Speciation rates – Combined effects
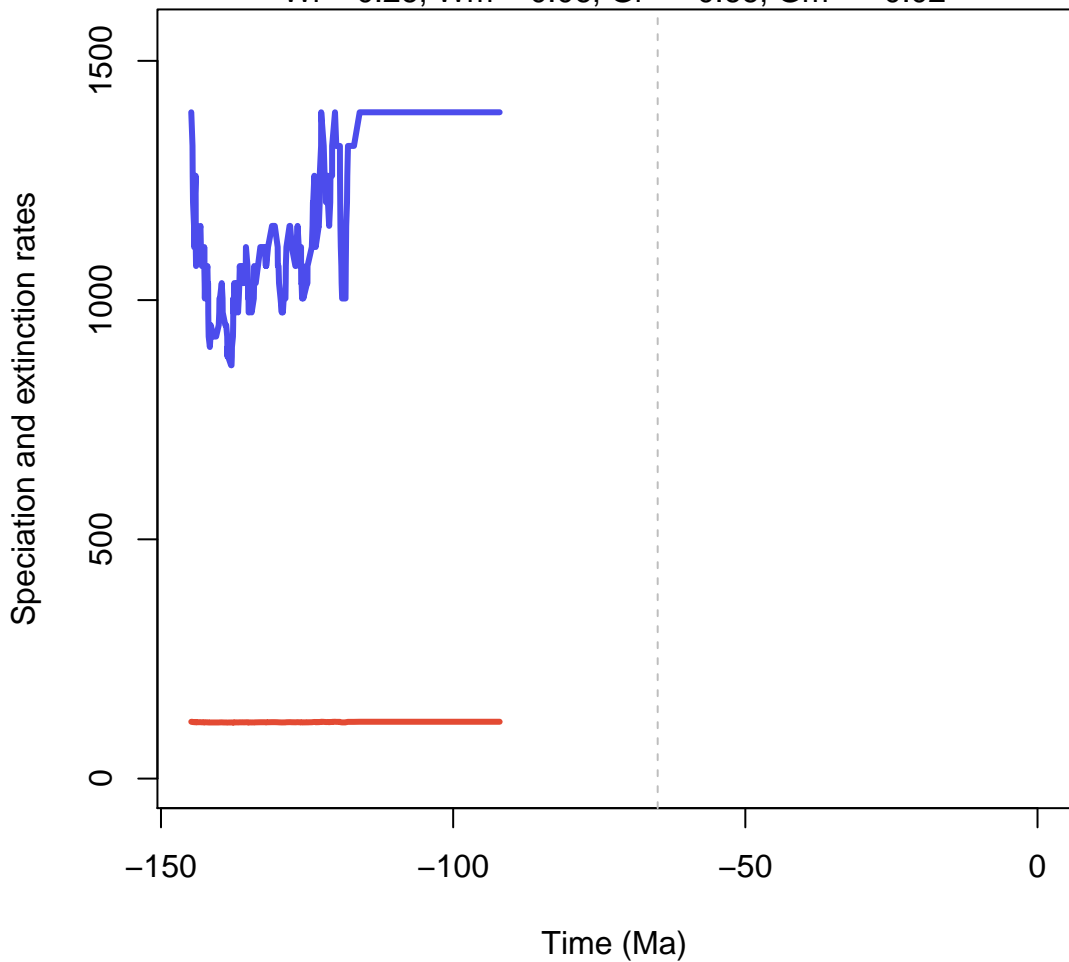
Exponential correlations
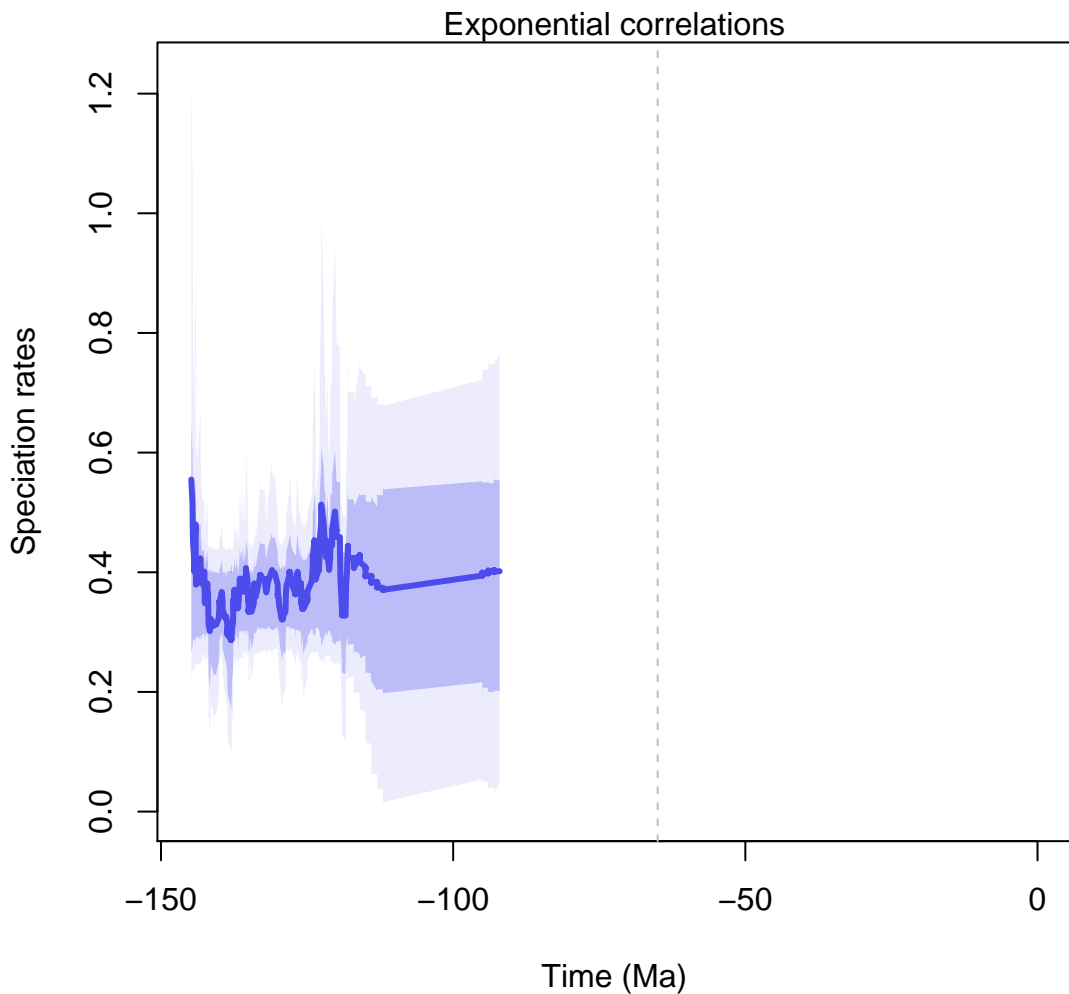
Extinction rates – Combined effects
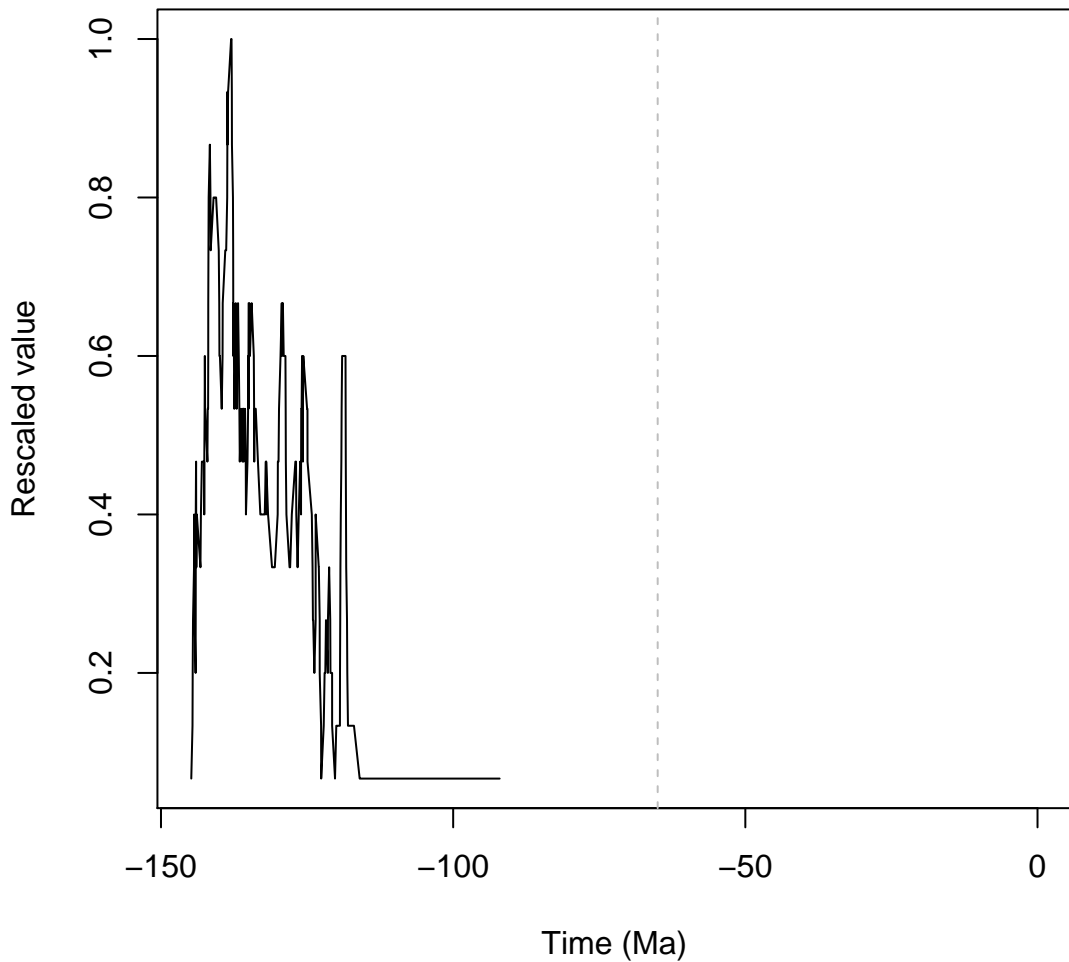
Exponential correlations
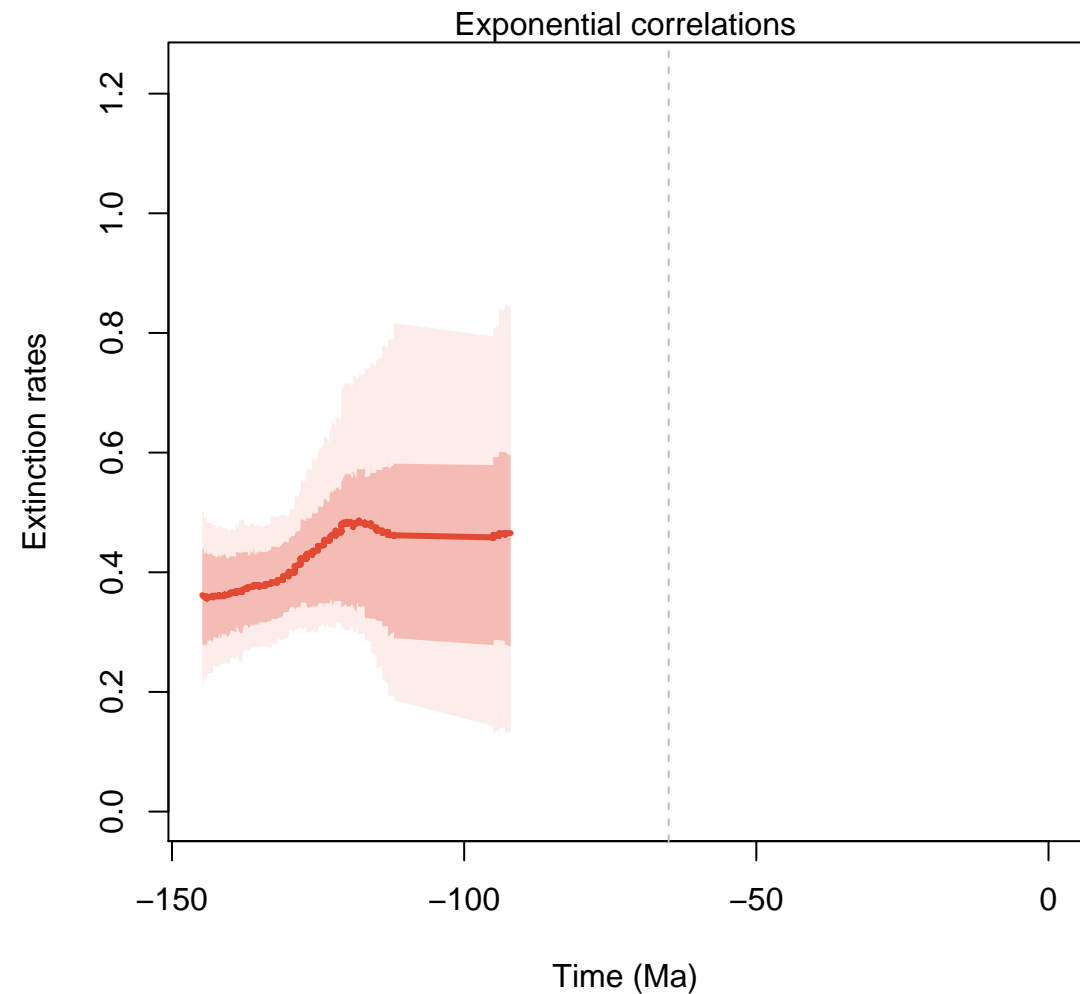
Effect of: Diversity dependence

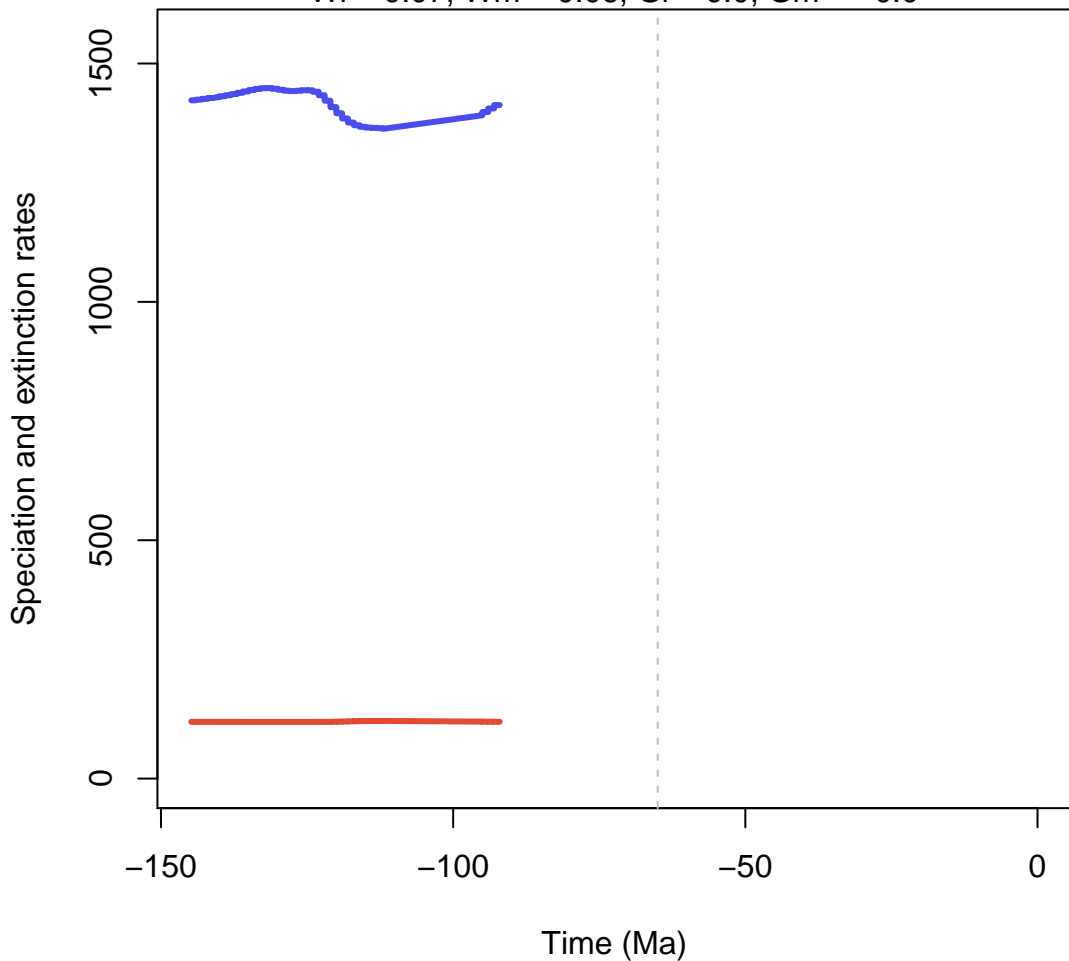Wl = 0.26, Wm = 0.06, Gl = −0.66, Gm = −0.02

