

Supplementary Table 2. Definition of drug prescriptions based on Korea drug codes in the Korea National Health Insurance Service database

Variable	Definition
Antihypertensive medication	Korea drug codes: 23101ATB, 223102BIJ, 263000ATB, 263100ACH, 192701ATB, 192702APD, 136501ATB, 136501BIJ, 136502ATB, 136503BIJ, 136504BIJ, 136505ATR, 197501ATB, 197502ATB, 216801ATB, 216802ATB, 216803ATB, 262900ATB, 149101ATB, 149102ATB, 149103ATB, 149104ATR, 245901ACH, 245902BIJ, 245903ACH, 367701ALQ, 367701ASS, 367701ATB, 263000ATB, 170701ATB, 423601ATB, 423602ATB, 196101ATB, 196102ATB, 229301BIJ, 485201ATB, 485202ATB, 564701ATB, 564702ATB, 632201ATB, 427300ATB, 427400ATB, 170801ATB, 170802ATB, 261900ATB, 262000ATB, 262200ATB, 262300ATB, 262500ATB, 262600ATB, 262700ATB, 262800ATB, 263000ATB, 356400ATB, 378700ATB, 378900ATB, 385700ATB, 385800ATB, 423700ATB, 440300ATB, 440700ATB, 440800ATB, 442600ATB, 443200ATB, 443300ATB, 448600ATB, 448700ATB, 453600ATB, 453700ATB, 455400ATB, 455500ATB, 460500ATB, 469800ATB, 469900ATB, 470000ATB, 477400ATB, 486900ATB, 489100ATB, 497900ATB, 499200ATB, 499300ATB, 502600ATB, 509200ATB, 513600ATB, 519700ATB, 519800ATB, 519900ATB, 520000ATB, 520100ATB, 522000ATB, 526800ATB, 553800ATB, 553900ATB, 554700ATB, 554800ATB, 554900ATB, 556100ATB, 584100ATB, 262900ATB, 189201ATB, 263100ACH, 367001ATB, 367002ATB, 249401ATB, 174401ATR, 174402ATB, 174403ATB, 174404ATB, 356500ATB, 490100ATB, 556200ATB, 503301ACH, 163801ATB, 163802ATB, 163802BIJ, 163803BIJ, 163804ASS, 119901ATB, 119901BIJ, 119902BIJ, 119903BIJ, 242001ATB, 242002ATB, 242003ATB, 242004ATB, 242004BIJ, 416001BIJ, 106901ATB, 261900ATB, 243401ATB, 616501ATB, 616502ATB, 206801ATB, 212701ATB, 219901ATB, 219902BIJ, 219903ATB, 219904ATB, 219905ACR, 219906ACR, 220001ACR, 220002ACR, 239601COS, 239602COS, 239603COO, 239603COS, 239604COS, 239605COS, 239606COS, 239607COS, 332100COS, 332800COS, 423300COS, 440400COS, 490600COS, 493000COS, 499100COS, 506000COS, 513800COS, 516400COS, 517600COS, 519100COS, 526600COS, 629300COS, 641500COS, 642100COS, 230401ATB, 230402ATB, 230402BIJ, 230403ATB, 427300ATB, 427400ATB, 596601ATB, 596602ATB, 124801ATB, 124804ATB, 124805ACR, 460101ATB, 209801ATB, 193801BIJ, 193802ATB, 194001ATB, 194002BIJ, 194003ATB, 194003ATR, 194004ATB, 194004ATR, 194005ATR, 262400ATR, 262600ATB, 111401ATB, 111402ATB, 111403ATB, 460200ATB, 262100ATB, 460200ATB, 100801ACH, 100802ATB, 262000ATB, 116801ATB, 116803ATB, 117001ATB, 117002ATB, 117003ATB, 117901ATB, 117902ATB, 117903ATB, 117904ATB, 469800ATB, 469900ATB, 470000ATB, 129101ATB, 154401BIJ, 154402BIJ, 483101ATB, 483102ATB, 489501ATB, 489502ATB, 180201ATB, 180202BIJ, 180203BIJ, 125001ATB, 125002ATB, 125003ATB, 125004ACR, 125005ATB, 125006ACR, 125007ACR, 125008ACR, 107601ATB, 107601ATD, 107602ATB, 107602ATD, 459801ACH, 459801ATB, 459802ACH, 459901ATB, 464601ATB, 470801ATB, 470802ATB, 472300ATB, 472400ATB, 472500ATB, 476201ATB, 479701ATB, 492800ATB, 492900ATB, 495800ATB, 500500ATB, 500600ATB, 502700ATB, 503000ATB, 511500ATB, 511600ATB, 511700ATB, 513900ATB, 518900ATB, 519700ATB, 519800ATB, 519900ATB, 520000ATB, 520100ATB, 522900ATB, 523000ATB, 523100ATB, 523200ATB, 523300ATB, 523400ATB, 547500ATB, 547600ATB, 547700ATB, 582200ATB, 582400ATB, 595201ATB, 628800ATB, 629400ATB, 629500ATB, 629600ATB, 633400ATB, 637400ATB, 637500ATB, 637600ATB, 157501ATR, 157502ATR, 157503ATR, 262400ATR, 447100ATB, 447200ACH, 447200ATB, 178901ATB, 178902ACR, 178902ATR, 201001ATB, 201001BIJ, 201002ACR, 201002ATB, 201002BIJ, 201003ACR, 201004BIJ, 201101BIJ, 201102BIJ, 201401ACS, 201401ATB, 201402ACS, 201402ATB, 201402ATR, 201403ATR, 201404ATR, 201405ATR, 201406ATR, 201407ACS, 201408ATR, 201409ATR, 201901ATB, 201902BIJ, 202401ATB, 202402ATB, 466000ATB, 180301ATB, 180302ATB, 180303ATB, 201701ATB, 201702ATB, 188001ATB, 188002ATB, 188003ATB, 114001ACH, 114002ACH, 114003ACH, 182001ATB, 182002ATB, 522200ATB, 522300ATB, 522400ATB, 133101ATB, 133102ATB, 247601ACR, 247602BIJ, 247603ATR, 247604BIJ, 247605ACR, 247605ATR, 247606ATB, 247606ATR, 247607ATB, 247607ATR, 145701ACR, 145703ACR, 145705ACR, 145706ATB, 145706ATR, 145707ACR, 145707ATB, 145707ATR, 145801ATR, 457401ATB, 457402ATB, 457403ATB, 122901ATB, 122902ATB, 122903ATB, 262200ATB, 262300ATB, 378700ATB, 151601ATB, 151602ATB, 151603ATB, 385900ATB, 440300ATB, 453600ATB, 453700ATB, 466000ATB, 184501ATB, 499200ATB, 499300ATB, 211301ATB, 211302ATB, 211303ATB, 356500ATB, 490100ATB, 501601ATB, 501602ATB, 556200ATB, 222401ACH, 222401ATB, 222402ACH, 222402ATB, 222403ACH, 222404ACH, 222404ATB, 447100ATB, 447200ACH, 447200ATB, 448600ATB, 448700ATB, 221901ATB, 114701ATB, 114702ATB, 114703ATB, 133001ATB, 133002ATB, 133003ATB, 163501ATB, 163502ATB, 163503ATB, 242401ACH, 242402ACH,

