

**DETEKSI *FINANCIAL STATEMENT FRAUD* MENGGUNAKAN RASIO
BENEISH M-SCORE DAN DECHOW F-SCORE SERTA *FINANCIAL
DISTRESS* DENGAN ALTMAN Z-SCORE (STUDI KASUS PT ANTAM
TBK PERIODE 2021 – 2024)**

Oleh

Ni Kadek Dian Mayang Sari, NIM 2217051020

Jurusan Ekonomi dan Akuntansi

ABSTRAK

Penelitian ini bertujuan untuk menganalisis indikasi *financial statement fraud* menggunakan metode Beneish M-Score dan Dechow F-Score pada laporan keuangan triwulan 1,2,3 dan 4 PT Aneka Tambang Tbk periode 2021–2024. Selain itu, penelitian ini juga menganalisis tingkat akurasi kedua model deteksi kecurangan tersebut serta mengkaji adanya indikasi *Financial distress* menggunakan metode Altman Z-Score berdasarkan laporan tahunan PT Aneka Tambang Tbk periode 2021–2024. Populasi dalam penelitian ini adalah seluruh laporan keuangan triwulan 1,2,3, dan 4 serta laporan tahunan yang diterbitkan oleh PT Aneka Tambang Tbk periode 2021–2024. Penelitian ini menggunakan teknik sampel jenuh, dengan 20 amatan. Teknik analisis yang digunakan adalah deskriptif kuantitatif melalui perhitungan rasio keuangan berdasarkan model Beneish M-Score, Dechow F-Score, serta Altman Z-Score. Hasil Penelitian Menemukan bahwa: (1) Metode Beneish M-Score mendeteksi 11 dari 16 laporan keuangan triwulanan PT Aneka Tambang Tbk periode 2021–2024 terindikasi berpotensi melakukan *financial statement fraud*. (2) Sebaliknya, metode Dechow F-Score secara konsisten mengklasifikasikan seluruh laporan keuangan triwulanan pada periode tersebut sebagai non-manipulator (tidak terindikasi melakukan *financial statement fraud*). (3) Pengujian tingkat akurasi menunjukkan bahwa Beneish M-Score memiliki tingkat akurasi sebesar 31,25% dengan tingkat kesalahan 68,75%. Sementara itu, Metode Dechow F-Score justru menunjukkan tingkat akurasi hingga 100%. (4) Perhitungan Altman Z-Score menunjukkan bahwa laporan keuangan tahunan PT Aneka Tambang Tbk periode 2021–2024 secara konsisten berada dalam kategori aman, yang mengindikasikan kondisi keuangan perusahaan yang sehat serta risiko kebangkrutan yang rendah.

Kata kunci: Beneish M-Score, Dechow F-Score, *Prediction accuracy rate*, Altman Z-Score, *Financial statement fraud*, *Financial distress*

**DETECTION OF FINANCIAL STATEMENT FRAUD USING THE
BENEISH M-SCORE AND DECHOW F-SCORE RATIOS AS WELL AS
FINANCIAL DISTRESS WITH THE ALTMAN Z-SCORE (CASE STUDY
OF PT ANTAM TBK FOR THE PERIOD 2021 – 2024)**

By

Ni Kadek Dian Mayang Sari, NIM 2217051020

Dapartement of Economics and Accounting

ABSTRACT

This study aims to analyze indications of financial statement fraud using the Beneish M-Score and Dechow F-Score methods on the quarterly financial statements of PT Aneka Tambang Tbk for Q1, Q2, Q3, and Q4 in the 2021–2024 period. In addition, this study aims to analyze indications of financial statement fraud using the Beneish M-Score and Dechow F-Score methods on the quarterly financial statements of PT Aneka Tambang Tbk for Q1, Q2, Q3, and Q4 in the 2021–2024 period. In addition, this study also analyzes the accuracy level of both fraud detection models and examines the presence of Financial distress indications using the Altman Z-Score method based on the annual reports of PT Aneka Tambang Tbk for the 2021–2024 period. The population in this study includes all quarterly financial statements (Q1, Q2, Q3, and Q4) and annual reports published by PT Aneka Tambang Tbk during the 2021–2024 period. This study uses a saturated sampling technique, with 20 observations. The analysis technique employed is quantitative descriptive, involving the calculation of financial ratios based on the Beneish M-Score, Dechow F-Score, and Altman Z-Score models. The study found that: (1) The Beneish M-Score method detected 11 out of 16 quarterly financial reports of PT Aneka Tambang Tbk for the 2021–2024 period as potentially committing financial statement fraud. (2) Conversely, the Dechow F-Score method consistently classified all quarterly financial reports in that period as non-manipulators (not indicated to commit financial statement fraud). (3) Accuracy testing showed that the Beneish M-Score had an accuracy rate of 31.25% with an error rate of 68.75%. Meanwhile, the Dechow F-Score method even showed an accuracy rate of up to 100%. (4) The Altman Z-Score calculation shows that the annual financial reports of PT Aneka Tambang Tbk for the 2021–2024 period consistently fall into the safe category, indicating healthy financial conditions of the company and a low risk of bankruptcy.

Keyword: *Beneish M-Score, Dechow F-Score, Prediction accuracy rate, Altman Z-Score, Financial statement fraud, Financial distress*