

for channel  $c$  with  $cap(c) \geq 1$

receiving a message:

$$\frac{l_i \xrightarrow{c?x} l'_i \wedge \xi(c) = v_1 v_2 \dots v_k \wedge k \geq 1}{\langle l_1, \dots, l_i, \dots, l_n, \eta, \xi \rangle \xrightarrow{T} \langle l_1, \dots, l'_i, \dots, l_n, \eta', \xi' \rangle}$$

where  $\eta' = \eta[x := v_1]$  and  $\xi' = \xi[c := v_2 \dots v_k]$

sending a message:

$$\frac{l_i \xrightarrow{c!v} l'_i \wedge \xi(c) = v_1 \dots v_k \wedge k < cap(c)}{\langle l_1, \dots, l_i, \dots, l_n, \eta, \xi \rangle \xrightarrow{T} \langle l_1, \dots, l'_i, \dots, l_n, \eta, \xi[c := v_1 \dots v_k v] \rangle}$$