Supplementary Table 2. Continued

Variable	Definition
	447000ATB, 231001ATB, 140901ATB, 140902ATB, 196801ATB, 196802ATB, 440700ATB, 440800ATB, 497900ATB, 553900ATB, 235001ATB, 235002ATB, 235003ATB, 235101ATB, 510401ATB, 510402ATB, 510403ATB, 173401ATB, 173402ATB, 173403ATB, 185701ATB, 185702ATB, 262500ATB, 378900ATB, 486900ATB, 502700ATB, 503000ATB, 513900ATB, 637400ATB, 637500ATB, 637600ATB, 429201ATB, 429202ATB, 460500ATB, 247101ACH, 247101ATB, 247102ATB, 247103ATB, 247104ATB, 356400ATB, 442600ATB, 492800ATB, 492900ATB, 495800ATB, 522200ATB, 522300ATB, 522400ATB, 522600ATB, 522700ATB, 522800ATB, 522900ATB, 523000ATB, 523100ATB, 523200ATB, 523300ATB, 523400ATB, 525000ATB, 525100ATB, 525200ATB, 525300ATB, 629700ATB, 629800ATB, 634900ATB, 635000ATB, 635100ATB, 635200ATB, 177301ATB, 177302ATB, 177303ATB, 385700ATB, 385800ATB, 524000ATB, 524100ATB, 527000ATB, 527100ATB, 553800ATB, 122601ATB, 122602ATB, 122603ATB, 122604ATB, 423700ATB, 509200ATB, 556100ATB, 378801ATB, 378802ATB, 378803ATB, 443200ATB, 443300ATB, 502600ATB, 511500ATB, 511600ATB, 511700ATB, 521200ATB, 521300ATB, 521400ATB, 629900ATB, 630000ATB, 630100ATB, 630200ATB, 631600ATB, 631700ATB, 468501ATB, 468502ATB, 468503ATB, 477400ATB, 489100ATB, 500500ATB, 500600ATB, 513600ATB, 519700ATB, 519800ATB, 519900ATB, 520000ATB, 520100ATB, 526300ATB, 526400ATB, 526500ATB, 526900ATB, 547500ATB, 547600ATB, 547700ATB, 547800ATB, 547900ATB, 548000ATB, 582200ATB, 582400ATB, 628800ATB, 629400ATB, 629500ATB, 629600ATB, 631300ATB, 632800ATB, 632900ATB, 633000ATB, 633400ATB, 644100ATB, 644200ATB, 499501ATB, 499502ATB, 554700ATB, 554800ATB, 554900ATB, 584100ATB
Antidiabetic medication	Korea drug codes: 191501ATB, 191502AGR, 191502ATB, 191502ATR, 191503ATB, 191504ATB, 191504ATR, 191505ATR, 421100ATB, 443400ATB, 443500ATB, 452700ATB, 452900ATB, 461200ATB, 469100ATB, 471800ATB, 471900ATB, 474200ATB, 474300ATB, 474300ATR, 497200ATB, 498100ATB, 498600ATB, 498600ATR, 502300ATB, 502300ATR, 502900ATB, 507000ATB, 507100ATB, 513700ATB, 513700ATR, 518500ATR, 518600ATR, 518800ATB, 519600ATB, 520500ATB, 520600ATB, 520700ATB, 523600ATB, 523700ATB, 523800ATR, 524700ATR, 618900ATR, 628700ATB, 631900ATB, 632000ATR, 632100ATB, 635600ATB, 635700ATB, 637200ATB, 639800ATR, 641400ATR, 641800ATR, 641900ATR, 642000ATR, 132001ATB, 417401ATB, 417402ATB, 165401ATB, 165402ATB, 165501ATB, 421100ATB, 