**Supplementary Table 1:** List of information retrieved from the ACG database

| Information                                                                 | Description                                                                                     |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Chronic diseases                                                          | Summarized with EDC (Expanded Diagnosis Cluster) codes assigned by the ACG algorithm on the basis of information collected in the previous 5 years (from 2013 to 2017) |
| Drug prescriptions                                                         | Summarized with Rx-MG (Rx-Defined Morbidity Group) codes                                         |
| Total healthcare costs and pharmacy costs generated in 2017               |                                                                                               |
| Status in life as at 31/12/2017, used for the assessment of crude mortality rates |                                                                                               |
| Number of hospital admissions in 2017                                     |                                                                                               |
| Number of trips to the emergency room in 2017                            |                                                                                               |
| Number of outpatient visits in 2017                                       |                                                                                               |