

Supplementary Table 2. Search strategies used in EconLit (EBSCO) and Scopus

|    | EconLit (EBSCO)                                                                                                                                                                                                 | Scopus                                                                                                                                                                                                                                                                                            |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S1 | TI ("newborn screening" OR "neonatal screening" OR "severe combined immune deficiencies") OR AB ("newborn screening" OR "neonatal screening" OR "severe combined immune deficiencies")                          | (TITLE-ABS ("newborn screening" OR "neonatal screening" OR "severe combined immune deficiencies")) AND TITLE-ABS ("economic evaluation" OR cost-benefit OR "cost-effective*" OR "cost minimisation" OR "cost-utility") AND PUBYEAR > 2007 AND PUBYEAR < 2025 AND (LIMIT-TO (LANGUAGE, "English")) |
| S2 | TI ( "economic evaluation" OR cost-benefit OR cost-effective* OR "cost minimi#ation" OR"cost-utility") OR AB ("economic evaluation" OR cost-benefit OR cost-effective* OR "cost minimi#ation" OR"cost-utility") |                                                                                                                                                                                                                                                                                                   |
| S3 | S1 AND S2                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                   |

Search conducted in September 2023.