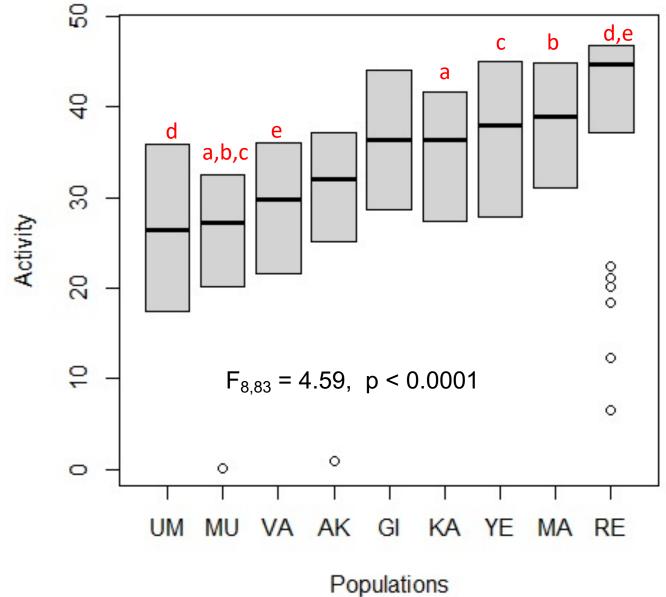
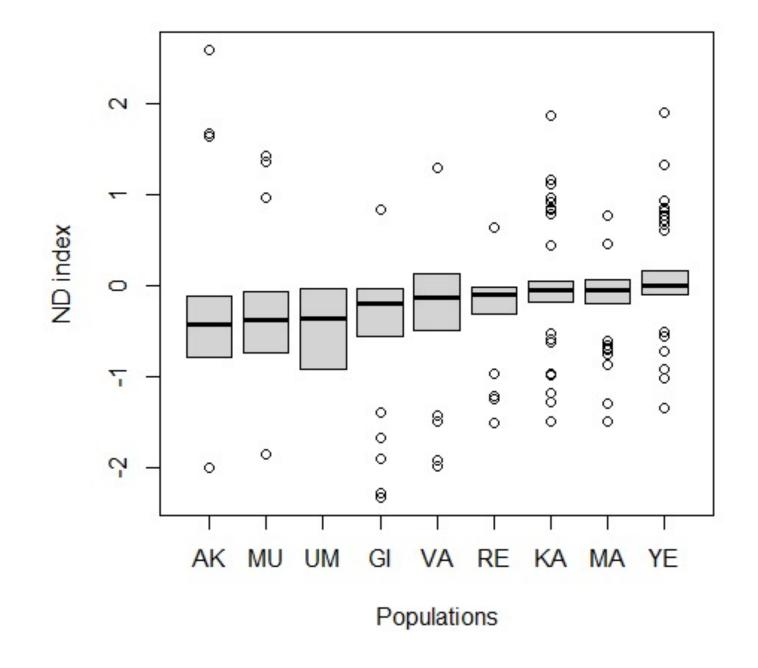
## Locomotor activity



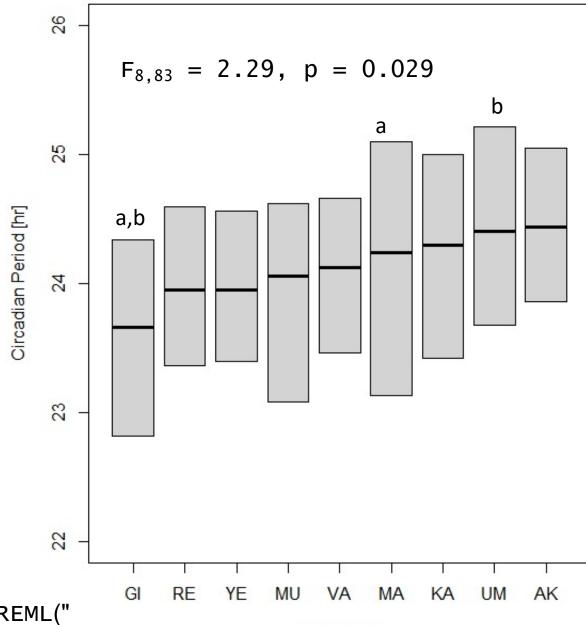
## ND index (ratio of nocturnal vs diurnal activity)

