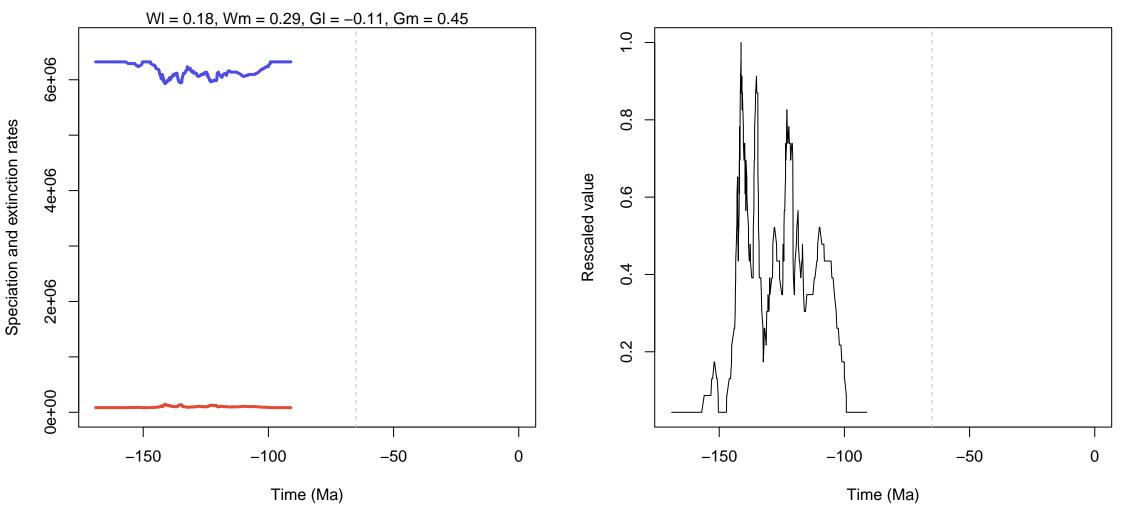


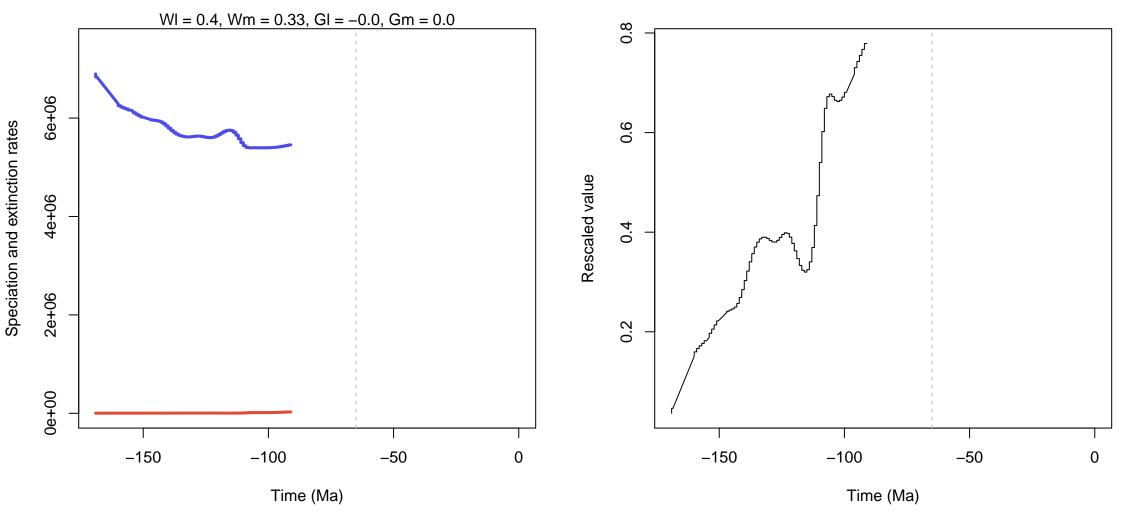


### Trajectory of variable: Diversity dependence



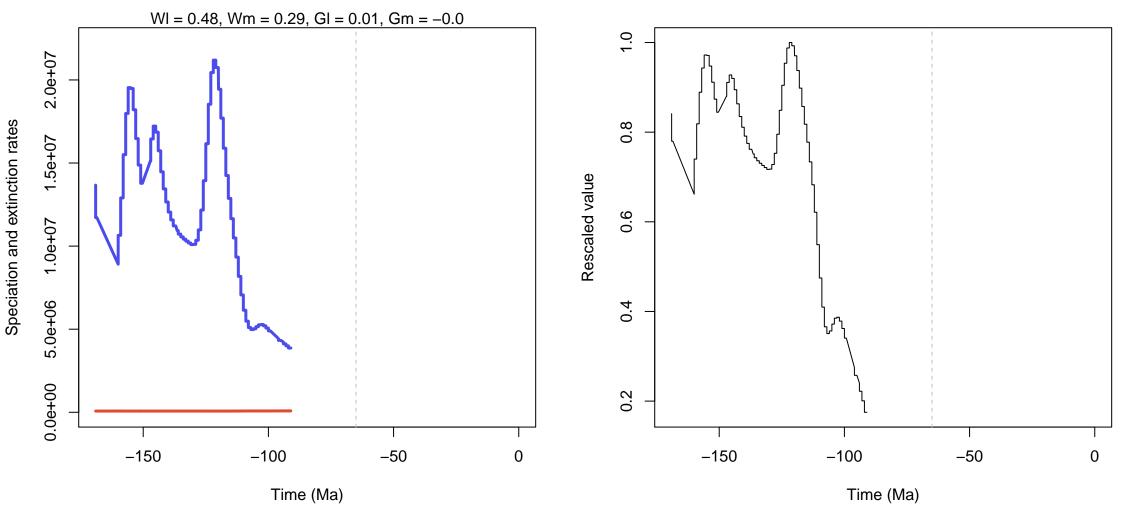


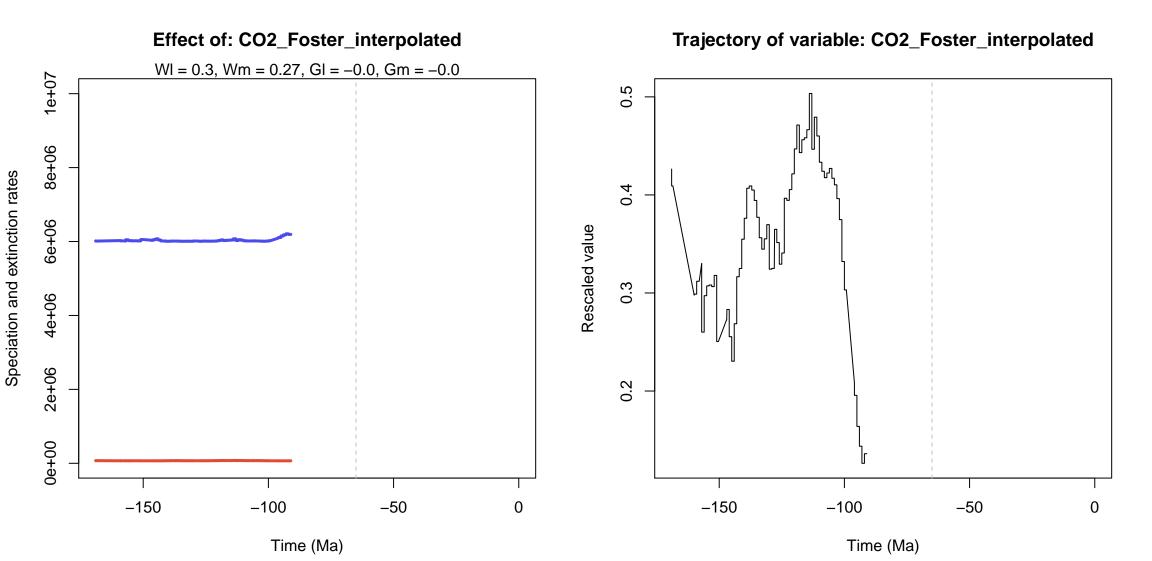
### Trajectory of variable: BN\_Global\_interpolated



