

GAMLSS Growth Curves Report

This is the output report for fitted GAMLSS models ran on: 2024-12-20 22:50:54.470383

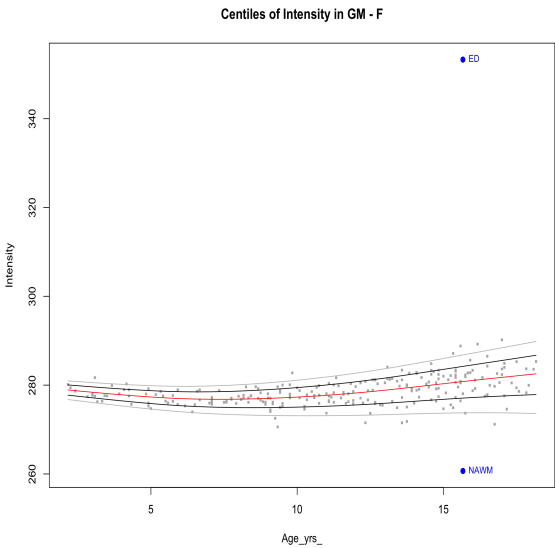
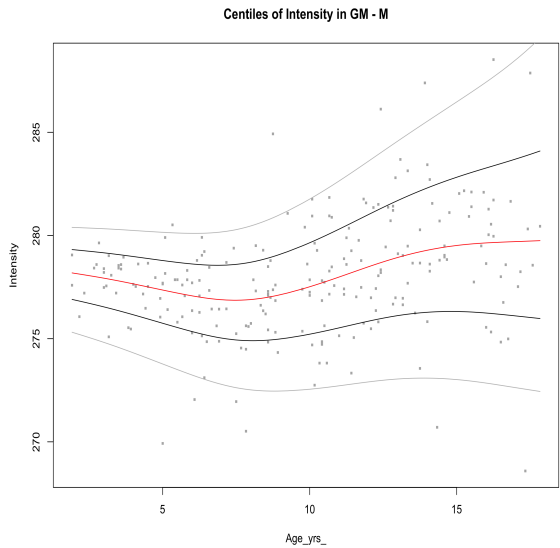
Run time: 0 h 0 min 22 s

Optimized model parameters

Biomarker: Intensity

GM Model Parameters for Male and Female

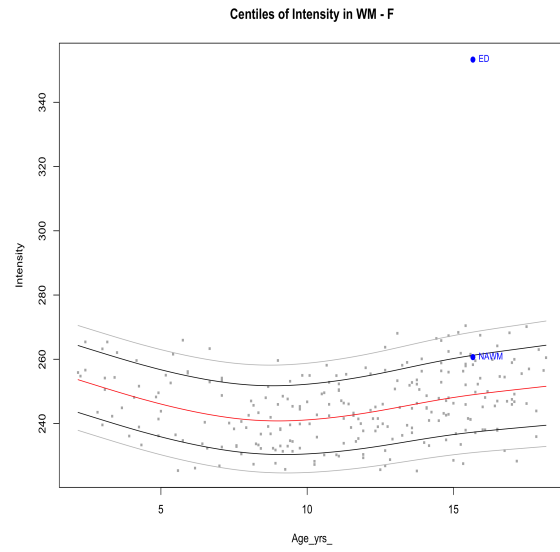
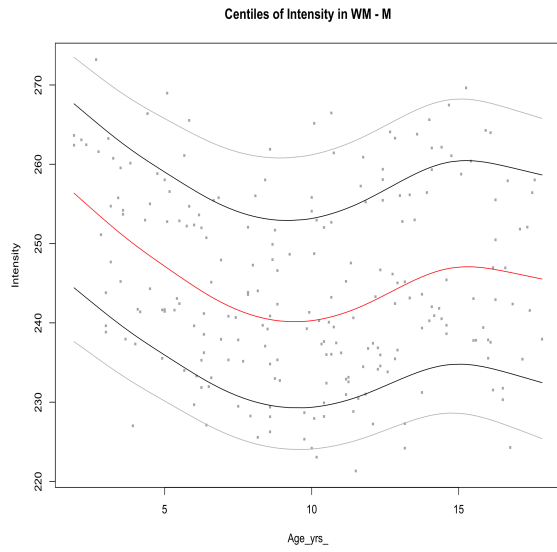
Parameter	Value (M)	Value (F)
(Intercept)	276.347828	275.171244
pb(Age_yrs_)	0.175269	0.316420
mu	Not Applicable	Not Applicable
sigma	Not Applicable	Not Applicable
nu	Not Applicable	Not Applicable
tau	Not Applicable	Not Applicable



Growth curves of males and females in GM (Disease Tissue)

WM Model Parameters for Male and Female

Parameter	Value (M)	Value (F)
(Intercept)	246.890305	241.914421
pb(Age_yrs_)	-0.234056	0.311327
mu	Not Applicable	Not Applicable
sigma	Not Applicable	Not Applicable
nu	Not Applicable	Not Applicable
tau	Not Applicable	Not Applicable

