

## Appendix 1

## PubMed

- 5 (((#1) AND (#2)) AND (#3)) AND (("2012/11"[Date - Publication] : "2022/11"[Date - Publication]))  
 ("carcinoma, non small cell lung"[MeSH Terms] OR "carcinoma non small cell lung"[Title/Abstract] OR "carcinomas  
 non small cell lung"[Title/Abstract] OR "lung carcinoma non small cell"[Title/Abstract] OR "lung carcinomas non small  
 cell"[Title/Abstract] OR "non small cell lung carcinomas"[Title/Abstract] OR "non small cell lung carcinoma"[Title/  
 Abstract] OR "non small cell lung carcinoma"[Title/Abstract] OR "non small cell lung carcinoma"[Title/Abstract]  
 OR "nonsmall cell lung cancer"[Title/Abstract] OR "carcinoma non small cell lung"[Title/Abstract] OR "non  
 small cell lung cancer"[Title/Abstract]) AND ("prognosis"[MeSH Terms] OR "Prognoses"[Title/Abstract] OR  
 "prognostic factors"[Title/Abstract] OR "prognostic factor"[Title/Abstract]) AND ("radiomic\*"[Title/Abstract] OR  
 "quantitative imaging"[Title/Abstract] OR "textur\*"[Title/Abstract] OR "image analysis"[Title/Abstract]) AND  
 2012/11/01:2022/11/30[Date - Publication] 239
- 4 ((#1) AND (#2)) AND (#3) ("carcinoma, non small cell lung"[MeSH Terms] OR "carcinoma non  
 small cell lung"[Title/Abstract] OR "carcinomas non small cell lung"[Title/Abstract] OR "lung carcinoma non small  
 cell"[Title/Abstract] OR "lung carcinomas non small cell"[Title/Abstract] OR "non small cell lung carcinomas"[Title/  
 Abstract] OR "non small cell lung carcinoma"[Title/Abstract] OR "non small cell lung carcinoma"[Title/Abstract] OR  
 "non small cell lung carcinoma"[Title/Abstract] OR "nonsmall cell lung cancer"[Title/Abstract] OR "carcinoma non  
 small cell lung"[Title/Abstract] OR "non small cell lung cancer"[Title/Abstract]) AND ("prognosis"[MeSH Terms]  
 OR "Prognoses"[Title/Abstract] OR "prognostic factors"[Title/Abstract] OR "prognostic factor"[Title/Abstract])  
 AND ("radiomic\*"[Title/Abstract] OR "quantitative imaging"[Title/Abstract] OR "textur\*"[Title/Abstract] OR "image  
 analysis"[Title/Abstract]) 257
- 3 (((radiomic\*[Title/Abstract]) OR (quantitative imaging[Title/Abstract])) OR (textur\*[Title/Abstract])) OR (image  
 analysis[Title/Abstract]) "radiomic\*"[Title/Abstract] OR "quantitative imaging"[Title/Abstract]  
 OR "textur\*"[Title/Abstract] OR "image analysis"[Title/Abstract] 100,269
- 2 (((Prognosis[MeSH Terms]) OR (Prognoses[Title/Abstract])) OR (prognostic Factors[Title/Abstract])) OR (Prognostic  
 Factor[Title/Abstract]) "prognosis"[MeSH Terms] OR "Prognoses"[Title/Abstract] OR  
 "rognostic factors"[Title/Abstract] OR "prognostic factor"[Title/Abstract] 1,904,335
- 1 (((((((((((Carcinoma, Non-Small-Cell Lung[MeSH Terms]) OR (Carcinoma, Non Small Cell Lung[Title/Abstract])) OR  
 (Carcinomas, Non-Small-Cell Lung[Title/Abstract])) OR (Lung Carcinoma, Non-Small-Cell[Title/Abstract])) OR (Lung  
 Carcinomas, Non-Small-Cell[Title/Abstract])) OR (Non-Small-Cell Lung Carcinomas[Title/Abstract])) OR (Non-  
 Small Cell Lung Carcinoma[Title/Abstract])) OR (Non-Small-Cell Lung Carcinoma[Title/Abstract])) OR (Non Small  
 Cell Lung Carcinoma[Title/Abstract])) OR (Nonsmall Cell Lung Cancer[Title/Abstract])) OR (Carcinoma, Non-Small  
 Cell Lung[Title/Abstract])) OR (Non-Small Cell Lung Cancer[Title/Abstract]) "carcinoma,  
 non small cell lung"[MeSH Terms] OR "carcinoma non small cell lung"[Title/Abstract] OR "carcinomas non small cell  
 lung"[Title/Abstract] OR "lung carcinoma non small cell"[Title/Abstract] OR "lung carcinomas non small cell"[Title/  
 Abstract] OR "non small cell lung carcinomas"[Title/Abstract] OR "non small cell lung carcinoma"[Title/Abstract] OR  
 "non small cell lung carcinoma"[Title/Abstract] OR "non small cell lung carcinoma"[Title/Abstract] OR "nonsmall cell  
 lung cancer"[Title/Abstract] OR "carcinoma non small cell lung"[Title/Abstract] OR "non small cell lung cancer"[Title/  
 Abstract] 93,507

## Embase

SEARCH QUERY (((('carcinoma,'/exp OR carcinoma,) AND 'non small cell' AND ('lung'/exp OR lung)) OR  
 (carcinoma, AND non AND small AND cell AND lung) OR (carcinomas, AND 'non small cell' AND lung) OR (lung  
 AND carcinoma, AND 'non small cell') OR ('non small' AND cell AND lung AND carcinoma) OR (non AND small  
 AND cell AND lung AND carcinoma) OR (nonsmall AND cell AND lung AND cancer) OR ('non small' AND cell

AND lung AND cancer)) AND (prognosis OR prognoses OR (prognostic AND factors) OR (prognostic AND factor)))  
 AND ((quantitative AND imaging) OR textur\* OR (image AND analysis) OR radiomic\*)

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2022	175
2021	140
2020	129
2019	132
2018	131
2017	89
2016	78
2015	56
2014	44
2013	41
2012	35
total	1050

*The Cochrane Library*

ID	Search	Hits
#1	MeSH descriptor: [Carcinoma, Non-Small-Cell Lung] explode all trees	6629
#2	(Non Small Cell Lung Carcinoma):ti,ab,kw OR (Lung Carcinoma, Non-Small-Cell):ti,ab,kw OR (Non-Small-Cell Lung Carcinoma):ti,ab,kw OR (Lung Carcinomas, Non-Small-Cell):ti,ab,kw OR (Nonsmall Cell Lung Cancer):ti,ab,kw OR (Carcinomas, Non-Small-Cell Lung):ti,ab,kw OR (Non-Small Cell Lung Cancer):ti,ab,kw OR (Non-Small-Cell Lung Carcinomas):ti,ab,kw OR (Carcinoma, Non Small Cell Lung):ti,ab,kw OR (Carcinoma, Non-Small Cell Lung):ti,ab,kw OR (Non-Small Cell Lung Carcinoma):ti,ab,kw	16876
#3	#1OR#2	16876
#4	MeSH descriptor: [Prognosis] explode all trees	225040
#5	(Prognostic):ti,ab,kw OR(Prognostic Factors):ti,ab,kw OR(Prognostic Factor):ti,ab,kw OR(Factors, Prognostic):ti,ab,kw OR(Prognoses)	59068
#6	#4OR#5	257340
#7	(radiomic*):ti,ab,kw OR (quantitative imaging):ti,ab,kw OR (textur*):ti,ab,kw OR(image analysis):ti,ab,kw	16812
#8	#3AND#6AND#7	82