COX PH for miR-181, NfL and NfL + miR181

A

miR-181

***

C-index 0.56, AIC 2096

Hazard ratio
Survival from enrolment, 95% CI

NfL

***

C-index 0.59, AIC 2083

NfL+miR181

***

C-index 0.61, AIC 2071

KM curves for NfL only

C

Log rank $\chi^2=33.1$, p<0.0001

- Low NfL, median: 22.2m
- Intermediate NfL, median: 14.2m
- High NfL, median: 9.3m

D

Log rank $\chi^2=41.5$, p<0.0001

- Low NfL, low miR-181, median: 21.7m
- Intermediate NfL, low miR-181, median: 36.5m
- Intermediate NfL, high miR-181, median: 12m
- High NfL, median: 27m

KM curves for NfL with miR-181 in intermediate range

E

Log rank $\chi^2=41.6$, p<0.0001

- Low NfL, median: 55.6m
- Intermediate NfL, low miR-181, median: 55.6m
- Intermediate NfL, high miR-181, median: 30.2m
- High NfL, median: 27m

F

Log rank $\chi^2=51.1$, p<0.0001

- Low NfL, median: 55.6m
- Intermediate NfL, low miR-181, median: 48.1m
- Intermediate NfL, high miR-181, median: 30.2m
- High NfL, median: 27m

COX PH for miR-181 H/L in NfL tertiles

G

High NfL

Intermediate NfL

Low NfL

Hazard ratio
Survival from enrolment, 95% CI

H

Survival from onset (months)

C-index: 0.62

Survival from enrolment (months)

C-index: 0.56

Hazard ratio
Survival from enrolment, 95% CI

K

Predicted vs observed survival

- Observed (real) survival
- Survival predicted by clinical covariates
- Survival predicted by NfL + miR181

COX PH for NfL + miR181 and eight clinical covariates

I

C-index: 0.77

J

C-index: 0.82