

Q1 dataset size (triples)

```
SELECT COUNT(*) WHERE {  
  ?s ?p ?o  
}
```

Q2: #get count of subproperties usage

```
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>  
SELECT ?p (COUNT(?s) AS ?counter) {  
  ?s ?p ?o .  
  ?p rdfs:subPropertyOf rdfs:label .  
}  
GROUP BY (?p)  
ORDER BY DESC(?counter)
```

Q3 All labeled classes

```
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>  
SELECT COUNT(distinct ?o) {  
  ?s a ?o .  
  {  
    ?o rdfs:label ?title .  
  }  
  UNION  
  {  
    ?subproperty rdfs:subPropertyOf rdfs:label .  
    ?o ?subproperty ?title .  
  }  
}
```

Q4 Number of classes

```
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>  
SELECT COUNT(distinct ?o) {  
  ?s a ?o .  
}
```

Q5 Number of properties

```
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
SELECT COUNT(distinct ?p) {
  ?s ?p ?o .
}
```

Q6 Number of labeled properties

```
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
SELECT COUNT(distinct ?p) {
  ?s ?p ?o .
  {?p rdfs:label ?title . }
  UNION {
    ?subproperty rdfs:subPropertyOf rdfs:label .
    ?p ?subproperty ?title . }
}
```

Q7 RDF MT size (triples)

```
SELECT COUNT(*) WHERE {
  ?s a <RDFMT1> .
  ?s ?p ?o
}
```

Q8 Total subjects

```
SELECT (COUNT(DISTINCT ?s)) WHERE {
  ?s a <RDFMT1> .
  ?s ?p ?o
}
```

Q9 Total labeled subjects

```
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
SELECT (COUNT(DISTINCT ?o) AS ?count) {
  ?o a <RDFMT1> .
}
```

```

{
?o rdfs:label ?title .
}
UNION
{
?subproperty rdfs:subPropertyOf rdfs:label .
?o ?subproperty ?title .
}
}

```

Q10 Number of subjects in each language

```

PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
SELECT ?lt COUNT(?o) {
?o a <RDFMT1> .
{
?o rdfs:label ?title .
}
UNION
{
?subproperty rdfs:subPropertyOf rdfs:label .
?o ?subproperty ?title .
}
BIND (LCASE(lang(?title)) as ?lt)
} GROUP BY ?lt

```

Q11 Number of languages

```

PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
SELECT count(distinct ?lt) {
?o a <RDFMT1> .
{
?o rdfs:label ?title .
}
UNION
{
?subproperty rdfs:subPropertyOf rdfs:label .

```

```

?o ?subproperty ?title .
}
BIND (LCASE(lang(?title)) as ?lt)
}

```

Q12 unambiguity

```

PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
SELECT count(distinct ?s) {
    ?s a <RDFMT1> .
    ?subproperty rdfs:subPropertyOf rdfs:label .
    ?s rdfs:label ?title .
    ?s ?subproperty ?otherTitle .
    FILTER (?title != ?otherTitle)
}

```

Q13 number entities with one language

```

PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
SELECT COUNT(?count) {
    SELECT ?s (count(distinct ?lt) as ?count) {
        ?s a <RDFMT1> .
        {
            ?s rdfs:label ?title .
        }
        UNION
        {
            ?subproperty rdfs:subPropertyOf rdfs:label .
            ?s ?subproperty ?title .
        }
        BIND (LCASE(lang(?title)) as ?lt)
    }
    GROUP BY ?s
    HAVING (count(distinct ?lt) = 1)
}

```

Q14 number entities with 1 - 5 language

PREFIX rdfs: <<http://www.w3.org/2000/01/rdf-schema#>>

```
SELECT COUNT(?count) {  
    SELECT ?s (count(distinct ?It) as ?count) {  
        ?s a <RDFMT1> .  
        {  
            ?s rdfs:label ?title .  
        }  
        UNION  
        {  
            ?subproperty rdfs:subPropertyOf rdfs:label .  
            ?s ?subproperty ?title .  
        }  
        BIND (LCASE(lang(?title)) as ?It)  
    }  
    GROUP BY ?s  
    HAVING ((?count > 1) && (?count < 6))  
}
```

Q15 number entities with 6 - 10 language

PREFIX rdfs: <<http://www.w3.org/2000/01/rdf-schema#>>

```
SELECT COUNT(?count) {  
    SELECT ?s (count(distinct ?It) as ?count) {  
        ?s a <RDFMT1> .  
        {  
            ?s rdfs:label ?title .  
        }  
        UNION  
        {  
            ?subproperty rdfs:subPropertyOf rdfs:label .  
            ?s ?subproperty ?title .  
        }  
        BIND (LCASE(lang(?title)) as ?It)  
    }  
    GROUP BY ?s  
    HAVING ((?count > 5) && (?count < 11))  
}
```

```
}
```

Q16 number entities with 11 - 50 language

PREFIX rdfs: <<http://www.w3.org/2000/01/rdf-schema#>>

```
SELECT COUNT(?count) {  
    SELECT ?s (count(distinct ?lt) as ?count) {  
        ?s a <RDFMT1> .  
        {  
            ?s rdfs:label ?title .  
        }  
        UNION  
        {  
            ?subproperty rdfs:subPropertyOf rdfs:label .  
            ?s ?subproperty ?title .  
        }  
        BIND (LCASE(lang(?title)) as ?lt)  
    }  
    GROUP BY ?s  
    HAVING ((?count > 10) && (?count < 51))  
}
```

Q17 number entities with > 50 language

PREFIX rdfs: <<http://www.w3.org/2000/01/rdf-schema#>>

```
SELECT COUNT(?count) {  
    SELECT ?s (count(distinct ?lt) as ?count) {  
        ?s a <RDFMT1> .  
        {  
            ?s rdfs:label ?title .  
        }  
        UNION  
        {  
            ?subproperty rdfs:subPropertyOf rdfs:label .  
            ?s ?subproperty ?title .  
        }  
    }  
}
```

```
        }  
        BIND (LCASE(lang(?title)) as ?lt)  
    }  
    GROUP BY ?s  
    HAVING (?count > 50)  
}
```