

[← Previous Item](#)[Next Item →](#)

The questions of the third E-Test are based on the tasks of R-Laboratory 8 and 9. **Please provide numbers in the requested precision within each question. The use of different precision is evaluated as wrong.**

Task 24**3 of 3 points**

0.5 of 0.5 points

Which of the three models of task 24(b) and 24(c) has the best fit in terms of AIC? Type in "1" for the logistic regression model, "2" for the probit and "3" for the cloglog regression model (without quotation marks). Provide the corresponding AIC value for this model (**requested precision: 1 digit**)

best model

3 ✓

0.5 of 0.5 points

AIC value

128.2 ✓

1 of 1 point

Transform the variable **sex** into a factor variable. Fit a cloglog regression model that predicts **transport** using **time**, **sex** and their interaction. What is the percentage of correct classified observations for this model? (**requested precision: 4 digits**)

74.7899 ✓

0.5 of 0.5 points

What are the values for AIC and BIC of the model above? (**requested precision: 1 digit**)

Value AIC

125.6 ✓

0.5 of 0.5 points

Value BIC

136.7 ✓

[← Previous Item](#)[Next Item →](#)☐ Create an inspection request?

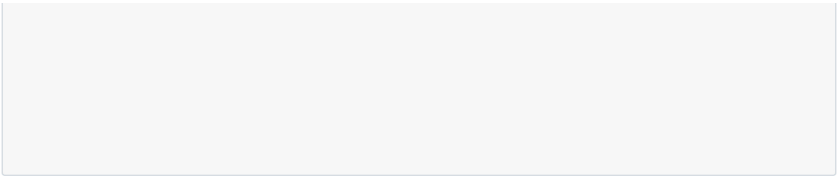
Please note that this document will become a part of your exam file!

- Be polite and friendly.
- Describe your rationale as precisely as possible.

Dynexite, 19.07.2021

Request for correction of this item

Dear sir or madam, ...



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