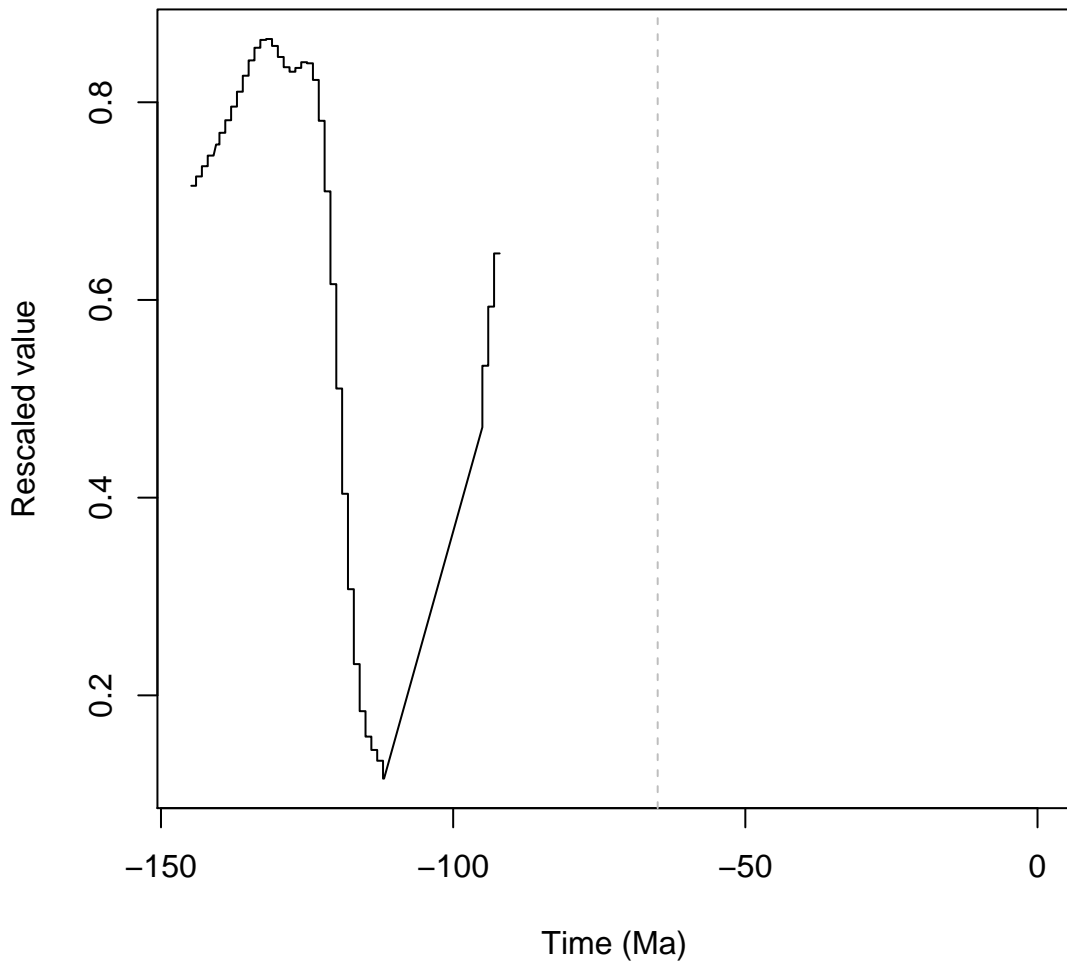**Trajectory of variable: Diversity dependence**

Effect of: BN_WAfSAm_interpolated
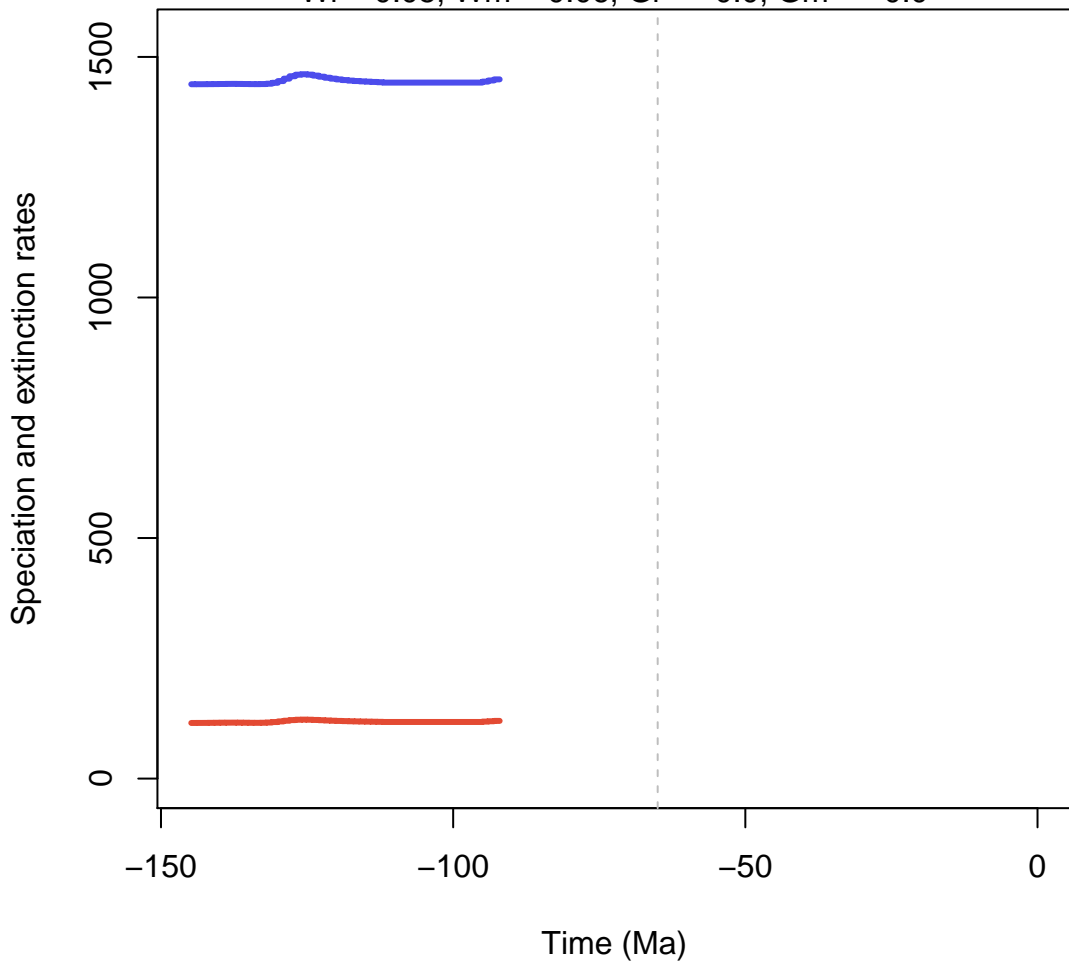
WI = 0.07, Wm = 0.06, GI = 0.0, Gm = −0.0
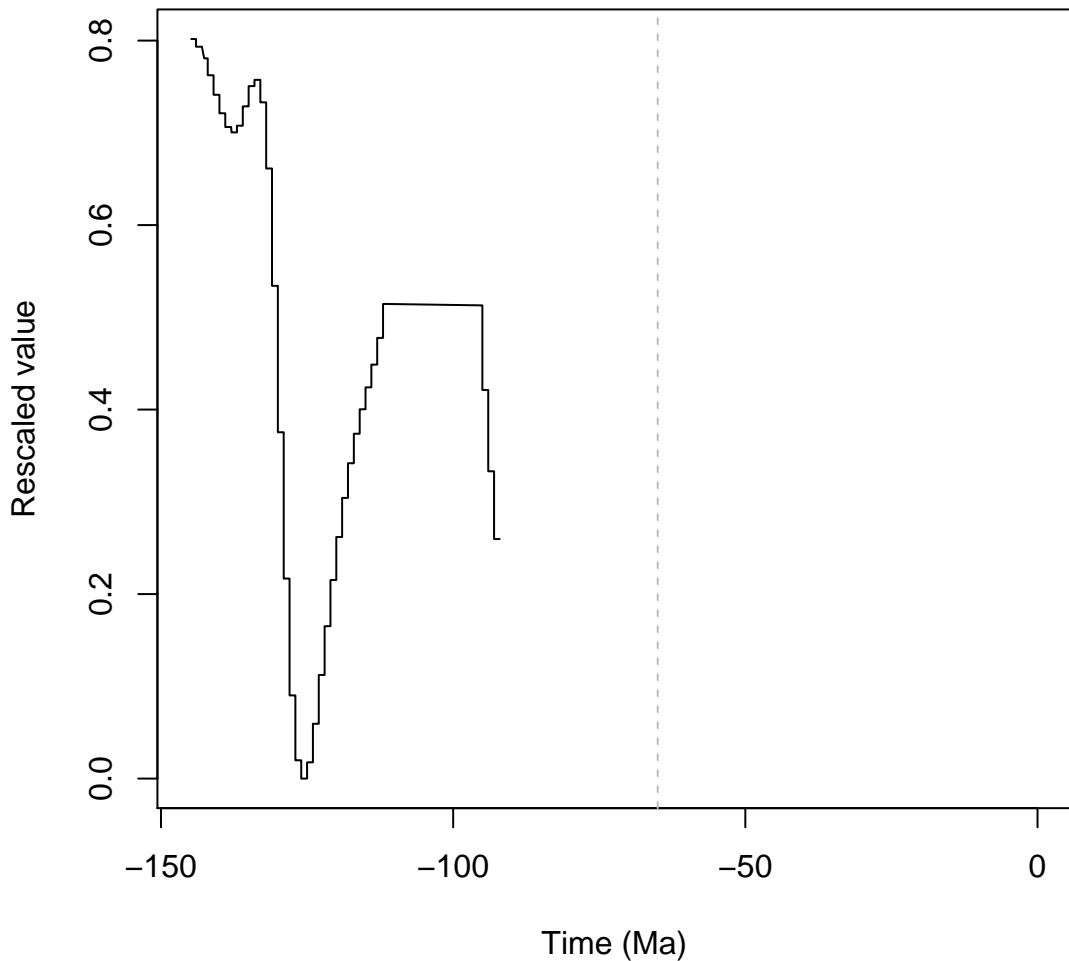
Trajectory of variable: BN_WAfSAm_interpolated

Effect of: BS_WAfSAm_interpolated

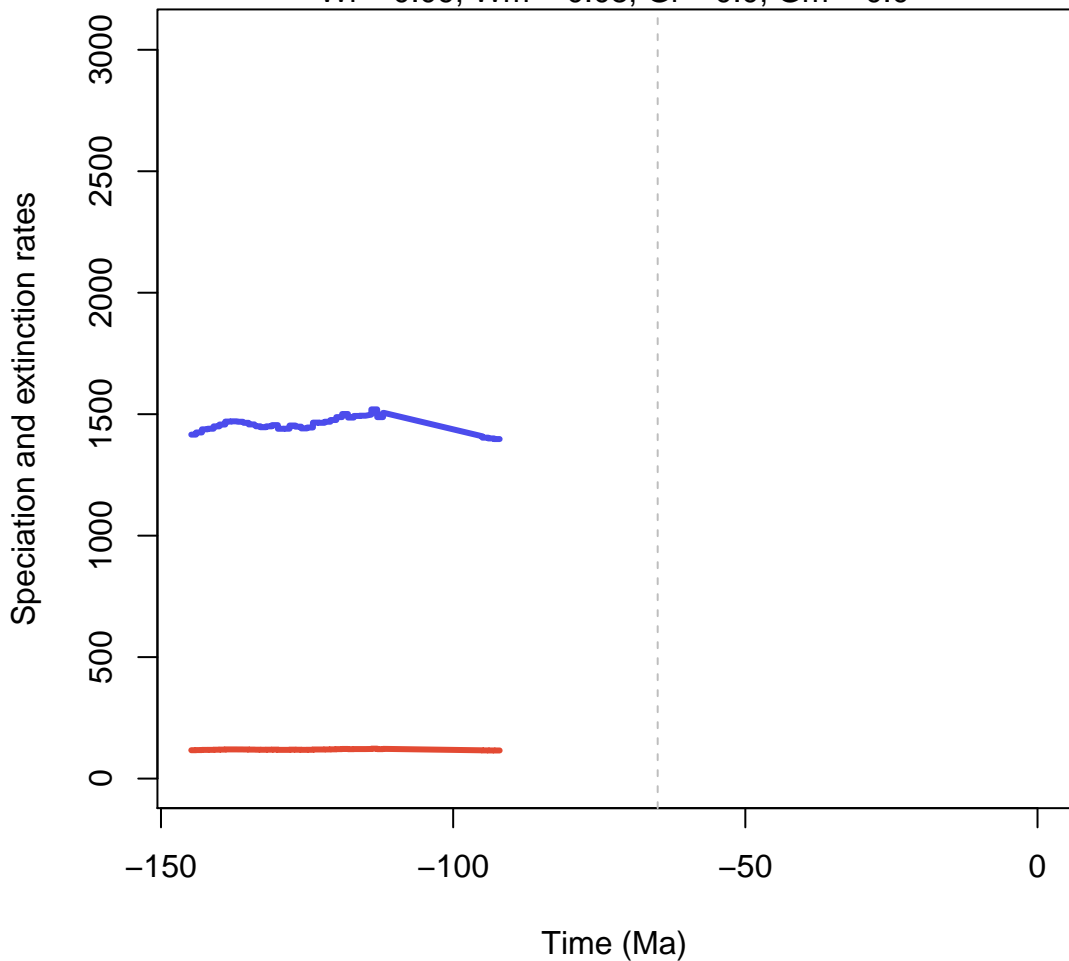Wl = 0.05, Wm = 0.06, Gl = −0.0, Gm = −0.0

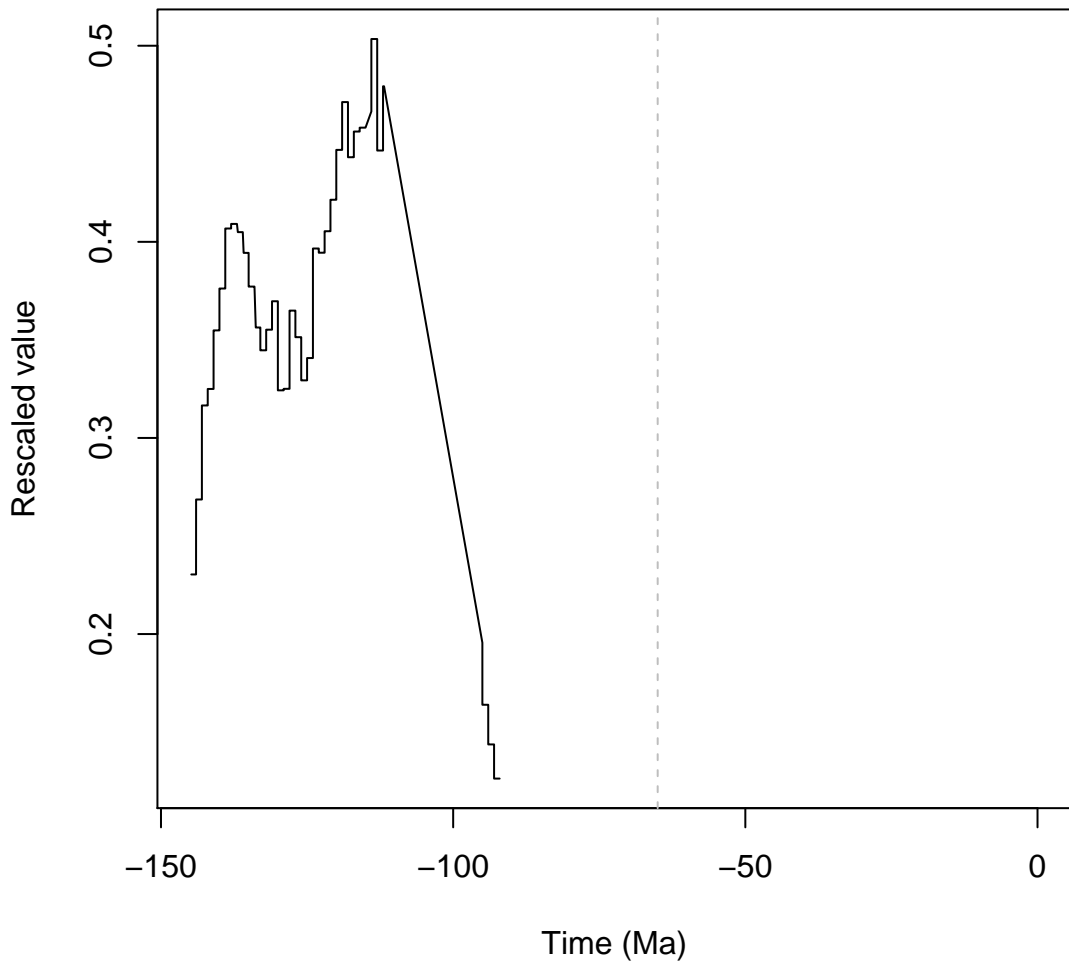**Trajectory of variable: BS_WAfSAm_interpolated**

