**Units cam-pet for pDFA**

8 selected acoustics parameters extracted from Raven pro according species and corresponding record IDs and context (playbacks).

**unit** = vocal units from

c.petaurista:

k = kroo

c.campbelli:

krak

krakoo

hok

hokoo

5 contexts:

CE: Campbell’s eagle alarm call

CL: Campbell’s leopard alarm call

L: leopard growls

E: eagle shrieks

T: falling tree

**cam\_response** = campbelli response to pb. 1 = vocalizations; 2 = no vocalizations

**cam\_pb\_general** = classification of playbacks of campbell’s vocal units according to speed of call delivery (see. Lemasson, A., Ouattara, K., Bouchet, H., & Zuberbühler, K. (2010). Speed of call delivery is related to context and caller identity in Campbell’s monkey males. *Naturwissenschaften*, *97*(11), 1023-1027.)

boom = boom\_1 + boom\_2 (intervals can change according to individuals, Lemasson 2010)

hok\_low = intervals 4-5

hok\_mid = intervals 1-2

hok\_high = intervals <1

krak\_low = intervals 4-5

krak\_mid = intervals 1-2

**silent\_interval\_petau\_petau:** intervals in second between two petaurista’s unit

**last\_cam\_call :** last campbell’s unit heard before each kroo

**interval\_cam\_pet :** intervals in second between a campbell’s and a petaurista’s unit, in the following order: 1:cam 2:pet

species: p =petaurista, c=campbelli

**Context all units pet-cam**

Removed t\_real (1 recording).

**record\_id** = ID number given arbitrarily from the ‘All recordings’ sheet

**unit\_quality** = audio quality of the vocal unit

1 = good

2 = bad (2 overlapping units or too much background noise)

3 = playback (for c.campbelli calls)

**species** = monkey species producing the vocal unit

p = c.petaurista

c = c.campbelli

**unit** = vocal units from

c.petaurista:

k = kroo

tw = tchakow

ts = tcha

ws = kow

Napet = non identified

NA = recording without PET response

c.campbelli:

krak

krakoo

hok

hokoo

wakoo

boom

if followed by “\_pb” then stimuli produced in playback

**begin\_time (s)** = time where vocal unit begins

**end\_time (s)** = time where vocal unit ends

**interval\_cam\_pet** = silent gap (s) between units of cam and unit of pet in the following order: 1-cam 2-pet

**cam\_response** = campbelli response to pb. 1 = vocalizations; 2 = no vocalizations

**context** = CE: Campbell’s eagle alarm call

CL: Campbell’s leopard alarm call

L: leopard growls

E: eagle shrieks

T: falling tree

CPB = Playback of Campbell’s ‘boom’ call

CRB = Campbell’s ‘boom’ call opportunistic recording

**cam\_pb\_general** = classification of playbacks of campbell’s vocal units according to speed of call delivery (see. Lemasson, A., Ouattara, K., Bouchet, H., & Zuberbühler, K. (2010). Speed of call delivery is related to context and caller identity in Campbell’s monkey males. *Naturwissenschaften*, *97*(11), 1023-1027.)

boom = boom\_1 + boom\_2 (intervals can change according to individuals, Lemasson 2010)

hok\_low = intervals 4-5

hok\_mid = intervals 1-2

hok\_high = intervals <1

krak\_low = intervals 4-5

krak\_mid = intervals 1-2

**Pet\_rep\_event** = petaurista’s response to playback. 1 = vocalizations; 2 = no response (petaurista quiet during all recording)

Cam\_unit\_nb = position of campbell’s units in a recording (1=first unit, 2=second…)

Pet\_unit\_nb = position of petaurista’s units in a recording (1=first unit, 2=second…)

Cam\_presence = presence of campbell’s during an event (1=present, 0=absent)

Kroo\_nb = position of petaurista’s kroo unit in a recording (1=first unit, 2=second…)

Cam\_rep\_unit = for each petaurista unit, where there a campbell’s unit before? 1=yes, 2=no

Tw\_nb = position of petaurista’s tchakow unit in a recording (1=first unit, 2=second…)

**Context all units.xlsx/csv**

**record\_id** = ID number given arbitrarily from the ‘All recordings’ sheet

**unit\_quality** = audio quality of the vocal unit

1 = good

2 = bad (2 overlapping units or too much background noise)

3 = playback (for c.campbelli calls)

**unit** = vocal units from

c.petaurista:

k = kroo

tw = tchakow

ts = tcha (produced without w)

ws = know (produced without t)

Napet = non identified

**begin\_time (s)** = time where vocal unit begins

**end\_time (s)** = time where vocal unit ends

**silent\_interval\_petau\_petau** = time span (s) between two following vocal units of c.petaurista

**last\_cam\_call** = last campbelli vocal unit produced before each petaurista vocal unit krak

krakoo

hok

hokoo

wokoo

boom

… if followed by \_pb : produced during a playback

NA = no campbell’s vocal unit produced before

Nacam = unknown campbell’s vocal unit produced before

**interval\_cam\_pet** = silent gap (s) between units of cam and unit of pet in the following order: 1-cam 2-pet

**context** = CE: Campbell’s eagle alarm call

CL: Campbell’s leopard alarm call

L: leopard growls

E: eagle shrieks

T: falling tree

CPB = Playback of Campbell’s ‘boom’ call

CRB = Campbell’s ‘boom’ call opportunistic recording

**Pet\_unit\_nb =** position of petaurista’s vocal unit in the recording (event) (1 = first, 2 = second, …)

**cam\_rep\_event** = Campbell’s monkey *(Cercopithecus campbelli)* vocalizations for each event (recording). 0 = no response (vocalizations), 1 = vocalizations

**cam\_rep\_unit** = Campbell’s monkey *(Cercopithecus campbelli)* vocalizations for each petaurista’s vocal unit. 0 = no response (vocalizations), 1 = vocalizations. If campbell’s monkey produce vocalizations during a recording (event) after any petaurista’s vocalization = 0; if campbell’s monkey doesn’t produce any vocalization during a recording (event) = 0; if campbell’s monkey produce vocalizations before any petaurista’s vocalization = 1.

(in recordings 26 28 34 46 79 first petaurista units are produced before first campbell’s unit)

**Pet\_rep\_event** = petaurista’s response to playback. 1 = vocalizations; 2 = no response (petaurista quiet during all recording)

**Kroo\_nb** =for each event (recording), position of each kroo by order of apparition (1= first, 2 = second,…)

**Tw\_nb =** for each event (recording), position of each tw by order of apparition (1= first, 2 = second,…)

**cam\_pb\_general** = classification of playbacks of campbell’s vocal units according to speed of call delivery (see. Lemasson, A., Ouattara, K., Bouchet, H., & Zuberbühler, K. (2010). Speed of call delivery is related to context and caller identity in Campbell’s monkey males. *Naturwissenschaften*, *97*(11), 1023-1027.)

boom = boom\_1 + boom\_2 (intervals can change according to individuals, Lemasson 2010)

hok\_low = intervals 4-5

hok\_mid = intervals 1-2

hok\_high = intervals <1

krak\_low = intervals 4-5

krak\_mid = intervals 1-2

hokoo = combinaison of hok and hokoo

cam\_rep\_kroo1 = for each first kroo of each event, where there a campbell’s unit before? Yes or no

cam\_rep\_tw = for each first kroo of each event, where there a campbell’s unit before? Yes or no