

```

setPar()
plot(SelByYear, x=2006:2015, ylim=c(-1.5,0.8), xlab="Year", ylab = "Selection gradient",pch=19,
      abline(h=0))
arrows(x0 = 2006:2015,x1 = 2006:2015,code = 3, y0 = SelByYear+1.96*SeSelByYear,
       y1 = SelByYear-1.96*SeSelByYear, angle = 90,length = 0.1)
m0all <- glm(Fitness ~ 1 + StMass + Sex +Age , data=YearPheno, family=poisson)
abline(h=coefficients(m0all)[2], lty=2)
sm0all <- summary(m0all)
lowm0all <- coefficients(m0all)[2]+1.96*sm0all$coefficients[2,2]
highm0all <- coefficients(m0all)[2]-1.96*sm0all$coefficients[2,2]
polygon(x=c(2005,2016,2016,2005),y=c(lowm0all,lowm0all, highm0all, highm0all),
       fillOddEven = TRUE, col=rgb(0.1,0.1,0.1,0.3), lty=2)

```