## Effect of: BS\_Global\_interpolated

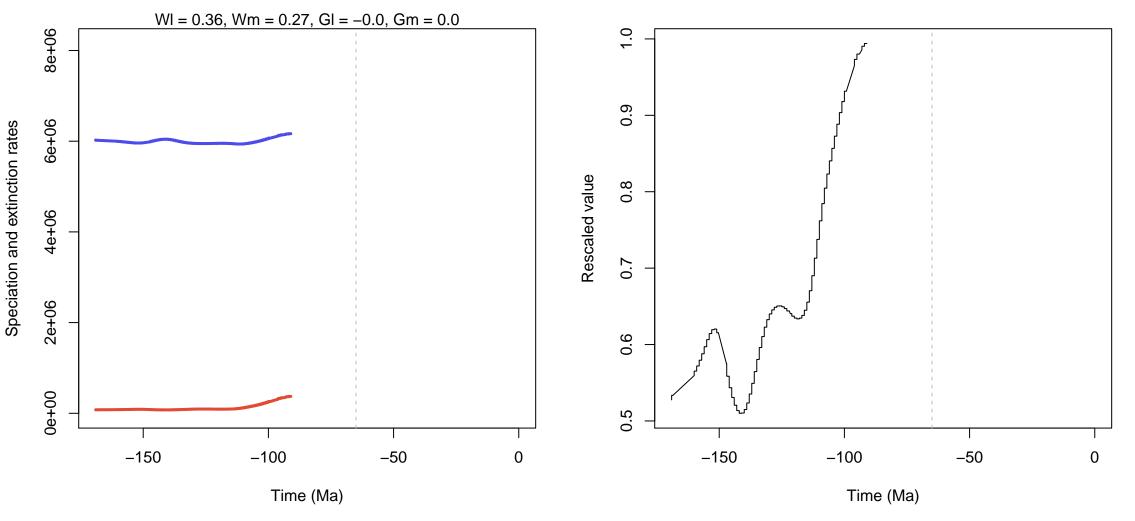
### Trajectory of variable: BS\_Global\_interpolated





