```
termvar, \, x, \, y, \, z, \, f
  typevar, X, Y, Z
  index,\;i,\;j,\;k
  t, c, v, s, n
                                                         ::=
                                                                     \boldsymbol{x}
                                                                     triv
                                                                     box
                                                                     unbox
                                                                     \Lambda(X <: A).t
                                                                     [A]t
                                                                     \lambda(x:A).t
                                                                     t_1 t_2
                                                                    (t_1, t_2)
                                                                     \mathsf{fst}\;t
                                                                     \mathsf{snd}\; t
                                                                     \mathsf{succ}\ t
                                                                    case t of t_3 \rightarrow t_1, t_4 \rightarrow t_2
                                                                     t :: t'
                                                                                                                       S
                                                                     (t)
  K
                                                          ::=
  A, B, C, D, E, S, U
                                                                    \top
                                                                    \mathbb{S}
                                                                    X
                                                                    \mathsf{List}\,A
                                                                    \forall (X <: A).B
                                                                    Unit
                                                                     Nat
                                                                    A_1 \to A_2 \\ A_1 \times A_2
                                                                                                                       S
 Γ
                                                                    \begin{array}{l} \Gamma, X <: A \\ \Gamma, x : A \end{array}
\Gamma \vdash A : \star
                                                                \frac{\Gamma_1 \vdash A : \star}{\Gamma_1, X <: A, \Gamma_2 \vdash X : \star}
                                                                                                   K_{\text{-}TOP}
                                                                               \overline{\Gamma \vdash \mathbb{S} : \star}
                                                                                                   K\_{\rm SL}
```

 $\Gamma \, \mathrm{Ok}$

$$\frac{\Gamma \text{ Ok} \quad \text{OK_EMPTY}}{\Gamma \text{ Ok} \quad \Gamma \vdash A : \star} \quad \text{OK_TYPEVAR}$$

$$\frac{\Gamma \text{ Ok} \quad \Gamma \vdash A : \star}{(\Gamma, x : A) \text{ Ok}} \quad \text{OK_VAR}$$

 $\Gamma \vdash A \sim B$

$$\frac{\Gamma \vdash A : \star}{\Gamma \vdash A \sim A} \quad \text{C_Refl}$$

$$\frac{\Gamma \vdash A : \star}{\Gamma \vdash A \sim ?} \quad \text{C_Box}$$

$$\frac{\Gamma \vdash A : \star}{\Gamma \vdash ? \sim A} \quad \text{C_Unbox}$$

$$\frac{\Gamma \vdash A \sim B}{\Gamma \vdash (\text{List } A) \sim (\text{List } B)} \quad \text{C_List}$$

$$\frac{\Gamma \vdash A_2 \sim A_1 \quad \Gamma \vdash B_1 \sim B_2}{\Gamma \vdash (A_1 \rightarrow B_1) \sim (A_2 \rightarrow B_2)} \quad \text{C_Arrow}$$

$$\frac{\Gamma \vdash A_1 \sim A_2 \quad \Gamma \vdash B_1 \sim B_2}{\Gamma \vdash (A_1 \times B_1) \sim (A_2 \times B_2)} \quad \text{C_Prod}$$

$$\frac{\Gamma \vdash A_1 \sim A_2 \quad \Gamma \vdash B_1 \sim B_2}{\Gamma \vdash (A_1 \times B_1) \sim (A_2 \times B_2)} \quad \text{C_Prod}$$

$$\frac{\Gamma, X <: A \vdash B_1 \sim B_2}{\Gamma \vdash (\forall (X <: A).B_1) \sim (\forall (X <: A).B_2)} \quad \text{C_Forall}$$

 $A \sqsubseteq B$

$$\cfrac{\overline{A \sqsubseteq ?}}{\overline{A \sqsubseteq A}} \quad \text{P_REFL}$$

$$\cfrac{A \sqsubseteq C \quad B \sqsubseteq D}{(A \to B) \sqsubseteq (C \to D)} \quad \text{P_ARROW}$$

$$\frac{A \sqsubseteq C \quad B \sqsubseteq D}{(A \times B) \sqsubseteq (C \times D)} \quad \text{P_PROD}$$

$$\frac{A \sqsubseteq B}{(\text{List } A) \sqsubseteq (\text{List } B)} \quad \text{P_LIST}$$

$$\frac{A_1 \sqsubseteq A_2 \quad B_1 \sqsubseteq B_2}{(\forall (X <: A_1).B_1) \sqsubseteq (\forall (X <: A_2).B_2)} \quad \text{P_FORALL}$$

