(mlet (X T) = C_1 in C_2) [let$_1$]

$\longrightarrow$ (mlet (X T) = C_3 in C_2)

where escoger⟦`(apply-reduction-relation vρ` C_1`)`, C_3⟧,
`(not (is-value?` C_1`))`,
`(not (is-variable?` primero⟦C_1⟧`))`,
novacio?⟦`(apply-reduction-relation vρ` C_1`)`⟧

(C :: T) $\longrightarrow$ (C_3 :: T) [asc$_1$]

where escoger⟦`(apply-reduction-relation vρ` C`)`, C_3⟧,
`(not (is-value?` C`))`,
`(not (is-variable?` primero⟦C⟧`))`,
novacio?⟦`(apply-reduction-relation vρ` C`)`⟧

(C_1 C_2) $\longrightarrow$ (C_3 C_2) [app$_1$]

where escoger⟦`(apply-reduction-relation vρ` C_1`)`, C_3⟧,
`(not (is-value?` C_1`))`,
`(not (is-variable?` primero⟦C_1⟧`))`,
novacio?⟦`(apply-reduction-relation vρ` C_1`)`⟧

(((λ (X T) M) ρ) C_2) [app$_2$]

$\longrightarrow$ (((λ (X T) M) ρ) C_3)

where escoger⟦`(apply-reduction-relation vρ` C_2`)`, C_3⟧,
`(not (is-value?` C_2`))`,
`(not (is-variable?` primero⟦C_2⟧`))`,
novacio?⟦`(apply-reduction-relation vρ` C_2`)`⟧

((X ρ) C_2) [app$_3$]

$\longrightarrow$ ((X ρ) C_3)

where escoger⟦`(apply-reduction-relation vρ` C_2`)`, C_3⟧,
`(not (is-value?` C_2`))`,
`(not (is-variable?` primero⟦C_2⟧`))`,
novacio?⟦`(apply-reduction-relation vρ` C_2`)`⟧

(O C_2) $\longrightarrow$ (O C_3) [app$_{2O}$]

where escoger⟦`(apply-reduction-relation vρ` C_2`)`, C_3⟧,
`(not (is-value?` C_2`))`,
`(not (is-variable?` primero⟦C_2⟧`))`,
novacio?⟦`(apply-reduction-relation vρ` C_2`)`⟧