INPLASY PROTOCOL

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Conflicts of interest:
None declared.

Total factor productivity ofChina's marine economy: A meta-analysis

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Review question / Objective: **This paper employs a meta-analysis to quantitatively analyze existing research findings on the TFP growth of China's marine economy to serve as a reference point for future research and relevant policy formulation.**
Eligibility criteria: **(1) The selected literature evaluated one or two types of TFPgrowth in the marine economy, rather than focusing solely on aspecific industry2; (2) The selected literature measured the TFPgrowth of the marine economy in coastal provinces andmunicipalities (or autonomous regions) or nationwide; (3) Theselected literature reported quantitative research results, and theTFP growth of the marine economy estimates can be obtaineddirectly or after simple processing; (4) The selected literaturereported on the evaluation indicators, estimation models, andother information used in the estimation of TFP growth in themarine economy.**

INPLASY registration number: This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 08 September 2022 and was last updated on 08 September 2022 (registration number INPLASY202290039).

INTRODUCTION

Review question / Objective: **This paper employs a meta-analysis to quantitatively analyze existing research findings on the TFP growth of China's marine economy to serve as a reference point for future research and relevant policy formulation.**

Condition being studied: **NA.**

METHODS

Participant or population: **NA.**

Intervention: **NA.**

Comparator: **NA.**

Study designs to be included: Heterogeneity test; Publication bias test; Meta-regression analysis.

Eligibility criteria: (1) The selected literature evaluated one or two types of TFPgrowth in the marine economy, rather than focusing solely on aspecific industry2; (2) The selected literature measured the TFPgrowth of the marine economy in coastal provinces andmunicipalities (or autonomous regions) or nationwide; (3) Theselected literature reported quantitative research results, and theTFP growth of the marine economy estimates can be obtaineddirectly or after simple processing; (4) The selected literaturereported on the evaluation indicators, estimation models, andother information used in the estimation of TFP growth in themarine economy.

Information sources: CNKI; Google Scholar; Elsevier; Web of Science.

Main outcome(s): Not reported.

Quality assessment / Risk of bias analysis: Prior to the meta-analysis, this paper first used the Funnel Asymmetry Test and Precision Effect Test (FATPET) to determine whether there was a publication bias in the current literature.

Strategy of data synthesis: Meta-Regression Analysis.

Subgroup analysis: NA.

Sensitivity analysis: NA.

Country(ies) involved: China.

Keywords: marine economy; total factor productivity; meta-analysis; high-quality development; China.

Contributions of each author:
Author 1 - Jingxuan Dong.
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Author 3 - Bei Yuan.
Author 4 - Tao Xu.