Heatmap of Domains and NLP Tasks																																										
Agricultural biotechnology	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0					$0 \qquad ($		0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		20.0
Agriculture	0	0	0	0 0) 0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		
Animal and dairy science	0	0	0	0 0) 0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		
Anthropology	0	0	0	0 0) 0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		
Archeology	0	0	0	0 0) 0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		
	0					0		0	0		0 0		0		0	0		0	0	0		1	0 (0	0	0 (0 0	0	0	1	0	0	0			1		0	0	0		
Biological sciences			0	0 0) 0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 () 0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		- 17.5
Business				0 0) 0	0	0	0	0	0	0 0	0	0	0 () 0	0	0	0 0	0	0 () 0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0				
Chemical engineering		0	0	0 0) ()	0	0	0	0	0	0 0	0	0	0 (0	0	0		0	0 (0		0 0		0 (0 0		0 0	0	0	0 0	0	0	0 0	0	0		0 0			
Chemistry		0	0	0 0) ()) O	0	0	0	0	0 0	0	0	0 () ()	0	0	0 0	0	0 () ()	0	0 (0 0	0	0 (o o	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		
Civil engineering			0	0 0) O) O	0	0	0	0	0 0	0	0	0 () O	0	0		J			O		0	0	0 (o o	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		
Cognitive sciences		0	0	0 0) 0		0	0	0	0	0 0	0	0	0 () 0		0		0			0		0 0	J	0 (o o	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		15.0
_		0	0	0 0) 0) 0	0	0	0	0	0 0	0	0	0 () 0	· ·	O		J	0 (0		0 0	Ü	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		- 15.0
Computer science		0	0	0 0) 0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 () 0	0	0 (-	0 (0	0	0 0	0	0	0 0	0	0	0 0	0	0					
Economics		0	U	0 0	, 0		U	0	0	U	0 0	U	0	0 (0	0	U	0 0	0	0 () 0	0	0 (0 0		0 (0	0	0 0	0	0	0 0	0	U	0 0	0	U		0 0			
Education		0	_			0		0	0		0 0		0		0	0			0			_	0 1		0	0 (0 0	0	0	1	0	0	0			0		0	0			
Electrical engineering	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0) 0	0		
Electronic engineering	0	0	0	0 0) 0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0) 0	0		- 12.5
Environmental biotechnology	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		12.5
Environmental engineering	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0) 0	0		
Environmental sciences	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		
Ethics	0	0				0		0	0		0 0		0		0	0		0	0	0		0	0 (0	0	0 (0 0	0	0	0	0	0	0			0		0	0	0		
Finance	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		
Fisheries	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0) 0	0		- 10.0
Forestry	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0) 0	0		10.0
Geography	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		
Government	0	0				0		0	0		0 0		0		0	0		0	0	0		0	0 (0	0	0 (0 0	0	0	0	0	0	0			0		0	0	0		
History	0	0				0		0	0		0 0		0		0	0		0	0	0		1	0 (0	0	0 (0 0	0	0	1	0	0	0			1		0	0	0		
Industrial biotechnology	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0) 0	0		
Information engineering	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0) 0	0		- 7.5
Law	0	0				0		0	0		0 0		0		0	0		0	0	0		0	0 (0	0	0 (0 0	0	0	0	0	0	0			0		0	0	0		
Linguistics	0	0		0 0) 0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	2	0 1	1 1	0	0 (0 0	0	0	2	0	0 0	0	0	0 0	1	0	0	0	0		
Literature	0	0				0		0	0		0 0		0		0	0		0	0	0		0	1 (0	0	0 (0 0	0	0	0	0	0	0			0		0	0	0		
Materials engineering	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0) 0	0		
Mathematics	0	0	0	0 0) 0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		
Mechanical engineering	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		-5.0
Medical engineering	0	0	0	0 0) 0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		
Nano-technology	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		
Philology	0	0	0	0 0) 0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		
Philosophy	0	0				0		0	0		0 0		0		0	0		0	0	0		0	0 (0	0	0 (0 0	0	0	0	0	0	0			0		0	0	0		
Physics	0	0	0	0 0) 0	0 0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 () 0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		
Political Science	0	0	0	0 0) 0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 (0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		-2.5
Psychology	0	0	0	0 0) 0	0	0	0	0	0	0 0	0	0	0 (0	0	0	0 0	0	0 () 0	0	0 (0 0	0	0 (0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0		
Religion								0	0		0 0																		0													
Sociology			0	0 0) 0			0	0	0				0 (0		_	0	0 0	0	_	0 0		0	0 0	0			0 0			
Tourism								0	0	0	0 n					· ·												· ·	0 0	0	· ·			0	0 0	0						
Veterenary								0	0	0	0 0																															
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	anaphora resolutio	argument minin	author profilin	nated writing assistanc utomatic summarizatio	book generatio	coreference resolutio	dialogue managemer	discourse analys	distributional semantic	document	entity linkin grammar inductio	al error o	it semantic role labellin	information extraction information retrieve	lemmatizatio	lexical semantic	machine translatio	onological segmentatio multimodal system	multiword expressior	named entity recognition	language understandin	cal character recognitio	_	part-or-speech taggin question answerin	nizing textual entailmer	relationship extractio	semantic role labellin	sentence breaking	sentiment analys spam detectio	speech recognitio	speech segmentatio	stemmin temporal processin	terminology extractio	text simplificatio	ext-to-image generatio :ext-to-scene generatio	text-to-speec	text-to-vide	topic segmentatio	word segmentatio	rd-sense disambiguatio		