

Hunting events effect on individual red deer stress level

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Project and Data: Hunting influences animal populations. Besides by the removal of individual animals, also by non-lethal effects through behaviour change which is the topic of this project. Faecal samples were collected and the faecal cortisol metabolites (FCMs) were measured as a reflection of brain activity. This project aims to assess the red deer short-term stress response towards hunting events with a focus on the spatial and temporal distance to hunting events.

Data Description: Hourly data of >40 red deer locations over 2 years, analyzed faeces samples and time and location of hunting events in the National Park

Research Question: Analyse the temporal and spatial association between the FCM values and the last hunting event

Can only be done in English!