443400ATB, 443500ATB, 471900ATB, 165601ACS, 165602ACS, 165602ATB, 165603ATR, 165604ATR, 497200ATB, 165801ATB, 165901ATB, 165701ATB, 165702ATB, 165703ATB, 165704ATB, 474200ATB, 474300ATB, 474300ATR, 488800ATB, 488900ATB, 489000ATB, 498600ATB, 498600ATR, 525500ATB, 525600ATB, 430201ATB, 430202ATB, 430203ATB, 631900ATB, 348001ATB, 348002ATB, 348003ATB, 452700ATB, 452900ATB, 461200ATB, 469100ATB, 471800ATB, 488800ATB, 488900ATB, 489000ATB, 431901ATB, 431902ATB, 498100ATB, 525500ATB, 525600ATB, 630300ATB, 630400ATB, 630500ATB, 630600ATB, 100601ATB, 100602ATB, 406201ATB, 406202ATB, 249001ATB, 249001ATD, 249002ATB, 523600ATB, 523700ATB, 501101ATB, 501102ATB, 501103ATB, 502300ATB, 502300ATR, 502900ATB, 513700ATB, 513700ATR, 524700ATR, 500801ATB, 507000ATB, 507100ATB, 519600ATB, 518500ATR, 518600ATR, 613301ATB, 613302ATB, 618900ATR, 520500ATB, 520600ATB, 520700ATB, 616401ATB, 523800ATR, 619101ATB, 632000ATR, 639601ATB, 627301ATB, 641800ATR, 641900ATR, 642000ATR, 624201ATB, 624202ATB, 624203ATB, 630300ATB, 630400ATB, 630500ATB, 630600ATB, 635600ATB, 635700ATB, 118301BIJ, 118302BIJ, 170101BIJ, 170102BIJ, 170103BIJ, 170201BIJ, 170301BIJ, 170302BIJ, 170401BIJ, 170402BIJ, 170403BIJ, 170501BIJ, 170502BIJ, 170601BIJ, 170602BIJ, 175201BIJ, 175202BIJ, 175302BIJ, 175303BIJ, 175304BIJ, 215601BIJ, 215602BIJ, 215603BIJ, 215701BIJ, 327800BIJ, 441301BIJ, 441302BIJ, 441303BIJ, 441304BIJ, 441305BIJ, 461801BIJ, 461802BIJ, 461803BIJ, 461804BIJ, 484901BIJ, 484902BIJ, 488701BIJ, 507401BIJ, 626700BIJ, 626700BIJ, 626801BIJ, 626802BIJ
Antidyslipidemic medication	Korea drug codes: 227805ATB, 519300ACH, 227803ATB, 633900ATB, 130402ATB, 629900ATB, 502202ATB, 629800ATB, 524100ATB, 130403ATB, 524000ATB, 185801ATB, 525300ATB, 614500ATB, 502201ATB, 630100ATB, 507800ATB, 644100ATB, 630000ATB, 227801ATB, 111501ATB, 518900ATB, 111503ATB, 470903ATB, 631400ATB, 526900ATB, 472500ATB, 470901ATB, 634500ATB, 185901ATB, 640900ATB, 111502ATB, 162402ACH, 631700ATB, 227802ATD, 216601ATB, 634900ATB, 111504ATB, 162401ACH, 472300ATB, 525000ATB, 527000ATB, 216602ATB, 130404ATB, 227806ATB, 553700ATB, 527100ATB, 454001ATB, 631500ATB, 634800ATB, 635200ATB, 640800ATB, 162403ATR, 130405ATB, 525200ATB, 470902ATB, 227802ATB, 227801ATR, 633800ATB, 502203ATB, 629700ATB, 526300ATB, 502204ATB, 640700ATB, 454002ATB, 216604ATB, 525100ATB, 634600ATB, 454004ATB, 216603ATB,

