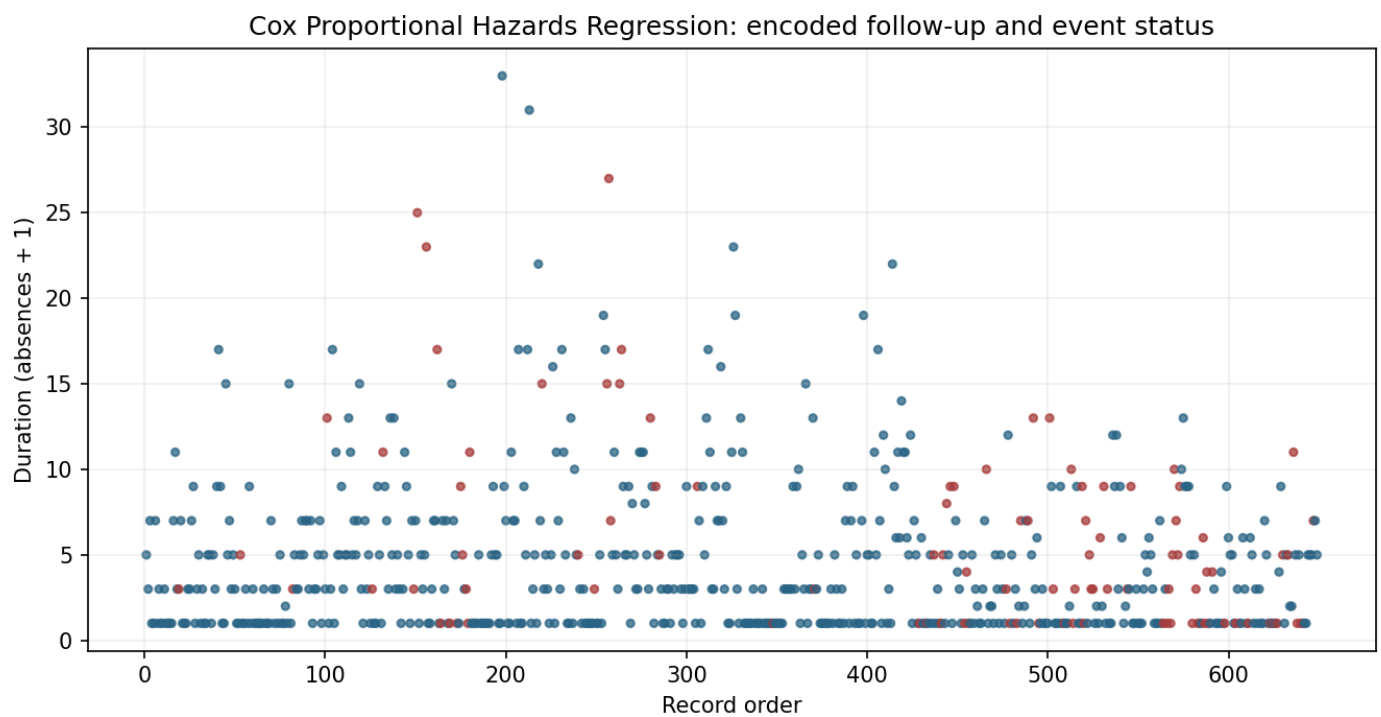


Cox Proportional Hazards Regression

semiparametric_regression | right-censored demonstration | page 1



Method type: semiparametric_regression

Design: Multivariable Cox model for academic-failure hazard using sex, centered age, centered study time,