Effect of: CO2_Foster_interpolated

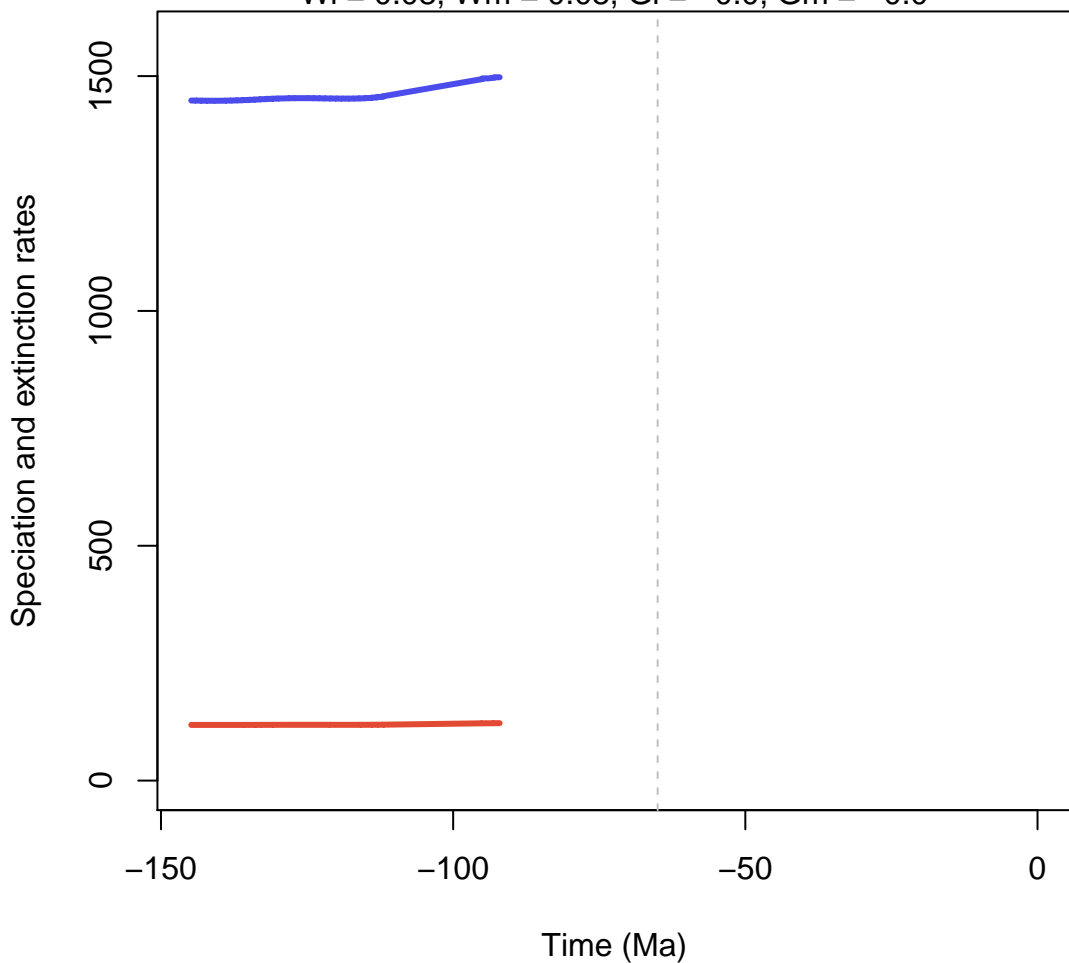WI = 0.09, Wm = 0.08, GI = 0.0, Gm = 0.0
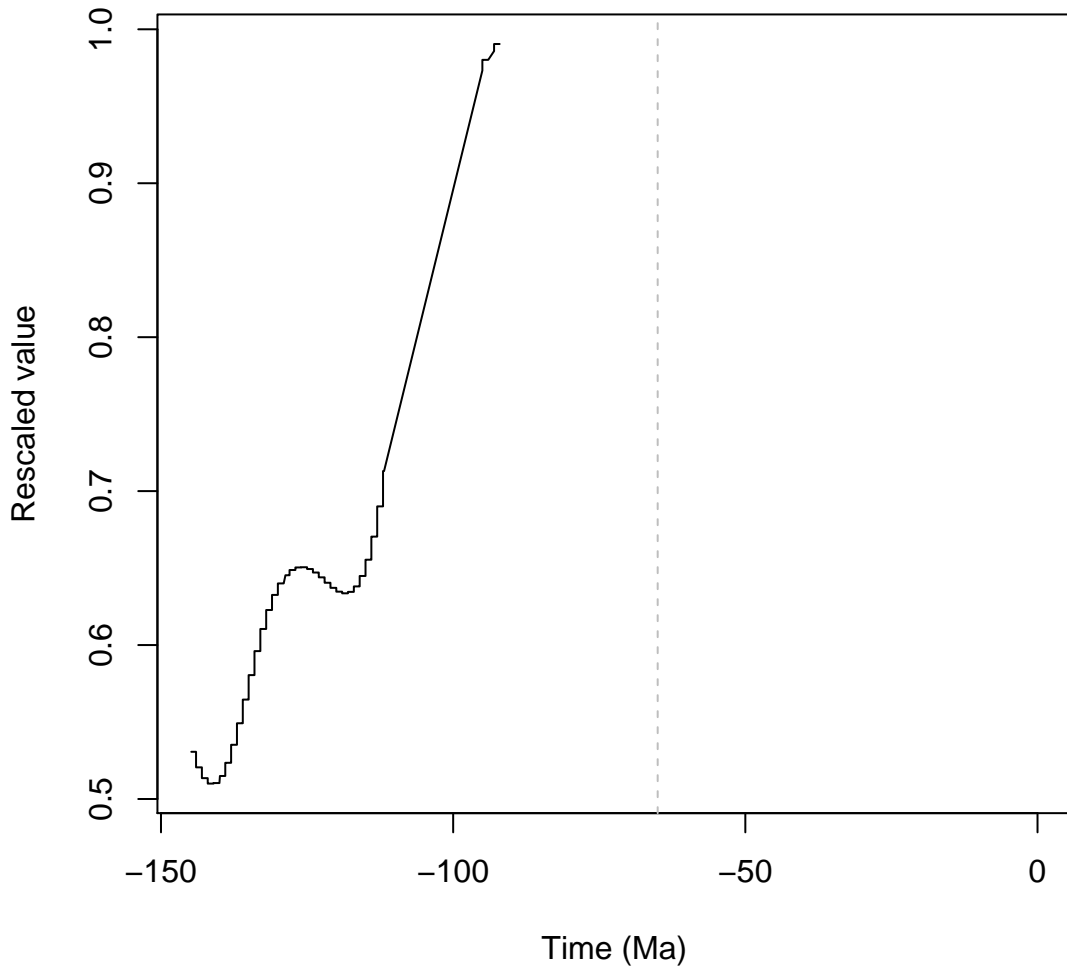
Trajectory of variable: CO2_Foster_interpolated

Effect of: ESL_Haq_interpolated
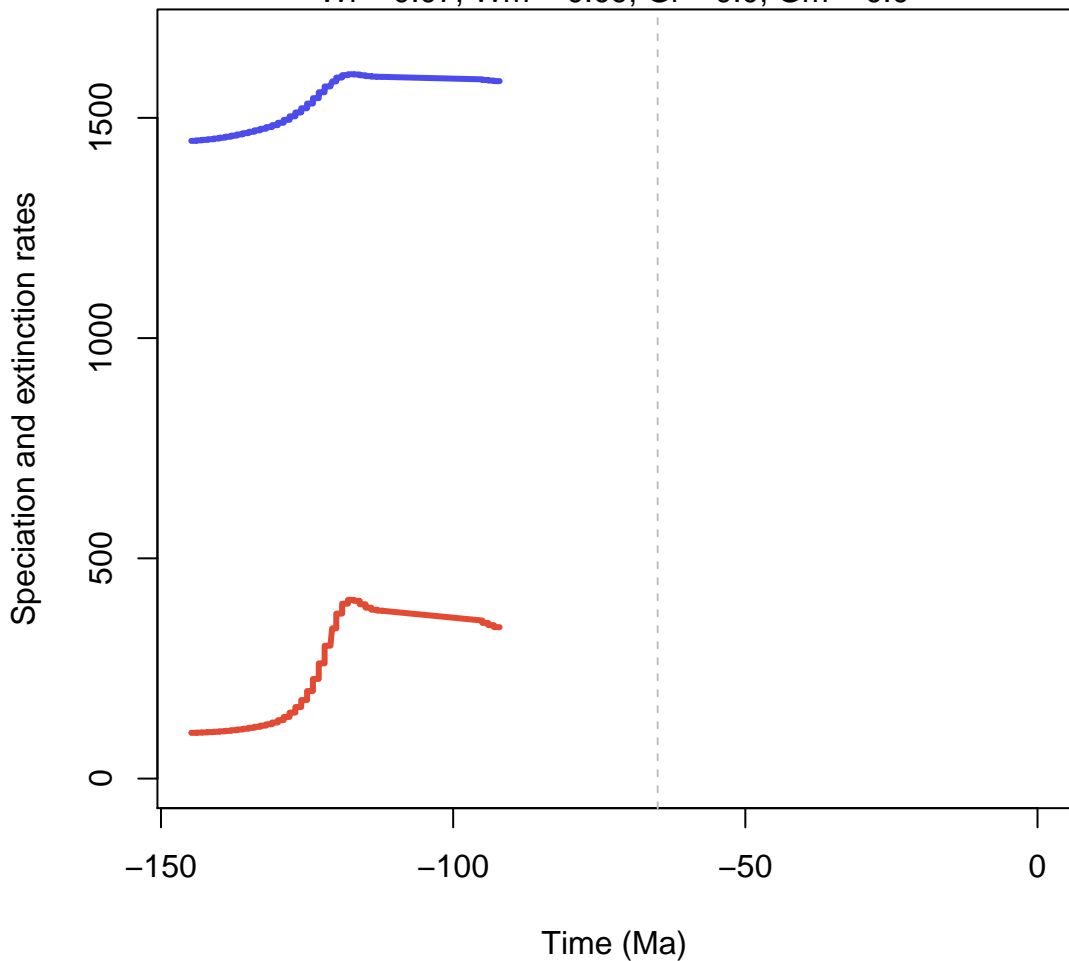
WI = 0.08, Wm = 0.08, GI = −0.0, Gm = −0.0

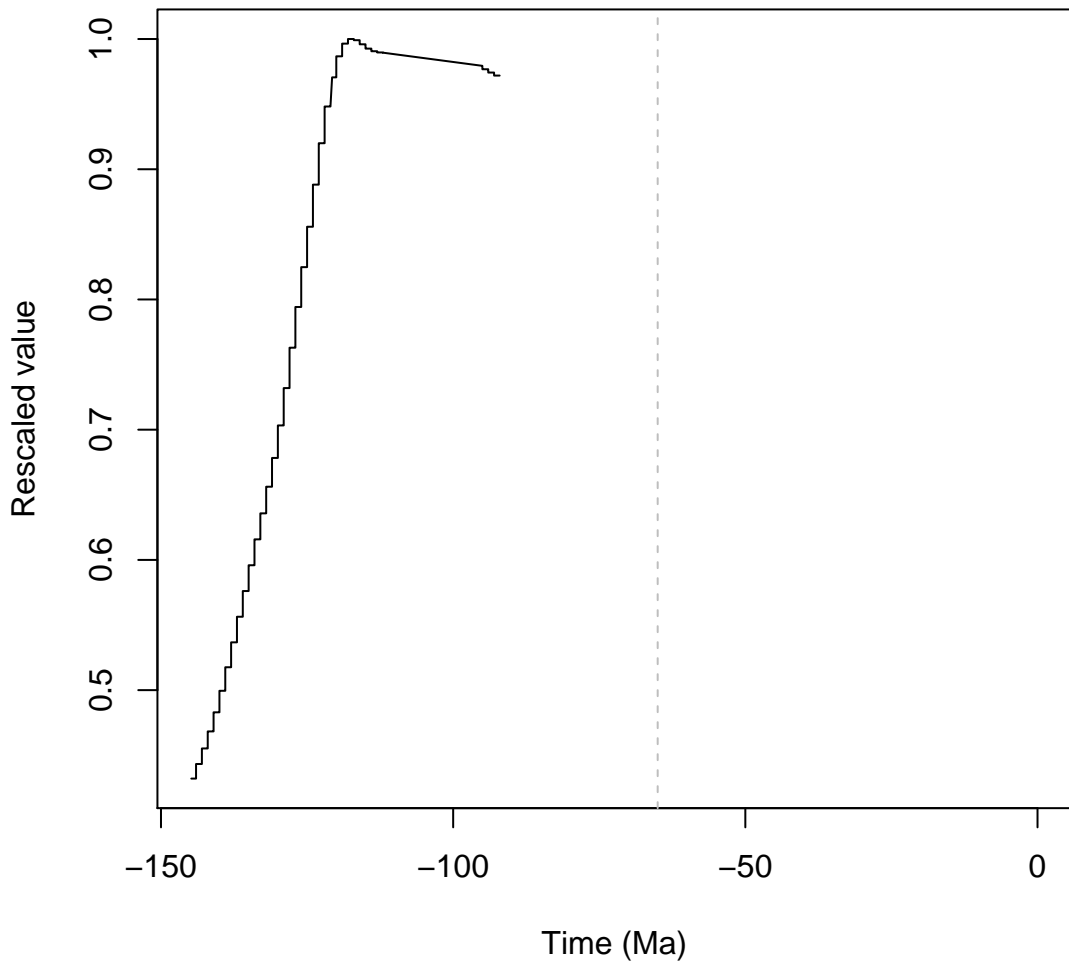**Trajectory of variable: ESL_Haq_interpolated**

Effect of: ESL_Karlsen_interpolated
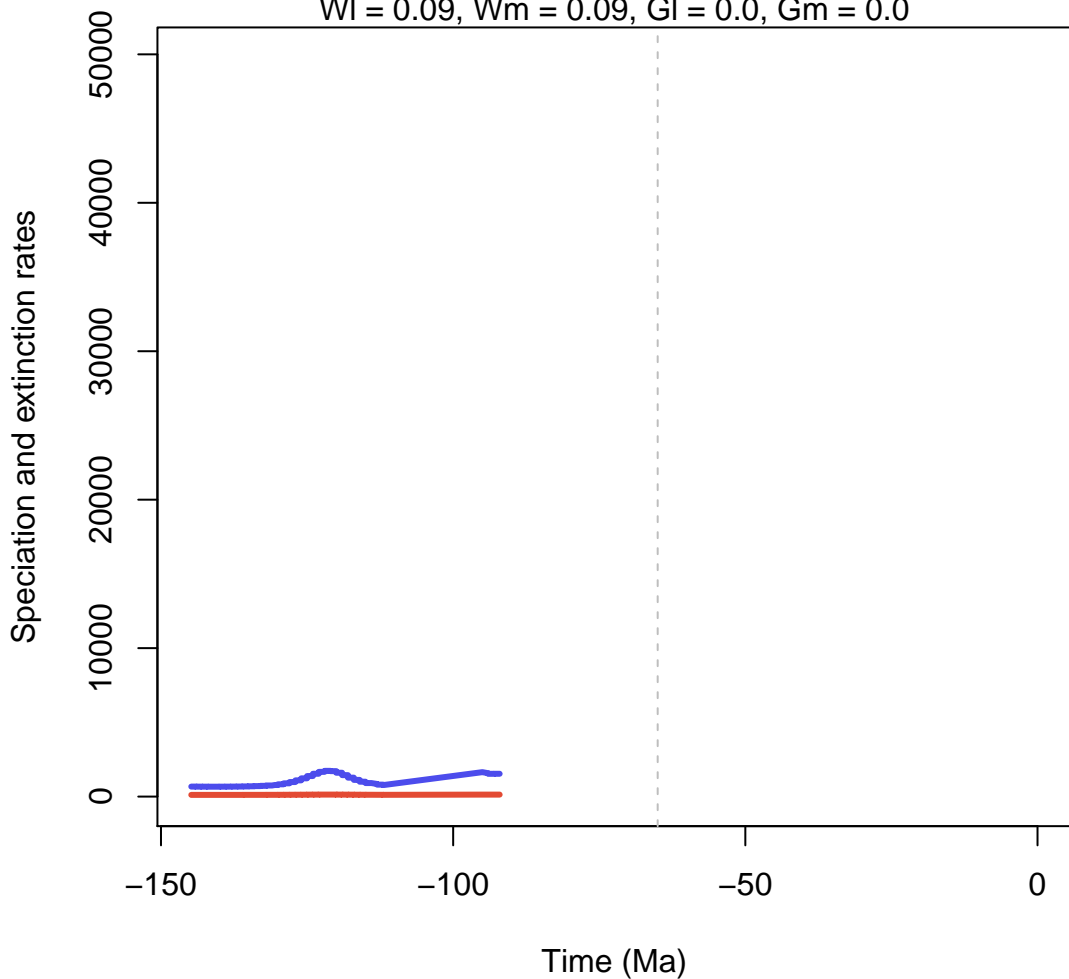
WI = 0.07, Wm = 0.09, GI = 0.0, Gm = 0.0
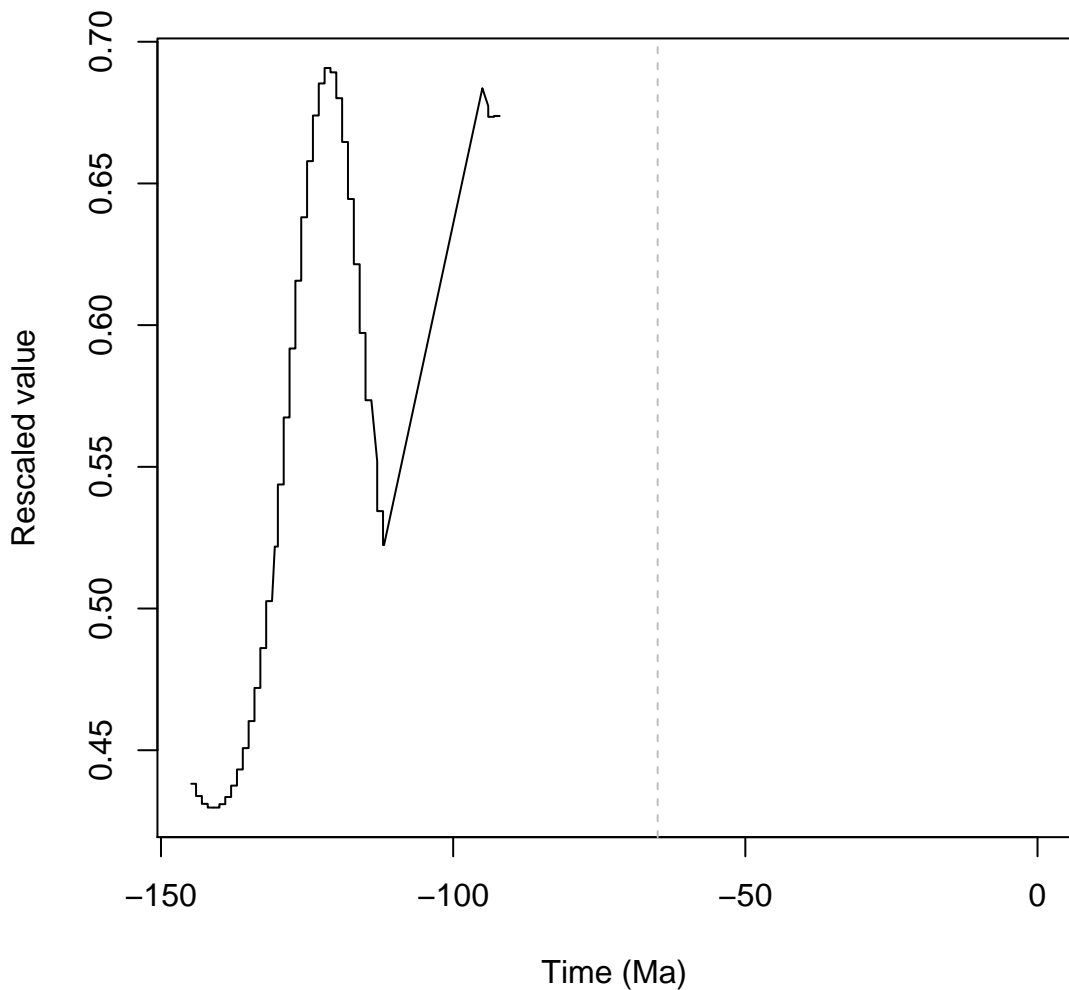
Trajectory of variable: ESL_Karlsen_interpolated

