Exclude and Restrict to UMLS Sources

Exclude Sources
If certain UMLS Source Vocabularies are not useful for your research or produce undesirable results, MetaMap will ignore those sources if called with the `--exclude_sources` or `-e` command-line option. E.g., to exclude strings from NDFRT and RxNorm, call MetaMap with

`-e NDFRT,RXNORM`

Restrict to Sources
Conversely, if your research is focused exclusively on certain sources, MetaMap will restrict its results to those sources if called with the `--restrict_to_sources` or `-R` command-line option. E.g., to restrict results to MeSH and SNOMED_CT, call MetaMap with

`-R MSH,SNOMED_CT`

The names of the Source Vocabularies called with `-e` and `-R` are case sensitive.

A list of UMLS Source Vocabularies and documentation on the Source Vocabularies is available here.