

## **RESEARCH AND DEVELOPMENT INTENSITY AND COMPANY PRODUCTIVITY IN IDX-LISTED MANUFACTURING COMPANIES IN 2017-2021**

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**Abstract:** In this study, research was conducted to determine the factors that influence the intensity of Research and Development (R&D) and company productivity in manufacturing companies. The data used in this study is secondary data obtained from IDX for the 2017-2021 period. The research method was carried out using descriptive analysis and path analysis using the Partial Least Square Method. Sampling was carried out using purposive sampling method so that only company data that met the criteria were processed. The sample that complied was 14 companies. The results of this study indicate that BOD diversity has a negative and significant effect on R&D intensity, while company size and liquidity have a positive effect on R&D intensity but not significant. As for company productivity, BOD diversity and liquidity have a positive but not significant effect, while firm size has a positive and significant effect. From the research results it is also known that the intensity of R&D has a negative effect on company productivity but not significantly.

**Keywords:** research, development, productivity, manufacturing

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