

Supplementary Materials

Figure S1. An example of describing "the pen is to the right of the glass" in Sign Language of the Netherlands (NGT). Panel (A) shows the introduction of the lexical sign for GLASS first, the ground (ground-first). Panel (B) shows the introduction of the lexical sign for PEN second, the figure. Panel (C) illustrates the simultaneous placement of the object properties onto the signing space respectively to the spatial relation between them.

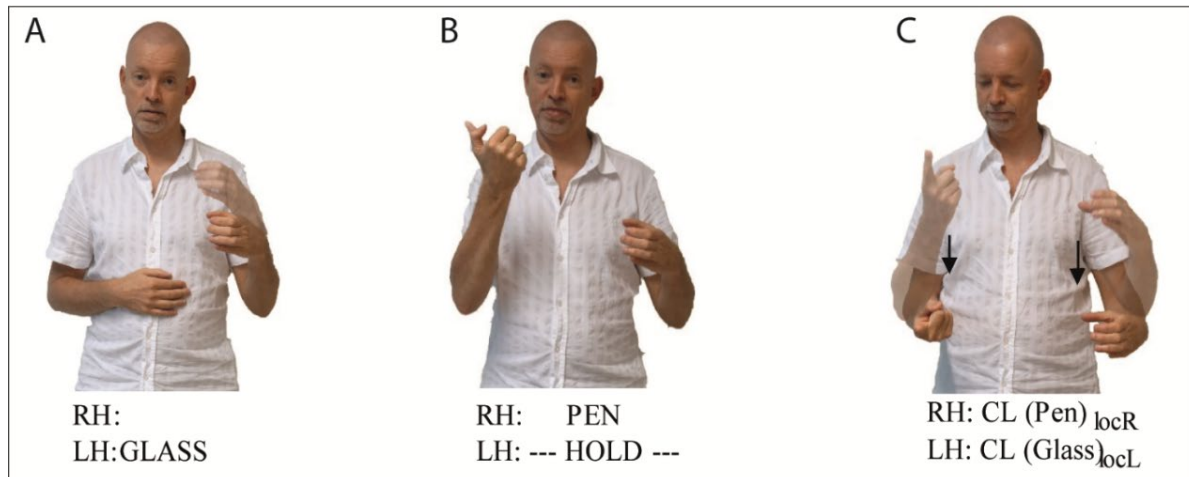


Figure S2. Fixating the ground vs. figure object during message preparation in Dutch and NGT across non-signers (left upper panel), signers (right upper panel) and hearing bimodal bilinguals (Dutch: left bottom panel; NGT: right bottom panel). X-axis displays the time course of target indication (1000ms) and message preparation (1500 ms including 200ms saccade correction) until language production onset (3500 ms).