Formula: $h(t|x)=h_0(t)*\exp(\beta x)$

Variables: absences, G3, sex, age, studytime, failures

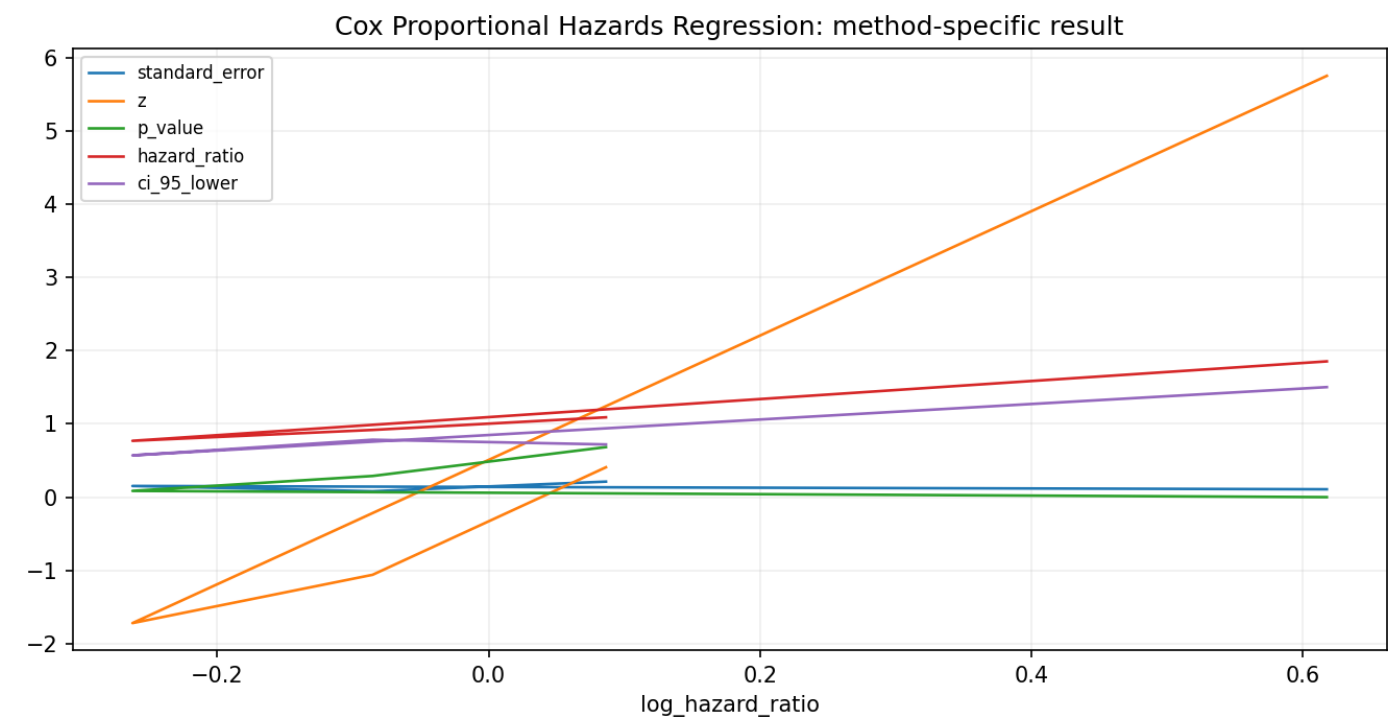
events = 100

log_likelihood = -526.4304277082518

sex_male_hr = 1.0902527280596426

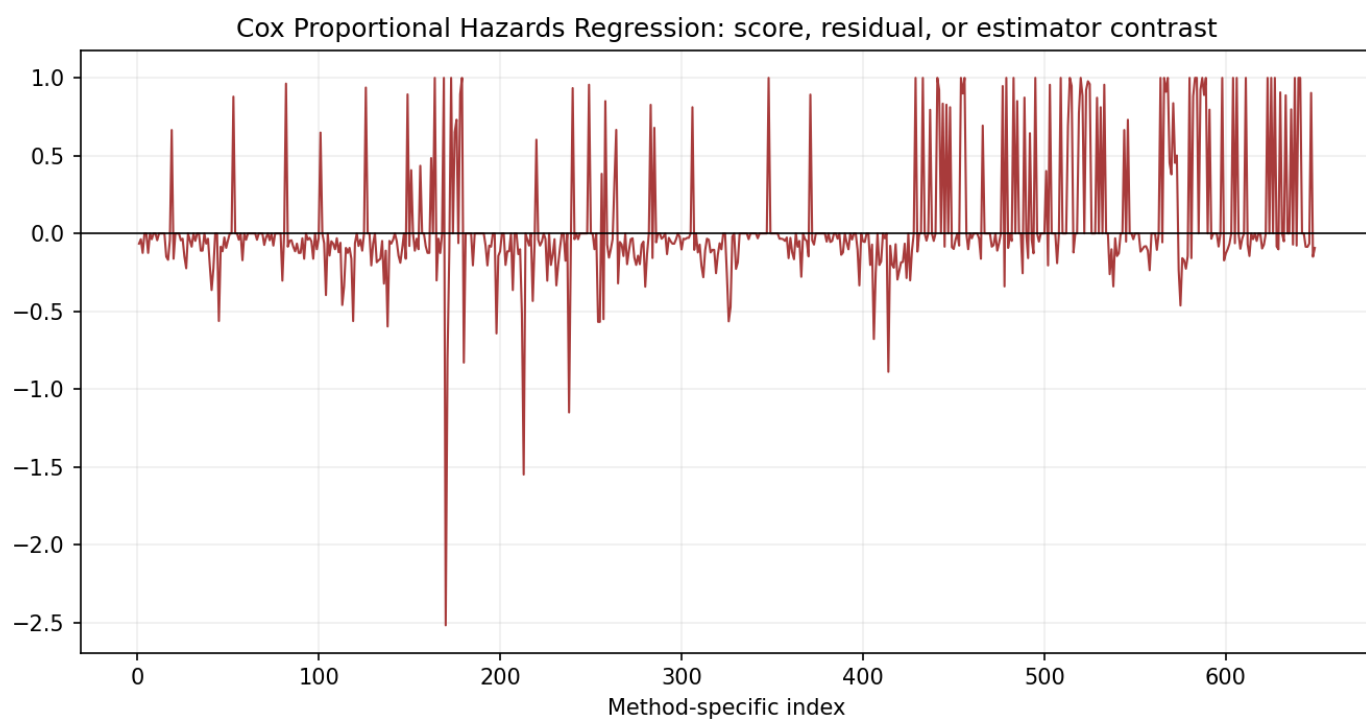
