

MetaNetX Reactions Summary

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Intro

A summary of the raw tables downloaded from MetaNetX.

Properties

Table 1: The number of reactions with properties in MetaNetX.

Number of Reactions	with EC number	balanced	transport
74,479	37,311	33,000	9,590

Table 2: The percentage of reactions with information in MetaNetX.

Percent of Reactions	with EC number	balanced	transport
100.00%	50.10%	44.31%	12.88%

Table 3: Overall number of identifiers and of unique source namespaces.

Identifiers	Unique Namespaces
74,479	7

Table 4: Number of identifiers per source namespace.

Namespace	Frequency
bigg.reaction	17,791
kegg.reaction	6,393
metacyc.reaction	4,841

Namespace	Frequency
metanetx.reaction	2
rhea	12,469
sabiork.reaction	6,214
seed.reaction	26,769

Cross-References

Table 5: Overall number of identifiers and of unique source namespaces.

Identifiers	Unique Namespaces
345,260	7

Table 6: Number of identifiers per source namespace.

Namespace	Frequency
bigg.reaction	84,510
kegg.reaction	22,320
metacyc.reaction	34,396
metanetx.reaction	4
rhea	100,084
sabiork.reaction	16,236
seed.reaction	87,710

Deprecated MetaNetX Identifiers

Table 7: The total number of current identifiers with deprecated identifiers.

