Table S2. Mean phase proportions used for whole-movement concatenation and number of significant SPM1D suprathreshold clusters for each muscle. The whole-movement timeline (0–100%) was constructed by concatenating the three phases according to group mean phase proportions. SPM1D paired t-tests were performed within each phase, and significant clusters were mapped onto the whole-movement timeline.

Muscle	Mean phase proportion (Scooping / Transporting / Returning)	Phase boundary on whole timeline (%) (S end | T end)	No. of significant clusters (total)
UT	0.344 / 0.273 / 0.383	34.0 | 62.0	5
MD	0.344 / 0.273 / 0.383	34.0| 62.0	3
BB	0.344 / 0.273 / 0.383	34.4 | 61.9	3

Footnote: S, scooping; T, transporting; R, returning. The boundaries indicate the end of the scooping and transporting phases on the concatenated whole-movement axis.