

Figure 2b The CONTENT of *kodomo ga keeki o tukuru* ‘A child makes a cake.’

= ARG [8]
REL {X | {x_q | child'(x_q)} ∩ X ≠ ∅}
REL_INDEX n

[8]
 = The CONTENT of [7]
 = [6]

= ARG [2]
REL {X | {x_q | cake'(x_q)} ∩ X ≠ ∅}
REL_INDEX a

[2]
 = The CONTENT of [1]
 = make'(x_a)(x_n)

= ARG make'(x_a)(x_n)
REL {X | {x_q | cake'(x_q)} ∩ X ≠ ∅}
REL_INDEX a

= {x_a | make'(x_a)(x_n)} ∈ {X | {x_q | cake'(x_q)} ∩ X ≠ ∅}
 = {x_q | cake'(x_q)} ∩ {x_a | make'(x_a)(x_n)} ≠ ∅

= ARG {x_q | cake'(x_q)} ∩ {x_a | make'(x_a)(x_n)} ≠ ∅
REL {X | {x_q | child'(x_q)} ∩ X ≠ ∅}
REL_INDEX n

= {x_n | {x_q | cake'(x_q)} ∩ {x_a | make'(x_a)(x_n)} ≠ ∅} ∈ {X | {x_q | child'(x_q)} ∩ X ≠ ∅}
 = {x_q | child'(x_q)} ∩ {x_n | {x_q | cake'(x_q)} ∩ {x_a | make'(x_a)(x_n)} ≠ ∅} ≠ ∅
 = $\exists x[\text{child}'(x) \ \& \ \exists y[\text{cake}'(y) \ \& \ \text{make}'(y)(x)]]$