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### Example 1 Project Data ###

cProject<-"Example 1" #project ID to associate with model outputs

nTurbine<-c(15,15) #number of turbines

HazRadKm<-c(80/1000,40/1000) #radius of hazardous area around each
turbine
#usually rotor radius (in kilometers)
HzKM2<-sum(nTurbine*pi*HazRadKm^2)

CntHr<-c(60/60) # count duration (in hours)

Days=c(365.25/2) # days to extrapolate a strata to (prediction)
# should total 1 year for annual collision fatality estimate

LtHrPerDay=c(12) # avg daylight hours per day for "Days" (previous
line)

## Create the "ExpSvy" data frame
# this includes the Eagle Minutes observed, number of counts conducted,
# and the area observed at each observation point
ExpSvy<-data.frame(row.names=c("Spring/Summer","Winter/Fall"),
EMin=c(48,15),
nCnt=c(300,270),
CntKM2=c(pi*(800/1000)^2),
DayLtHr=c(Days*LtHrPerDay)
)

AddTot<-TRUE #Add strata for total (TRUE) or not (FALSE)

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