Contents

Query number 1:5 characters mostly involved in battles as attacker king	2
Query Number 2: Average number of the army that attacker Houses used to invade	3
Query Number 3: Minimum number of the army that won a pitched battle	4
Query Number 4: The biggest invader army that ever lost a battle	5
Query Number 5: 20 most popular people who were not involved in any battle (2 methods)	6
Query Number 6: Is there any house with "black" in its blazon?	8
Query Number 7: All the DISTINCT properties of the resources of type "got: battle"	9
Query Number 8: 5 characters mostly won in battles as attacker king	10
Query Number 9: region names that had the highest number of win and loss battles	11
Query Number 10: all the battles that the attacker lost despite having more soldiers	12
Query Number 11: 10 most popular characters who appear in all books and are not Nobel	13
Query Number 12: Married Members of House Targaryen whose spouse is alive and Nobel, with name	•
Query number 13 : 3 most popular novels of House Frey	15
Query number 14: nome of the Mothers with 2 or more child	16
Query number 15: all the battles of House Stark	17
Query number16: name and the house of people with ironborn culture	18
Query number 17: number of characters involved in each book ordered by count	19
Query number 18: Name all of the houses in the region where battles occurred	20

Query number 1:5 characters mostly involved in battles as attacker king

```
Number1 × 

#region names that had the highest number of win and lost battles

PREFIX rdf: <a href="http://www.w3.org/1999/02/22-rdf-syntax-ns#">http://www.w3.org/1999/02/22-rdf-syntax-ns#</a>

PREFIX got: <a href="http://www.dei.unipd.it/database2/gotOntology#">http://www.dei.unipd.it/database2/gotOntology#</a>

select ?characterName (COUNT (?battle) as ?NumberOfAttackes) where {
    ?character got:attackerKingOf ?battle;
    got:name ?characterName.

}

GROUP BY ?characterName

ORDER BY DESC (?NumberOfAttackes)

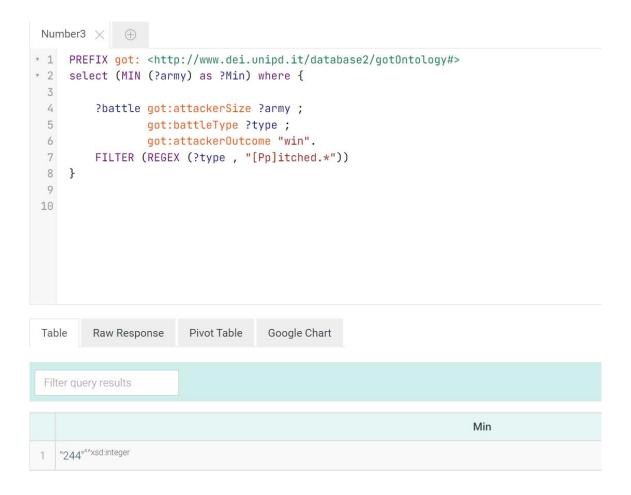
LIMIT 5
```

	characterName	NumberOfAttackes
1	"Joffrey Baratheon"	"14"^xsdinteger
2	"Tommen Baratheon"	"14"^xsd.integer
3	"Robb Stark"	"10"^^xsd.integer
4	"Balon Greyjoy"	"7"^xsd:integer
5	"Euron Greyjoy"	"7"^^xsdinteger

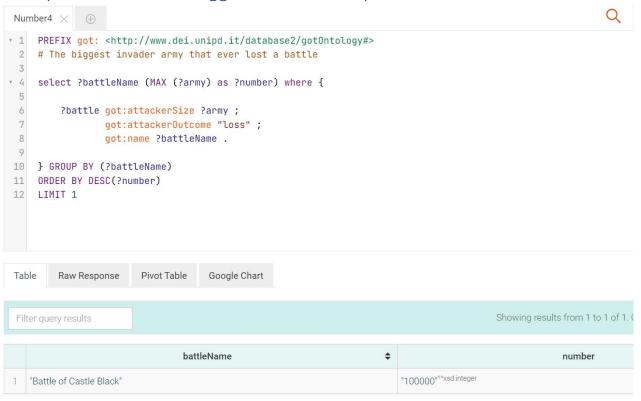
Query Number 2: Average number of the army that attacker Houses used to invade