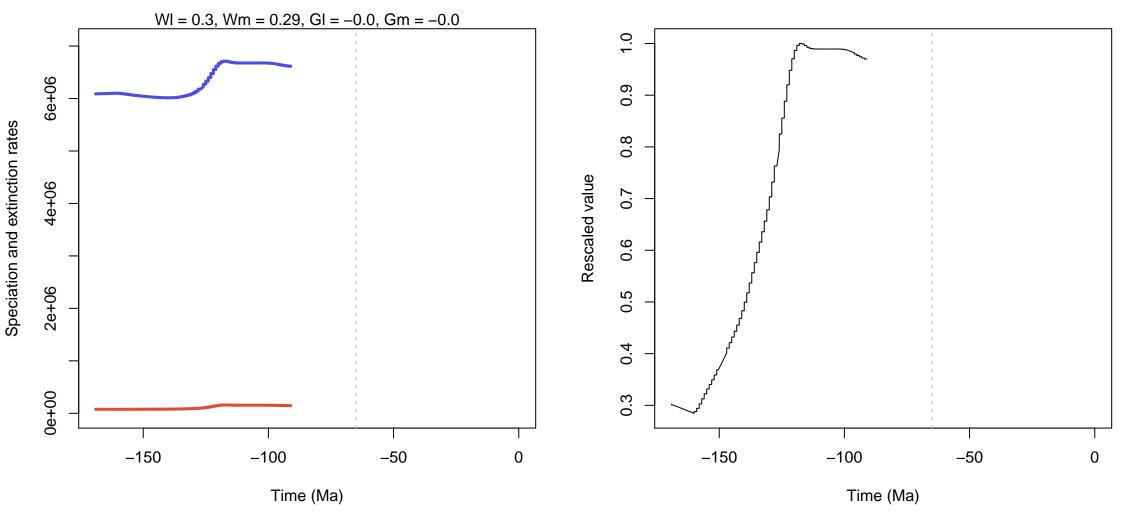


### Trajectory of variable: ESL\_Haq\_interpolated



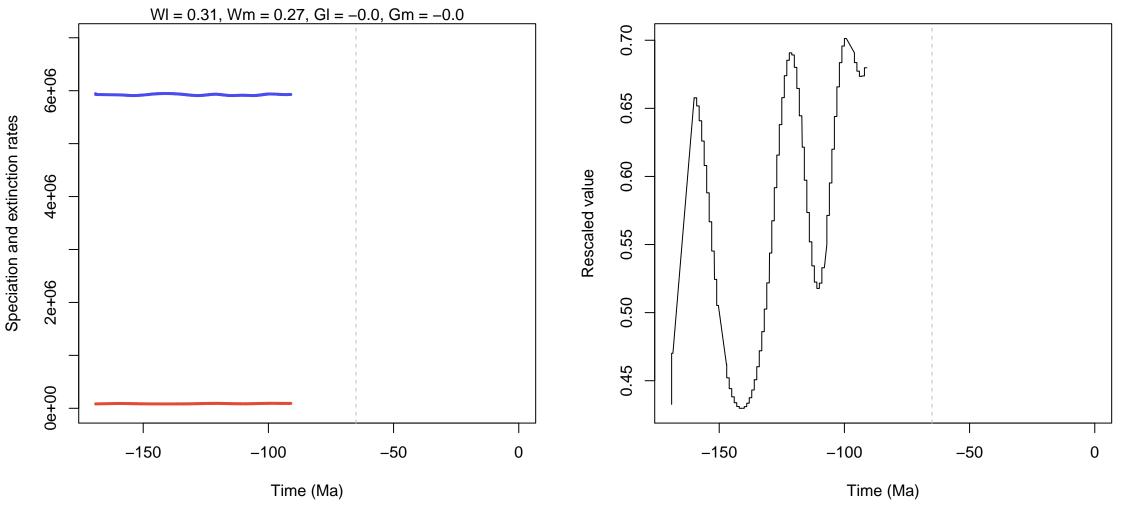


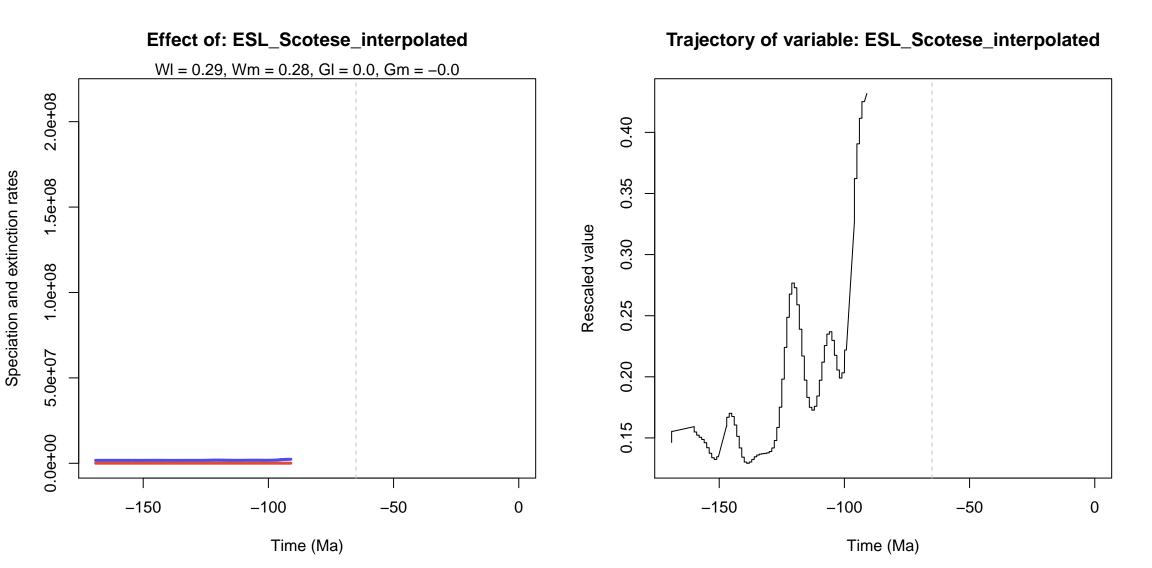
