**Age and sex-specific foraging movements and energetics in an endangered monomorphic seabird**

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*\*Corresponding author, e-mail:* [*zanri.nature@gmail.com*](mailto:zanri.nature@gmail.com)**Main text analysis (Table 2) code**

m<-glm(energyindexlog~ ï..Age + Sex + ï..Age:Sex, family=gaussian, data=data)

anova(m, test="F")

summary(m)

**Main text analysis (Table 3) code**

m<-glm(flyph~ ï..Age + Sex+ ï..Age:Sex, family=gaussian, data=data)

anova(m, test="F")

summary(m)

**Supplementary material (Table S1) code**

m<-glm(duration.log~ Age\*Year.name, family=gaussian, data=data)

anova(m, test="F")

summary(m)

m<-glm(distancelog10~ Age\*Year.name, family=gaussian, data=data)

anova(m, test="F")

summary(m)

m<-glm(pathlog10~ Age\*Year.name, family=gaussian, data=data)

anova(m, test="F")

summary(m)

m<-glm(energyindexlog~ Age\*Year.name, family=gaussian, data=data)

anova(m, test="F")

summary(m)

**Main text Figure 4 code**

plot(ggeffects::ggpredict(m, terms = c("ï..Age")), colors = c("#009E73","#56B4E9")) + theme(panel.grid=element\_blank())

**Main text Figure 5 code**

plot(ggeffects::ggpredict(m2, terms = c("ï..Age")), colors = c("#009E73","#56B4E9")) + theme(panel.grid=element\_blank())

**Main text Figure 6 code**

boxplot(data$divephlog~data$Sex, las=2,cex=0.6)

**Main text Figure 7 code**

boxplot(data$takephlog~data$Sex, las=2,cex=0.6)