

## Appendix 1

**Supplementary Table 1: Search strategy in PubMed (2017 November 7<sup>th</sup>)**

#	Query	Results
#4	#1 AND #2 AND #3	670
#3	"Recurrence"[Mesh] OR "Neoplasm Recurrence, Local"[Mesh] OR "Salvage Therapy"[Mesh] OR recurren*[tiab] OR relaps*[tiab] OR salvage*[tiab]	717485
#2	"Radiosurgery"[Mesh] OR "Stereotaxic Techniques"[Mesh:noexp] OR SBRT[tiab] OR SABR[tiab] OR radiosurg*[tiab] OR stereota*[tiab]	41881
#1	NSCLC*[tiab] OR "Lung Neoplasms"[Mesh] OR lung neoplasm*[tiab] OR lung cancer*[tiab] OR lung carcinoma*[tiab] OR pulmonary neoplasm*[tiab] OR pulmonary cancer*[tiab] OR pulmonary carcinoma*[tiab]	246973

**Supplementary Table 2: Search strategy in Embase (2017 November 7<sup>th</sup>)**

#	Query	Results
#4	#1 AND #2 AND #3	2146
#3	'recurrent disease'/exp OR 'tumor recurrence'/exp OR 'salvage therapy'/exp OR recurren*:ti,ab OR relaps*:ti,ab OR salvage*:ti,ab	970967
#2	'radiosurgery'/exp OR 'stereotactic procedure'/exp OR sbrt:ti,ab OR sabr:ti,ab OR radiosurg*:ti,ab OR stereota*:ti,ab	87568
#1	'non small cell lung cancer'/exp OR nsclc*:ti,ab OR 'lung tumor'/exp OR 'lung neoplasm*':ti,ab OR 'lung cancer*':ti,ab OR 'lung carcinoma*':ti,ab OR 'pulmonary neoplasm*':ti,ab OR 'pulmonary cancer*':ti,ab OR 'pulmonary carcinoma*':ti,ab	378859

**Supplementary Table 3: Search strategy in the Cochrane Library (2017 November 7<sup>th</sup>)**

#	Query	Results
#4	#1 and #2 and #3	31
#3	recurren*:ti,ab,kw or relaps*:ti,ab,kw or salvage*:ti,ab,kw	62696
#2	sbrt:ti,ab,kw or sabr:ti,ab,kw or radiosurg*:ti,ab,kw or stereota*:ti,ab,kw	1243
#1	nslc*:ti,ab,kw or "lung neoplasm*":ti,ab,kw or "lung cancer*":ti,ab,kw or "lung carcinoma*":ti,ab,kw or "pulmonary neoplasm*":ti,ab,kw or "pulmonary cancer*":ti,ab,kw or "pulmonary carcinoma*":ti,ab,kw	13103