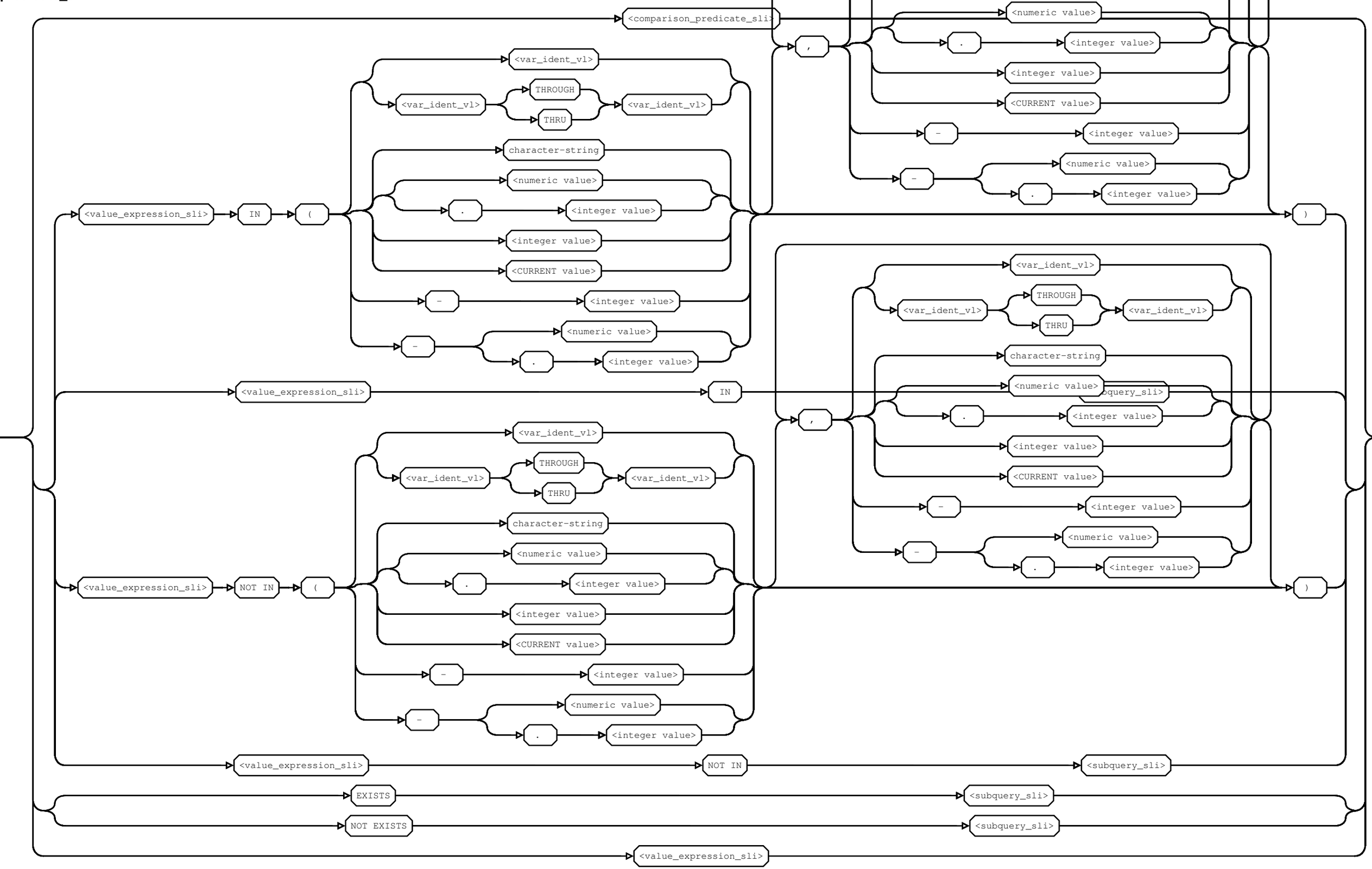predicate_sli :