

Table 1
 The list of entities describing the medical context for drug indications used in DIAMOND-KG and the mapping with predicates in the NeuroDKG dataset. Symbol “—” indicates there is no corresponding predicate in NeuroDKG

DIAMOND-KG predicate	NeuroDKG predicate	Description
age group	hasAgeGroup	Information related to the age group of individuals affected by a medical condition or receiving treatment.
co-morbidity	hasComorbidity	Diseases or conditions that commonly occur together with a specific target condition in the same patients.
symptom	hasSymptom	Specific indications or symptoms associated with a medical condition.
co-therapy	hasCurrentMedication	Procedures or therapies that should be used in combination with a particular treatment.
adjunct therapy	hasTherapy	Additional therapies or treatments used alongside the primary treatment.
past therapies	—	Previous or historical treatments that a patient has undergone.
treatment duration	treatmentDuration	Duration or length of time for which treatment is recommended or prescribed.
conditional	—	Statements or conditions that determine when the medication or treatment is appropriate to use.
co-prescribed medication	—	Medications that are commonly prescribed together with a specific drug.
genetics	—	Genetic factors or specific genetic strains associated with a disease.
temporal aspects	—	Information related to the timing or stages of a disease or treatment, such as at what life stage or disease stage a drug should be administered.