Designation	Data Type	Abstraction level	Description
D1	Binary	High	Presence of each non-manual articulator; Binary 1 or 0; One column per articulator
D2	Char	Mid	Generalised form for each NMF value as char; One column per non-manual articulator; Quantitative modifiers removed; Joining operators added
D3	Char	Low	Original form for each NMF value as char; One column per non-manual articulator; Joining operators added
D4	Int/Char	Extracted	Lists the presence of each NMF; Binary 1 or 0; Multiple columns per non-manual articulator
D5	Binary	High/High	Presence of non-manual articulators and; GramCls supersets; GramCls elements: Noun-all, Verb-all, WH-all
D6	Binary	High/Low	Presence of non-manual articulators and verb type; Verb types: VD, VIDir, VILoc, VP, V-fs
D7	Binary	High/Low	Presence of non-manual articulators and noun type; Noun types: ND, NLoc, NP, N-fs
D8	Binary	High/Low	Presence of non-manual articulators and GramCls; GramCls elements: Adj, Adv, Aux, Num, Conj, Prep, Neg, Det, fs, Pro, DM, Salutation, Interact, Gesture, SName, Loc, Buoy, Frag, Unsure
D9	Binary	High/Extracted	Presence of non-manual articulators with function and content signs
D10	Binary	High/Extracted	Presence of non-manual articulators with partly lexical, fully lexical, and non-lexical signs
D11	Binary	High/Extracted	Presence of non-manual articulators with pointing and depicting signs; Also included: Sign Name, Finger-spelling, Gesture, and "other"
D12	Binary	Low/High	Presence of NMFs and GramCls supersets; GramCls elements: Noun-all, Verb-all, WH-all
D13	Binary	Low/Low	Presence of NMFs and verb type; Verb type: VD, VIDir, VILoc, VP, V-fs
D14	Binary	Low/Low	Presence of NMFs and noun type; Noun type: ND, NLoc, NP, N-fs
D15	Binary	Low/Low	Presence of NMFs and GramCls; GramCls elements: Adj, Adv, Aux, Num, Conj, Prep, Neg, Det, fs, Pro, DM, Salutation, Interact, Gesture, SName, Loc, Buoy, Frag, Unsure
D16	Binary	Low/Extracted	Presence of NMFs with function and content signs
D17	Binary	Low/Extracted	Presence of NMFs with partly lexical, fully lexical, and non-lexical signs
D18	Binary	Low/Extracted	Presence of NMFs with pointing and depicting signs; Also included: Sign Name, Gesture, Finger-spelling, and "other"