**Supplementary Table 1. Search Strategy**

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| "Dry mouth" OR "Mouth dryness" OR Xerostomia OR Asialia OR Aptyalism OR Hyposaliva\* OR Salivation OR "saliva\* gland dysfunction" OR “saliva\* dysfunction” OR "oral dry\*" OR "saliva\* gland hypofunction" OR "saliva\* hypofunction" |
| AND |
| antidepressant OR antidepressants OR antidepressive OR antidepressives OR "anti depressant" OR "anti depressants" OR "anti depressive" OR "anti depressives" OR anti-depressant OR anti-depressants OR anti-depressive OR anti-depressives OR "selective serotonin reuptake inhibitor" OR "selective serotonin reuptake inhibitors" OR SSRI OR SSRIs OR "serotonin and noradrenaline reuptake inhibitor" OR "serotonin and noradrenaline reuptake inhibitors" OR "Serotonin Uptake Inhibitors" OR SNRI OR SNRIs OR "monoamine oxidase inhibitor" OR "monoamine oxidase inhibitors" OR MAOI OR MAOIs OR tricyclic OR "Tricyclic antidepressant" OR "atypical antidepressant" OR depression OR depressive ORAnxiety OR antianxiety OR "antianxiety agent" OR "anti anxiety" OR anti-anxiety OR anxiolytic OR anxiolytics OR "anxiolytic agent" OR "tranquilizing agent" OR "tranquilizing" OR "tranquilizer" OR antipanic OR "anti panic" OR anti-panic ORAntimanic OR schizophren\* OR bipolar OR antipsychotic OR antipsychotics OR "anti psychotic" OR "anti psychotics" OR anti-psychotic OR anti-psychotics OR "antipsychotic agent" OR psychotropic OR psychotropics OR "psychotropic drug" OR "psychotropic drugs" OR neuroleptic OR neuroleptics OR psychoanaleptic OR psychoanaleptics OR psycho-analeptic OR psycho-analeptics OR psycholeptic OR psycholeptics OR psycho-leptic OR psycho-leptics OR anticonvulsant OR anticonvulsants OR "anti convulsant" OR "anti convulsants" OR anti-convulsant OR anti-convulsants OR antiepileptic OR antiepileptics OR "anti epileptic" OR "anti epileptics" OR anti-epileptic OR anti-epileptics OR antiseizure OR antiseizures OR "anti seizure" OR "anti seizures" anti-seizure OR anti-seizures OR "mood stabiliser" OR "mood stabilisers" OR mood-stabiliser OR mood-stabilisers ORDesvenlafaxine OR Vortioxetine OR Agomelatine OR Reboxetine OR Mianserin OR Dothiepin ORCitalopram OR Celapram OR Escitalopram OR Fluvoxamine OR Paroxetine OR Fluoxetine OR Sertraline OR Doxepin OR Clomipramine OR Nortriptyline OR Amitriptyline OR Maprotiline OR Desipramine OR Trimipramine OR Imipramine OR Protriptyline OR Isocarboxid OR Phenelzine OR Tranylcypromine OR Duloxetine OR Trazodone OR Venlafaxine OR Mirtazapine OR Bupropion OR Buspirone OR Lorazepam OR Flurazepam OR Clonazepam OR Triazolam OR Chlordiazepoxide OR Temazepam OR Oxazepam OR Clorazepate OR Alprazolam OR Hydroxyzine OR Tiagabine OR Gabapentin OR Valproate OR Lamotrigine OR Topiramate OR Propranolol OR Atenolol OR Prazosin OR Clonidine OR Guanfacine OR Pregabalin OR Chlorpromazine OR Bromazepam OR Moclobemide OR Carbamazepine OR Nefazodone ORAripiprazole OR Amisulpride OR Olanzapine OR Paliperidone OR Quetiapine OR Risperidone OR Ziprasidone OR Diazepam OR Asenapine OR Clozapine OR Sertindole OR Haloperidol OR Pericyazine OR Trifluoperazine OR Flupenthixol OR Fluphenazine OR Zuclopenthixol OR Benzodiazepines OR Cariprazine OR Lurasidone OR Benperidol OR Levomepromazine ORValproic Acid OR Valpromide OR Lithium OR "Lithium Carbonate" OR Piperidines |
| AND |
| "controlled trial" OR "controlled trials" OR controlled-trial OR controlled-trials OR "randomized" OR "randomised" OR randomly OR random\* OR placebo OR trial OR "cross sectional" OR cross-sectional OR "case control" OR case-control OR cohort OR "cohort studies" OR "Multicenter study" OR "clinical trial" OR "controlled clinical trial" OR "control group" OR "randomized controlled trial" |

The URL to search strategy: <https://tinyurl.com/2pu9bmbn>