Effect of: ESL_Marcilly_ML_interpolated

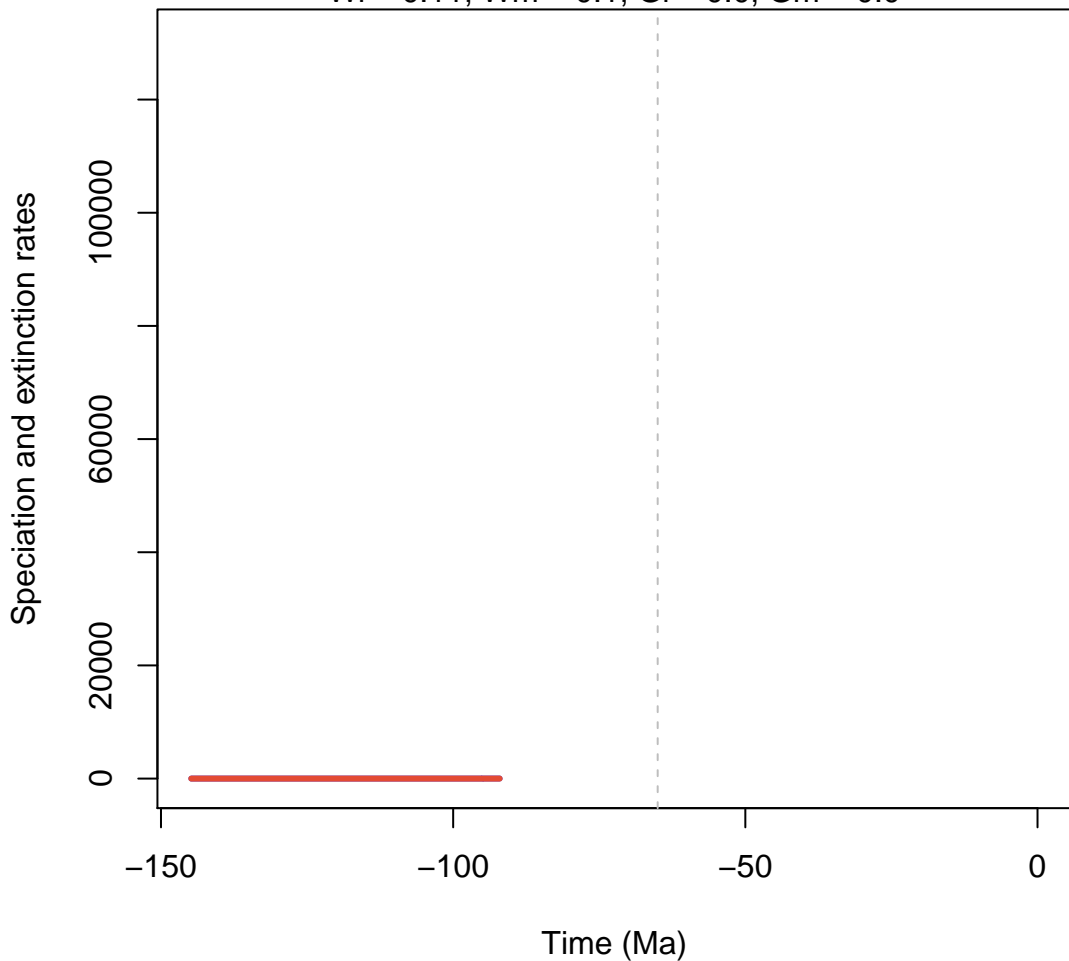Wl = 0.09, Wm = 0.09, Gl = 0.0, Gm = 0.0

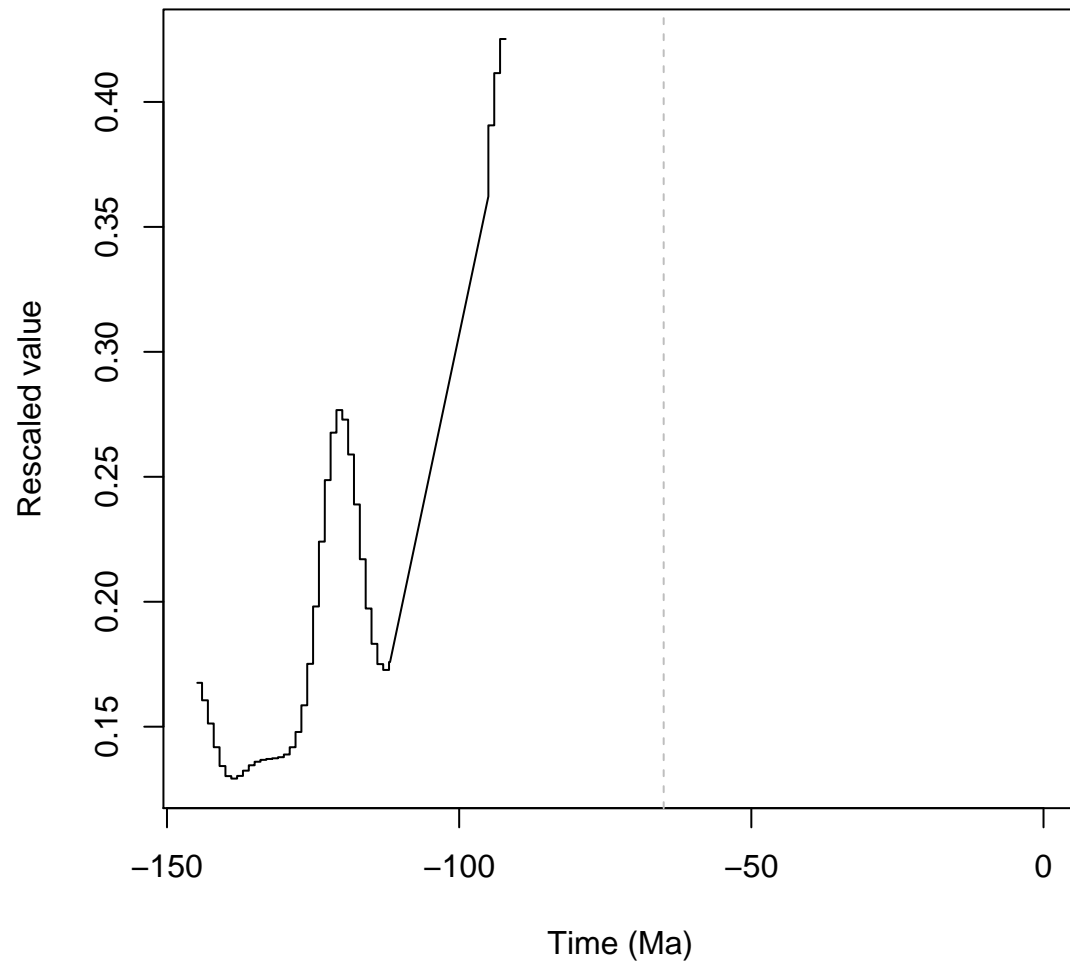**Trajectory of variable: ESL_Marcilly_ML_interpolated**

Effect of: ESL_Scotese_interpolated
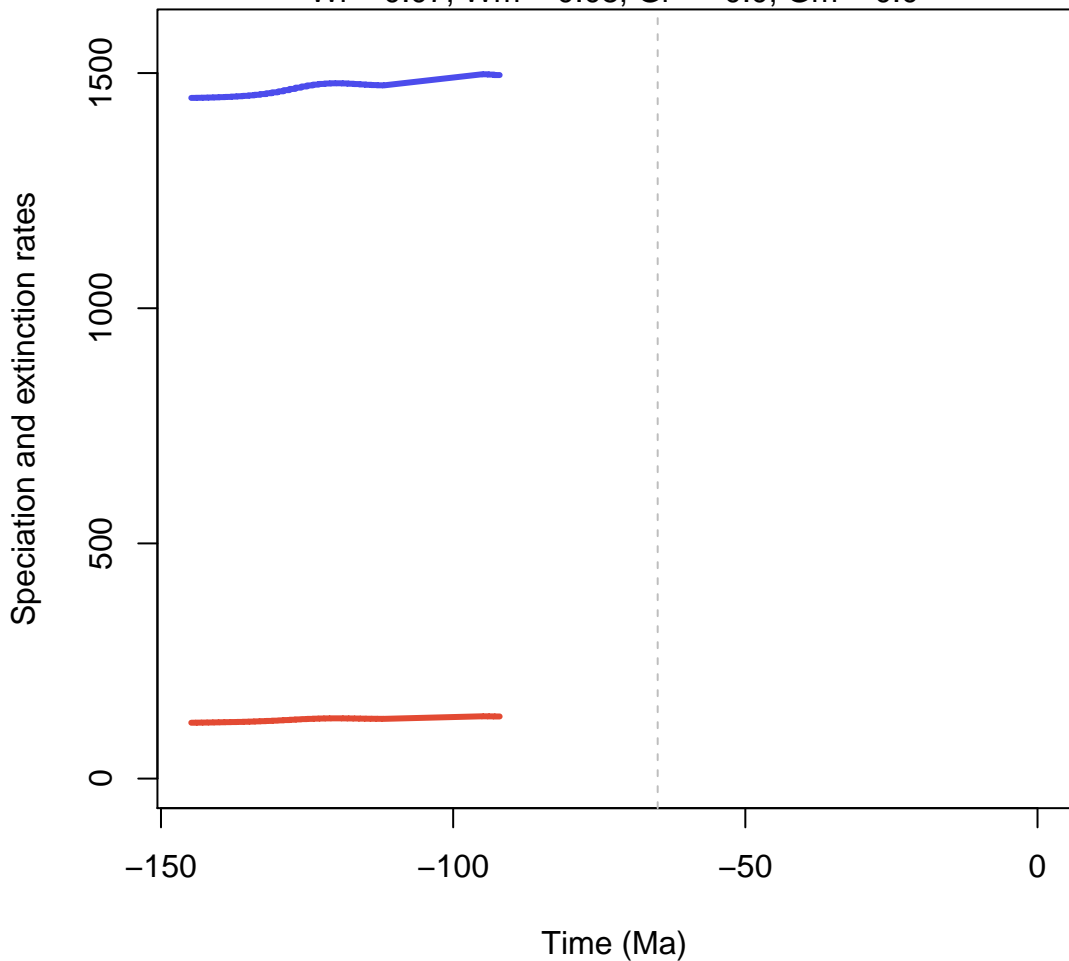
WI = 0.11, Wm = 0.1, GI = 0.0, Gm = 0.0
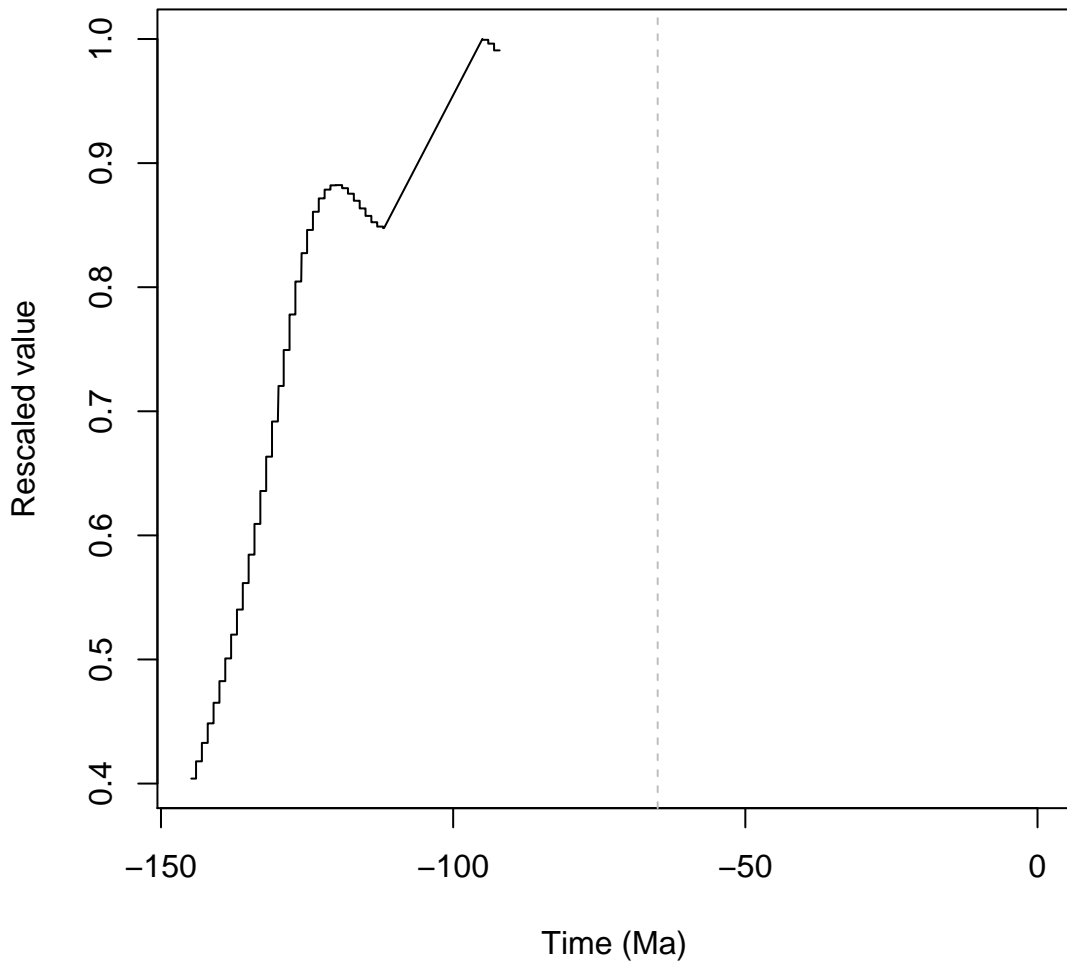
Trajectory of variable: ESL_Scotese_interpolated

Effect of: ESL_Verard_interpolated
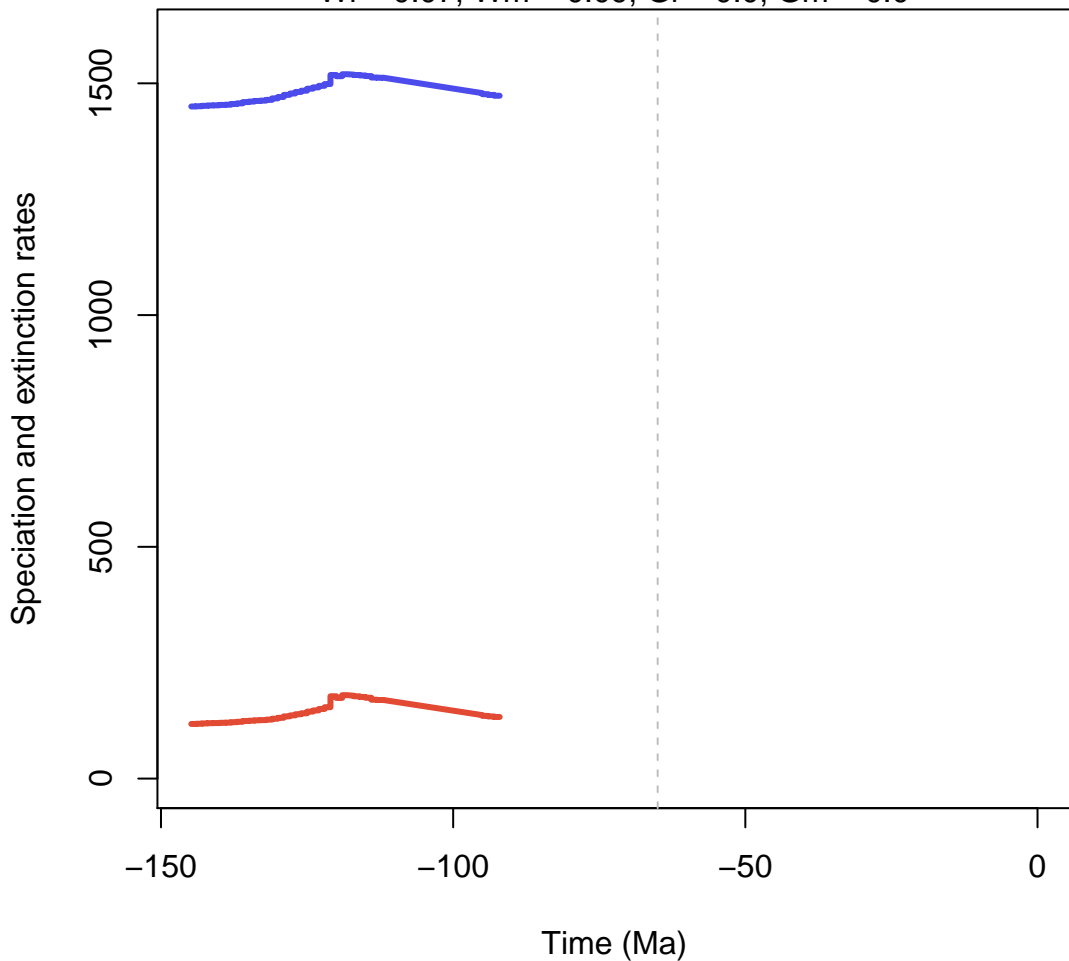
WI = 0.07, Wm = 0.08, Gl = −0.0, Gm = 0.0

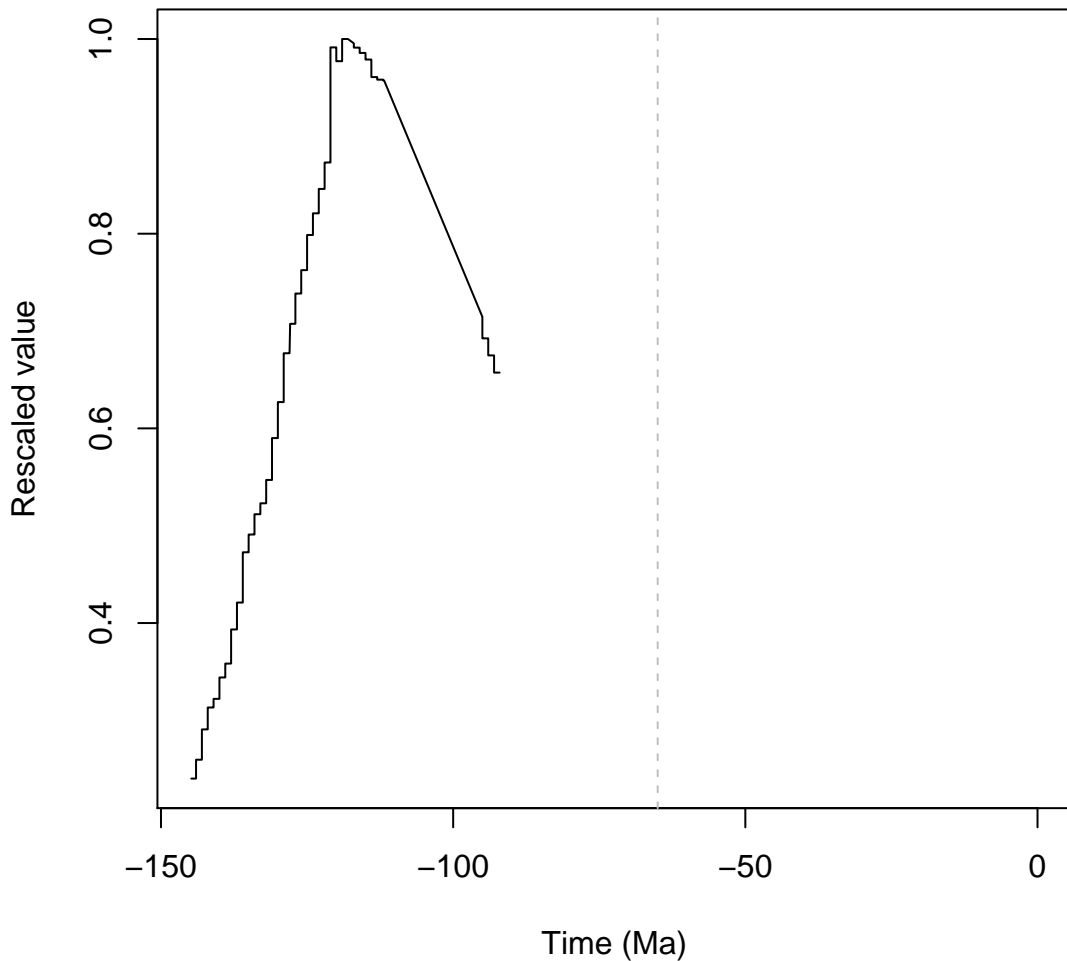**Trajectory of variable: ESL_Verard_interpolated**

