability: NS</u><br><u>Accessibility: NS</u><br><u>Acceptability</u><br>High (vs Low) OR = 1.72 (1.26, 2.36)<br>High DAS level at both phases (vs Low) OR = 3.98 (2.51, 6.31)<br>Decreasing DAS level (improving mental health): NS<br>Increasing DAS level (deteriorating mental health) OR = 2.75 (1.44, 5.26)<br><u>Respondents with major depression or psychological distress</u><br>2012 (vs 2002) OR = 1.54 (1.33, 1.78)<br>Living arrangement: NS<br><u>Housing</u><br>Supported housing/rooming/boarding home (vs Private): NS<br>No fixed address/hostel/shelter (vs Private) OR = 2.79 (1.50, 5.18)<br>Hospital (vs Private): NS<br>Detention facility (vs Private): NS<br>Unknown (vs Private): NS<br><u>Charge Severity</u><br>Class 2 (vs Class 1): NS<br>Class 3 (vs Class 1): NS<br>Have case manager OR = 0.36 (0.19, 0.66)<br>NA<br><u>Perceived health care availability</u><br>Poor (vs Good) ORwomen = 1.58 (1.09, 2.28)<br>Poor (vs Good) ORmen = 1.92 (1.23, 2.99)<br>Housing instability: NS<br>Transitory sleeping: NS<br>Drug dependence: 2.49 (1.48, 4.18)<br>NA<br>Ever diagnosed with a mental health problem OR = 1.71 (1.36, 2.16)<br>Lifetime duration of homelessness: NS<br>Problematic substance use OR = 1.52 (1.23, 1.88)<br>Incarceration in the past 12 months OR = 1.32 (1.04, 1.68)<br>Residential stability OR = 0.82 (0.67, 0.98) |
| Dezetter et al. 2015    | NA                                                                                                                                                                                                          | NA                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Drapeau et al. 2019     | NA                                                                                                                                                                                                          | NA                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Durbin et al. 2014      | NA                                                                                                                                                                                                          | Psychotic disorder (vs Nonpsychotic): NS<br>Unknown (vs Nonpsychotic) OR = 2.10 (1.01, 4.39)                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gibson & Clair 2019     | NA                                                                                                                                                                                                          | NA                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Hwang et al. 2017       | NR                                                                                                                                                                                                          | NA                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Hyshka et al. 2017      | NA                                                                                                                                                                                                          | NA                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Islam & Kellett 2022    | Fair/Poor (vs Excellent/Very good/Good) OR = 3.39 (2.94, 3.89)                                                                                                                                              | NA                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Jaworsky et al. 2016    | NA                                                                                                                                                                                                          | 3 or more OR = 1.58 (1.25, 2.01)                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

| First Author/ Year                | Perceived Health                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Comorbidities/ Disability                                                                                                                                                                                                    | Other Predictors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Kasman & Badley 2004 <sup>†</sup> | Fair/Poor (vs Excellent/Very good/Good) OR = 1.49 (1.33, 1.66)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Chronic conditions<br>2 or more OR = 1.41 (1.29, 1.53)<br>Two-week disability OR = 1.76 (1.61, 1.92)<br>Long-term disability OR = 1.43 (1.31, 1.56)<br>Depression: OR = 1.96 (1.82, 2.11)<br>Anxiety: OR = 2.33 (2.04, 2.66) | Pain OR = 1.96 (1.79, 2.16)<br>Consulted a GP 3+ times OR = 1.17 (1.08, 1.17)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Khattar et al. 2022               | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                              | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Kitching et al. 2020              | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NA                                                                                                                                                                                                                           | Discrimination by a healthcare provider OR = 3.1 (1.3, 7.3)<br><u>Food security</u><br>Enough but not of desired foods OR = 5.2 (1.6, 16.8)<br>Sometimes not enough: NS<br>Often not enough: NS<br>Mobility in the past year: NS<br>GP travel/visit time: NS<br>Emotional distress OR = 2.573 (1.507, 4.393)                                                                                                                                                                                                                                                                                                                                                             |
| Law et al. 2005                   | Fair/Poor (vs Excellent/Very good/Good) OR = 2.824 (1.716, 4.648)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 or more (vs None) OR = 2.631 (1.519, 4.557)                                                                                                                                                                                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Levesque et al. 2012              | Very good (vs Excellent) OR = 0.583 (0.487, 0.697)<br>Good (vs Excellent) OR = 0.685 (0.591, 0.793)<br>Average (vs Excellent) OR = 1.519 (1.273, 1.813)<br>Bad (vs Excellent) OR = 1.555 (1.104, 2.190)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Isolated risk factor: NS<br>Moderate morbidity OR = 1.915 (1.651, 2.222)<br>Severe morbidity OR = 1.877 (1.581, 2.229)<br>Comorbidities OR = 2.727 (1.880, 3.955)                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Lin & Fang 2022 <sup>†</sup>      | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Asthma: OR = 1.48<br>COPD: NS<br>Arthritis: OR = 1.89<br>Heart disease: NS<br>Stroke: NS<br>Diabetes: NS<br>Cancer: NS<br>Mood disorder: OR = 1.75<br>Anxiety disorder: NS                                                   | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MacLean et al. 2021               | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NA                                                                                                                                                                                                                           | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Marshall 2011                     | <u>All ages</u><br>Excellent (vs Poor) OR = 0.13<br>Very good (vs Poor) OR = 0.20<br>Good (vs Poor) OR = 0.30<br>Average (vs Poor) OR = 0.50<br><u>18-30</u><br>Excellent (vs Poor) OR = 0.09<br>Very good (vs Poor) OR = 0.17<br>Good (vs Poor) OR = 0.24<br>Average (vs Poor) OR = 0.44<br><u>31-50</u><br>Excellent (vs Poor) OR = 0.12<br>Very good (vs Poor) OR = 0.18<br>Good (vs Poor) OR = 0.28<br>Average (vs Poor) OR = 0.48<br><u>51-64</u><br>Excellent (vs Poor) OR = 0.10<br>Very good (vs Poor) OR = 0.14<br>Good (vs Poor) OR = 0.24<br>Average (vs Poor) OR = 0.47<br><u>65+</u><br>Excellent (vs Poor) OR = 0.13<br>Very good (vs Poor) OR = 0.14<br>Good (vs Poor) OR = 0.25<br>Average (vs Poor) OR = 0.47 | NA<br>NA                                                                                                                                                                                                                     | <u>Living arrangement</u><br><u>All ages</u><br>Unattached with other (vs Unattached alone) OR = 1.21, p < 0.05<br>Lives with spouse/partner (vs Unattached alone) OR = 0.89, p < 0.05<br>Is a child living with a single parent (vs Unattached alone) OR = 1.24, p < 0.05<br><u>18-30</u><br>Unattached with other (vs Unattached alone) OR = 0.75, p < 0.05<br>Lives with parent, spouse, and child (vs Unattached alone) OR = 0.76, p < 0.05<br>Is a child living with two parents (vs Unattached alone) OR = 0.63, p < 0.001<br><u>31-50</u><br>Is a child living with two parents (vs Unattached alone) OR = 0.44, p < 0.01<br><u>51-64</u> : NS<br><u>65+</u> : NS |

| First Author/ Year   | Perceived Health                                                                                                                       | Comorbidities/ Disability                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Other Predictors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| McDonald et al. 2010 | Good (vs Excellent) OR = 1.966, p < 0.001<br>Average (vs Excellent) OR = 3.273, p < 0.001<br>Poor (vs Excellent) OR = 6.369, p < 0.001 | Asthma: 1.202, p = 0.032<br>Arthritis: 1.436, p < 0.001<br>Diabetes: 0.811, p = 0.011<br>Cancer: 1.248, p = 0.049<br>Heart disease: 1.250, p = 0.002<br>1 (vs 0) OR = 1.34 (1.15, 1.55)<br>2 (vs 0) OR = 1.77 (1.48, 2.12)<br>3 or more (vs 0) OR = 2.19 (1.81, 2.64)                                                                                                                                                                                                                                                                       | <u>Physicians in health region</u><br>GPs per 1,000 residents OR = 0.995, p = 0.041<br><u>Smoking</u><br>Current smoker (vs Never smoked) OR = 1.263, p = 0.027                                                                                                                                                                                                                                                                                                                                                      |