	houseName \$	Average
1	"Lannister"	*10900*^^xsd:decimal
2	"Stark"	"5152.375"^^xsd:decimal
3	"Mormont"	"4750"^^xsd:decimal
4	"Baratheon"	"7500"^^xsd:decimal
5	"Karstark"	"4750"^^xsd:decimal
6	"Glover"	"4750"^^xsd:decimal
7	"Free folk"	"100000" ^{^^} xsd:decimal
8	"Giants"	"100000" ^{^^} xsd:decimal
9	"Thenns"	"100000" ^{^^} xsd:decimal
10	"Bracken"	"1500"^^xsd:decimal
11	"Tully"	"4625"^^xsd:decimal
12	"Frey"	"3250"^^xsd:decimal
13	"Greyjoy"	"475.5"^^xsd:decimal

Query Number 3: Minimum number of the army that won a pitched battle



Query Number 4: The biggest invader army that ever lost a battle



Page 6 of 20

Query Number 5: 20 most popular people who were not involved in any battle (2 methods)

Method 1:

```
Number5 ×
       1
                           PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
v 2
                           PREFIX got: <a href="mailto:ref">qot: <a href="mailto:yellowww.dei.unipd.it/database2/gotOntology#">prefix got: <a href="m
       3
                           PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
       5
▼ 6
                          SELECT DISTINCT ?name ?popularity where {
       7
                                                  ?character got:name ?name ;
       8
                                                                                                               got:popularity ?popularity .
v 9
                                                FILTER NOT EXISTS {
  10
                                                                         ?character ?p ?battle .
   11
                                                                         ?battle rdf:type|rdfs:type got:Battle .
                                                  }
  12
  13
                          ORDER BY DESC (?popularity)
  14
  15
                     LIMIT 20
```

Method 2:

```
Number5 × ⊕
PREFIX got: <http://www.dei.unipd.it/database2/got0ntology#>
 2 select distinct ?name ?pop where
× 3 {
      ?char got:popularity ?pop;
 4
 5
           got:name ?name .
 6
 8 MINUS
· 9 {
        ?char got:attackerCommander|got:attackerKingOf |got:defenderCommander |got:defenderKingOf ?n ;
10
            got:name ?name .
12 }
13 } order by desc(?pop)
14 limit 20
15
```

Page **7** of **20**

	name \$	
1	"Jon Snow"	"1.0"^^xsd:float
2	"Margaery Tyrell"	"1.0"^^xsd:float
3	"Petyr Baelish"	"1.0"^^xsd:float
4	"Sansa Stark"	"1.0"^^xsd:float
5	"Theon Greyjoy"	"1.0"^^xsd:float
6	"Tyrion Lannister"	"1.0"^^xsd:float
7	"Tywin Lannister"	"1.0"^^xsd:float
8	"Arya Stark"	"1.0"^^xsd:float
9	"Barristan Selmy"	"1.0"^^xsd:float
10	"Bran Stark"	"1.0"^^xsd:float
11	"Cersei Lannister"	"1.0" *^^xsd:float
12	"Daenerys Targaryen"	*1.0**^^xsd:float
13	"Eddard Stark"	"1.0" *^ xsd:float

Query Number 6: Is there any house with "black" in its blazon?

YES

Query Number 7: All the DISTINCT properties of the resources of type "got: battle"

	р	orop
1	rdf:type	
2	got:name	
3	got:attackerOutcome	
4	got:battleType	
5	got:occurredIn	
6	got:year	
7	got:location	
8	got:attackerSize	
9	got:defenderSize	

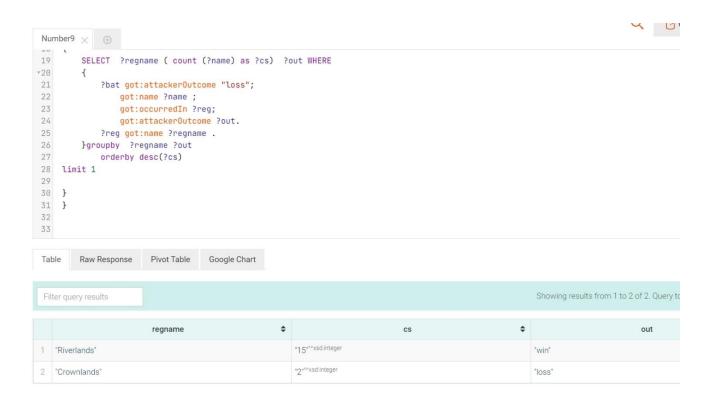
Query Number 8: 5 characters mostly won in battles as attacker king

```
Number8 ×
• 1 PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
 2 PREFIX got: <http://www.dei.unipd.it/database2/gotOntology#>
v 4 select ?characterName (COUNT (?battle) as ?Outcome) where {
 5
         ?character got:attackerKingOf ?battle ;
 6
                   got:name ?characterName.
      ?battle got:name ?battleName ;
 7
 8
                got:attackerOutcome "win"
 9
10 }
11 GROUP BY (?characterName)
12 ORDER BY DESC (?Outcome )
13 LIMIT 5
14
```