age_hr = 0.918028189340605

Cox Proportional Hazards Regression

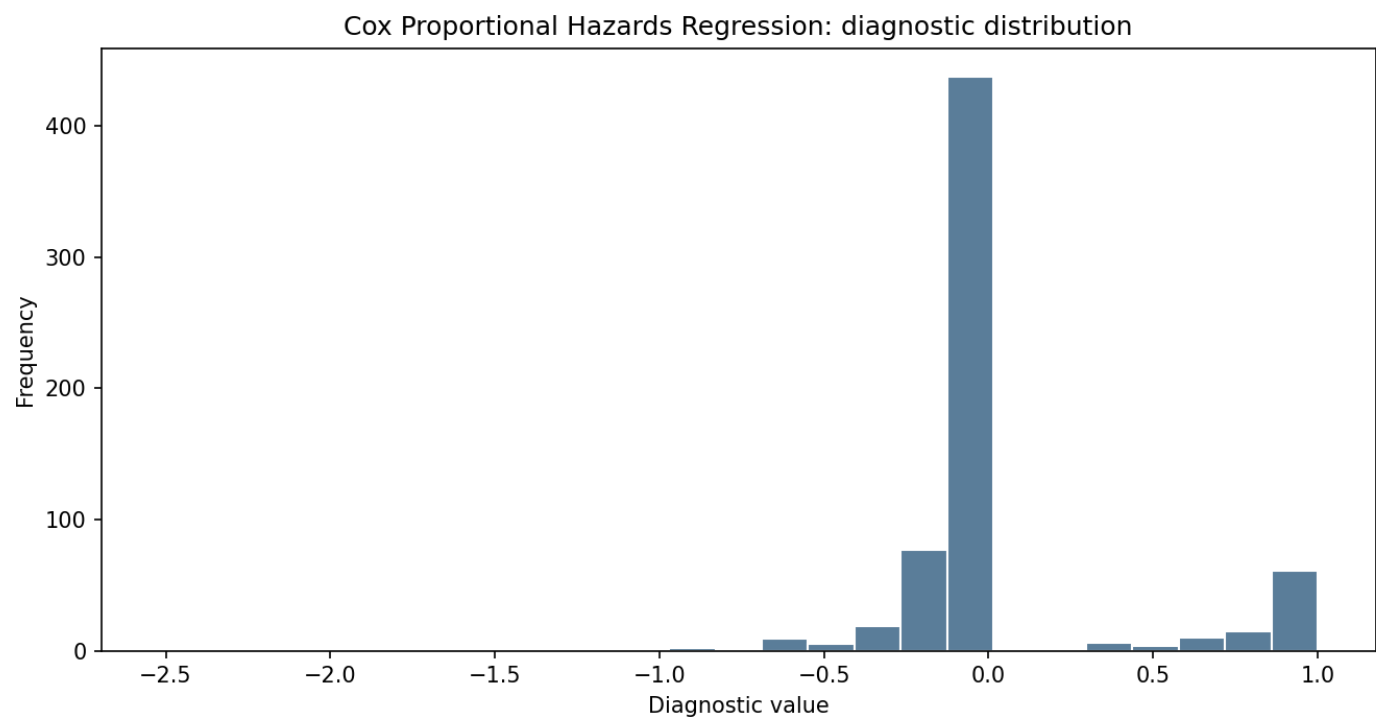


Cox Proportional Hazards Regression

semiparametric_regression | right-censored demonstration | page 3



Cox Proportional Hazards Regression



Cox Proportional Hazards Regression