| McLeod & Karim 2020  | Good (vs Excellent or Very good) OR = 1.66 (1.46, 1.88)<br>Fair or Poor (vs Excellent or Very good) OR = 3.00 (2.50, 3.60)             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Mood disorder OR = 1.61 (1.38, 1.89)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Moallef et al. 2020  | NA                                                                                                                                     | Chronic pain OR = 2.00 (1.30, 3.01)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Daily drug use (heroin, stimulants, fentanyl): NS<br>HIV: NS<br>Moderate/Severe anxiety (vs None to slight/mild) OR = 1.77 (1.12, 2.76)<br>Homeless OR = 1.77 (1.05, 3.12)<br>Incarceration OR = NS<br>Treated poorly at healthcare facility OR = 5.5 (3.59, 8.60)<br>1 or more mental disorder OR = 4.48 (3.21, 6.25)<br>Mental health service use OR = 2.83 (1.99, 4.03)                                                                                                                                           |
| Nelson & Park 2006   | Negative (vs Positive) OR = 3.23 (2.20, 4.74)                                                                                          | 1 or more OR = 1.48 (1.12, 1.96)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <u>Physical</u><br>Problematic drug/alcohol use OR = 1.95 (1.43, 2.64)<br>Homeless (vs Vulnerably housed): NS<br>Lifetime homelessness: NS<br>Incarceration: NS<br>Mental health problem OR = 1.39 (1.06, 1.82)<br><u>Mental</u><br>Problematic drug/alcohol use OR = 3.06 (2.17, 4.30)<br>Homeless (vs Vulnerably housed) OR = 1.45 (1.06, 1.98)<br>Lifetime homelessness: NS<br>Incarceration: NS<br>Mental health problem OR = 2.98 (2.12, 4.20)<br>Female-predominant PHC organization (vs Male-predominant): NS |
| Palepu et al. 2013   | NA                                                                                                                                     | <u>Physical</u><br>3 or more (vs 0) OR = 3.58 (2.20, 5.83)<br><u>Mental</u><br>3 or more (vs 0) OR = 2.67 (1.43, 4.98)                                                                                                                                                                                                                                                                                                                                                                                                                      | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Pineault et al. 2017 | NR                                                                                                                                     | NR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reid et al. 2012     | NA                                                                                                                                     | Asthma OR = 1.56 (1.48, 1.64)<br>Diabetes OR = 1.20 (1.11, 1.30)<br>Epilepsy OR = 1.56 (1.30, 1.86)<br>Migraine OR = 1.89 (1.81, 1.98)                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ridde et al. 2020    | NA                                                                                                                                     | NS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <u>Had enough food in the past 12 months</u><br>Often/Sometimes (vs Never) OR = 3.73 (2.38, 5.87)<br>Aware of where to get free/ low cost food: NS<br>Medical prescription to get medication OR = 3.16 (1.57, 6.35)<br>Years without healthcare coverage: NS<br><u>Occupational injury</u><br>No occupational injury (vs Non-worker): NS<br>Prior occupational injury (vs Non-worker) OR = 9.25 (2.44, 37.17)                                                                                                        |
| Ronksley et al. 2012 | NR                                                                                                                                     | <u>Chronic conditions present</u><br><u>Overall</u> OR = 1.51 (1.45, 1.59)<br><u>Accessibility</u> : NS<br><u>Availability</u> OR = 1.14 (1.06, 1.22)<br><u>Acceptability</u> OR = 1.15 (0.99, 1.32)<br><u>Personal choice</u> OR = 0.83 (0.76, 0.90)<br>1 OR = 1.50 (1.43, 1.58)<br>2 OR = 1.52 (1.41, 1.62)<br>3 or more OR = 1.71 (1.56, 1.88)<br><u>Specific conditions</u><br>COPD/emphysema OR = 1.19 (0.99, 1.43)<br>Diabetes OR = 0.85 (0.76, 0.94)<br>Heart disease OR = 1.16 (1.04, 1.30)<br>Mood disorder OR = 1.94 (1.78, 2.12) | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| First Author/ Year    | Perceived Health                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Comorbidities/ Disability                                                                                                                                                                                                                                                                                                                                                                                     | Other Predictors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shakeel et al. 2020   | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Physical: NS<br>Emotional: NS                                                                                                                                                                                                                                                                                                                                                                                 | <b>Physical</b><br><u>Treatment type</u><br>Chemo or rad only (vs Surgical only) OR = 1.46 (1.17, 1.81)<br>Surgical +/- chemo +/- rad (vs Surgical) OR = 1.78 (1.44, 2.21)<br><u>Physician type: NS</u><br><u>Family physician involvement</u><br>Very (vs No) OR = 0.62 (0.51, 0.76)<br>Internet use: NS<br>Social media use: NS<br><u>Cancer type</u><br>Prostate (vs Breast) OR = 0.60 (0.43, 0.84)<br>Hematological (vs Breast) OR = 0.70 (0.50, 0.99)<br><b>Emotional</b><br><u>Treatment type</u><br>Chemo or rad only (vs Surgical only) OR = 1.54 (1.17, 2.01)<br>Surgical +/- chemo +/- rad (vs Surgical only) OR = 1.69 (1.31, 2.18)<br><u>Physician type</u><br>Oncologist (Family physician only) OR = 0.73 (0.57, 0.94)<br>Family physician + Oncologist (Family physician only) OR = 0.78 (0.62, 1.00)<br><u>Family physician involvement</u><br>Very (vs No) OR = 0.60 (0.47, 0.75)<br>Internet use: NS<br>Social media use: NS<br><u>Cancer type</u><br>Melanoma (vs Breast) OR = 1.75 (1.17, 2.61)<br>NA |
| Sibley & Glazier 2009 | <u>Overall</u><br>Excellent (vs Good) OR = 0.45 (0.41, 0.50)<br>Very good (vs Good) OR = 0.67 (0.62, 0.73)<br>Fair (vs Good) OR = 1.60 (1.45, 1.76)<br>Poor (vs Good) OR = 3.36 (2.87, 3.94)<br><u>Availability</u><br>Excellent (vs Good) OR = 0.45 (0.40, 0.52)<br>Very good (vs Good) OR = 0.67 (0.60, 0.74)<br>Fair (vs Good) OR = 1.43 (1.26, 1.62)<br>Poor (vs Good) OR = 2.94 (2.44, 3.54)<br><u>Accessibility</u><br>Excellent (vs Good) OR = 0.55 (0.41, 0.74)<br>Very good (vs Good) OR = 0.65 (0.54, 0.79)<br>Fair (vs Good) OR = 1.54 (1.19, 1.99)<br>Poor (vs Good) OR = 3.04 (2.16, 4.27)<br><u>Acceptability</u><br>Excellent (vs Good) OR = 0.45 (0.38, 0.52)<br>Very good (vs Good) OR = 0.71 (0.63, 0.80)<br>Fair (vs Good) OR = 1.66 (1.44, 1.92)<br>Poor (vs Good) OR = 3.09 (2.52, 3.78) | <u>Overall</u><br>0 (vs 1) OR = 0.74 (0.67, 0.83)<br>2 or more (vs 1) OR = 1.67 (1.52, 1.84)<br><u>Availability</u><br>0 (vs 1) OR = 0.81 (0.71, 0.92)<br>2 or more (vs 1) OR = 1.79 (1.59, 2.02)<br><u>Accessibility</u><br>0 (vs 1) OR = 0.50 (0.40, 0.63)<br>2 or more (vs 1) OR = 1.49 (1.20, 1.85)<br><u>Acceptability</u><br>0 (vs 1) OR = 0.74 (0.64, 0.87)<br>2 or more (vs 1) OR = 1.44 (1.26, 1.64) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Sibley & Weiner 2011  | Excellent (vs Good) OR = 0.45 (0.42, 0.48)<br>Very good (vs Good) OR = 0.67 (0.64, 0.70)<br>Fair (vs Good) OR = 1.61 (1.50, 1.72)<br>Poor (vs Good) OR = 3.39 (3.07, 3.74)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0 (vs 1) OR = 0.74 (0.70, 0.79)<br>2 or more (vs 1) OR = 1.65 (1.56, 1.76)                                                                                                                                                                                                                                                                                                                                    | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Socias et al. 2016    | Good (vs Excellent/Very good) OR = 2.03 (1.62, 2.53)<br>Fair/Poor (vs Excellent/Very good) OR = 4.21 (3.21, 5.51)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NA                                                                                                                                                                                                                                                                                                                                                                                                            | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Starkes et al. 2005   | NS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Comorbidities: NS<br>Disability days in last 14 days: NS                                                                                                                                                                                                                                                                                                                                                      | 4+ GP visits (vs 0) OR = 0.45 (0.21, 0.94)<br>Chronic depression (vs Acute) OR = 0.45 (0.30, 0.67)<br>Suicidal ideation OR = 0.47 (0.31, 