**Identification of studies via other methods**

**Identification of studies via databases and registers**

Records identified from:

Cochrane Library (n = 291)

Embase (n = 110)  
Google Scholar (n = 178)  
PsycInfo (n = 33)  
PubMed (n = 108)

Scopus (n = 210)

Web of Science (n = 159)

**TOTAL (n = 1089)**

Records identified from:

Citation searching (n = 122)

Records removed before screening:

Duplicate records (n = 506)

**Identification**

Records screened (n = 583)

Records excluded (n = 521)

Reports not retrieved

(n = 30)

Reports sought for retrieval

(n = 50)

Reports sought for retrieval

(n = 62)

Reports not retrieved

(n = 0)

**Screening**

Reports excluded (n = 17):

Missing required data (n = 6)

Insufficient data for pre-post correlation (n = 5)

Unclear interventions or comparisons (n = 4)

Duplicate results (n = 1)

Other type of record (n = 1)

Reports excluded (n = 56):

Missing required data (n = 18)

Insufficient data for pre-post correlation (n = 27)

No clear technology vs. non-technology comparison or loneliness not assessed (n = 9)

Other study design (n = 1)

Duplicate results (n = 1)

Reports assessed for eligibility

(n = 20)

Reports assessed for eligibility

(n = 62)

Studies included in quantitative synthesis (meta-analysis)

(n = 9)

**Included**

**Figure 1.** PRISMA flowchart of study selection process.