### Trajectory of variable: ESL\_Karlsen\_interpolated





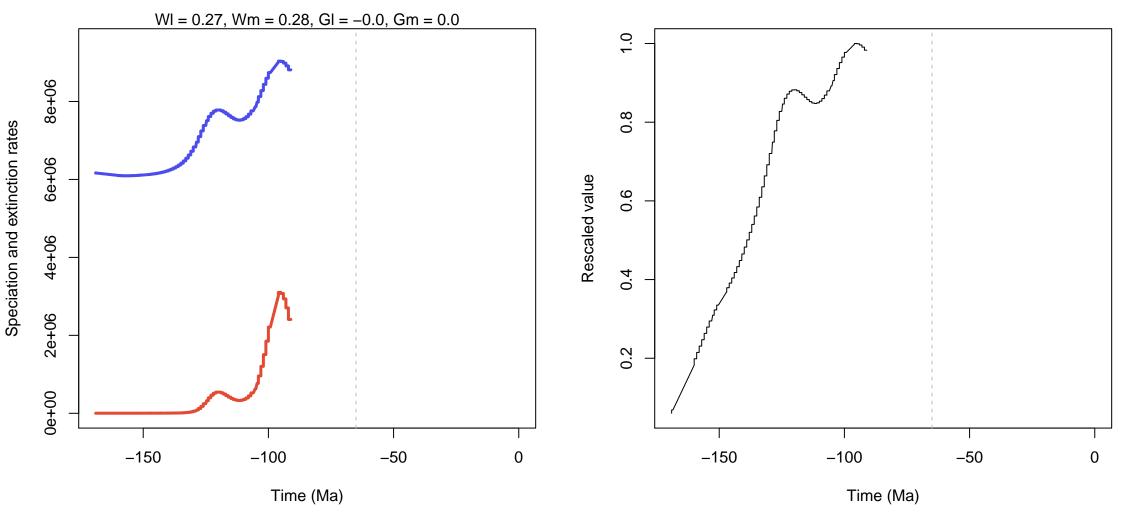
### **Trajectory of variable: ESL\_Marcilly\_ML\_interpolated**





