



















## ULRIKA KLOMP Towards Automated Sign Language to Written Language Translation Boris Mocialov, Helen Hastie, and Graham Turner Heriot-Watt University, Edisburgh, UK, {bml, h.bustie, g.h.turner}@bbx.ac.uk Conditional Clauses in Sign Keywor Transfer Learning for Langu Language of the Netherlands: om The BSL cor A Corpus-Based Study Result Abstract Abstract Conditional clauses are underresearched in sign languages, and the research that has been done has mostly employed elicited data. The research that has been done has mostly employed elicited data. The in Sign Language of the Netherlands (NGT) based on naturalistic tionals in NGT can be introduced with a manual marker, although it is also possible to only use neuronnaum durkers such as raised ep-brows, head movement, and head tilt. Different, however, is the strik-ing amount of variation that we domd with respect to both manual and nonmanual marking. This might be due to differing methodolo-gies, but we discuss servel other potential explanations as well. We further provide evidence that nonmanual markers are less frequent in conditionals with manual markers than without. In addition, we offer an—albeit thrief—description of peripheral conditionals in NGT, a conditional type that has not yet been investigated thoroughly for any sign language. Classes The f aining stacked LSTMs and is the The BS (Table b) Ti ing Results far that will b come n Segmentation of Signing Video: The 2 Methodolo igning, returns start and end times of t insfer Lear . ning for Langua ose library<sup>3</sup> [1]. On Figure a), the feat arts. mentation of Signing Video: Hand fourts of the provident state CONDITIONAL CLAUSES are intriguing and interesting to study from multiple perspectives. In its classical form, the conditional sentence type is often formalized as the simple logical formula "if p. q." Segmentation of rom Figure a) are u roids all hand point

Contact address: o.crasborn@let.ru.nl









