Supplementary Table 1. Search terms used in the data extraction

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| Search terms | Completed with Emtree drug terms |
| Benzodiazepine\*  or Hypnotic\*  or anxiolytic\*  AND  long-term\*/ or long term  chronic\*  continuous\*  persistent\*  AND  use\*  utilization\*  utilization\*  usage\*  dispensing\*  consumption\*  prescribing\*  prescription\*  persistence\* | (diazepam) OR (alprazolam) OR (oxazepam) OR (triazolam) OR (temazepam) OR (zolpidem) OR (zopiclone) OR (nitrazepam) OR (zaleplon) OR (nitrazepam) OR (flunitrazepam) OR (lorazepam) OR (bretazenil) OR (bromazepam) OR (chlordiazepoxide) (cinolazepam) OR (clonazepam) OR (cloxazolam) OR (fludiazepam) OR (flunitrazepam) OR (flurazepam) OR (flutoprazepam) OR (halazepam) OR (ketazolam) OR (loprazolam) OR (lorazepam) OR (medazepam) OR (nimatazepam) OR (nitrazepam) OR (nordazepam) OR (phenazepam) OR (pinazepam) OR (prazepam) OR (premazepam) OR (premazepam) OR (quezepam) OR (tetrazepam) OR (clobazam) OR (tofisopam) OR (etizolam) OR (adinazolam) OR (clotiazepam) OR (estazolam) OR (lormetazepam) OR (brotizolam) OR (quazepam) OR (doxefazepam) OR (clorazepate) OR (camazepam) OR (ethyl loflazepate)  These individual drug terms were based on the search strategy of a systematic review from the Cochrane Collaboration (22) |