**Dataset documentation for:** Habitat quality mediates the sexual segregation of foraging niches in breeding European hoopoe *Upupa epops*

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**Dataset “dfb3.csv”:**

Dimensions: 12 rows, 711 lines

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| --- | --- | --- |
| **Row number** | **Name** | **Description** |
| 1 | sex | sex of the birds , factor with 2 levels  “f”= females  “m”= males |
| 2 | id | individual id for every bird: a combination of territory id and sex, factor with 22 levels |
| 3 | loop\_nr | number of every loop for each bird in chronological order |
| 4 | prey | prey type identified, factor with 4 levels  “NA”= no prey identified  “mole”= molecricket *Gryllotalpa gryllotalpa*  “larvae”= invetebrate larvaes  “cricket”= field cricket *Gryllus campestris*  “spider”= unidentified spiders, *Arachnida sp.* |
| 5 | territory | territory id, factor with 12 levels |
| 6 | lat.nest | latitude of nest coordinates in WGS84 |
| 7 | lon.nest | longitude of nest coordinates in WGS84 |
| 8 | maxdist.loop | maximal distance of all points within one loop |
| 9 | loop\_quality | a quality index which reflects the data used to determine a loop, factor with 2 levels  “1”= loop was mainly defined by rising and descending values in distance to the nestbox (flying towards nestbox and away from nestbox), camera and/or video data is lacking (e. g. arriving individual not clearly identifiable, male returning and delivering prey to female in front of nestbox), prey item only identifiable in some cases  “2”= returning individual was recorded on camera and video and prey could be identified in most of the cases |
| 10 | meandist.loop | mean distance of all points within one loop |
| 11 | mediandist.loop | median distance of all points within one loop |

**Dataset “Territory\_occupancy.csv”:**

Dimensions: 8 rows, 44 lines

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| **Row number** | **Row name** | **Description** |
| 1 | area | area of home range in hectars, calculated upon the according isopleth |
| 2 | isopleth | isopleth used for home range calculation, factor with 2 levels  “50”= home range calculated incorporating 50% of the points  “95”= home range calculated incorporating 95% of the points |
| 3 | sex | sex of the birds , factor with 2 levels  “females”= females  “males”= males |
| 4 | territory | territory id, factor with 12 levels |
| 5 | area.log | area of the home range at according isopleth, log transformed |
| 8 | Occupancy | Occupation rate of the territory during the period of 2002 till 2015 |