

### Supplementary file 6

Experiment 2.1, output of cumulative link mixed model.

| <i>fixed effects</i>                         | <b>estimate</b> | <b>standard error</b> | <b>z-value</b> | <b>p-value</b> |
|--|-----------------|-----------------------|----------------|----------------|
| indefinite <i>koe-</i>                       | -1.8854         | 0.4798                | -3.930         | <.001***       |
| indefinite <i>-to</i>                        | -0.7673         | 0.5076                | -1.511         | .131           |
| scope f-NSR                                  | -1.0189         | 0.3099                | -3.288         | .001**         |
| scope <i>wsr</i>                             | -1.7014         | 0.3167                | -5.373         | <.001***       |
| indefinite <i>koe-</i> *<br>scope f-NSR      | 2.7160          | 0.4578                | 5.933          | <.001***       |
| indefinite <i>-to</i> *<br>scope f-NSR       | 1.3232          | 0.4672                | 2.832          | .005**         |
| indefinite <i>koe-</i> *<br>scope <i>wsr</i> | 3.5117          | 0.4678                | 7.507          | <.001***       |
| indefinite <i>-to</i> *<br>scope <i>wsr</i>  | 1.7111          | 0.4747                | 3.605          | <.001***       |
| <i>random effects</i>                        | <b>variance</b> | <b>sd</b>             |                |                |
| participants                                 | 1.137           | 1.066                 |                |                |
| items  | 0               | 0                     |                |                |

\*\*\* p<.001, \*\*p<.01