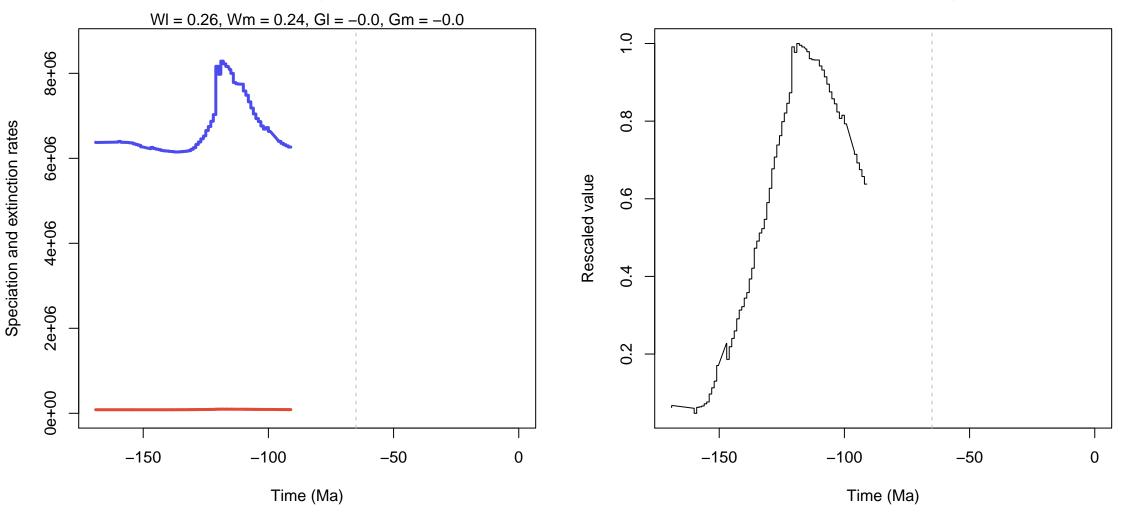


### **Trajectory of variable: ESL\_Verard\_interpolated**





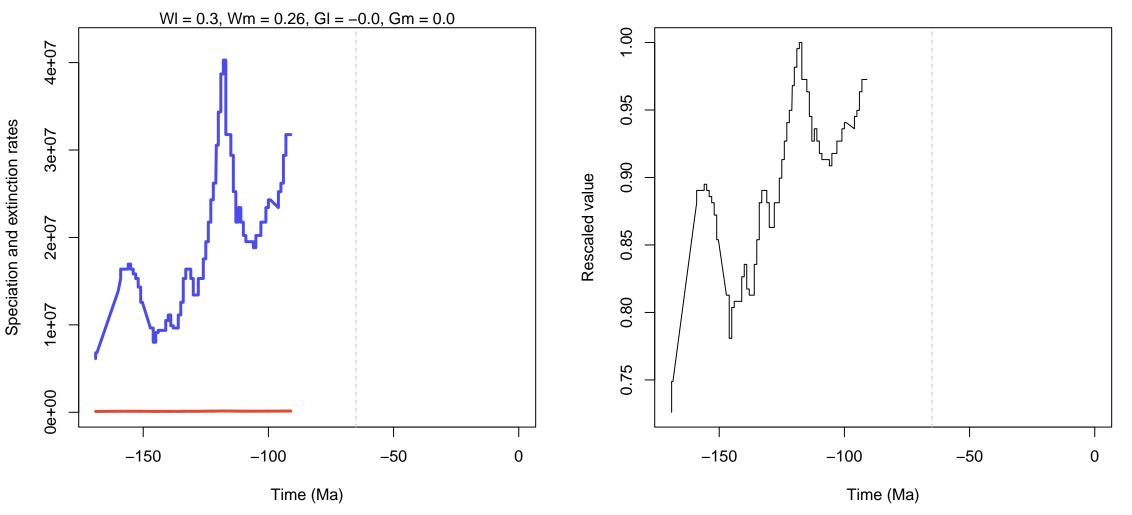
### **Trajectory of variable: ESL\_Wright\_interpolated**

