

Lab-1 Assignment

Zhaobin Zhang

Class ID: 13

Abstract #	Title	Word Count	#Words (Verified by WordNet)	#Medical Words (Verified by Bioportal / BioNLP) All (Gene/Species/etc)
1	Randomized trial of lobectomy versus limited resection for T1 N0 non-small cell lung cancer	245	2	1
2	Somatic genome alterations in relation to age in lung squamous cell carcinoma	144	1	2
3	Surgical Resection Versus Stereotactic Body Radiation Therapy for Stage I NSCLC: Can Randomized Trials Provide the Solution?	120	3	2
4	Novel strategies to prevent the development of multidrug resistance (MDR) in cancer	243	1	1
5	Targeting BRAF Mutations in High-Grade Neuroendocrine Carcinoma of the Colon	111	4	1

Abstract 1

Type	Count	Examples (Even List all words Depending on the Size)
POS : Noun	2	Cancer, lung
POS:Verb	3	Detected, push, review
NER : Name	1	cancer
Triplet	1	we review the challenges

Medical Words: Gene	1	cancer
---------------------	---	--------

Abstract 2

Type	Count	Examples (Even List all words Depending on the Size)
POS : Noun	1	lung
POS:Verb	1	Report
NER : Name	2	Lung, treatment
Triplet	0	
Medical Words: Gene	2	Disease, abdominal

Abstract 3

Type	Count	Examples (Even List all words Depending on the Size)
POS : Noun	3	Cancer, genome, age
POS:Verb	2	Detected, perform
NER : Name	2	Cancer, genome
Triplet	0	
Medical Words: Gene	2	Cancer, genome

Abstract 4

Type	Count	Examples (Even List all words Depending on the Size)
POS : Noun	1	Data
POS:Verb	2	Decrease, enhanced
NER : Name	1	Cancer
Triplet	0	
Medical Words: Gene	1	Cancer

Abstract 5

Type	Count	Examples (Even List all words Depending on the Size)
POS : Noun	4	Mutations, language, categories, treatment
POS:Verb	2	Evaluate, examine
NER : Name	1	Natural language processing
Triplet	0	
Medical Words: Gene	1	treatment