## Appendix 1 (as supplied by the authors): Original questionnaire used in the PRECISE project

For the present study, we limited the number of diagnoses to 12 as some were referring to symptoms or were judged too vague and difficult to match with the administrative data codes. We also combined under the term "Any cardiac disease" two diagnoses referring to heart conditions. The amended list of conditions used in the present study along with the diagnostic codes is provided after the questionnaire.

## Have you been told by a health professional that you have any of the following illnesses OR do you take medication to control one of these conditions?

| Check all that apply |   |  |  |  |
|----------------------|---|--|--|--|
|                      | Hypertension (high pressure)  |  |  |  |
|                      | Cholesterol problem   |  |  |  |
|                      | Asthma  |  |  |  |
|                      | Pulmonary problem (chronic bronchitis or emphysema)                               |  |  |  |
|                      | Diabetes  |  |  |  |
|                      | Thyroid disorder  |  |  |  |
|                      | Arthrosis   |  |  |  |
|                      | Rheumatoid arthritis  |  |  |  |
|                      | Persistant back pain or sciatic pain (excluding arthrosis)                        |  |  |  |
|                      | Osteoporosis  |  |  |  |
|                      | Another illness that affects the members or the articulations for more than 6     |  |  |  |
|                      | months (tendonitis, bursitis, fibromyalgia, lupus, etc.)                          |  |  |  |
|                      | Reflux <i>or</i> pectic ulcer <i>or</i> pyrosis                                   |  |  |  |
|                      | Intestine problem (Irritable bowel syndrome, Crohn disease, ulcerative colitis,   |  |  |  |
|                      | diverticulosis, etc.)   |  |  |  |
|                      | Overweight  |  |  |  |
|                      | Audition problem (hard of hearing)  |  |  |  |
|                      | Vision problem even though you wear glasses                                       |  |  |  |
|                      | Cardiac illnesses (pharyngitis, infarctus, dilatation, bypass, angioplasty, etc.) |  |  |  |
|                      | CVA (cerebrovascular accident)  |  |  |  |
|                      | Heart failure (diagnostic confirmed by a doctor)                                  |  |  |  |
|                      | Cancer in the last 5 years (including melanomas, but excluding all other skin     |  |  |  |

Appendix to: Fortin M, Haggerty J, Sanche S, et al. Self-reported versus health administrative data: implications for assessing chronic illness burden in populations. A cross-sectional study. *CMAJ Open* 2017. DOI:10.9778/cmajo.20170029. Copyright © 2017 Joule Inc. or its licensors

|   | cancer)                              |
|---|--------------------------------------|
|   | Depression or anxiety problem        |
| Γ | OTHER condition (specify) :          |
|   | I DON'T HAVE ANY OF THESE CONDITIONS |

| Condition            | Code ICD9           | Code ICD10                               |
|----------------------|---------------------|--|
| Hypertension         | 401-405             | 110, 111, 112, 113, 115                  |
| High cholesterol     | 272.0 - 272.4       | E78.0, E78.5                             |
| Asthma               | 493                 | J45, J46                                 |
| COPD                 | 491, 492, 496       | J41 - J44                                |
| Diabetes             | 250                 | E10, E11, E13, E14                       |
| Thyroid Disorder     | 240 - 246           | E00 - E07                                |
| Arthrosis            | 715                 | M15 - M19                                |
| Rheumatoid Arthritis | 714.0, 714.3, 716.9 | M05.8, M05.9, M06, M08.0, M08.2,         |
|                      |                     | M08.3, M08.4, M08.8, M08 .9              |
| Osteoporosis         | 733.0               | M81                                      |
| Intestinal diseases  | 555, 556, 557, 562  | K50, K51, K57, K58                       |
| Any Cardiac Disease  | 410 - 414, 428      | 120, 121, 122, 125, 127, 126.0, 150, 151 |
| Cancer               | 140 - 208           | C00 – C95                                |