Number of Current	Number of Deprecated
43357	61526

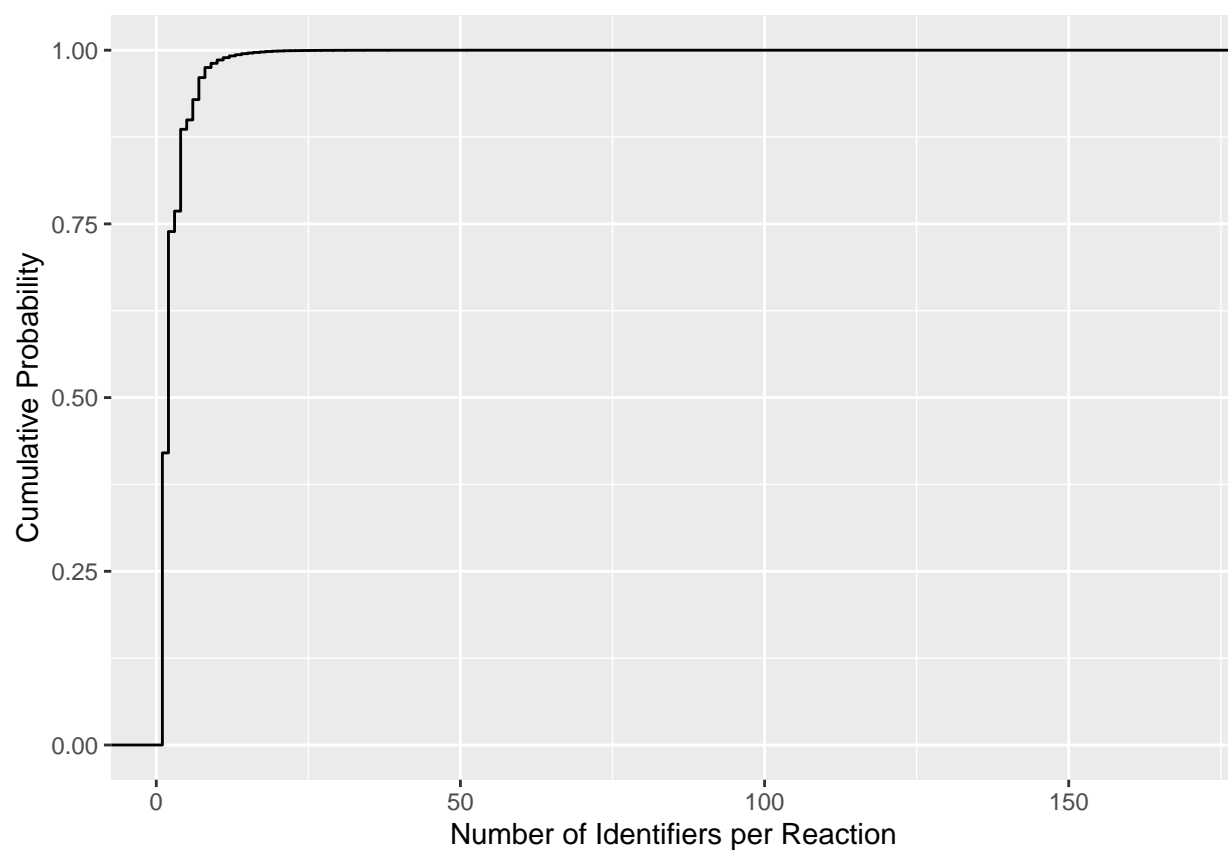


Figure 1: The empirical cumulative distribution function (eCDF) of the number of distinct identifiers per reaction.

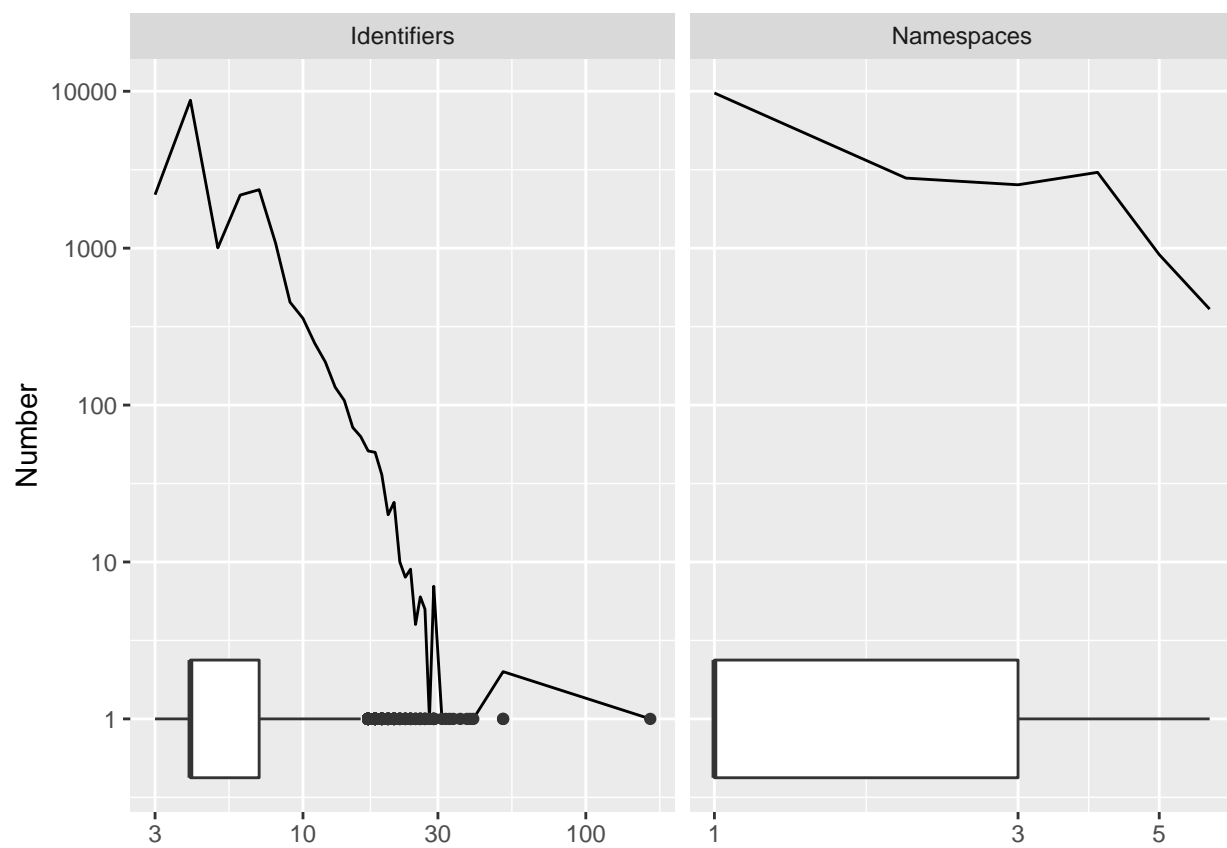


Figure 2: The number of identifiers per reaction and the number of unique source namespaces per reaction. Only reactions that have more than two identifiers are included.