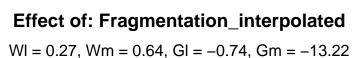


**Effect of: ESL\_Young\_M21RD\_interpolated** Trajectory of variable: ESL\_Young\_M21RD\_interpolated WI = 0.29, Wm = 0.31, GI = 0.0, Gm = 0.00.30 .5e+08 0.25 Speciation and extinction rates 0.20 1.0e+08 Rescaled value 0.15 0.10 5.0e+07 0.05 0.0e+00 0.00 -150 -100 -50 -150 -100 -50 0 Time (Ma) Time (Ma)

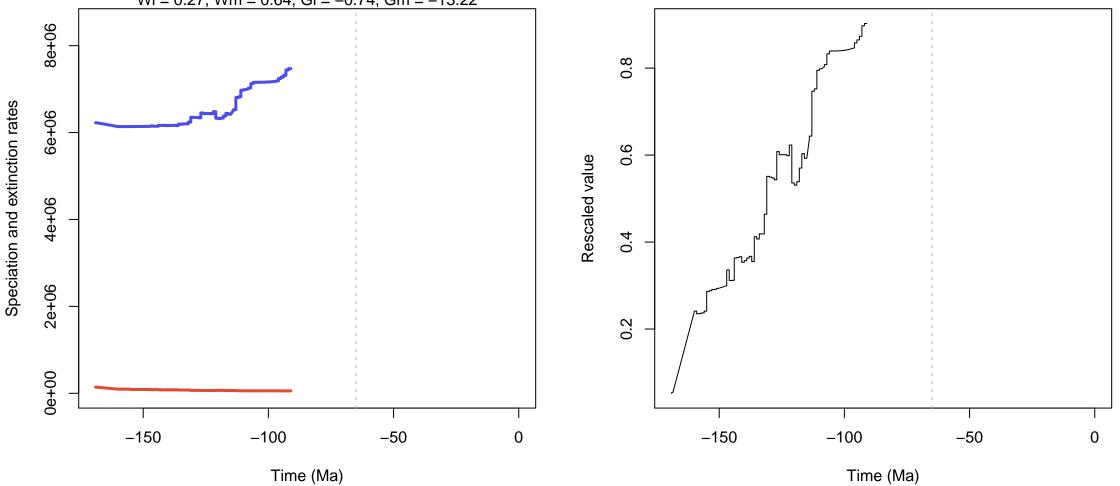


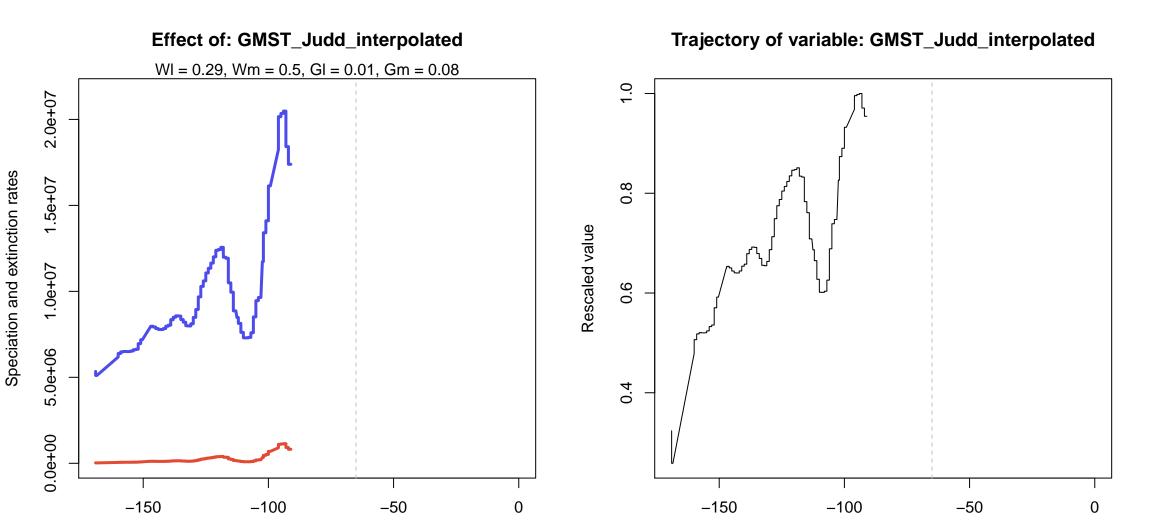
#### **Trajectory of variable: ESL\_vanderMeer\_interpolated**