0.72)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| First Author/ Year           | Perceived Health                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Comorbidities/ Disability                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Other Predictors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Steele et al. 2017           | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Depression/Anhedonia OR = 2.6 (1.5, 4.3)<br>Depression treatment: NS<br>>3 Discriminatory events OR = 2.2 (1.4, 3.4)<br>Microaggression events: NS<br><u>Mood or anxiety disorder</u><br>Unmet: NS<br>Partially OR = 1.51 (1.15 1.98)<br><u>Any substance disorder</u> : NS<br><u>Mood or anxiety disorder and any substance disorder</u><br>Unmet: NS<br>Partially OR = 2.03 (1.26 3.27)<br><u>Higher distress</u><br>Unmet OR = 2.61 (1.87 3.63)<br>Partially OR = 2.70 (2.03 3.58)                                                                                                                                                                                                                |
| Sunderland & Findlay<br>2013 | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <u>One chronic physical condition</u><br>Unmet: NS<br>Partially: NS<br><u>Two chronic physical conditions</u><br>Unmet OR = 0.41 (0.25 0.65)<br>Partially: NS<br><u>Three or more chronic physical conditions</u><br>Unmet OR = 0.41 (0.24 0.71)<br>Partially: NS                                                                                                                                                                                                                                                                                                                                                                                                    | <u>Diagnostic status</u><br>SD only (vs No disorder) OR = 6.09 (4.45, 8.33)<br>MD only (vs No disorder) OR = 10.53 (8.95, 12.40)<br>SD + MD (vs No disorder) OR = 40.53 (28.07, 58.53)<br>Psychological distress: NS<br><u>Diagnosis</u><br>SUD only (vs No disorder) OR = 1.59 (1.02, 2.47)<br>Distress OR = 1.09 (1.08, 1.11)<br><u>Service use</u><br>Primary care (vs None) OR = 0.44 (0.31, 0.61)<br>Specialist care (vs None) OR = 0.31 (0.23, 0.41)<br>Current drinker: NS<br>Ever smoked RR = 0.91 (0.85, 0.99)<br>Stress OR = 1.348 (1.330, 1.366)<br><u>Primary care type: Non-team-based (vs Team-based)</u><br>Overall: NS<br>Availability: NS<br>Acceptability: NS<br>Accessibility: NS |
| Urbanoski et al. 2007        | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Urbanoski et al. 2017        | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Vyas et al. 2020             | Fair (vs Excellent) RR = 1.68 (1.28, 2.22)<br>Poor (vs Excellent) RR = 2.25 (1.67, 3.01)<br>OR = 0.660 (0.642, 0.678)                                                                                                                                                                                                                                                                                                                                                                                                                             | Diabetes mellitus R = 1.14 (1.03, 1.25)<br>Heart disease R = 1.24 (1.16, 1.33)<br>OR = 1.919 (1.874, 1.964)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Wu et al. 2005               | <u>Overall</u><br>Good (vs Excellent) OR = 3.23 (1.89, 5.53)<br>Fair/Poor (vs Excellent) OR = 8.46 (4.52, 15.81)<br><u>Availability</u><br>Very good (vs Excellent) OR = 1.98 (1.02, 3.84)<br>Good (vs Excellent) OR = 6.14 (3.12, 12.07)<br>Fair/Poor (vs Excellent) OR = 8.88 (4.12, 19.15)<br><u>Acceptability</u><br>Good (vs Excellent) OR = 3.77 (1.78, 7.99)<br>Fair/Poor (vs Excellent) OR = 12.12 (4.90, 29.99)<br><u>Accessibility</u><br>Good (vs Excellent) OR = 2.34 (1.03, 5.35)<br>Fair/Poor (vs Excellent) OR = 3.17 (1.33, 7.54) | <u>Comorbidities</u><br><u>Overall</u> : NS<br><u>Availability</u> : NS<br><u>Acceptability</u><br>1 (vs 0) OR = 3.04 (1.34, 6.89)<br><u>Accessibility</u> : NS<br><u>Chronic conditions</u><br><u>Overall</u><br>Chronic pain OR = 1.77 (1.09, 2.88)<br>Emphysema or COPD OR = 0.26 (0.09, 0.75)<br>Mood disorder OR = 2.70 (1.31, 5.56)<br><u>Availability</u><br>Chronic pain OR = 2.03 (1.02, 4.00)<br><u>Acceptability</u><br>Emphysema or COPD OR = 0.12 (0.02, 0.69)<br>Mood disorder OR = 3.73 (1.65, 8.43)<br><u>Accessibility</u><br>Emphysema or COPD OR = 0.01 (0.00, 0.09)<br>Depression OR = 2.24 (1.07, 4.66)<br>Heart disease OR = 2.66 (1.02, 6.91) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Zygmunt et al. 2017          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

Estimates are reported with 95% confidence interval, unless specified.

COPD: Chronic obstructive pulmonary disease; DAS: Differential Ability Scales; GP: General practitioner; HIV: Human Immunodeficiency Virus; IADL: Instrumental Activities of Daily Living; LPM: Linear probability model; NA: Not Applicable; NR: Not Reported; NS: Not Significant; OR: Odds Ratio; RR = Risk ratio. † 99% confidence interval