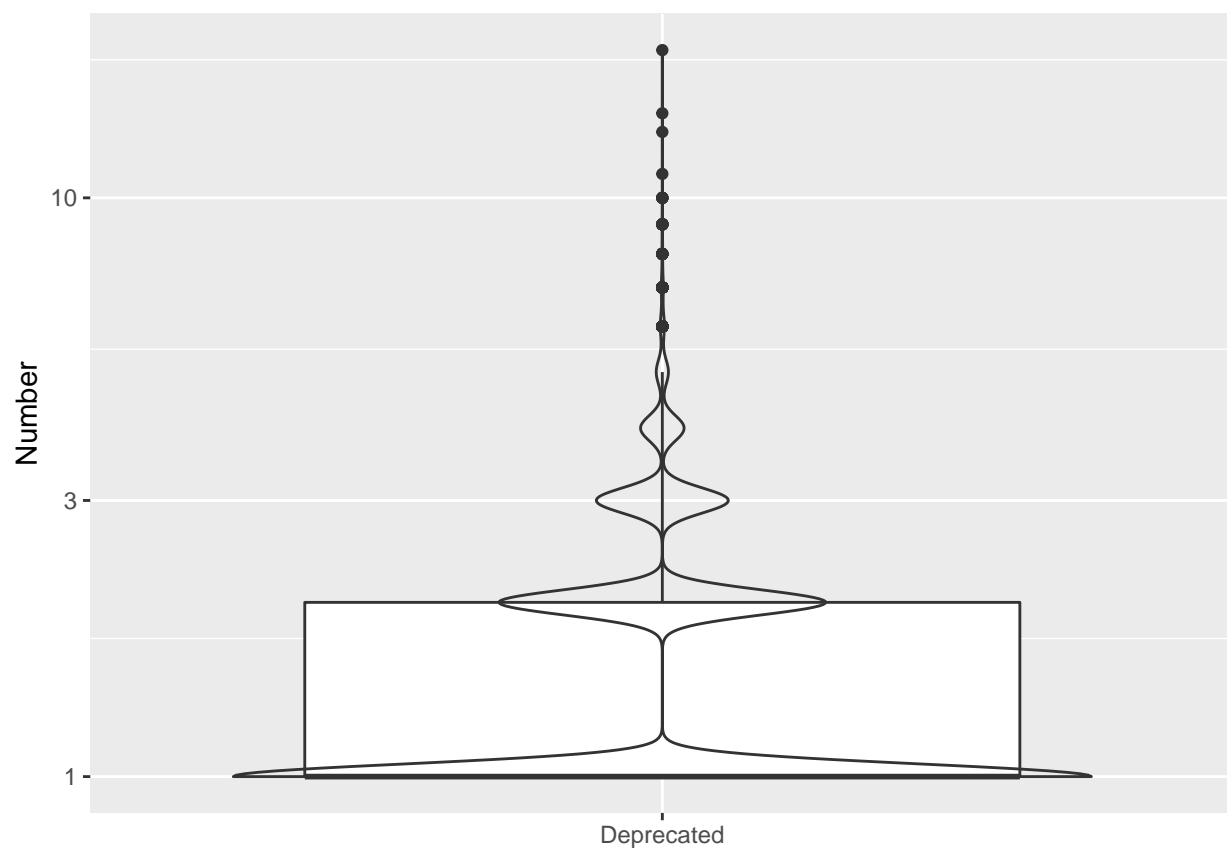


Figure 3: Number of deprecated MNX identifiers per reaction.