### Trajectory of variable: Fragmentation\_interpolated

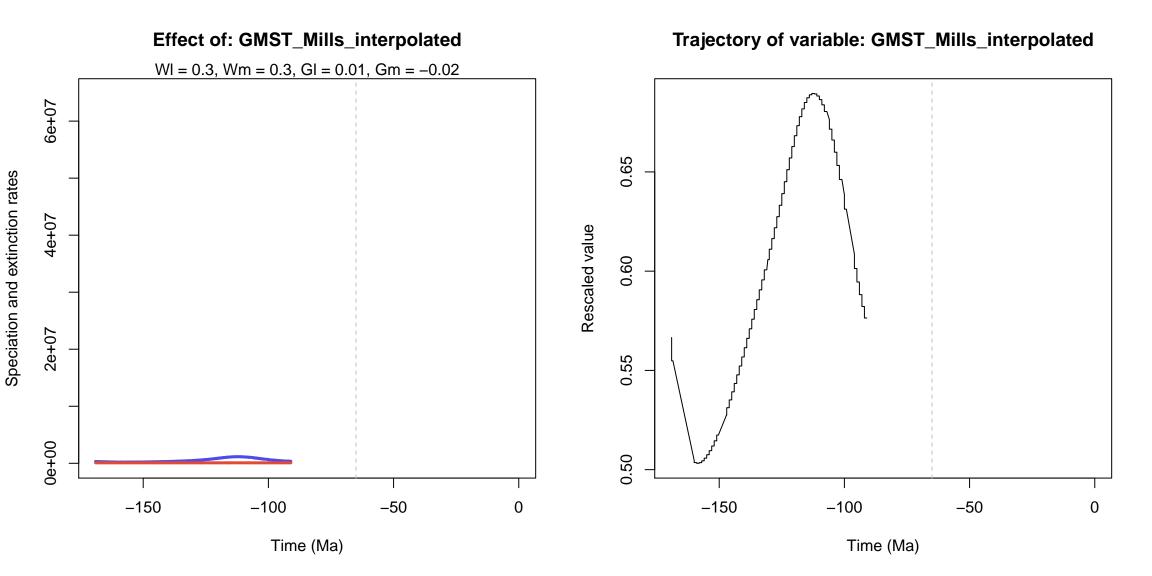




Time (Ma)

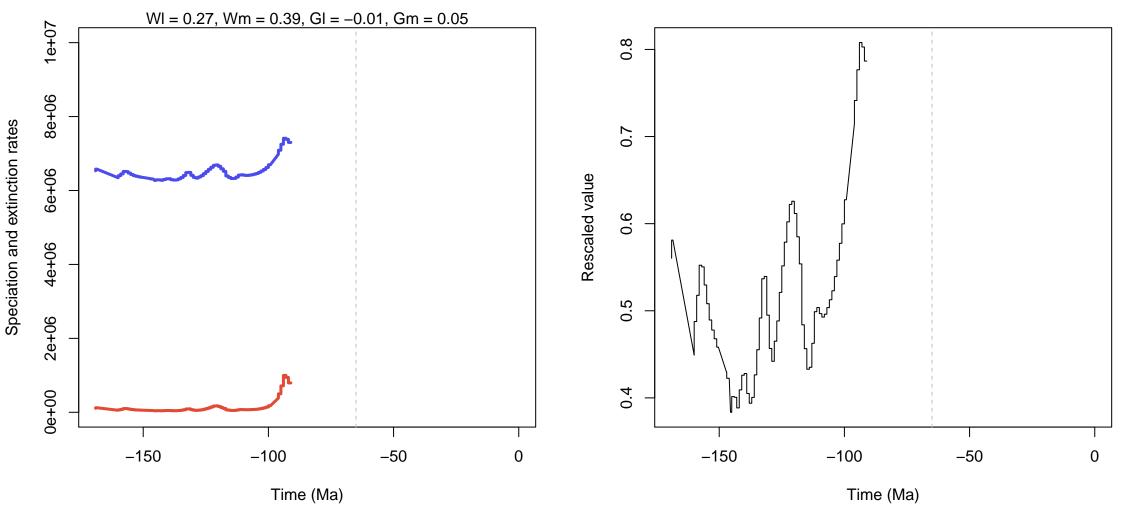
Time (Ma)

