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### KEY WORDS (at least 5 words)

- ✓ Inelaborate effort responding
- $\checkmark$  careless responding
- ✓ Cattell's sabotage index
- ✓ FIC index
- ✓ MFIC index

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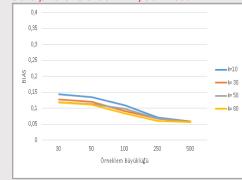


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# EVALUATION OF CARELESS OR INELABORATE ANSWERS TO THE ANSWERS GIVEN IN THE SCALES

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# THESIS ABSTRACT

In dissertation study, Cattell's sabotage index and the modified fixed individualized chance score (MFIC) score will be used to compare the performance of the indices of careless or inelaborate effort answers from data obtained through simulation. The simulation study aimed to compare these indexes according to RMSE (root mean square error) and BIAS values. These comparisons will be made under conditions that vary depending on a variety of factors. For example; Comparisons will be evaluated regarding whether there is a change in careless and inelaborate effort responding according to scale type, number of items, number of reversed items and sample size.

## **APPLICATION AREAS OF THE THESIS RESULTS**

Thesis results will be suitable for use in the fields of biostatistics and social science.

# ACADEMIC ACTIVITIES

1)Ercan I, Dincgez B, Uzunoglu A, Yenigul NN. Evaluation of the predictive role of anterior uterocervical angle in preterm labor in twin gestation through meta-analysis: anterior uterocervical angle and preterm labor in twin gestation. Journal Of Gynecology Obstetrics And Human Reproduction, 2022 June Vol 51, Issue 6, 102397.

2)Balcin, O., Ercan, İ., & Uzunoglu, A., (2024). Evaluation of the risk of thyroid cancer following hysterectomy through meta-analysis. GINEKOLOGIA POLSKA.

3)Yenigul, N. N., Dincgez, B., Uzunoglu, A., & Ercan, İ., (2023). Investigating the predictive role of uterocervical angle in predicting preterm labor in singleton pregnancies: a meta-analysis. GINEKOLOGIA POLSKA, vol.94, no.12, 990-996.