

Uniprot export : statistics

Total interactions : 274,495 non clustered binary interactions in mitab

1) Export based on mi score (new rules) :

a) Context

- spoke expanded are accepted
- no negative interactions
- only uniprot proteins
- no intramolecular interactions (but sel interactions protein1-protein1 are accepted)

b) Results

After filtering (filters low confidence interactions, non uniprot proteins) and clustering

176,049 clustered PPI binary interactions

After applying the rules (score threshold = x.xx and each clustered binary interactions must have at least one evidence of true binary interaction which is not colocalization) :

Score Threshold	Interactions exported
0.4	21148
0.41	21142
0.42	13071
0.43	13045

2) Export based on detection method (old rules) :

a) Context

- spoke expanded are not accepted
- no negative interactions
- only uniprot proteins
- no intramolecular interactions (but sel interactions protein1-protein1 are accepted)

b) Results

After filtering (filters low confidence interactions, non uniprot proteins and spoke expanded interactions) and clustering

89,336 clustered PPI binary interactions

After applying the rules (on each interaction detection method)

19,133 exported PPI interactions

3) Comparison :

Score Threshold	Exported by both rules	Only exported with old rules (excluded by new rules)	Only exported with new rules (excluded by old rules)
0.4	16425	2708	4723
0.41	16423	2710	4719
0.42	9700	9433	3371
0.43	9678	9455	3367