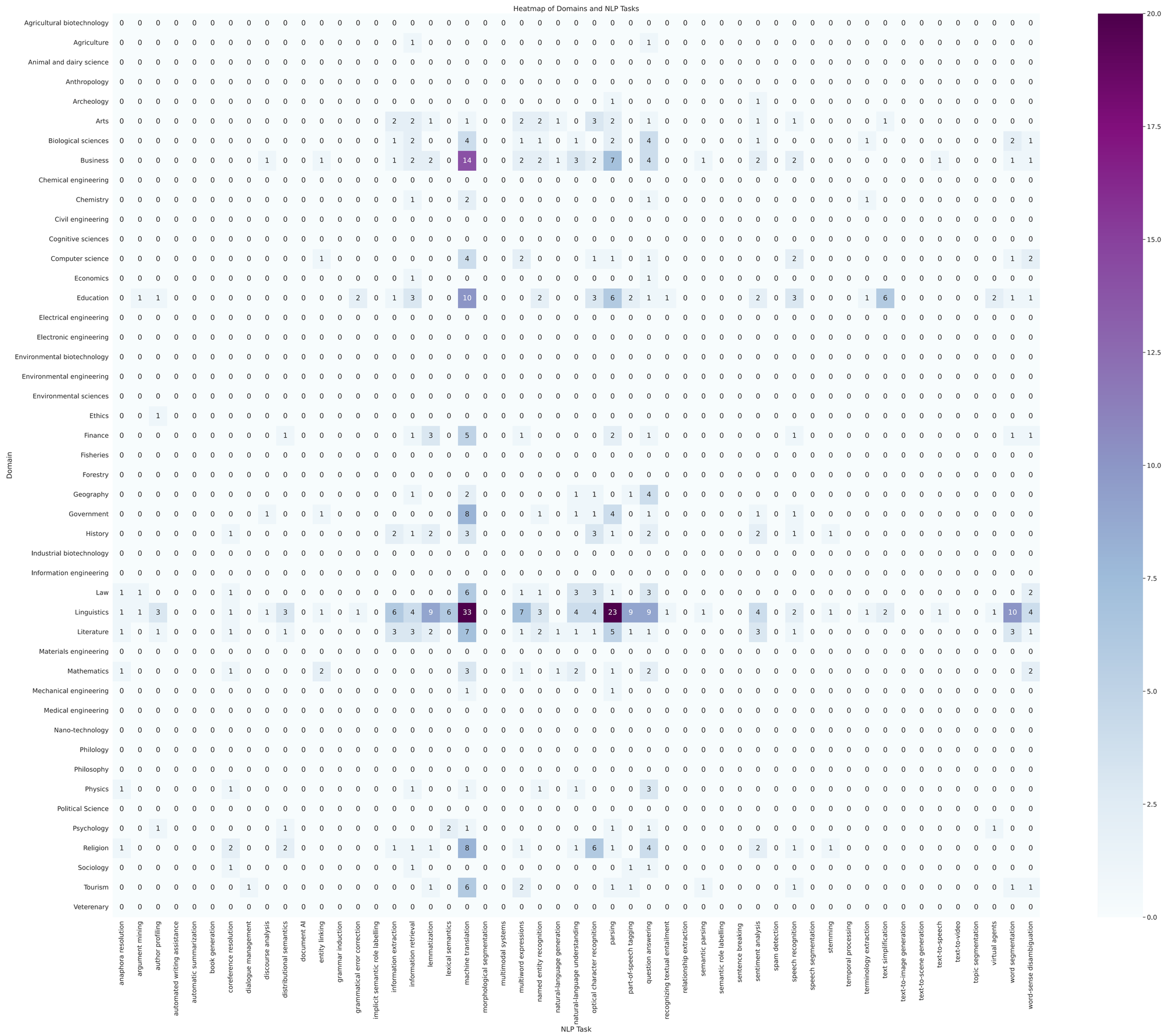
Heatmap of Domains and NLP Tasks
Domain
NLP Task
Agricultural biotechnology
Agriculture
Animal and dairy science
Anthropology
Archeology
Arts
Biological sciences
Business
Chemical engineering
Chemistry
Civil engineering
Cognitive sciences
Computer science
Economics
Education
Electrical engineering
Electronic engineering
Environmental biotechnology
Environmental engineering
Environmental sciences
Ethics
Finance
Fisheries
Forestry
Geography
Government
History
Industrial biotechnology
Information engineering
Law
Linguistics
Literature
Materials engineering
Mathematics
Mechanical engineering
Medical engineering
Nano-technology
Philology
Philosophy
Physics
Political Science
Psychology
Religion
Sociology
Tourism
Veterenary
anaphora resolution
argument mining
author profiling
automated writing assistance
automatic summarization
book generation
coreference resolution
dialogue management
discourse analysis
distributional semantics
document AI
entity linking
grammar induction
grammatical error correction
implicit semantic role labelling
information extraction
information retrieval
lemmatization
lexical semantics
machine translation
morphological segmentation
multimodal systems
multiword expressions
named entity recognition
natural-language generation
natural-language understanding
optical character recognition
parsing
part-of-speech tagging
question answering
recognizing textual entailment
relationship extraction
semantic parsing
semantic role labelling
sentence breaking
sentiment analysis
spam detection
speech recognition
speech segmentation
stemming
temporal processing
terminology extraction
text simplification
text-to-image generation
text-to-scene generation
text-to-speech
text-to-video
topic segmentation
virtual agents
word segmentation
word-sense disambiguation
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0