P8108 Group 2 Survival Analysis Project

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```
library(survival)
library(tidyverse)
library(tidymodels)
```

Train Test Split

```
set.seed(2022)

rotterdam_split <- initial_split(rotterdam, prop = 0.8, strata = death)
rotterdam_training <- training(rotterdam_split)
rotterdam_test <- testing(rotterdam_split)</pre>
```

Perform 10-fold Cross-Validation

Methods **Exploratory Data Analysis Cross-Validation** Cox/Cox with elastic net Random survival forest Conformalized survival analysis Supplemental analyses Results **Exploratory Data Analysis Cross Validation** Cox/Cox with elastic net Random survival forest Conformalized survival analysis Supplemental analyses Discussion How our results compare with past research

Introduction

Conclusion