Younger patients (age = 60)

Survival time (days)

P = 0.07431

Survival probabilities

High risk
Low risk

Elder patients (age > 60)

Survival time (days)

P = 0.00011

Survival probabilities

High risk
Low risk

Male

Survival time (days)

P = 0.02057

Survival probabilities

High risk
Low risk

Female

Survival time (days)

P = 8e−05

Survival probabilities

High risk
Low risk

Stage I+II

Survival time (days)

P = 0.0053

Survival probabilities

High risk
Low risk

Stage III+IV

Survival time (days)

P = 0.0038

Survival probabilities

High risk
Low risk

Lauren-Diffuse subtype

Survival time (days)

P = 0.7622

Survival probabilities

High risk
Low risk

Lauren-Intestinal subtype

Survival time (days)

P = 0.00682

Survival probabilities

High risk
Low risk

Lauren-Mixed subtype

Survival time (days)

P = 0.92384

Survival probabilities

High risk
Low risk

MSI−H

Survival time (days)

P = 0.0482

Survival probabilities

High risk
Low risk

MSI−L

Survival time (days)

P = 0.08418

Survival probabilities

High risk
Low risk

MSS

Survival time (days)

P = 0.15306

Survival probabilities

High risk
Low risk

6-gene signature

Age

Gender

T

N

M

Stage

Grade

HR

P Value

6-gene signature 2.203(1.498 – 3.241) < 0.0001

Age 0.991(0.974 – 1.008) 0.279

Gender 1.65(1.1 – 2.474) 0.015

T 1.737(1.106 – 2.728) 0.017

N 1.829(1.276 – 2.622) 0.001

M 1.539(0.864 – 2.741) 0.143

Stage 1.665(1.14 – 2.432) 0.008

Grade 1.51(1.032 – 2.209) 0.034

6-gene signature 1.976(1.335 – 2.926) 0.001

Age 0.995(0.978 – 1.013) 0.591

Gender 1.623(1.079 – 2.439) 0.020

T 1.203(0.764 – 1.893) 0.425

N 1.828(1.203 – 2.778) 0.005

M 1.514(0.84 – 2.729) 0.168

Stage 0.894(0.604 – 1.323) 0.575

Grade 1.286(0.862 – 1.916) 0.217

0.5 1 1.5 2 2.5 3