 $F_{8,83} = 1.57$ , p=0.14



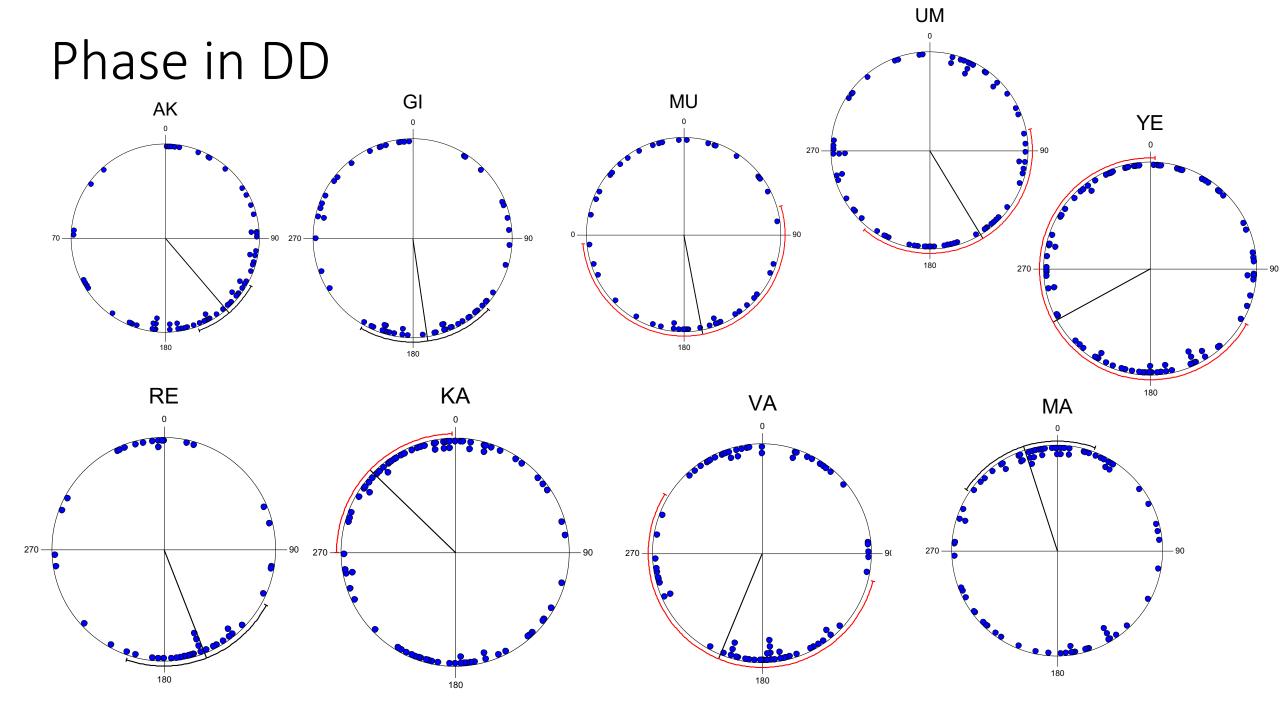
model.nd = lme(ND ~ Pop, random=~1|Line, data=data, method="REML")

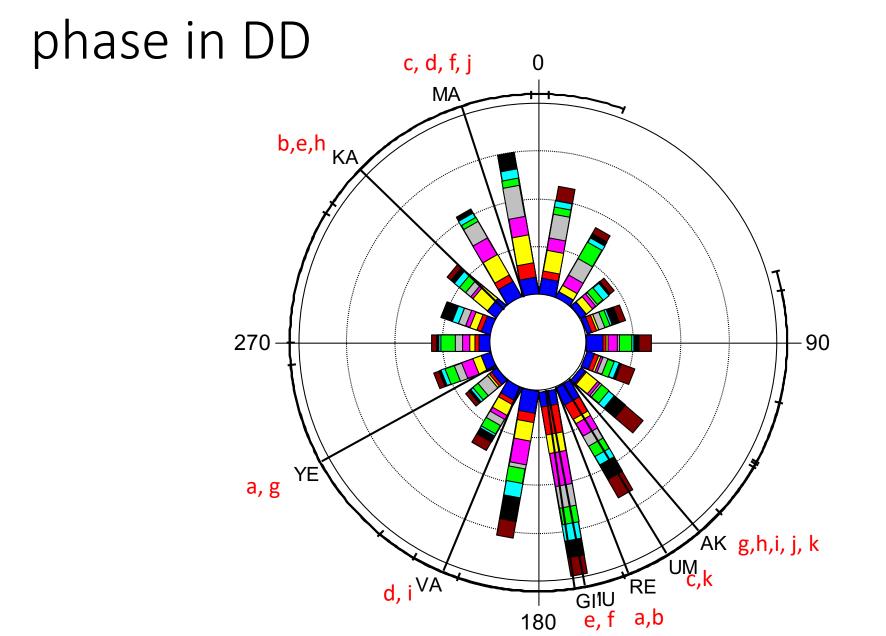
## Circadian period

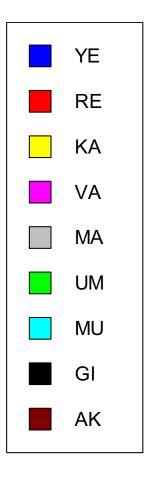


Populations

model = lme)as.numeric)Period ~ (Pop, random | 1=~Line + ,data=data ,method="REML("







Mardia-Watson-Wheeler test: W = 51.36, p = 1.39E-5