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Dataset for Pharmaceutical Salt Business to Improve the Welfare of Salt's Farmers



Abstract: - This dataset presents data on the percentage of problem priorities, solution priorities and appropriate strategy priorities for developing a pharmaceutical salt business using the Analytic Network Process (ANP). This data consists of data on problems, solutions and strategies. Problem data includes production problems, supporting problems, market problems and stakeholder problems. Solution data includes fundamental solutions, technical solutions, macro strategic solutions and roadmap solutions. Meanwhile, strategy data includes a strategy for preparing a grand design for a community salt agribusiness pattern, a strategy for BUMN and salt processing companies to collaborate with salt farmer cooperatives, a strategy to increase human resource development, and a strategy for fulfilling permits to support the production of packaged salt. Numerical data was obtained from Forum Group Discussion with five experts, five practitioners and five regulators using a priority scale. Cluster priority analysis using Super Decision software version 2.10.

Keywords: Problems; solutions; strategies; Analytic Network Process

Specifications Table

Subject	Economics, Econometrics and Finance
Specific subject area	Welfare
Data format	<i>Raw, Analysed</i>
Type of data	Graph
Data collection	<i>This data collection is based on primary data from questionnaires and Focus Group Discussions (FGD) or also called interviews or focus group discussions. Primary data was obtained through several methods, namely field observations, direct interviews, FGDs and expert opinions. Direct interviews and FGDs were conducted with 5 (five) directors of salt companies in Indonesia. Expert opinions were carried out by 5 (five) experts in Islamic economics and 5 (five) experts in the field of maritime affairs and fisheries. Secondary data was obtained through literature studies carried out by reading supporting documents, including scientific journals, dissertations, articles and other supporting documents. Selection of respondents for weight and ranking assessment on the ANP matrix.</i>

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Data accessibility	Repository name: Akhmad Affandi Mahfudz Data identification number: <i>DOI:10.17632/dnvjrswzp4.1</i> Direct URL to data: Dataset for Pharmaceutical Salt Business to Improve the Welfare of Salt's Farmers - Mendeley Data
Data source location	Directors of salt companies, experts in Islamic economics, experts in the field of maritime affairs and fisheries and Salt's Farmers, Indonesia.

VALUE OF THE DATA

- The data contains the problems faced by salt farmers, data on solutions that can be implemented and appropriate strategies to overcome all the problems of salt farmers. This data was obtained from FGDs with experts, practitioners^[1] and regulators. This data is very valuable for developing the pharmaceutical salt business by paying attention to the positive impact on salt farmers, namely by improving the welfare of salt farmers.^[2]
- The data collection is useful for providing information to the public, especially salt farmers, policy makers and researchers regarding appropriate strategies in dealing with the problems faced by salt farmers.
- Further researchers could use this data to analyze the problems faced by salt farmers and implement appropriate strategies to solve the problems faced by salt farmers.
- This data can be used to take appropriate economic policies in responding to the problems faced by salt farmers.

DATA DESCRIPTION

Based on our analysis in the field and in-depth discussions with several experts, regulators and practitioners, we identified a data set consisting of data on problems experienced by salt farmers, data on solutions that will be taken and data on strategies that will be created to solve the problems of salt farmers. Each data has a cluster that will determine priority problems, priority solutions and priority strategies in solving salt farmers' problems so that the welfare of salt farmers can increase.

