# Construct model with call parameter as response variable, species as fixed effect and individual ID as random effect

# Specify call type (1 or 2). Call type 1 is first element of "we-chee" call. Call type 2 is second element of "we-chee" call. See paper for details.

Call\_type <- Call\_type\_2

# Specify which call parameter is of interest - see dataset column headings for full list of call parameters

Call\_parameter <- DeltaTime.s.

# Create model

model\_1 <- lmer (DeltaTime.s. ~ Species + (1|Individual\_ID), data = Call\_type)

model\_2 <- lmer (DeltaTime.s. ~ (1|Individual\_ID), data = Call\_type)

# Compare model in which species is a fixed effect (model\_1) with one where it is not (model\_2)

anova(model\_1, model\_2, test = "F")

# Can repeat above for purple indigobird (V. purpurascens) - Jameson's firefinch (Lagonosticta rhodopareia) pair

# and can repeat for broad-tailed paradise whydah (V. obtusa) - orange-winged pytilia (Pytilia afra) pair