

MetaNetX Reactions Summary

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Intro

A summary of the raw tables downloaded from MetaNetX.

Properties

Table 1: The number of reactions and sources for them in MetaNetX.

| Number of Reactions | with EC number | balanced | transport | Number of Namespaces |
|---------------------|----------------|----------|-----------|----------------------|
| 74,479 | 37,311 | 33,000 | 9,590 | 7 |

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: The source namespaces from which reactions are included in MetaNetX.

| Namespace | Frequency |
|-------------------|-----------|
| bigg.reaction | 17,791 |
| kegg.reaction | 6,393 |
| metacyc.reaction | 4,841 |
| metanetx.reaction | 2 |
| rhea | 12,469 |
| sabiork.reaction | 6,214 |
| seed.reaction | 26,769 |

Cross-References

Table 4: reactions with cross-references to other databases.

| Number of reactions | Number of Namespaces |
|---------------------|----------------------|
| 74,479 | 7 |

Table 5: The namespaces to which cross-references from MetaNetX are established.

| 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 |

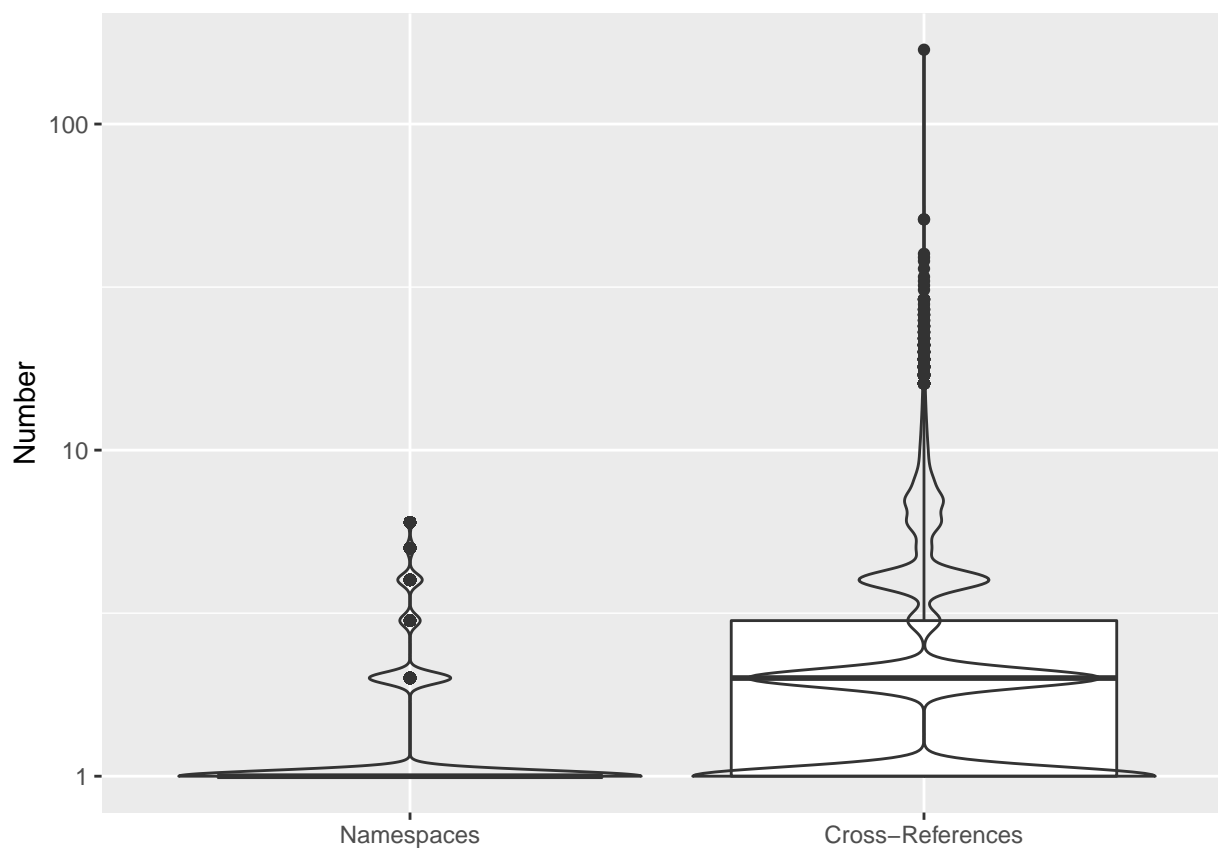


Figure 1: Number of namespaces and cross-references per reaction in MetaNetX.