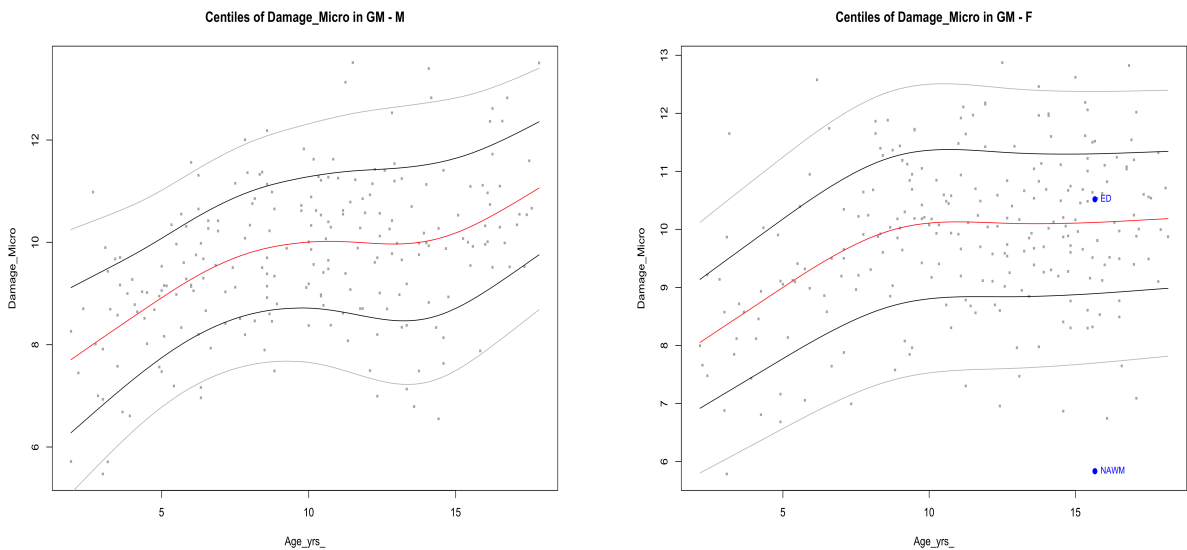


Growth curves of males and females in WM (Disease Tissue)

Biomarker: Damage_Micro

GM Model Parameters for Male and Female

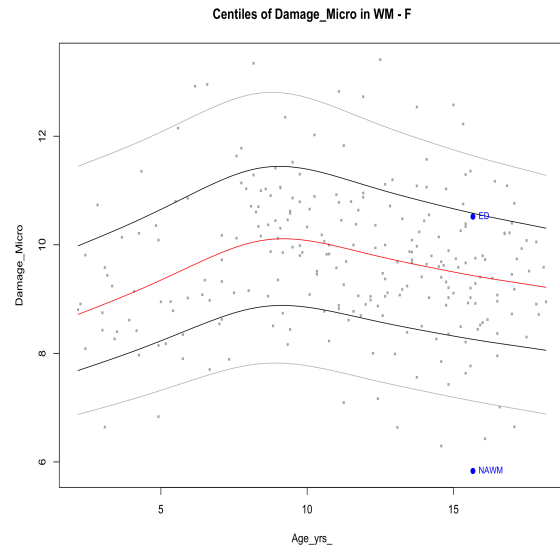
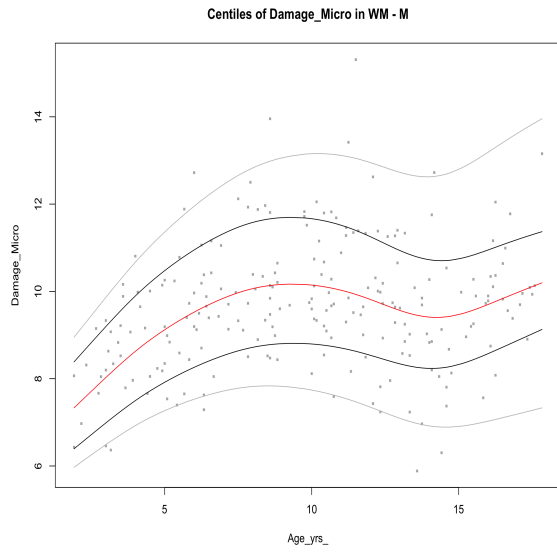
Parameter	Value (M)	Value (F)
(Intercept)	8.157630	8.685730
pb(Age_yrs_)	0.154529	0.103590
mu	Not Applicable	Not Applicable
sigma	Not Applicable	Not Applicable
nu	Not Applicable	Not Applicable
tau	Not Applicable	Not Applicable



Growth curves of males and females in GM (Disease Tissue)

WM Model Parameters for Male and Female

Parameter	Value (M)	Value (F)
(Intercept)	8.349222	9.648133
pb(Age_yrs_)	0.134533	-0.001155
mu	Not Applicable	Not Applicable
sigma	Not Applicable	Not Applicable
nu	Not Applicable	Not Applicable
tau	Not Applicable	Not Applicable



Growth curves of males and females in WM (Disease Tissue)