# Name: Date and time: The graph name: First type of enrichment(manual or tool):

#### **Manual Enrichment**

Redefinition phase(Step 1):

The time: The number of queries: The number of erroneous queries: The number of time-outed queries:

### Enrichment phase (Step 2):

The time: The number of queries: The number of erroneous queries: The number of time-outed queries:

## Enrichment using QB2OLAPem Redefinition phase (Step 1):

The time:

The number of actions (e.g., click): The number of errors after actions (e.g., click): The number of actions (e.g., click) with no effect:

### Enrichment phase (Steps 2):

The time:

The number of actions (e.g., click): The number of errors after actions (e.g., click): The number of actions (e.g., click) with no effect: