Supplementary Material Table 1. Search strategy

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| Databased | No. | Content | Result |
| PubMed | #1 | "Psoriasis"[MeSH Terms] Sort by: Most Recent | 51,655 |
| #2 | "Psoriasis"[Title/Abstract] Sort by: Most Recent | 56,016 |
| #3 | "Psoriasis"[MeSH Terms] OR "Psoriasis"[Title/Abstract] Sort by: Most Recent | 68,720 |
| #4 | "Mortality"[MeSH Terms] Sort by: Most Recent | 438,779 |
| #5 | "mortalit\*"[Title/Abstract] OR "death\*"[Title/Abstract] OR "fatality rate\*"[Title/Abstract] Sort by: Most Recent | 2,017,762 |
| #6 | "Mortality"[MeSH Terms] OR "mortalit\*"[Title/Abstract] OR "death\*"[Title/Abstract] OR "fatality rate\*"[Title/Abstract] Sort by: Most Recent | 2,231,011 |
| #7 | "Risk"[MeSH Terms] Sort by: Most Recent | 1,464,554 |
| #8 | "Risk"[Title/Abstract] Sort by: Most Recent | 3,114,331 |
| #9 | "Risk"[MeSH Terms] OR "Risk"[Title/Abstract] Sort by: Most Recent | 3,643,376 |
| #10 | ("Psoriasis"[MeSH Terms] OR "Psoriasis"[Title/Abstract]) AND ("Mortality"[MeSH Terms] OR ("mortalit\*"[Title/Abstract] OR "death\*"[Title/Abstract] OR "fatality rate\*"[Title/Abstract])) AND ("Risk"[MeSH Terms] OR "Risk"[Title/Abstract]) Sort by: Most Recent | 701 |
| Embase | #1 | 'psoriasis'/exp | 128963 |
| #2 | 'psoriasis':ab,ti | 85457 |
| #3 | #1 OR #2 | 135973 |
| #4 | 'mortality'/exp | 1551212 |
| #5 | 'mortalit\*':ab,ti OR 'death\*':ab,ti OR 'fatality rate\*':ab,ti | 2911723 |
| #6 | #4 OR #5 | 3305612 |
| #7 | 'risk'/exp | 3397579 |
| #8 | 'risk':ab,ti | 4460118 |
| #9 | #7 OR #8 | 5451672 |
| #10 | #3 AND #6 AND #9 | **2460** |
| Cochran Library | #1 | Psoriasis | 10392 |
| #2 | (Psoriasis):ti,ab,kw | 10247 |
| #3 | #1 OR #2 | 10392 |
| #4 | Mortality | 128934 |
| #5 | (Mortalit\*):ti,ab,kw OR (Death\*):ti,ab,kw OR (Fatality Rate\*):ti,ab,kw | 187670 |
| #6 | #4 OR #5 | 191384 |
| #7 | Risk | 320802 |
| #8 | (Risk):ti,ab,kw | 312959 |
| #9 | #7 OR #8 | 320802 |
| #10 | #3 AND #6 AND #9 | 154 |