	characterName	Outcome
1	"Joffrey Baratheon"	*13*^^xsd:integer
2	"Tommen Baratheon"	*13**^xxd:integer
3	"Robb Stark"	*8*^^xsd.integer
4	"Balon Greyjoy"	*7*^^xsd:integer
5	"Euron Greyjoy"	*7*^^xsd:integer

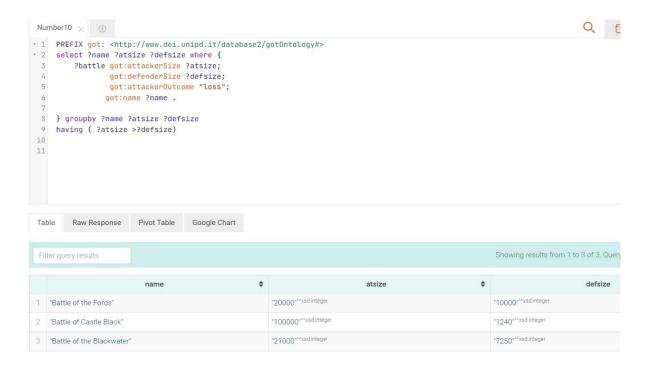
Page **11** of **20**

Query Number 9: region names that had the highest number of win and loss battles



Page 12 of 20

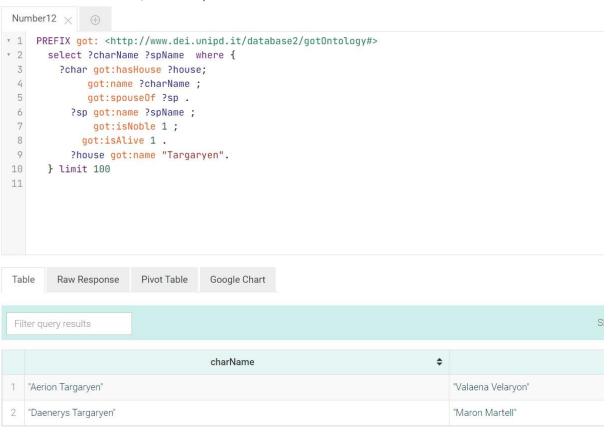
Query Number 10: all the battles that the attacker lost despite having more soldiers



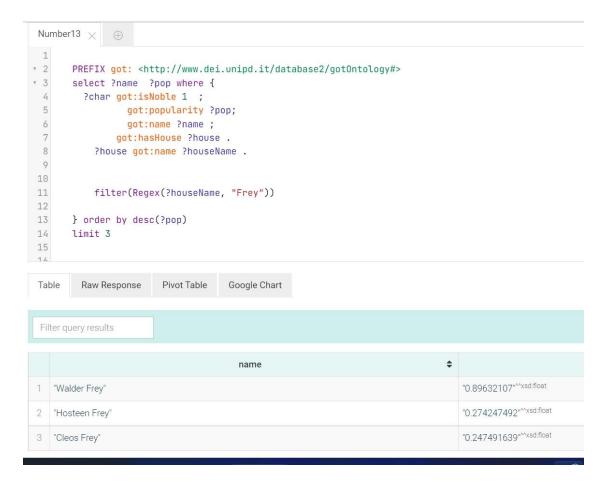
Query Number 11: 10 most popular characters who appear in all books and are not Nobel

	name	
1	"Samwell Tarly"	"0.969899666" AAxsd:float
2	"Sandor Clegane"	"0.695652174" ^{AA} XSd:float
3	"Merrett Frey"	"0.434782609"^^xsd:float
4	"Jeyne Poole"	"0.384615385"^^xsd:float
5	"Luwin"	"0.351170569"^^xsd:float
6	"Podrick Payne"	"0.2909699"^^xsd:float
7	"Shae"	"0.2909699"^^xsd:float
8	"Willas Tyrell"	"0.2909699"^^xsd:float
9	"Edric Storm"	"0.284280936" Anxsd:float
10	"Osha"	"0.25083612"^^xsd:float

