Potential relevant records identified through database searching
(Total n= 2,019;
Pubmed = 726;
Emabse = 1,095;
Web of science = 198)

Records after duplicates removed
(n = 1,627)

Records screened
(n = 1,352)

Full-text articles assessed for eligibility
(n = 713)

Studies included in qualitative synthesis
(n = 24)

Studies included in quantitative synthesis (meta-analysis)
(n = 24)