Supplementary Table 2. Continued

Variable	Definition
	526400ATB, 635000ATB, 471000ATB, 631600ATB, 454003ATB, 130401ATB, 472400ATB, 526500ATB, 644200ATB, 630200ATB, 471100ATB
Aspirin	Korea drug codes: 110701ATB, 110702ATB, 110703ATE, 110704ATB, 110705ACE, 110706ATB, 110801ATB, 110802ATB, 111001ACE, 111001ACH, 111001ATB, 111001ATE, 111002ATE, 111003ACE, 111003ATB, 111003ATE, 252900ATB, 253000ATB, 253200ATB, 254200ATB, 254300ACH, 256800ATB, 259000ATB, 259100ACH, 263300ACH, 394500ATB, 489700ACR, 517900ACH, 582600ATE, A04500ATB, A05500ATB, A05500ATE, A20100ATB, A34400ATB, A61800ATE, B21200ATB, B36400ACH, C68600ACH, C75000ATB, C75100ATB
Acetaminophen	Korea drug codes: 101302CSP, 101303ATB, 101304AEL, 101305ACH, 101305ATB, 101306ATB, 101401ATB, 101402ATR, 101403ASS, 101404ATB, 101408ATB, 251700ATB, 252800ACH, 255500ATB, 256900ATB, 257100ATB, 265500ASY, 313000ATB, 313100ATB, 313200ATB, 380500ATB, 384500APD, 384600APD, 410100ATB, 430600ATB, 433000ATB, 440600ACH, 449600ATB, 452000ATB, 454100ATB, 478100ATB, 480600ATB
NSAIDs	Korea drug codes: 100901ACH, 101001ACH, 142301ATB, 143402ATB, 143504ATE, 156602ATB, 157801ACH, 160301ATB, 166201ACH, 172802ACS, 172807ATR, 179704ACH, 185002ATB, 189701ATB, 198103ASS, 199501ATB, 214004ACH, 233201ATB, 235302ATB, 251900ATB, 347802ATB, 363602ATB, 100902ACH, 142301ACS, 142304ASY, 143504ATB, 156602ACH, 156604ATR, 160301ACH, 161903ATB, 172802ACH, 172807ATB, 179703ACH, 185001ATB, 189701ACH, 198102ATB, 199501ACH, 214001ATB, 214202ATB, 235301ATB, 241502ACH, 347701ACH, 363601ATB, 100901ATB, 119801ATB, 142303ATB, 143501ATR, 156601ATB, 156603ATR, 157803ATB, 161902ATB, 172801ATB, 172806ATB, 174801ACR, 180001ATB, 189003ATB, 198101ASS, 199404ATE, 214001ACH, 214201ATB, 233203ATB, 41501ACH, 313400ACH, 355503ATB, 100901ACS, 116102ATB, 142302ATB, 143501ACR, 143506ATB, 156603ATB, 157801ATB, 157802ACH, 160302ATB, 166202ACH, 172802ATB, 172804ASY, 172811ASY, 179801ACH, 189001ACH, 189001ATB, 189702ACH, 199401ATR, 201801ATB, 206101ATB, 214004ATB, 233202ATB, 238901ATB, 238902ATR, 254400ACH, 355501ATB, 384200ATB, 441500AGN

NSAIDs, non-steroidal anti-inflammatory drugs.