Effect of: ESL_Wright_interpolated
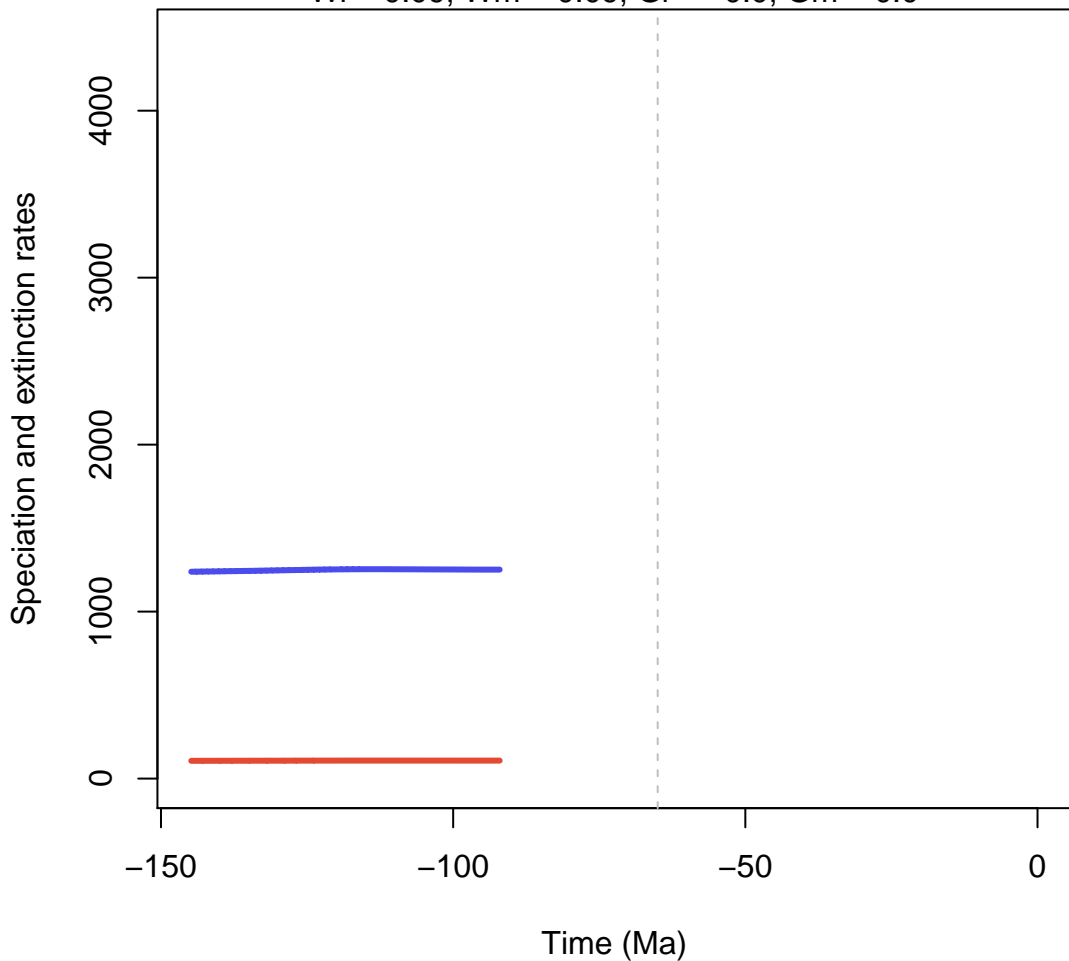
WI = 0.07, Wm = 0.09, GI = 0.0, Gm = 0.0
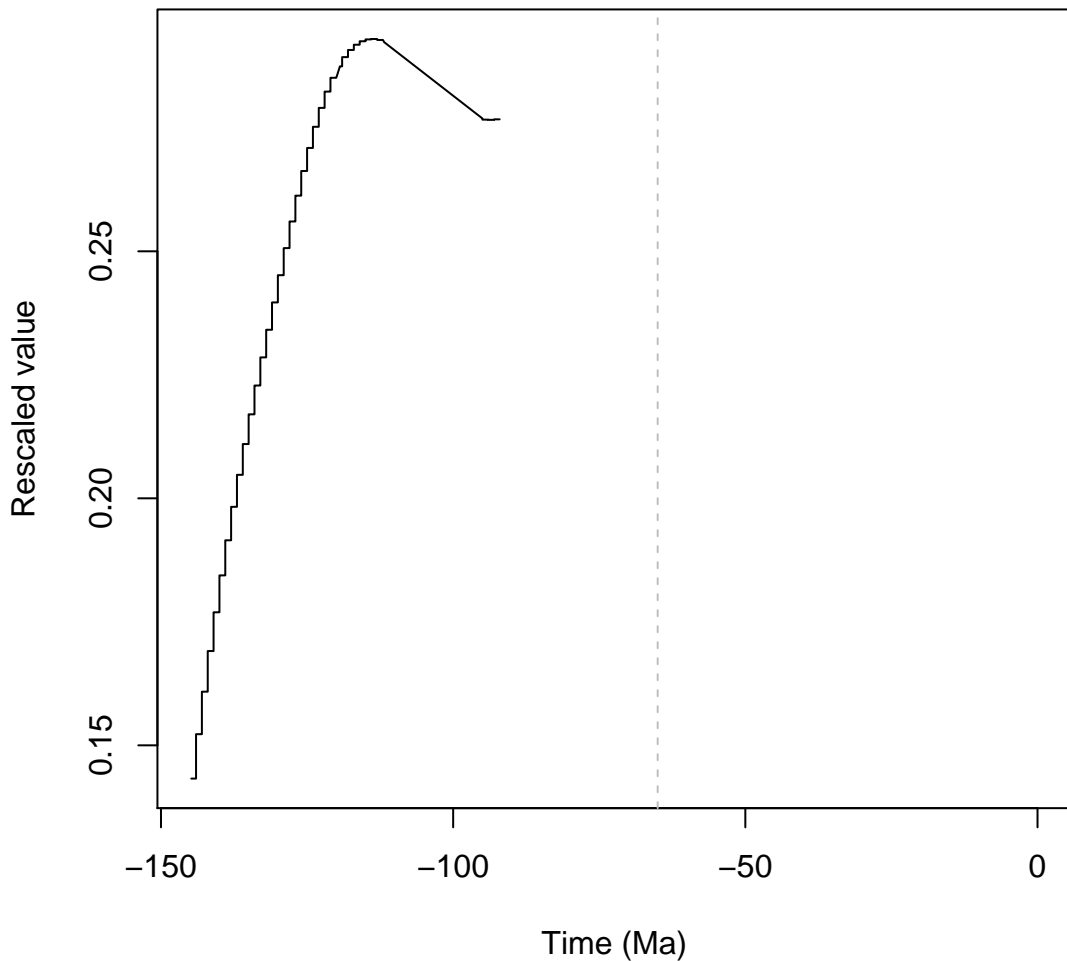
Trajectory of variable: ESL_Wright_interpolated

Effect of: ESL_Young_M21RD_interpolated

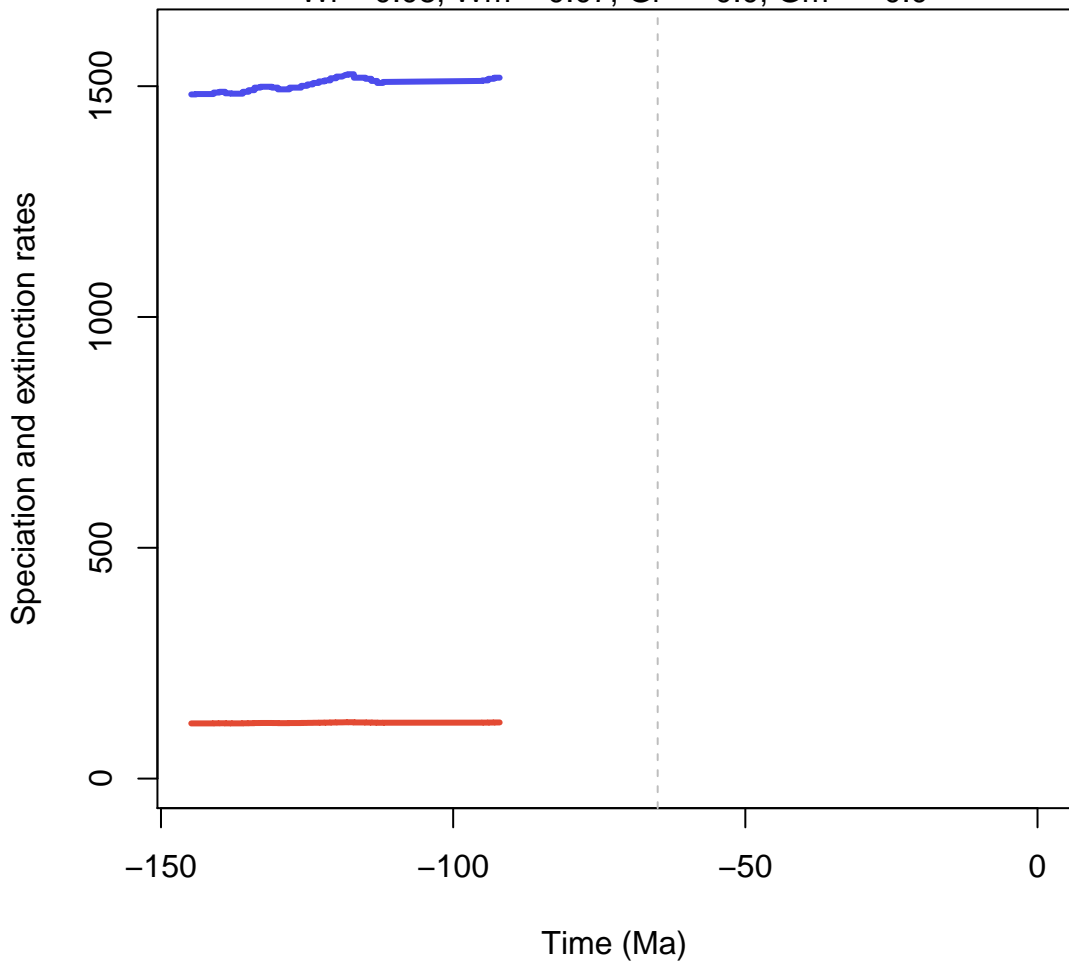WI = 0.09, Wm = 0.09, GI = −0.0, Gm = 0.0
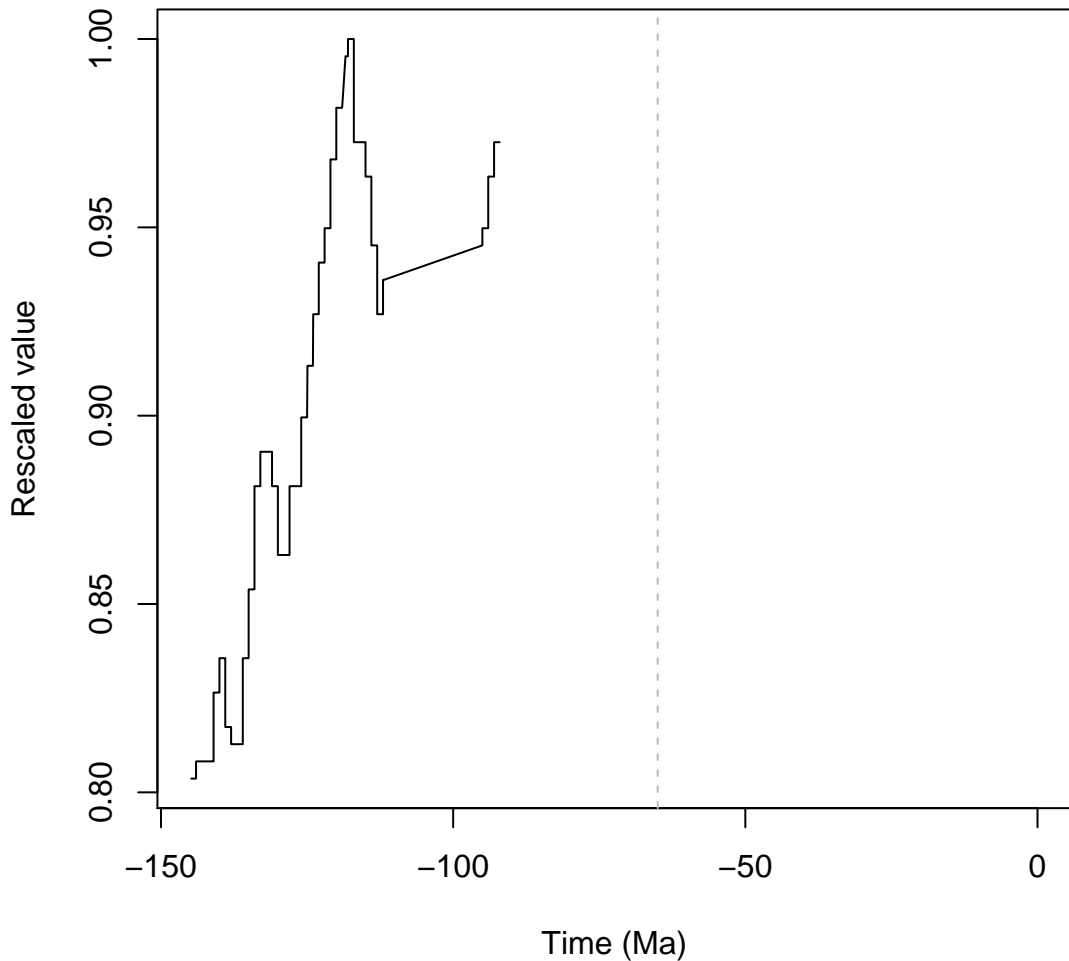
Trajectory of variable: ESL_Young_M21RD_interpolated

Effect of: ESL_vanderMeer_interpolated

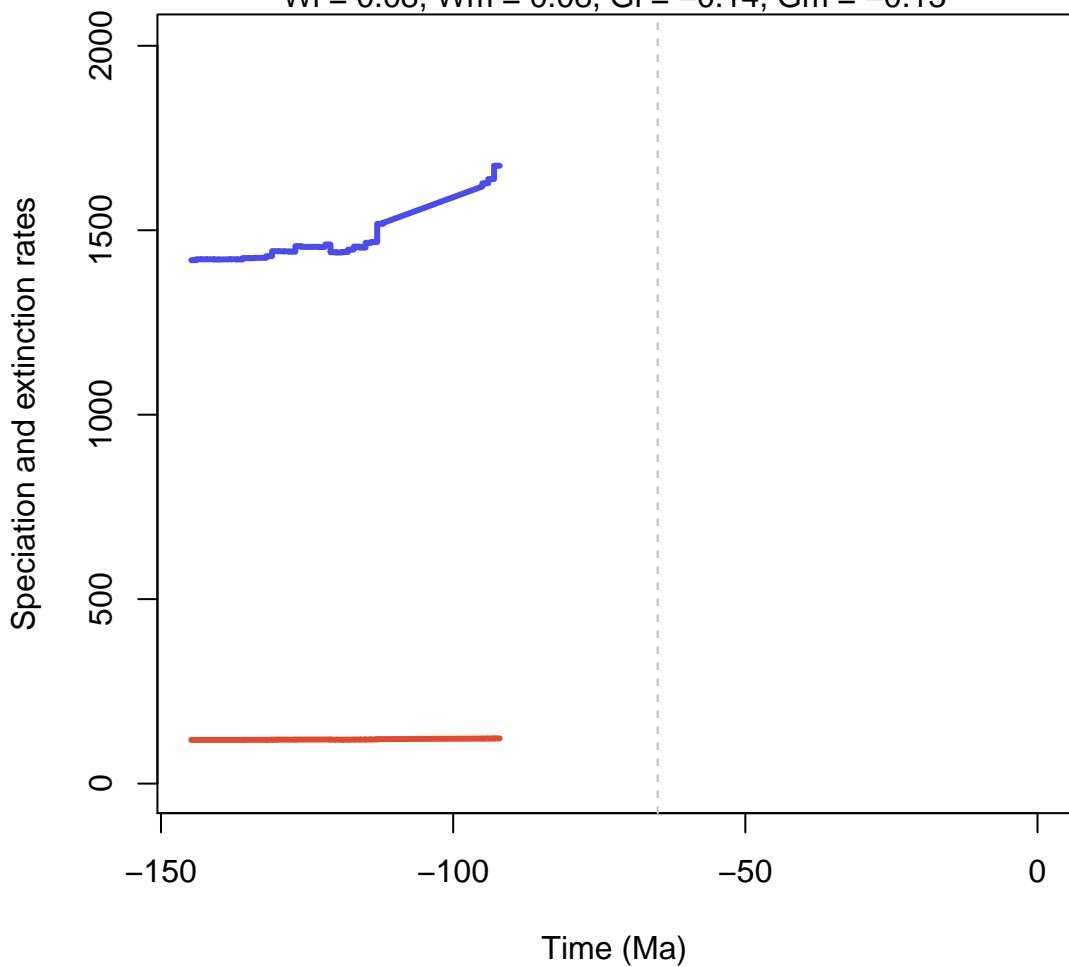Wl = 0.08, Wm = 0.07, Gl = −0.0, Gm = −0.0