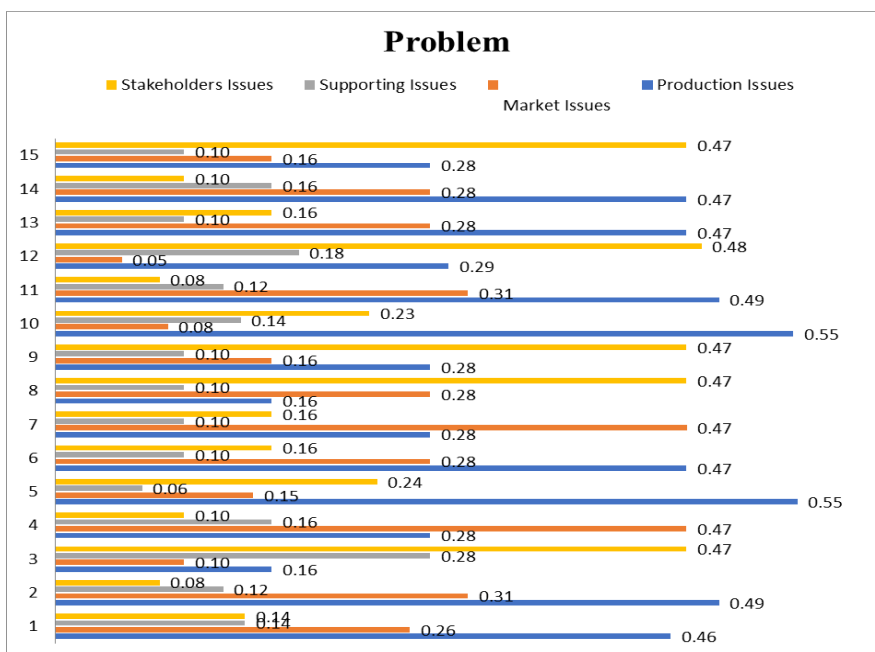


Figure 1. Problem. Note: This picture illustrates the problems faced by salt farmers from 15 respondents. And the problem data has four clusters, namely stakeholder issues, supporting issues, market issues and production issues. This image shows which problems are more priority.

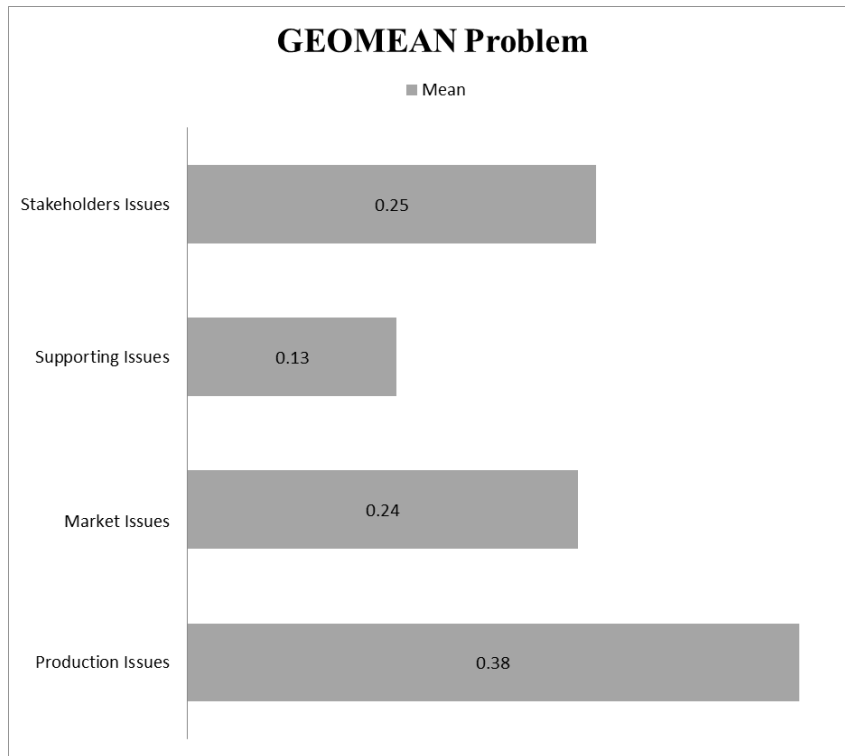


Figure 2. Problem. Note: This image illustrates the problems faced by salt farmers in geometric mean terms. Or a combination of the opinions of 15 respondents. And the problem data has four clusters, namely stakeholder issues, supporting issues, market issues and production issues. This image shows which problems are more priority.

