# STEPS FOR GO TERMS ASSOCIATION ANALYSIS EXPERIMENTS

1. Create a matrix for genes and associated generalized concepts →

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Gene | Concept 1 | Concept 2 | … | Concept n |
| gene1 | c1 | c2 |  | cn |
|  |  |  |  |  |

Also create a R list with these concepts.

2. Write this matrix to file “concepts\_BP\_thres\_3.txt”, etc

3. Rules are created from this.

Number of concepts:

|  |  |
| --- | --- |
| Ontology | Number |
| BP | 3074 |
| MF | 1510 |
| CC | 3688 |

Number of rules with cutoff : supp = 0.001, conf = 0.8

|  |  |
| --- | --- |
| Ontology | Number |
| BP | 136 |
| MF | 381 |
| CC | 477 |