 $t \sqsubseteq t'$

$$\begin{array}{c|c} \hline t \sqsubseteq t \\ \hline (\operatorname{succ} t_1) \sqsubseteq (\operatorname{succ} t_2) \\ \hline \end{array} \text{ TP_SUCC} \\ \hline \begin{array}{c|c} t_1 \sqsubseteq t_4 & t_2 \sqsubseteq t_5 & t_3 \sqsubseteq t_6 \\ \hline (\operatorname{case} t_1 \operatorname{of} 0 \to t_2, (\operatorname{succ} x) \to t_3) \sqsubseteq (\operatorname{case} t_4 \operatorname{of} 0 \to t_5, (\operatorname{succ} x) \to t_6) \\ \hline \\ \hline \begin{array}{c|c} t_1 \sqsubseteq t_3 & t_2 \sqsubseteq t_4 \\ \hline (t_1, t_2) \sqsubseteq (t_3, t_4) \\ \hline \end{array} \end{array} \text{ TP_PAIR} \\ \hline \begin{array}{c|c} t_1 \sqsubseteq t_3 & t_2 \sqsubseteq t_4 \\ \hline (t_1, t_2) \sqsubseteq (\operatorname{fst} t_2) \\ \hline \end{array} \text{ TP_FST} \\ \hline \\ \begin{array}{c|c} t_1 \sqsubseteq t_2 \\ (\operatorname{fst} t_1) \sqsubseteq (\operatorname{fst} t_2) \\ \hline \end{array} \end{array} \text{ TP_SND} \\ \hline \\ \begin{array}{c|c} t_1 \sqsubseteq t_3 & t_2 \sqsubseteq t_4 \\ \hline (t_1 :: t_2) \sqsubseteq (t_3 :: t_4) \\ \hline \end{array} \end{array} \text{ TP_CONS} \\ \hline \\ \begin{array}{c|c} t_1 \sqsubseteq t_3 & t_2 \sqsubseteq t_4 \\ \hline \hline (t_1 :: t_2) \sqsubseteq (t_3 :: t_4) \\ \hline \end{array} \end{array} \text{ TP_CONS} \\ \hline \\ \begin{array}{c|c} t_1 \sqsubseteq t_4 & t_2 \sqsubseteq t_5 & t_3 \sqsubseteq t_6 \\ \hline \end{array} \end{array} \end{array} \text{ TP_LISTE} \\ \hline \\ \begin{array}{c|c} t_1 \sqsubseteq t_4 & t_2 \sqsubseteq t_5 & t_3 \sqsubseteq t_6 \\ \hline \hline \end{array} \end{array} \end{array} \text{ TP_LISTE} \\ \hline \\ \begin{array}{c|c} t_1 \sqsubseteq t_2 & A_1 \sqsubseteq A_2 \\ \hline \hline \hline (\lambda(x :: A_1).t) \sqsubseteq (\lambda(x :: A_2).t_2) \\ \hline \end{array} \end{array} \text{ TP_APP} \\ \hline \\ \begin{array}{c|c} t_1 \sqsubseteq t_3 & t_2 \sqsubseteq t_4 \\ \hline \hline (t_1 t_2) \sqsubseteq (t_3 t_4) \\ \hline \hline \hline (t_1 t_2) \sqsubseteq (t_3 t_4) \\ \hline \end{array} \end{array} \text{ TP_APP} \\ \hline \\ \begin{array}{c|c} t_1 \sqsubseteq t_3 & A_1 \sqsubseteq A_2 \\ \hline \hline \hline (\Lambda(X <: A_1).t_1) \sqsubseteq (\Lambda(X <: A_2).t_2) \\ \hline \end{array} \end{array} \text{ TP_TFUN} \\ \hline \\ \begin{array}{c|c} t_1 \sqsubseteq t_2 & A_1 \sqsubseteq A_2 \\ \hline \hline \hline (\Lambda(X <: A_1).t_1) \sqsubseteq (\Lambda(X <: A_2).t_2) \\ \hline \end{array} \end{array} \text{ TP_TFUN} \\ \hline \\ \begin{array}{c|c} t_1 \sqsubseteq t_2 & A_1 \sqsubseteq A_2 \\ \hline \hline \hline (\Lambda(X <: A_1).t_1) \sqsubseteq (\Lambda(X <: A_2).t_2) \\ \hline \end{array} \end{array} \text{ TP_TFUN} \\ \hline \\ \begin{array}{c|c} t_1 \sqsubseteq t_2 & A_1 \sqsubseteq A_2 \\ \hline \hline \hline (\Lambda(X <: A_1).t_1) \sqsubseteq (\Lambda(X <: A_2).t_2) \\ \hline \end{array} \end{array} \end{array} \text{ TP_TAPP}$$

