

Actual Query Templates and Examples

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1 Introduction

Our query modification is to specify the predicates that were added to the “where” clause and the details are outlined in Table 1.

Query # 2	? < ps_partkey < ?
Query # 5	? < o_orderkey < ?
Query # 9	? < p_partkey <? and ? < s_suppkey < ?, ? < l_orderkey < ?
Query # 11	? < ps_partkey < ?
Query # 17	? < l_orderkey < ?

Table 1: Additional predicates added to the five queries

To illustrate what the modified TPC-H query look like, a query instance (Query # 11) is given by replacing the question marks (“?”) with real values.

```
select ps_partkey, sum(ps_supplycost*ps_availqty) as value
from partsupp, supplier, nation
where ps_suppkey = s_suppkey
and n_name = 'GERMANY'
and s_nationkey = n_nationkey
and ps_partkey between 105973 and 593374
group by s_partkey;
```