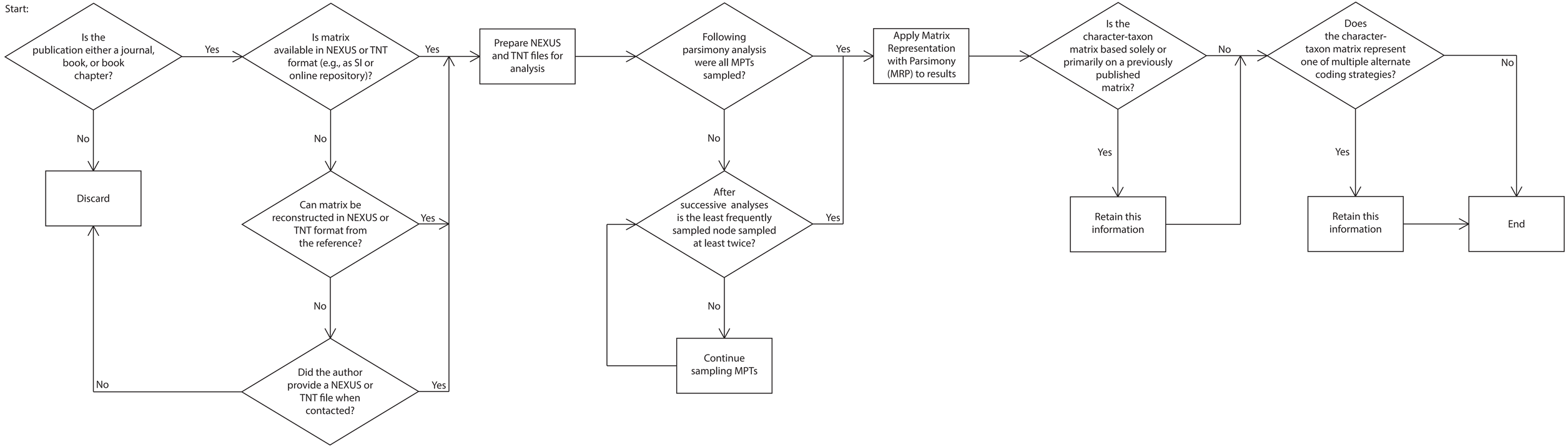
Start:
Is the publication either a journal, book, or book chapter?
Yes
No
Discard
Is matrix available in NEXUS or TNT format (e.g., as SI or online repository)?
Yes
No
Can matrix be reconstructed in NEXUS or TNT format from the reference?
Yes
No
Did the author provide a NEXUS or TNT file when contacted?
Yes
No
Prepare NEXUS and TNT files for analysis
Following parsimony analysis were all MPTs sampled?
Yes
No
After successive analyses is the least frequently sampled node sampled at least twice?
Yes
No
Continue sampling MPTs
Apply Matrix Representation with Parsimony (MRP) to results
Is the character-taxon matrix based solely or primarily on a previously published matrix?
No
Yes
Retain this information
Does the character-taxon matrix represent one of multiple alternate coding strategies?
No
Yes
Retain this information
End