







Previous studies and observations on signing space

Frishberg (1975)

Diachronic research has shown that there is an historical tendency for signs to "move down" from the periphery to the central signing space.

- Lewis et al. (1995: 24)
 - Mention the use of space in description of a person's answer to a question as to why he is wearing African American clothing
- Aramburo (1989: 115)
 - Reports that when Black Deaf Signers converse with Black Deaf Signers, they use larger signing space than they do with Black hearing, White Deaf, and White hearing signers
- Tabak (2006)
 - Discusses black children's signing at the BDO (Blind, Deaf, Orphan) school in Austin, TX
 - Reports that the signs produced by BDO students were larger than those of their white peers
 - Describes no data as the basis for this observation



<section-header> Data Narrative genres Structured narrative with cartoon stories The re-telling of wordless cartoons with a lot of action Tree narrative in a group conversation Number of narratives 24 structured narrative video samples 21 free narrative video samples Stideo samples were randomly selected with one target signer in each sample So signs/sample were extracted and analyzed All signs in the narratives were glossed in ELAN (EUDICO Linguistic Annotator) ELAN is developed at Max Planck Institute (MPI)









		Unmarked	Beyond shoulders (h)	Beyond raised elbows (H)	Above head (V)	Below waist (L)	Т
Black N	Ν	671	322	87	43	24	1147
	%	58.5	28.1	7.6	3.7	2.1	
White	Ν	724	268	49	36	23	1100
	%	65.8	24.4	4.5	3.3	2.1	
Total	Ν	1395	590	136	79	47	2247
	%	62.1	26.3	6.1	3.5	2.1	

extended to the right or the left. Few extended above the head and below the waist.

The variants that extended beyond the usual signing space were combined into a single variant.



Factor Group	Factor	Ν	%	Weight
Race	Black	1147	41.5	.539
	White	1100	33.5	.460
Age	Young (35-)	1202	40.3	.539
	Old (55+)	1045	35.2	.455
Gender	Female	1147	35.9	.468
	Male	1100	39.8	.531
Total	Input	2247	37.9	.368









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