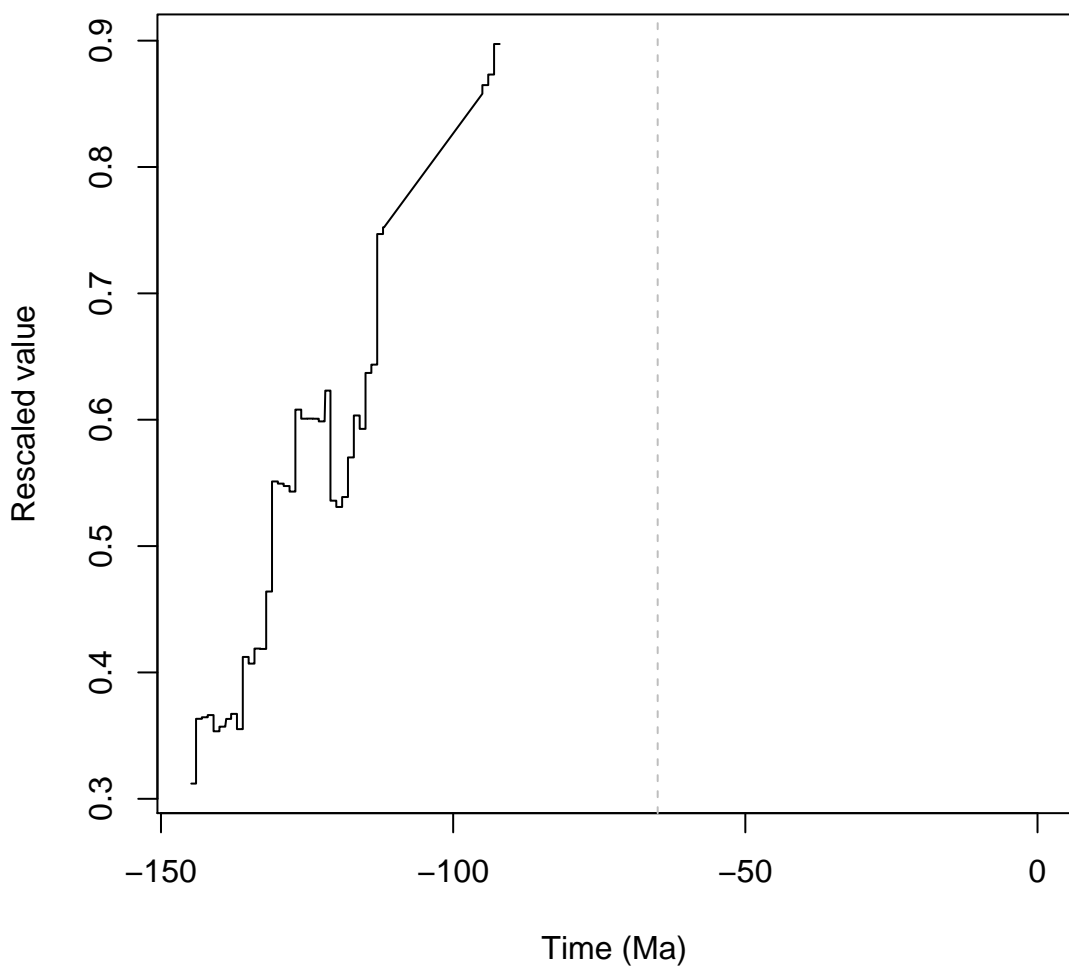**Trajectory of variable: ESL_vanderMeer_interpolated**

Effect of: Fragmentation_interpolated

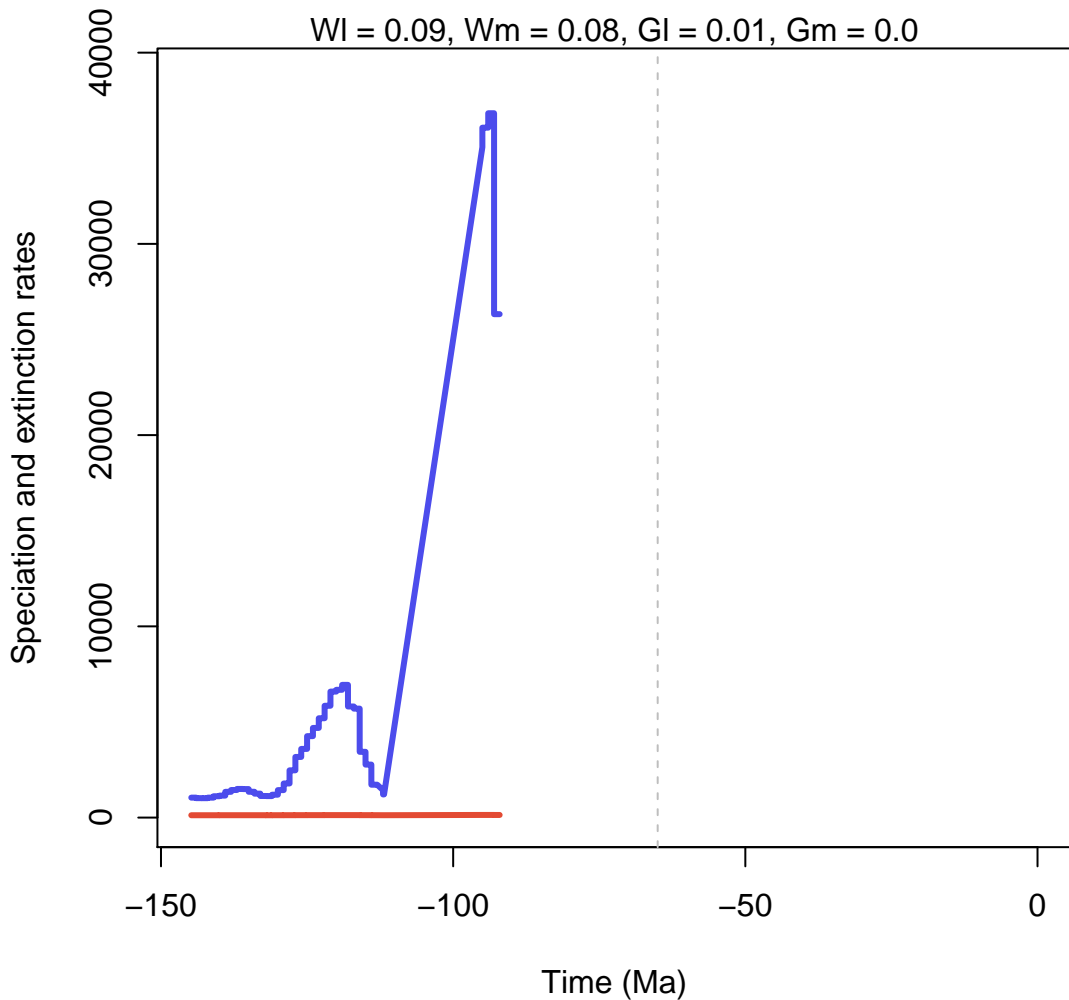WI = 0.08, Wm = 0.08, Gl = −0.14, Gm = −0.13

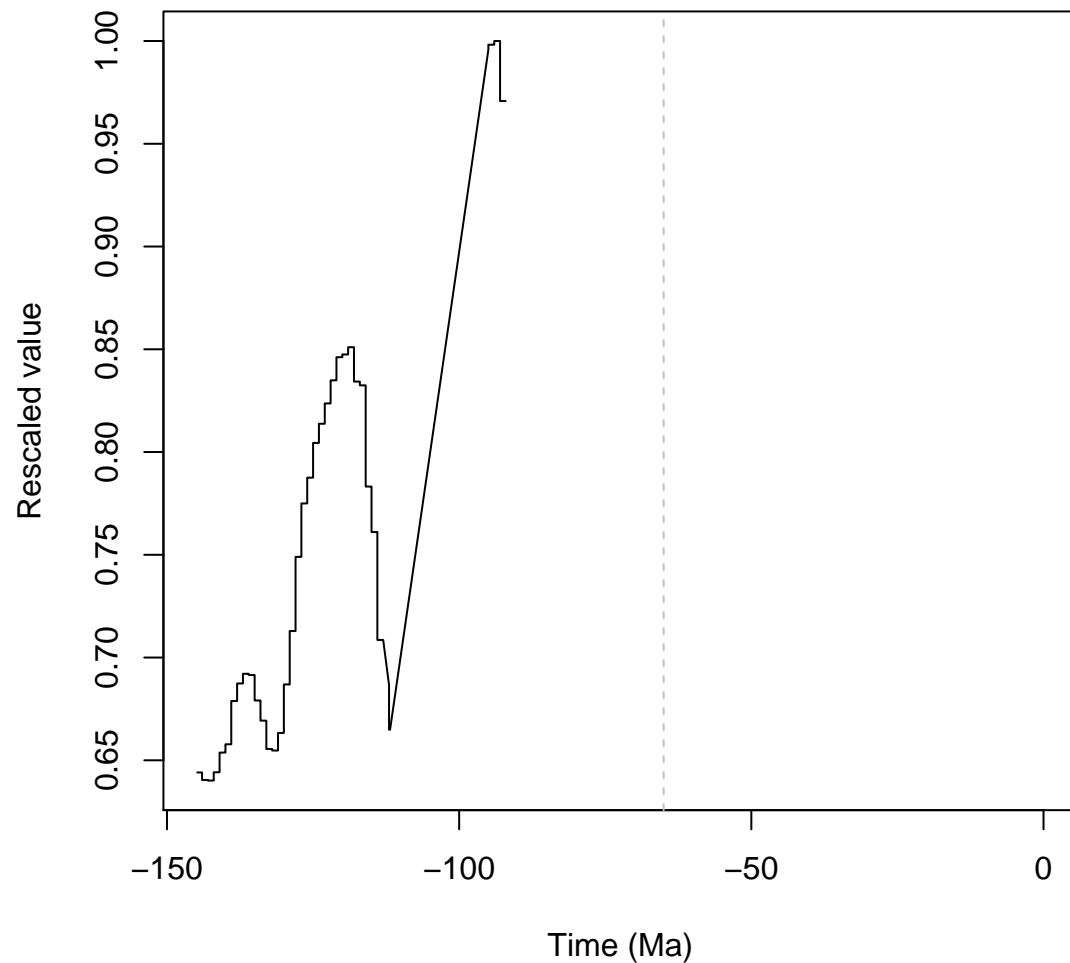**Trajectory of variable: Fragmentation_interpolated**

Effect of: GMST_Judd_interpolated
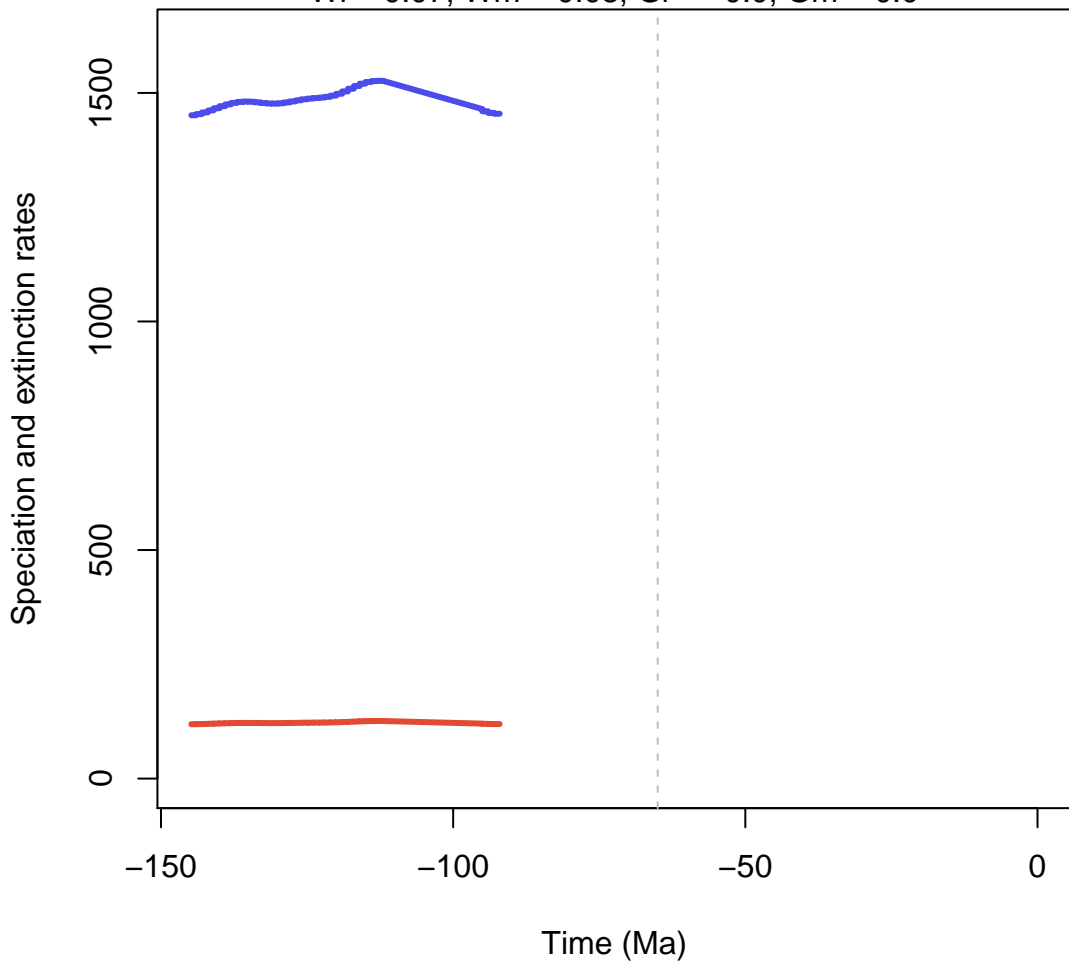
WI = 0.09, Wm = 0.08, GI = 0.01, Gm = 0.0
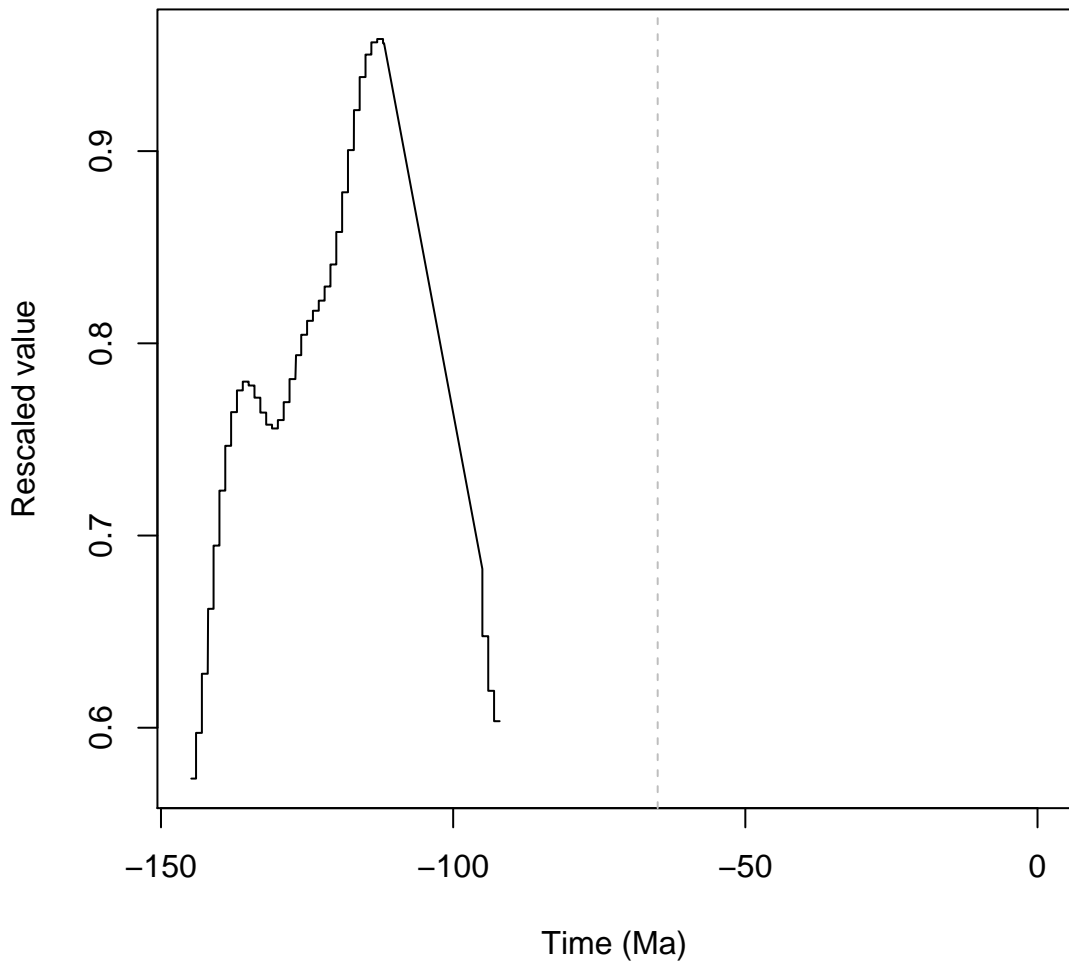
Trajectory of variable: GMST_Judd_interpolated

