

Supplementary Table 1. Presenting the PICOTS-SD Process Applied in the Screening Step

| Classification | Details |
|--------------------------|---|
| Participation | Nurs* |
| Intervention | Not set |
| Comparison | Not set |
| Outcome | Not set |
| Time | Not set |
| Setting | Not set |
| Study design | (Machine Learning) AND (Classif* OR Regress* OR Predict* OR Forecast* OR Cluster* OR “Dimensionality Reduction” OR “Reinforcement Learning” OR “Policy Learning”) |
| Combined search strategy | ((Nurs*) AND ((Machine Learning) AND (Classif* OR Regress* OR Predict* OR Forecast* OR Cluster* OR “Dimensionality Reduction” OR “Reinforcement Learning” OR “Policy Learning”))) |

Search fields were limited to the Title in KISTI, the Abstract in KISS and NDSL, and both Title/Abstract in KoreaMed, Cochrane CENTRAL, MEDLINE, EMBASE, PubMed, CINAHL, PsycINFO, Scopus, and Web of Science.