The Drummond checklist was designed to guide the critique of economic evaluations and considers: 1) the research question; 2) the description of the study/intervention; 3) the study design; 4) the identification, 5) measurement, and 6) valuation of costs and consequences; 7) whether discounting was carried out; 8) incremental analysis; 9) presentation of results with uncertainty and sensitivity analyses; and 10) discussion of results in the context of policy relevance and existing literature.(Reference: Drummond M, Sculpher M, Torrance G, O'Brien B, Stoddart G. Methods for the economic evaluation of health care programs. Oxford: Oxford University Press; 2005.)

A rating scale, developed from the Drummond checklist by Doran (2008) to attribute a potential score of 1 to each of the items on the checklist, was used to assess the quality of included economic evaluations in this SLR.(Reference: Doran, C.M., 2008. Economic evaluation of interventions to treat opiate dependence: a review of the evidence. Pharmacoeconomics, 26, pp.371-393.)

Table 1: Quality assessment of included economic evaluations using the Drummond 10-item checklist

Study	Research question well defined?	Comprehensive description of alternatives?	Effectiveness of program established?	Important & relevant costs & consequences for each alternative identified?	Costs & consequences measured accurately & appropriately?	Costs & consequences valued credibly?	Costs & consequences adjusted for differential timing?	Incremental analysis of costs & consequences performed?	Allowance made for uncertainty in estimates?	Presentation & discussion of study results include all issues of concern to users?	Score
Barrington, 2019	✔	✔	✘	✔	✔	✔	✘	✔	✔	✘	**Average**
Barrington, 2021	✔	✔	✔	✔	✔	✔	✘	✔	✔	✔	**Good**
Feng, 2022	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	**Good**
Huo, 2024a	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	**Good**
Huo, 2024b	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	**Good**
Liao, 2024	✔	✔	✔	✔	✘	✔	✘	✔	✔	✔	**Good**
Upadhyay, 2021	✔	✔	✔	✔	✘	✔	✔	✔	✔	✔	**Good**
Zheng, 2022	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	**Good**
Ackroyd, 2021	✔	✔	✔	✔	✘	✔	✔	✔	✔	✔	**Good**
Batman, 2021	✔	✔	✔	✔	✘	✔	✘	✔	✔	✔	**Good**

Study	Research question well defined?	Comprehensive description of alternatives?	Effectiveness of program established?	Important & relevant costs & consequences for each alternative identified?	Costs & consequences measured accurately & appropriately?	Costs & consequences valued credibly?	Costs & consequences adjusted for differential timing?	Incremental analysis of costs & consequences performed?	Allowance made for uncertainty in estimates?	Presentation & discussion of study results include all issues of concern to users?	Score
Ralph, 2024	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	**Good**
Dioun, 2024	✔	✔	✔	✔	✔	✔	✖	✔	✔	✔	**Good**
Diggs, 2023	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	**Good**
Benjamin, 2024	✔	✔	✖	✔	✖	✖	✖	✔	✖	✔	**Average**
Callen, 2023	✔	✔	✔	✔	✖	✔	✔	✔	✔	✖	**Good**
Zhao, 2023	✔	✔	✔	✔	✔	✔	✔	✔	✔	✖	**Good**
Liu, 2022	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	**Good**
Thurgar, 2021	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	**Good**