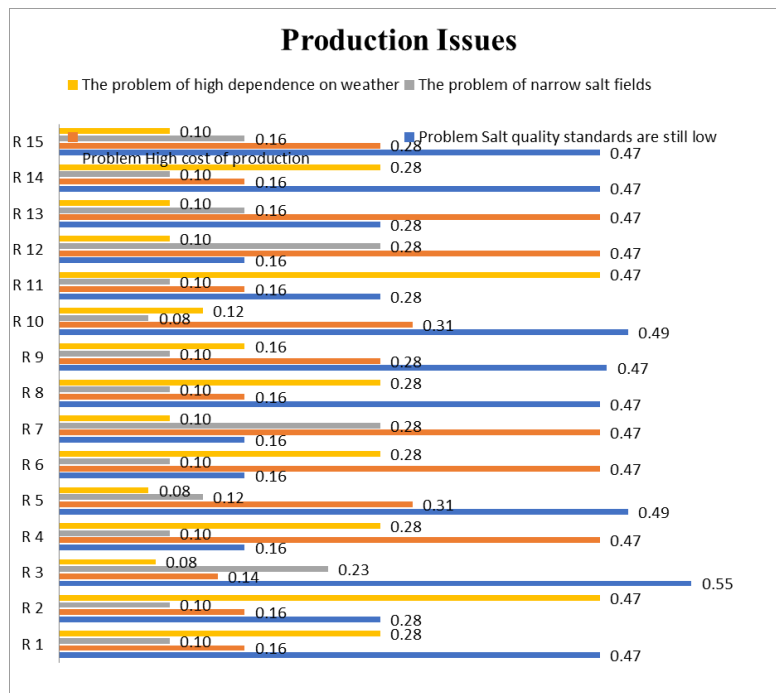


Figure 3. Production problems. Note: This image illustrates the problems in terms of production faced by salt farmers from 15 respondents. And in the production problem data there are four clusters, namely the problem of

salt quality standards are still low, the problem of high cost of production, the problem of narrow salt fields, the problem of high dependence on weather. This image shows which production problems are more priority.

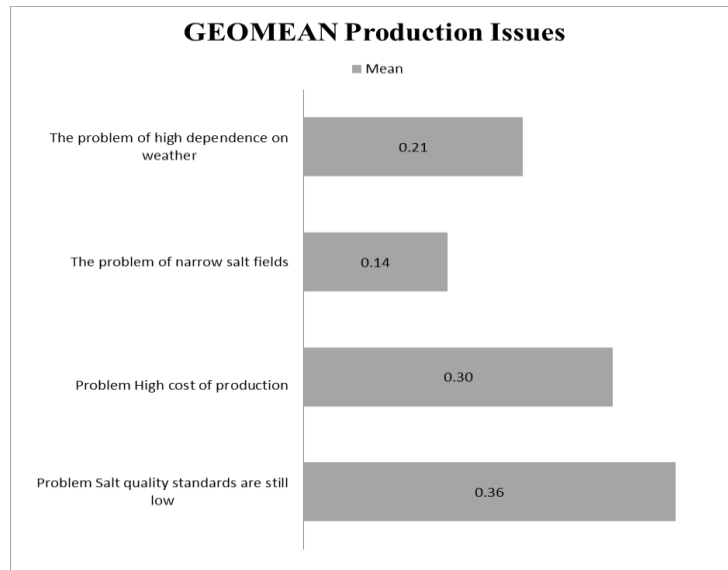


Figure 4. Production problems. Note: This image depicts the production problems faced by salt farmers as a geometric mean or a combination of the opinions of 15 respondents. And the problem data has four clusters, namely stakeholder issues, supporting issues, market issues and production issues. This image shows which production problems are more priority.



Figure 5. Solution. Note: This image depicts solutions for salt farmers from 15 respondents. And the solution data has four clusters, namely Fundamental Solutions, Technical Solutions, Macro Strategy Solutions, and Roadmap Solutions. This image shows which solution has more priority.

