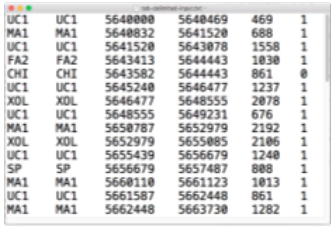
Original annotations (Praat)

Tab-delimited export



UC1	UC1	5640000	5640469	469	1
MA1	MA1	5640832	5641520	688	1
UC1	UC1	5641520	5643078	1558	1
FA2	FA2	5643413	5644443	1030	1
CHI	CHI	5643582	5644443	861	0
UC1	UC1	5645240	5646477	1237	1
XOL	XOL	5646477	5648555	2078	1
UC1	UC1	5648555	5649231	676	1
MA1	MA1	5650787	5652979	2192	1
XOL	XOL	5652979	5655085	2106	1
UC1	UC1	5655439	5656679	1240	1
SP	SP	5656679	5657487	808	1
MA1	MA1	5660110	5661123	1013	1
UC1	UC1	5661587	5662448	861	1
MA1	MA1	5662448	5663730	1282	1

Example use case (used for Tsimane' dataset below); the core fetch_chatter_BST function can be used with tab-delimited text exported from many common annotation applications, including Praat and ELAN.

chattr analysis

get-tt-data.R

```r
library(chattr)

ttdata <- fetch_chatter_BST(
  "txt-input/tab-delimited-input.txt",
  cliptier = "code",
  target.ptcp = "CHI",
  lxonly = FALSE,
  interactants = "(FA)|(MA)|(UC)",
  min.utt.dur = 599,
  allowed.overlap = 0)

# contingency information for each `target.ptcp` emission
ttdata$real.tt.vals

# summary overview of turn-taking behavior for each clip in `cliptier`
ttdata$tt.summary

# randomized contingency information for each `target.ptcp` emission
# (this is an optional random baseline)
ttdata$real.tt.vals
```