Deprecated MetaNetX Identifiers

Table 6: The total number of reactions and how many deprecated identifiers there are.

| Number of Reactions | Number of Deprecated Identifiers |
|---------------------|----------------------------------|
| 43,357 | 61,526 |

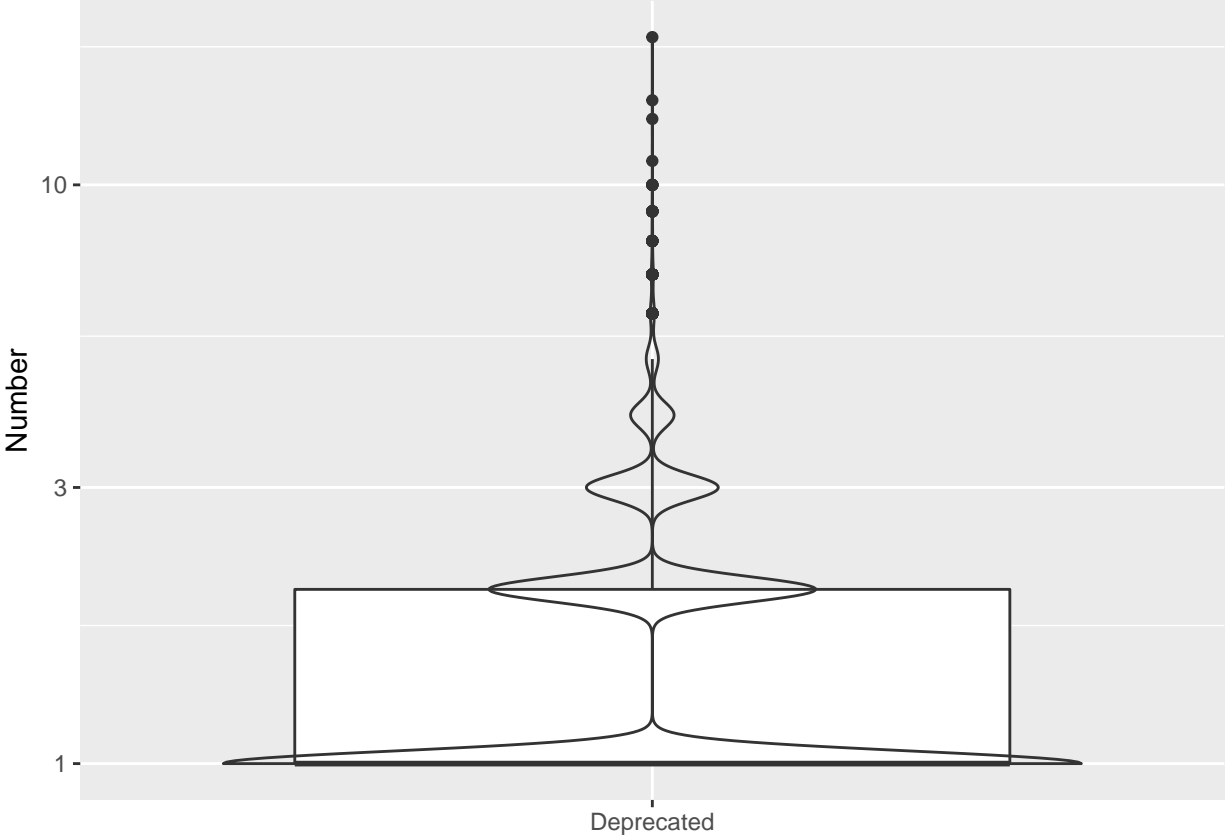


Figure 2: Number of deprecated MNX identifiers per reaction.