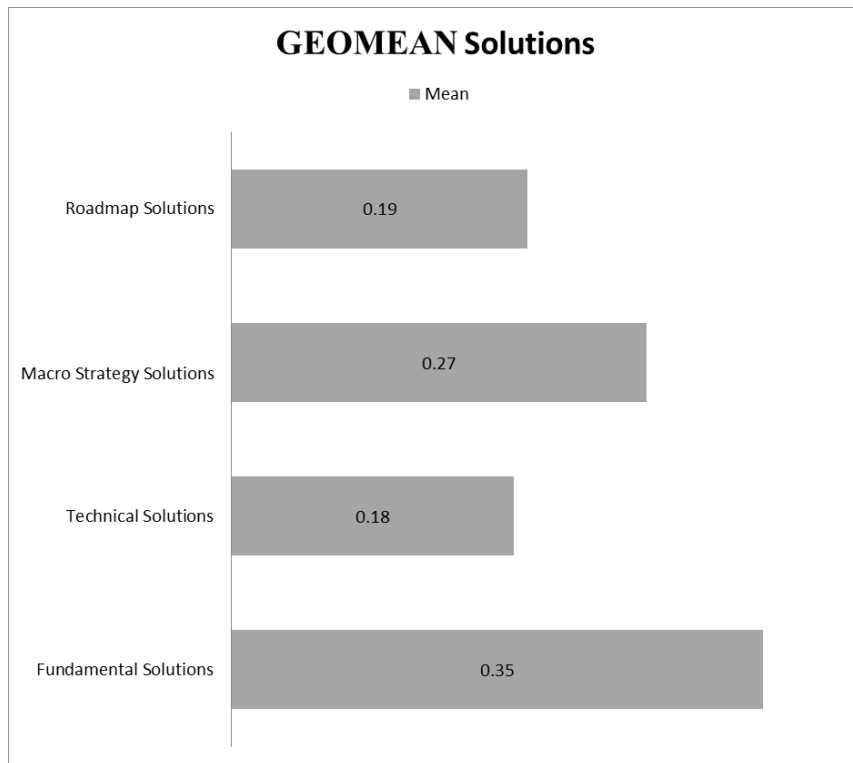


Figure 6. Solution. Note: This image depicts the solution for salt farmers as the geometric mean or combination of the opinions of 15 respondents. And the solution data has four clusters, namely Fundamental Solutions, Technical Solutions, Macro Strategy Solutions, and Roadmap Solutions. This image shows which solution has more priority.

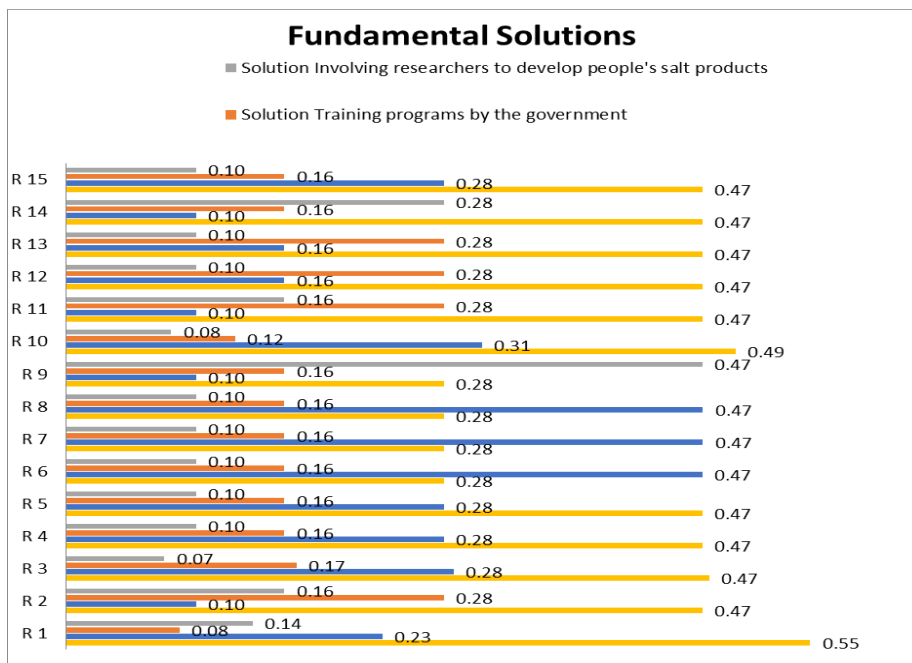


Figure 7. Fundamental Solutions. Note: This image depicts Fundamental Solutions for salt farmers from 15 respondents. And in the Fundamental Solutions data there are four clusters, namely Solution for improving salt quality, Solution Establishing collaboration with industry players, Solution Training programs by the government, and Solution Involving researchers to develop people's salt products. This image shows which Fundamental Solutions have more priority.