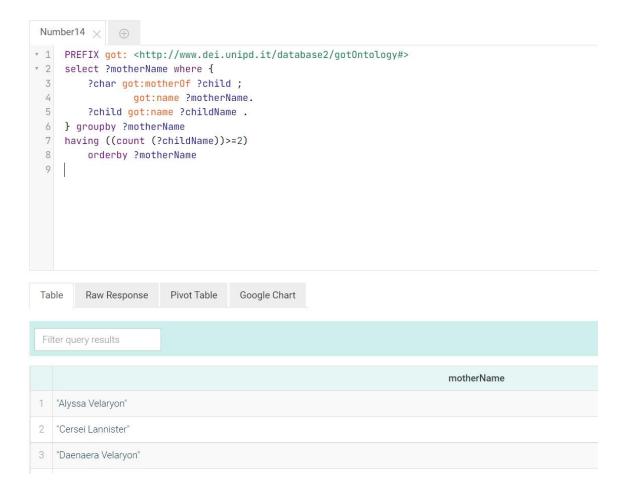
Query Number 12: Married Members of House Targaryen whose spouse is alive and Nobel, with spouse name



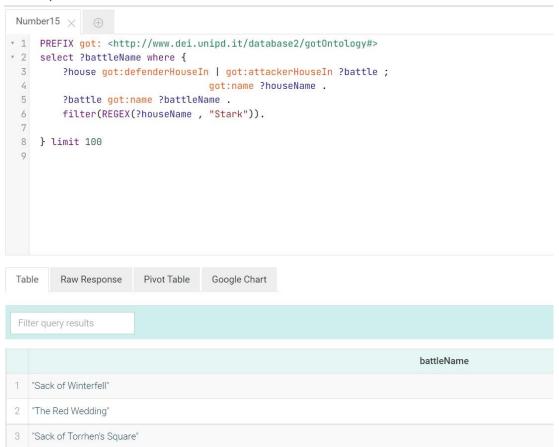
Query number 13:3 most popular novels of House Frey



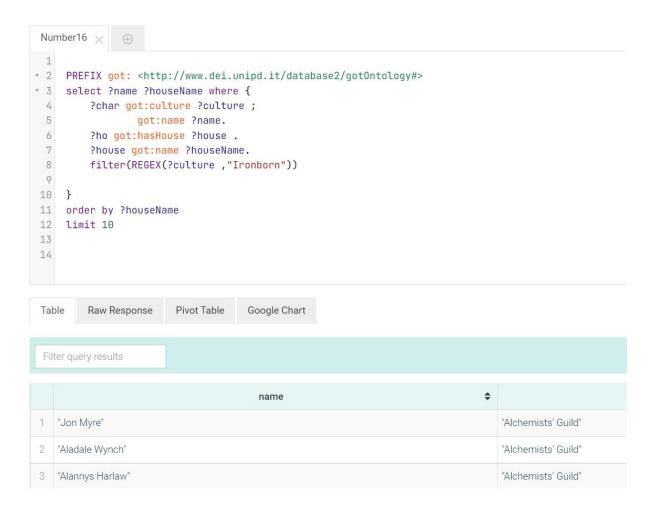
Query number 14: name of the Mothers with 2 or more child



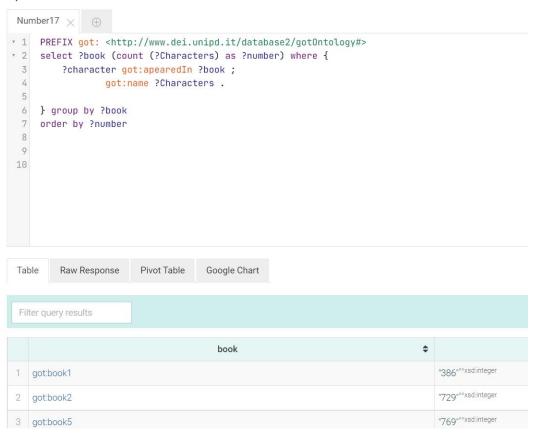
Query number 15: all the battles of House Stark



Query number16: name and the house of people with ironborn culture



Query number 17: number of characters involved in each book ordered by count



Query number 18: Name all of the houses in the region where battles occurred

