# Table S1 Literature search strategy

# 1.Pubmed

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| Search number | Query | Results |
| #1 | "Minors"[Mesh] | 2834 |
| #2 | (((((((((((((((((((Minor[Title/Abstract]) OR (child[Title/Abstract])) OR (children[Title/Abstract])) OR (juvenile[Title/Abstract])) OR (Childhood[Title/Abstract])) OR (adolescent[Title/Abstract])) OR (Adolescents[Title/Abstract])) OR (Adolescence[Title/Abstract])) OR (Teens[Title/Abstract])) OR (Teen[Title/Abstract])) OR (Teenagers[Title/Abstract])) OR (Teenager[Title/Abstract])) OR (Youth[Title/Abstract])) OR (Youths[Title/Abstract])) OR (Younger[Title/Abstract])) OR (Pediatrics[Title/Abstract])) OR (Pediatric[Title/Abstract])) OR (Infants[Title/Abstract])) OR (Infant[Title/Abstract])) OR (Infantile[Title/Abstract]) | 2880560 |
| #3 | #1 or #2 | 2881991 |
| #4 | Scoliosis"[Mesh] | 21059 |
| #5 | ((Scolioses[Title/Abstract]) OR (kyphoscoliosis[Title/Abstract])) OR (kyfoscoliosis[Title/Abstract]) | 2219 |
| #6 | #4 or #5 | 22203 |
| #7 | Prevalence"[Mesh] | 347011 |
| #8 | (((Incidence[Title/Abstract]) OR (Incidences[Title/Abstract])) OR (Epidemiology[Title/Abstract])) OR (Epidemiologies[Title/Abstract]) | 1169949 |
| #9 | #7 or #8 | 1462598 |
| #10 | #3 and #6 and #9 | 1012 |

2.Cochrane

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| Search number | Query | Results |
| #1 | MeSH descriptor: [Minors] explode all trees | 11 |
| #2 | (Minors):ti,ab,kw OR (Minor):ti,ab,kw OR (child):ti,ab,kw OR (children):ti,ab,kw OR (juvenile):ti,ab,kw | 202051 |
| #3 | (Childhood):ti,ab,kw OR (adolescent):ti,ab,kw OR (Adolescents):ti,ab,kw OR (Adolescence):ti,ab,kw OR (Teens):ti,ab,kw | 178271 |
| #4 | (Teen):ti,ab,kw OR (Teenagers):ti,ab,kw OR (Teenager):ti,ab,kw OR (Youth):ti,ab,kw OR (Youths):ti,ab,kw | 11893 |
| #5 | (Younger):ti,ab,kw OR (Pediatrics):ti,ab,kw OR (Pediatric):ti,ab,kw OR (Infants):ti,ab,kw OR (Infant):ti,ab,kw | 123086 |
| #6 | (Infantile):ti,ab,kw | 2662 |
| #7 | #1 or #2 or #3 or #4 or #5 or #6 | 362582 |
| #8 | MeSH descriptor: [Scoliosis] explode all trees | 667 |
| #9 | (Scoliosis):ti,ab,kw OR (Scolioses):ti,ab,kw OR (kyphoscoliosis):ti,ab,kw OR (kyfoscoliosis):ti,ab,kw | 1711 |
| #10 | #8 or #9 | 1711 |
| #11 | MeSH descriptor: [Prevalence] explode all trees | 8722 |
| #12 | (Prevalence):ti,ab,kw OR (Incidence):ti,ab,kw OR (Incidences):ti,ab,kw OR (Epidemiology):ti,ab,kw OR (Epidemiologies):ti,ab,kw | 230635 |
| #13 | #11 or #12 | 230635 |
| #14 | #7 and #10 and #13 | 141 |

3.Embase

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| Search number | Query | Results |
| #1 | 'minor (person)'/exp | 951 |
| #2 | 'minor'/exp OR minor OR child:ab, ti OR children:ab, ti OR juvenile:ab, ti OR childhood:ab, ti OR adolescent:ab, ti OR adolescents:ab, ti OR adolescence:ab,ti OR teens:ab,ti OR teen:ab,ti OR teenagers:ab,ti OR teenager:ab,ti OR youth:ab,ti OR youths:ab,ti OR younger:ab,ti OR pediatrics:ab,ti OR pediatric:ab,ti OR infants:ab,ti OR infant:ab,ti OR infantile:ab,ti | 3749580 |
| #3 | #1 or #2 | 3749580 |
| #4 | 'scoliosis'/exp | 44024 |
| #5 | scolioses OR kyphoscoliosis:ab,ti OR kyfoscoliosis:ab,ti | 3376 |
| #6 | #4 OR #5 | 44618 |
| #7 | 'prevalence'/exp | 1008147 |
| #8 | 'incidence'/exp OR incidence OR incidences:ab,ti OR epidemiology:ab,ti OR epidemiologies:ab,ti | 1770145 |
| #9 | #7 OR #8 | 2613554 |
| #10 | #3 AND #6 AND #9 | 2360 |

4.Web of science

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| Search number | Query | Results |
| #1 | Minors (TS) or Minor (TS) or child (TS) or children (TS) or juvenile (TS) or Childhood (TS) or adolescent (TS) or Adolescents (TS) or Adolescence (TS) or Teens (TS) or Teen (TS) or Teenagers (TS) or Teenager (TS) or Youth (TS) or Youths (TS) or Younger (TS) or Pediatrics (TS) or Pediatric (TS) or Infants (TS) or Infant (TS) or Infantile (TS) | 4697581 |
| #2 | (((TS=(Scoliosis)) OR TS=(Scolioses)) OR TS=(kyphoscoliosis)) OR TS=(kyfoscoliosis) | 28410 |
| #3 | ((((TS=(Prevalence)) OR TS=(Incidence)) OR TS=(Incidences)) OR TS=(Epidemiology)) OR TS=(Epidemiologies) | 2411701 |
| #4 | #1 AND #2 AND #3 | 2018 |