Effect of: GMST_Landwehrs_proxy_interpolated
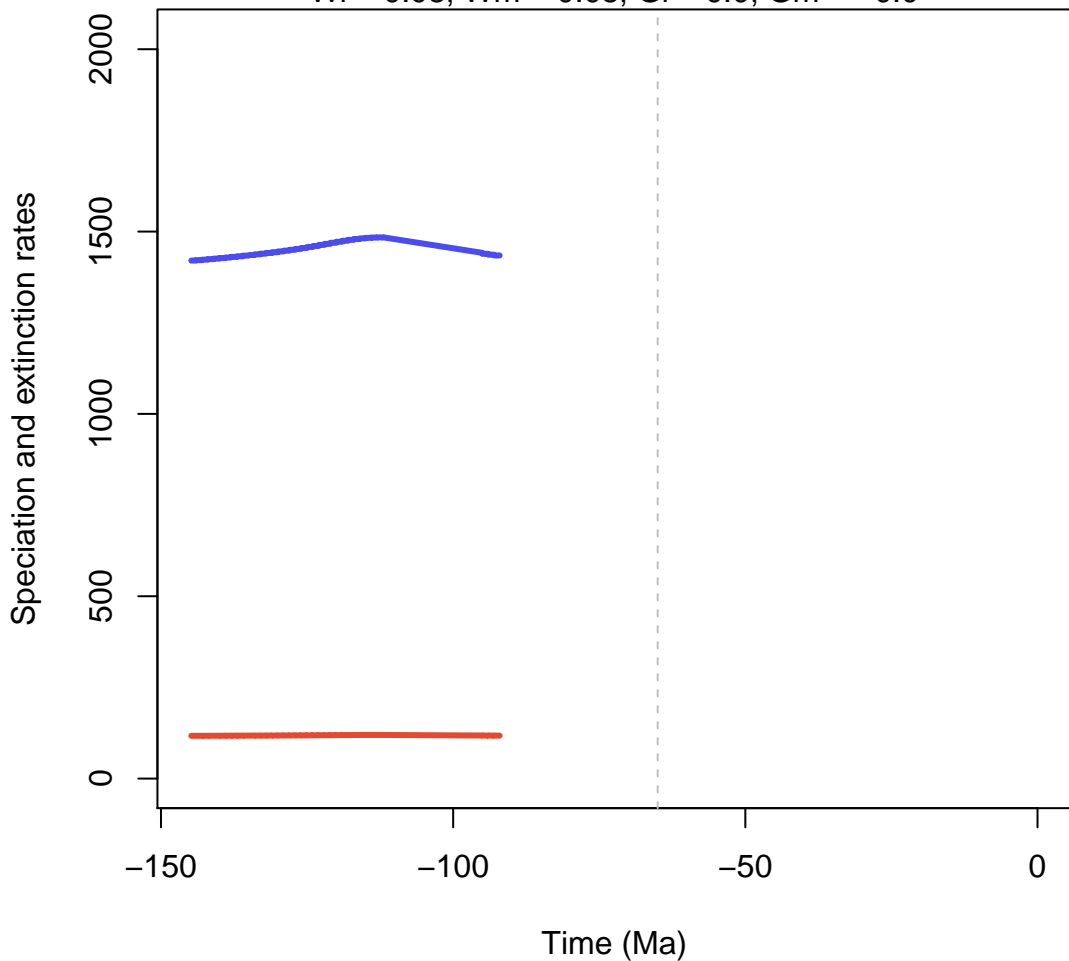
WI = 0.07, Wm = 0.08, GI = −0.0, Gm = 0.0

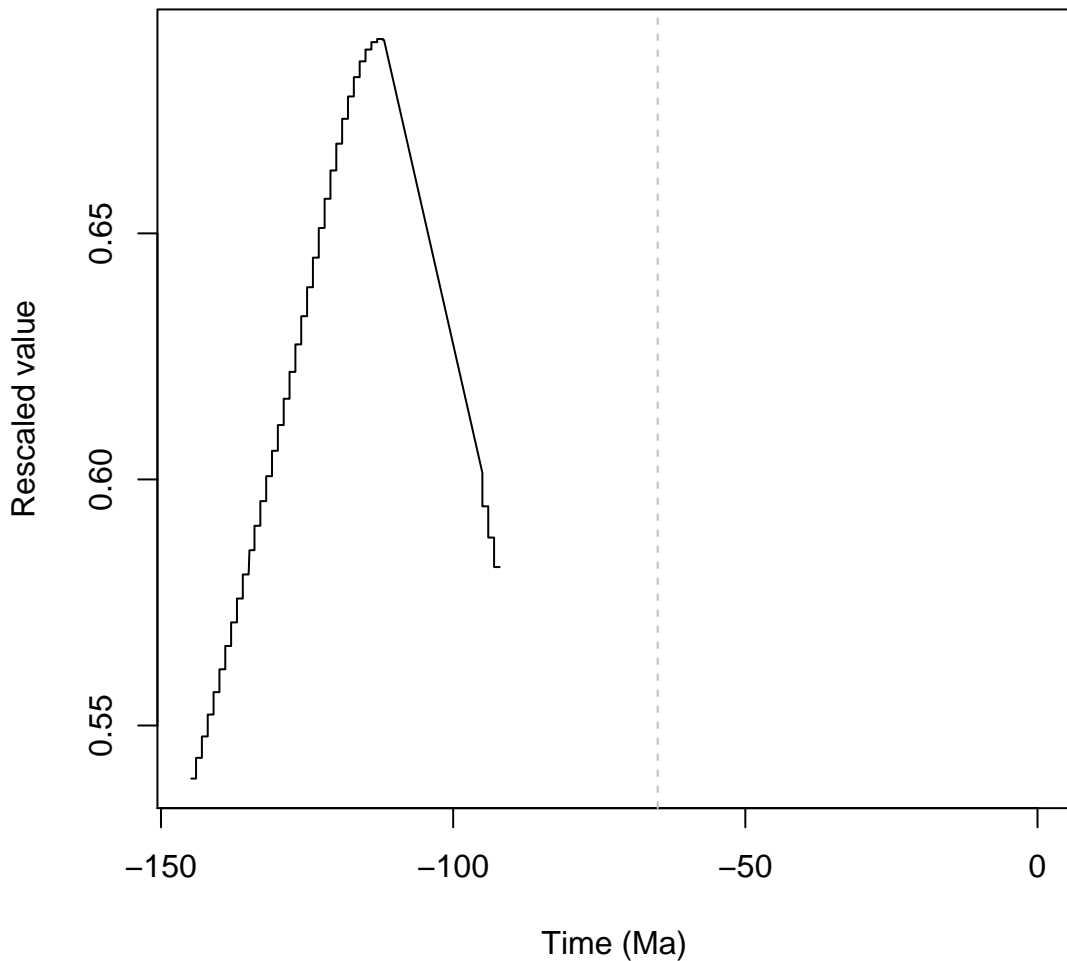**Trajectory of variable: GMST_Landwehrs_proxy_interpolated**

Effect of: GMST_Mills_interpolated
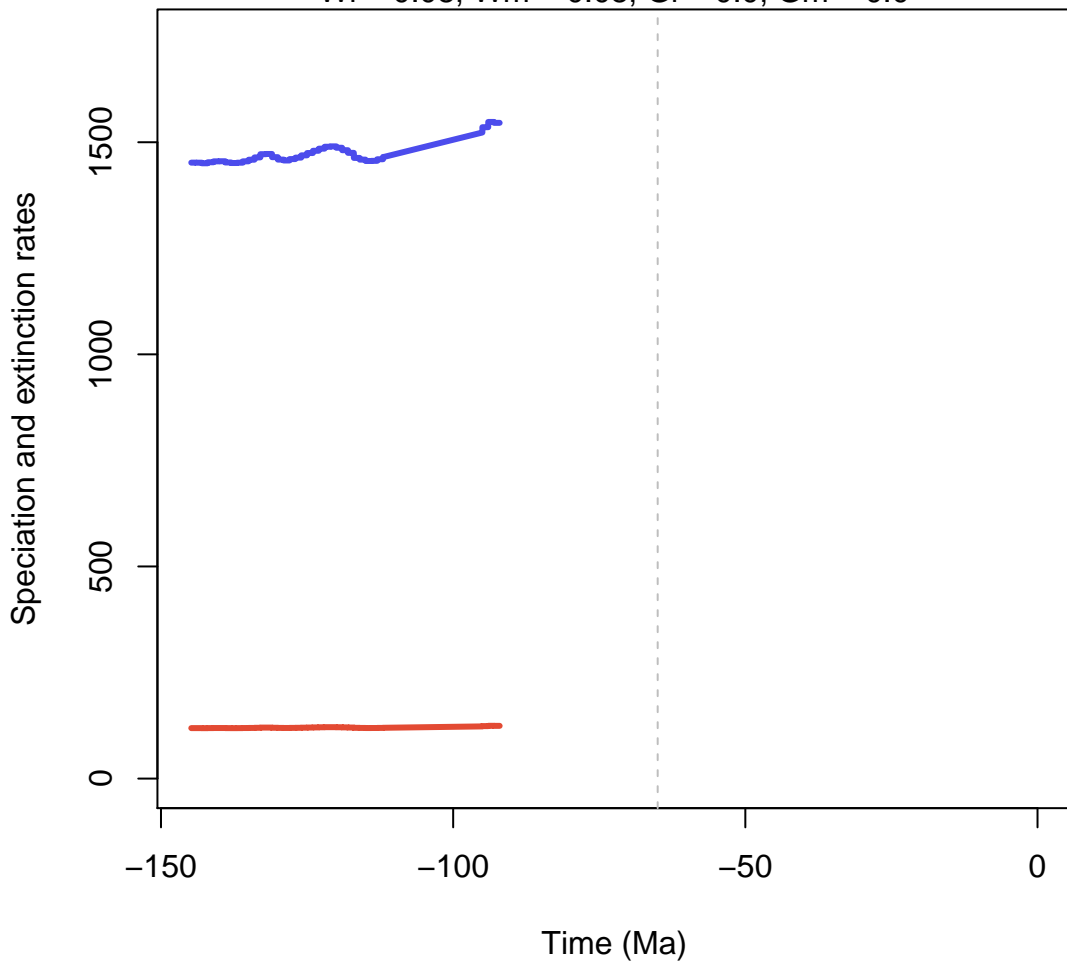
Wl = 0.08, Wm = 0.08, Gl = 0.0, Gm = −0.0

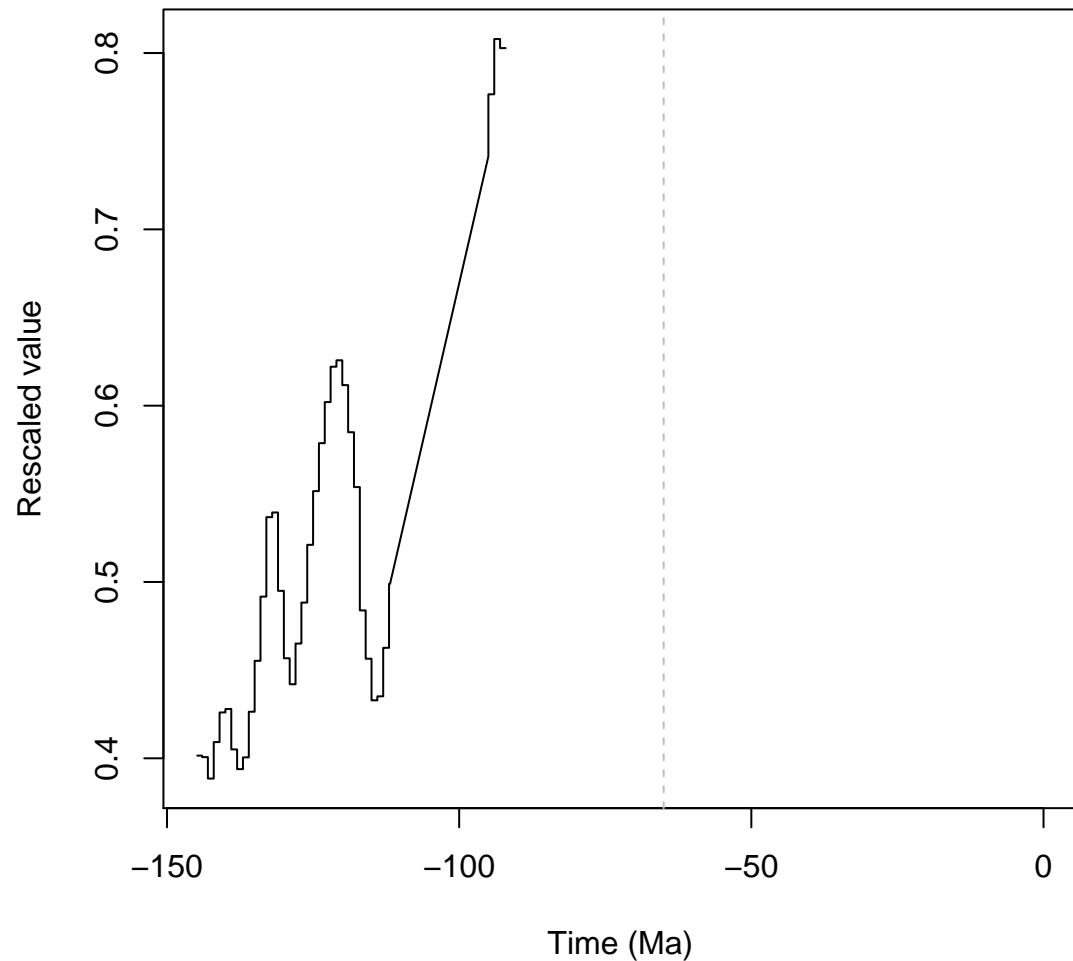**Trajectory of variable: GMST_Mills_interpolated**

Effect of: GMST_Scotese_interpolated
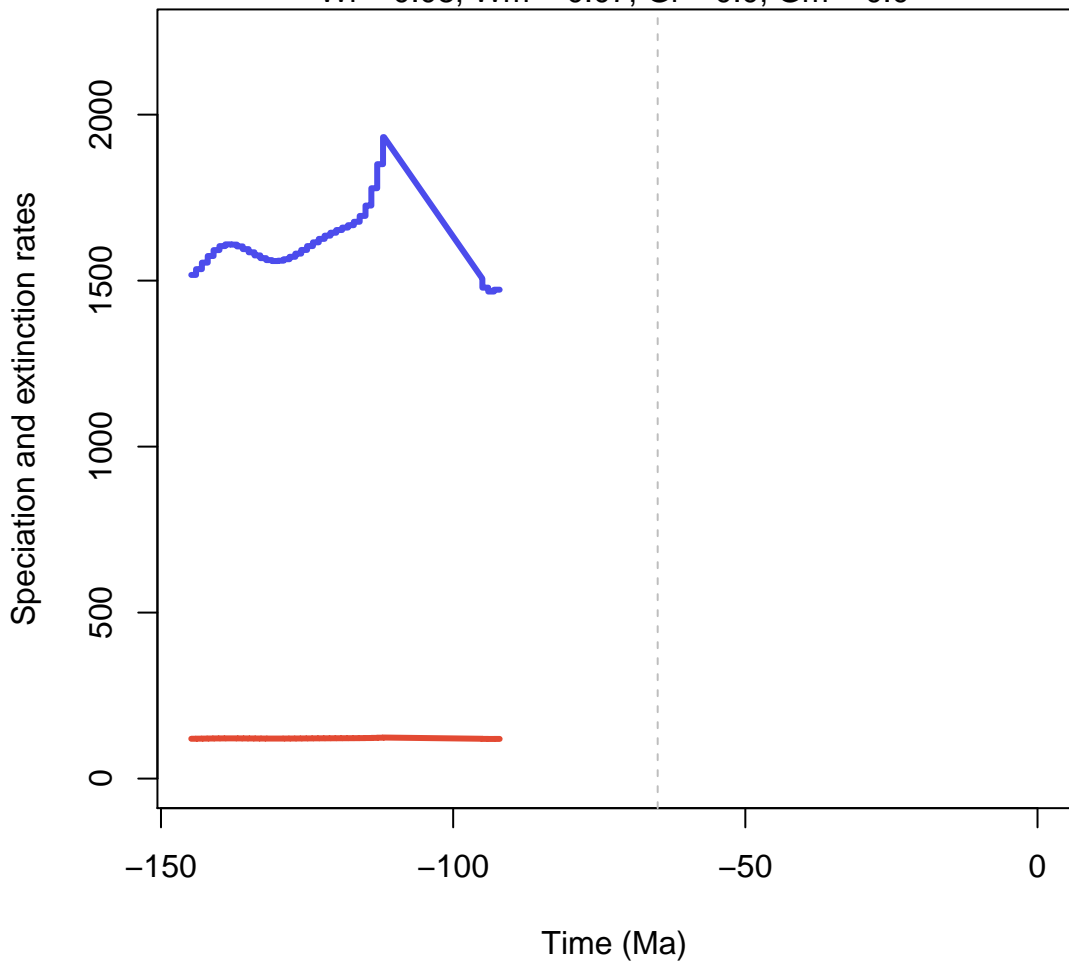
WI = 0.08, Wm = 0.08, GI = 0.0, Gm = 0.0
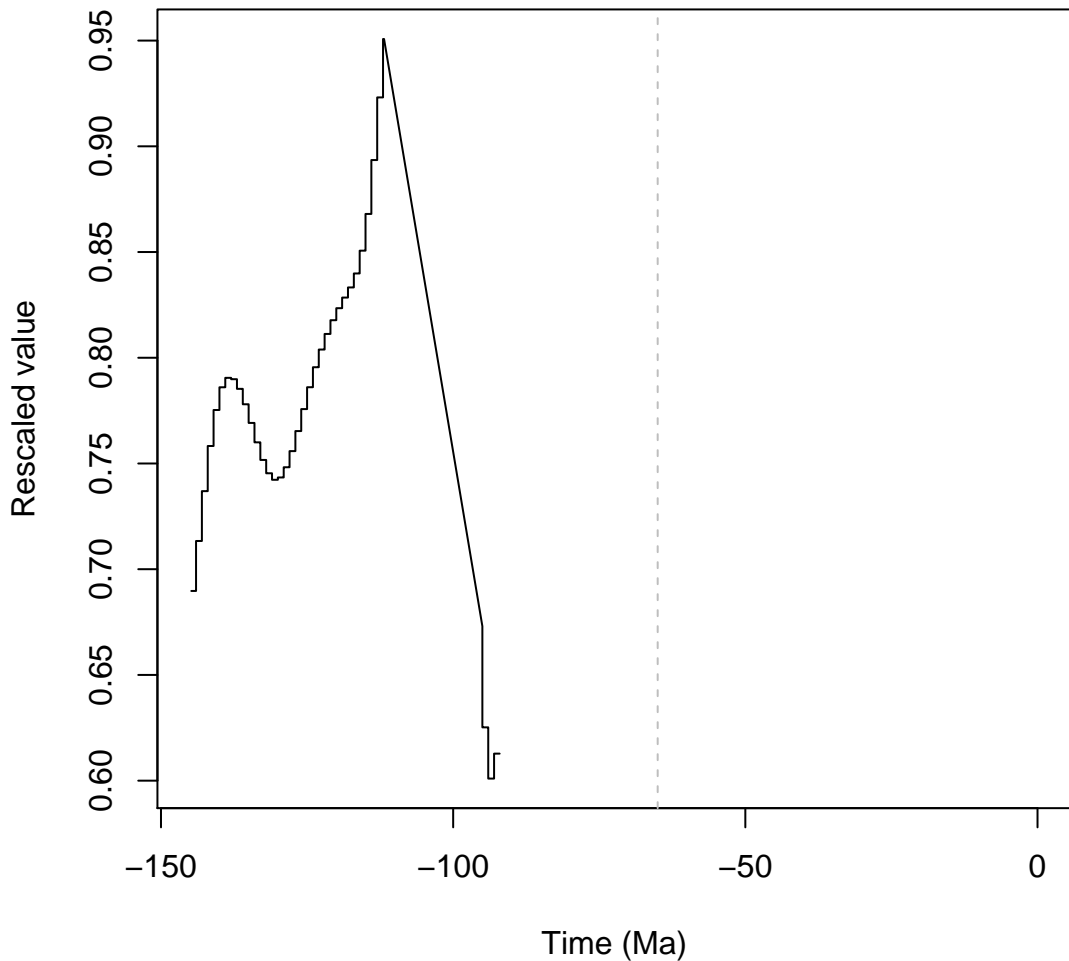
Trajectory of variable: GMST_Scotese_interpolated