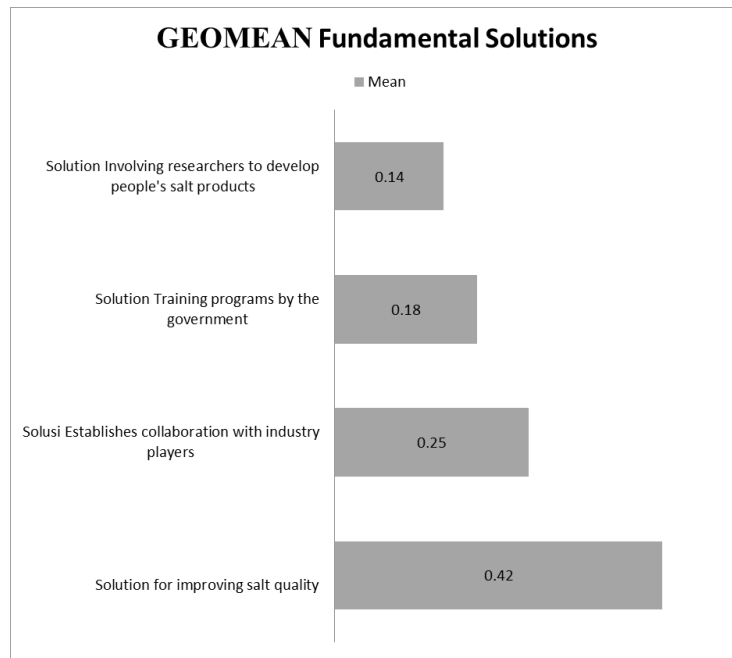


Figure 8. Fundamental Solutions. Note: This image depicts the Fundamental Solutions for salt farmers as the geometric mean or combination of the opinions of 15 respondents. And in the Fundamental Solutions data there are four clusters, namely Solution for improving salt quality, Solution Establishing collaboration with industry players, Solution Training programs by the government, and Solution Involving researchers to develop people's salt products. This image shows which Fundamental Solutions have more priority.

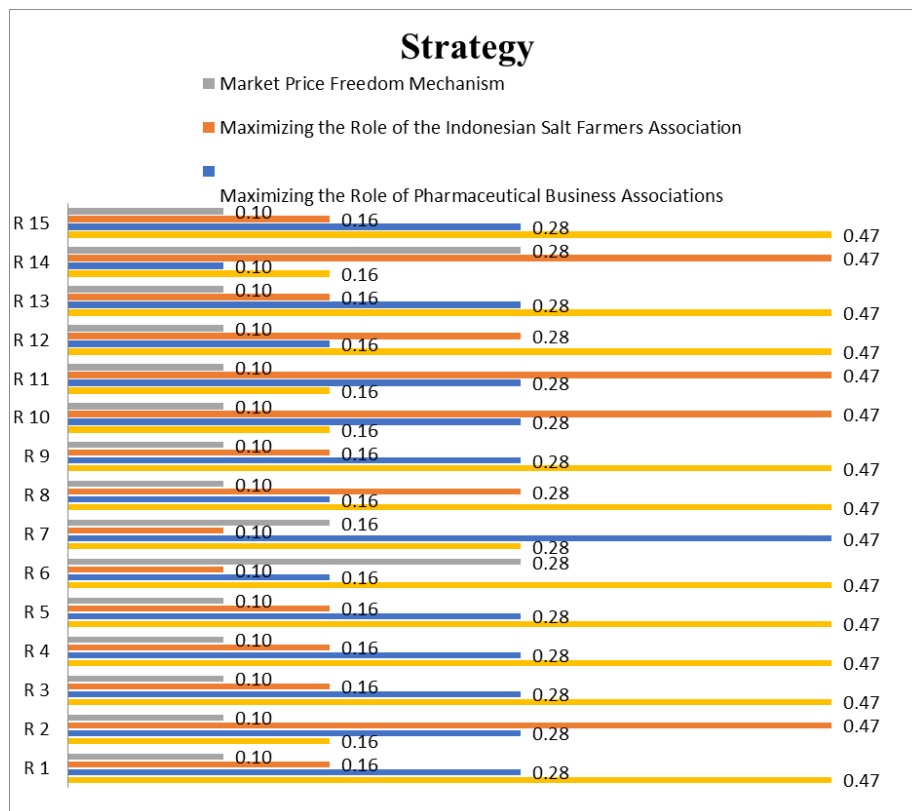


Figure 9. Strategy. Note: This image depicts the correct strategy of 15 respondents. And the Strategy data has four clusters Maximizing the Role of Government, Maximizing the Role of Pharmaceutical Business Associations, Maximizing the Role of the Indonesian Salt Farmers Association, and Market Price Freedom Mechanism. This image shows which strategy has more priority.