**Effect of: GMST\_Landwehrs\_proxy\_interpolated** Trajectory of variable: GMST\_Landwehrs\_proxy\_interpolated WI = 0.38, Wm = 0.3, GI = -0.11, Gm = -0.058e+06 0.9 Speciation and extinction rates 90+<del>9</del>9 Rescaled value 0.8 4e+06 0.7 2e+06 9.0 0e+00 -150 -100 -50 -150 -100 -50 0 Time (Ma) Time (Ma)



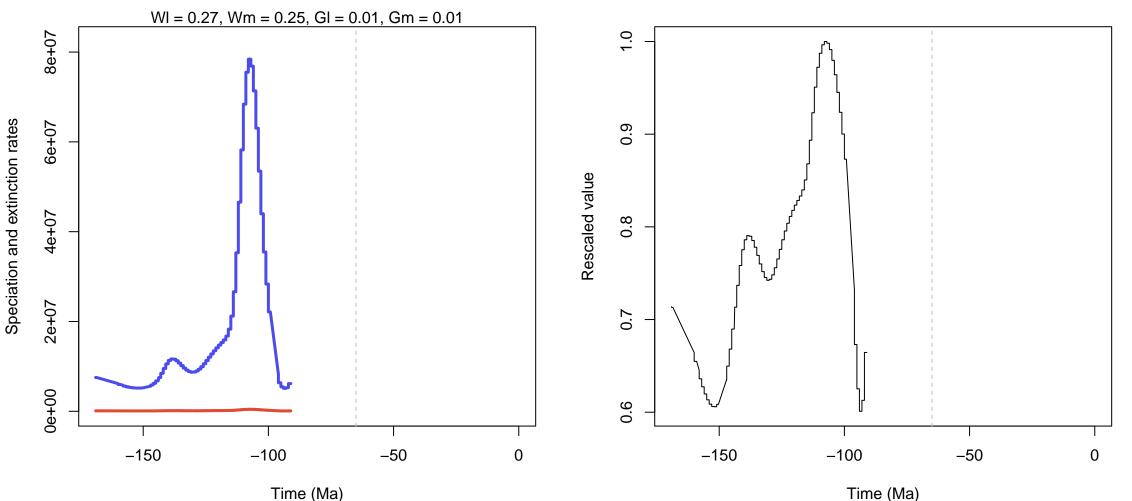


#### Trajectory of variable: GMST\_Scotese\_interpolated



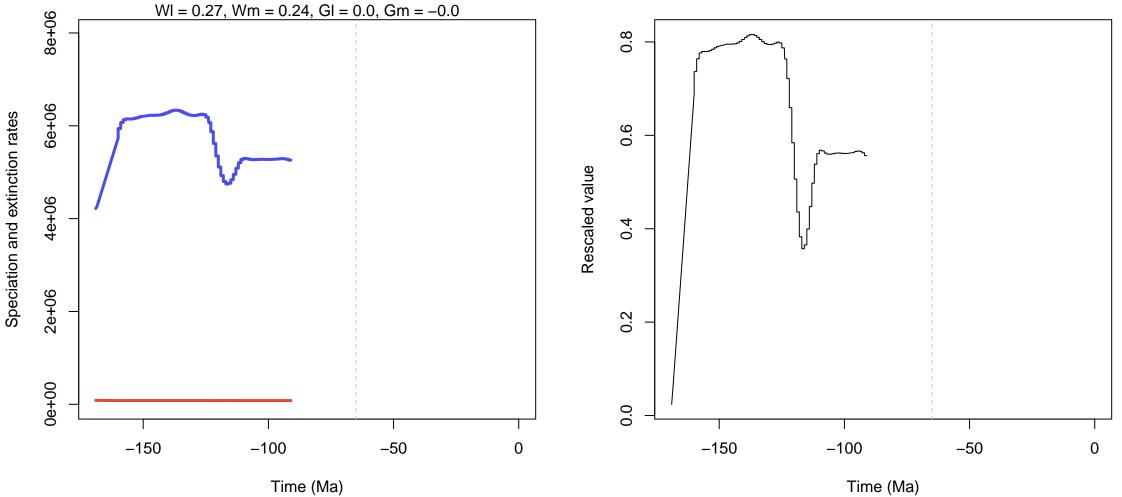


## **Trajectory of variable: GMST\_Valdes\_Foster\_interpolated**





### Trajectory of variable: LA\_Global\_interpolated



#### Effect of: PI\_Global\_interpolated

# Trajectory of variable: PI\_Global\_interpolated