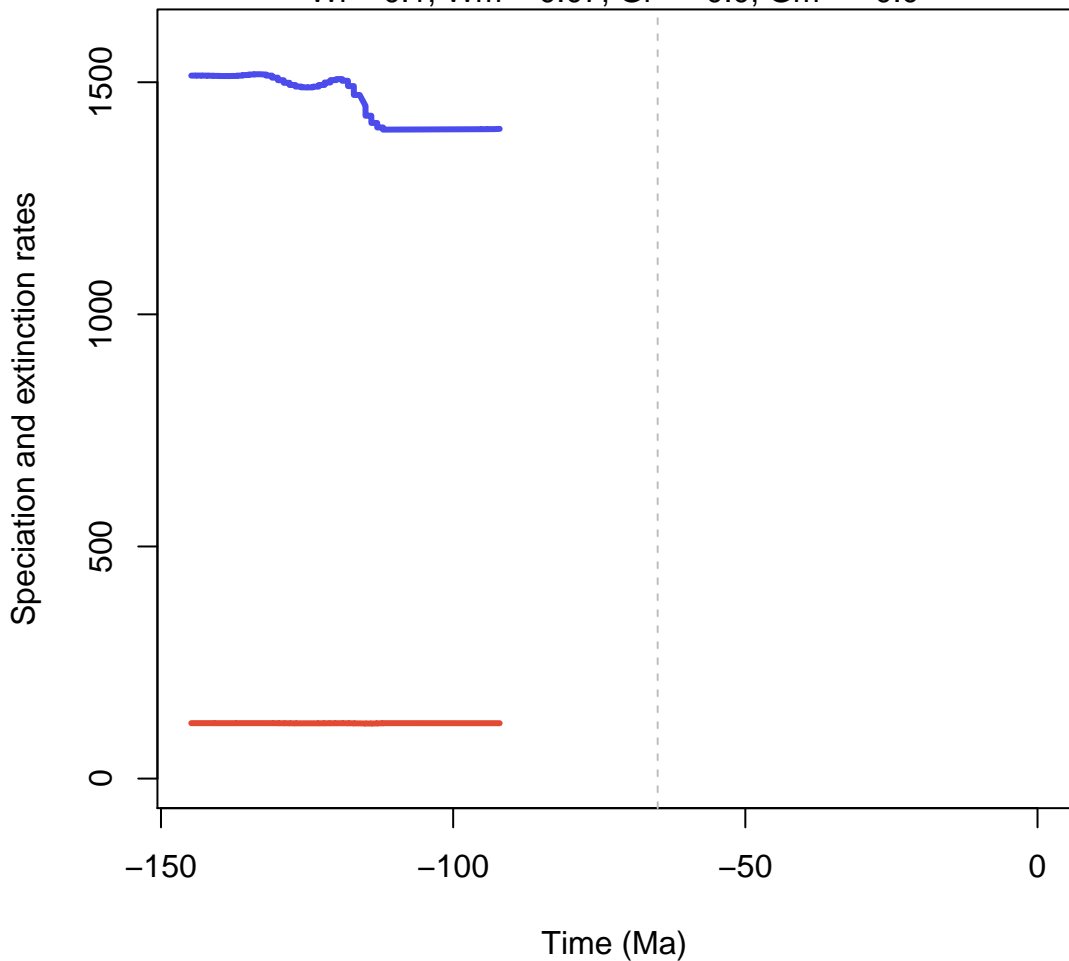**Effect of: GMST_Valdes_Foster_interpolated**

WI = 0.08, Wm = 0.07, GI = 0.0, Gm = 0.0
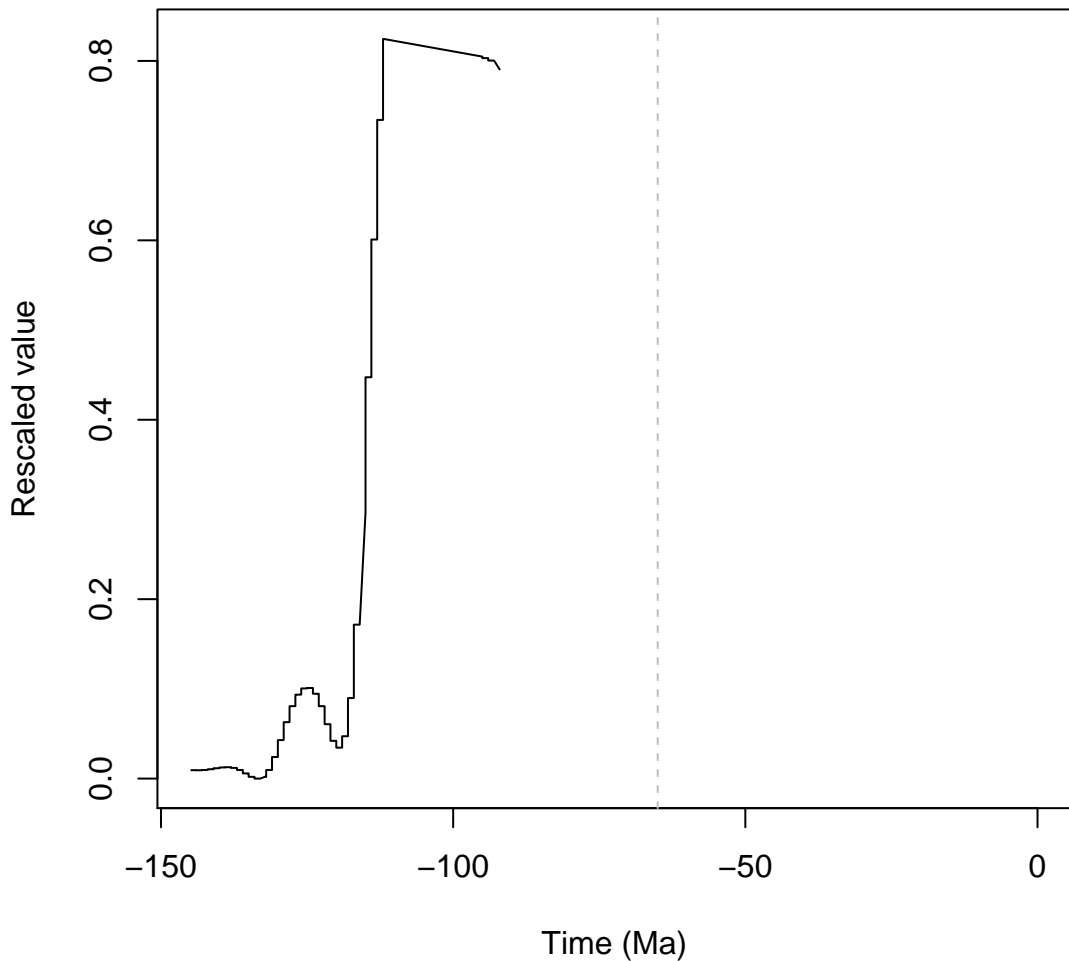
Trajectory of variable: GMST_Valdes_Foster_interpolated

Effect of: LA_WAfSAm_interpolated
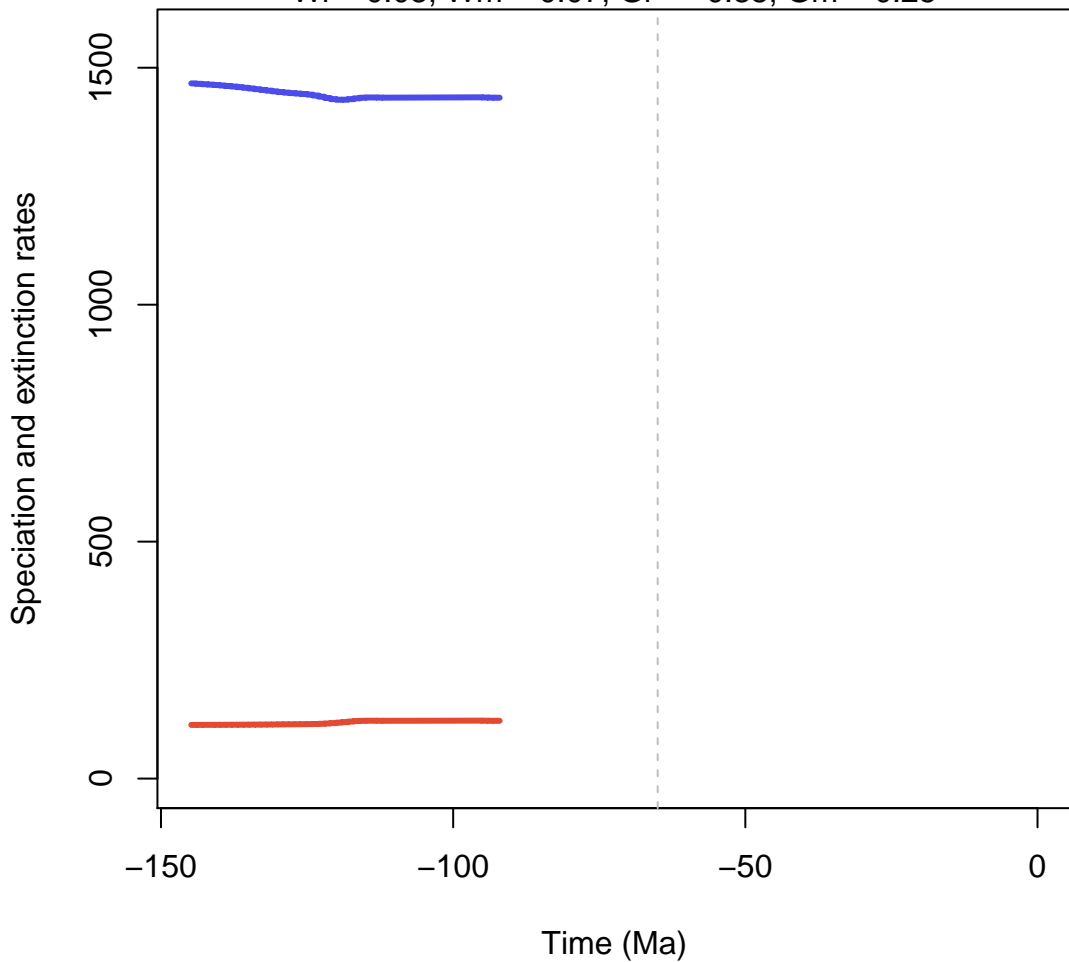
Wl = 0.1, Wm = 0.07, Gl = −0.0, Gm = −0.0

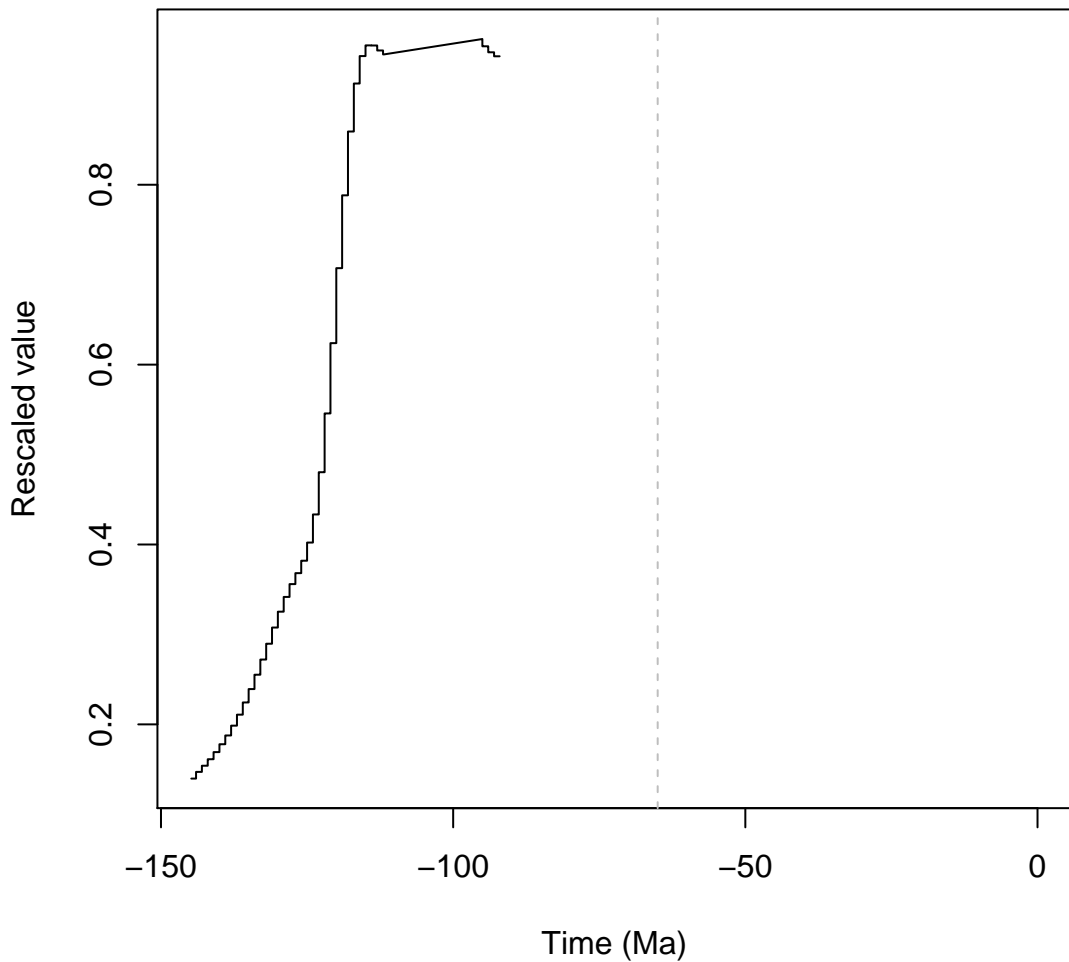**Trajectory of variable: LA_WAfSAm_interpolated**

Effect of: PI_WAfSAm_interpolated
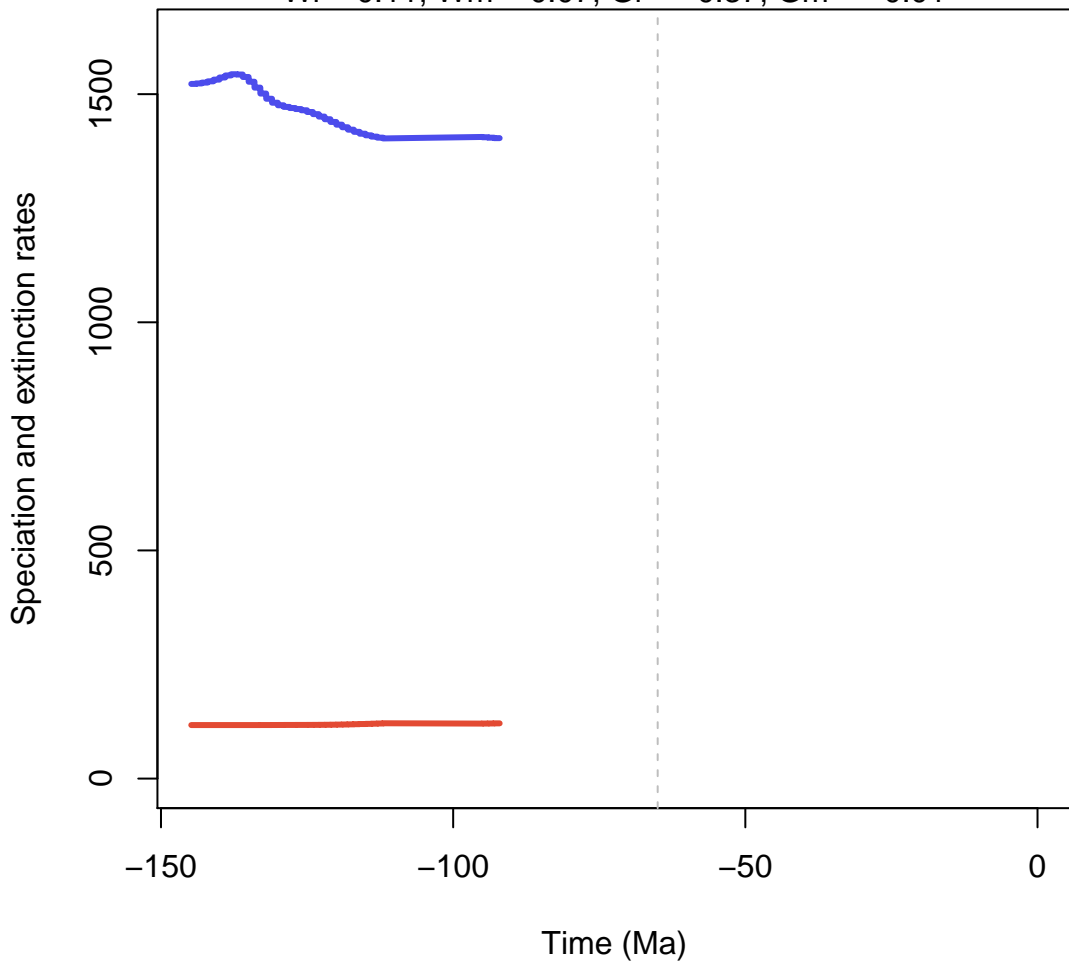
WI = 0.08, Wm = 0.07, GI = −0.88, Gm = 0.25

Trajectory of variable: PI_WAfSAm_interpolated

Effect of: SDI_WAfSAm_interpolated

WI = 0.11, Wm = 0.07, GI = −0.37, Gm = −0.01

Trajectory of variable: SDI_WAfSAm_interpolated