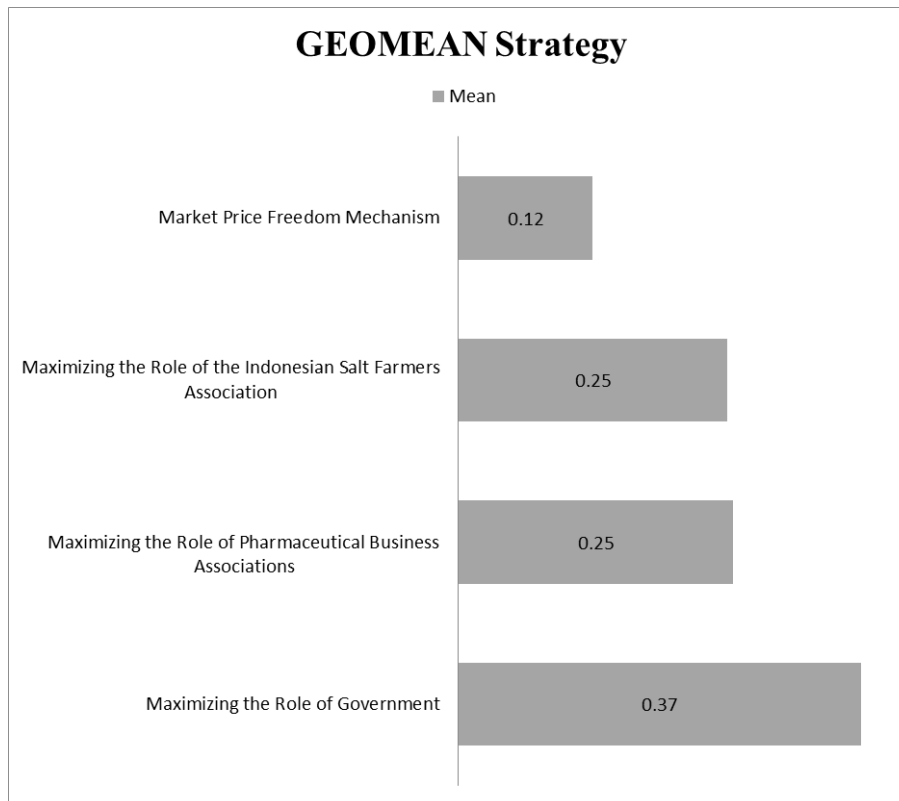


Figure 10. Strategy. Note: This image depicts the exact strategy based on the geometric mean or combination of the opinions of 15 respondents. And the Strategy data has four clusters Maximizing the Role of Government, Maximizing the Role of Pharmaceutical Business Associations, Maximizing the Role of the Indonesian Salt Farmers Association, and Market Price Freedom Mechanism.^[3] This image shows which strategy has more priority.

EXPERIMENTAL DESIGN, MATERIALS AND METHODS

The data obtained comes from primary and secondary data, both qualitative and quantitative. Primary data was obtained through several methods, namely field observations, direct interviews, FGDs and expert opinions. Direct interviews and FGDs were conducted with 4 (four) directors of salt companies in Indonesia. Expert opinions were carried out by 4 (four) experts in Islamic economics and experts in the field of maritime affairs and fisheries. Secondary data was obtained through literature studies carried out by reading supporting documents, including scientific journals, dissertations, articles and other supporting documents. The selection of respondents for weight and ranking assessments on the ANP matrix was carried out by taking data from salt farmers. The data has been obtained using superdecision analysis version 2.10.

ETHICS STATEMENT

This work meets the Elsevier ethical publishing requirements. This work does not involve studies with animals and humans, nor data collected from social media platforms.

CRedit AUTHOR STATEMENT

Irfat Hista Saputra: Conceptualization, Methodology, Software. Akhmad Affandi Mahfudz: Reviewing. Tatik Mariyantim: Supervision

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DECLARATION OF COMPETING INTERESTS

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

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