 $\Gamma \vdash A \lesssim B$

$$\frac{\Gamma \vdash A : \star}{\Gamma \vdash A \lesssim A} \quad \text{S_REFL}$$

$$\frac{X <: A' \in \Gamma \quad \Gamma \vdash A' \sim A}{\Gamma \vdash X \lesssim A} \quad \text{S_VAR}$$

$$\frac{\Gamma \vdash A : \star}{\Gamma \vdash A \lesssim \top} \quad \text{S_TOP}$$

$$\frac{\Gamma \vdash A : \star}{\Gamma \vdash A \lesssim ?} \quad \text{S_Box}$$

$$\frac{\Gamma \vdash A : \star}{\Gamma \vdash ? \lesssim A} \quad \text{S_UNBOX}$$

$$\frac{\Gamma \text{ Ok}}{\Gamma \vdash \text{Nat} \lesssim \mathbb{S}} \quad \text{S_NATSL}$$

$$\frac{\Gamma \text{ Ok}}{\Gamma \vdash \text{Unit} \lesssim \mathbb{S}} \quad \text{S_UNITSL}$$

$$\frac{\Gamma \vdash A \lesssim \mathbb{S}}{\Gamma \vdash \text{List } A \lesssim \mathbb{S}} \quad \text{S_LISTSL}$$

$$\frac{\Gamma \vdash A \lesssim \mathbb{S}}{\Gamma \vdash A \to B \lesssim \mathbb{S}} \quad \text{S_ARROWSL}$$

$$\frac{\Gamma \vdash A \lesssim \mathbb{S}}{\Gamma \vdash A \times B \lesssim \mathbb{S}} \quad \text{S_PRODSL}$$

$$\frac{\Gamma \vdash A \lesssim \mathbb{S}}{\Gamma \vdash (\text{List } A) \lesssim (\text{List } B)} \quad \text{S_LIST}$$

$$\frac{\Gamma \vdash A_1 \lesssim A_2 \quad \Gamma \vdash B_1 \lesssim B_2}{\Gamma \vdash (A_1 \times B_1) \lesssim (A_2 \times B_2)} \quad \text{S_PROD}$$

$$\frac{\Gamma \vdash A_2 \lesssim A_1 \quad \Gamma \vdash B_1 \lesssim B_2}{\Gamma \vdash (A_1 \to B_1) \lesssim (A_2 \to B_2)} \quad \text{S_ARROW}$$

$$\frac{\Gamma, X \leqslant A \vdash B_1 \lesssim B_2}{\Gamma \vdash (\forall (X \leqslant A).B_1) \lesssim (\forall (X \leqslant A).B_2)} \quad \text{S_FORALL}$$

 $\Gamma \vdash t : A$

$$\frac{x:A\in\Gamma\ \Gamma\operatorname{Ok}}{\Gamma\vdash x:A} \quad \operatorname{T_{-VARP}}$$

$$\frac{\Gamma\operatorname{Ok}}{\Gamma\vdash\operatorname{box}:\forall(X<:\mathbb{S}).(X\to?)} \quad \operatorname{T_{-Box}}$$

$$\frac{\Gamma\operatorname{Ok}}{\Gamma\vdash\operatorname{unbox}:\forall(X<:\mathbb{S}).(?\to X)} \quad \operatorname{T_{-UNITP}}$$

$$\frac{\Gamma\operatorname{Ok}}{\Gamma\vdash\operatorname{triv}:\operatorname{Unit}} \quad \operatorname{T_{-UNITP}}$$

$$\frac{\Gamma\operatorname{Ok}}{\Gamma\vdash 0:\operatorname{Nat}} \quad \operatorname{T_{-ZEROP}}$$

$$\frac{\Gamma\vdash t:A \quad \operatorname{nat}(A)=\operatorname{Nat}}{\Gamma\vdash\operatorname{succ}t:\operatorname{Nat}} \quad \operatorname{T_{-SUCC}}$$

$$\frac{\Gamma\vdash t:C \quad \operatorname{nat}(C)=\operatorname{Nat}\ \Gamma\vdash A_1\sim A}{\Gamma\vdash t_1:A_1\quad \Gamma,x:\operatorname{Nat}\vdash t_2:A_2\quad \Gamma\vdash A_2\sim A} \quad \operatorname{T_{-NCASE}}$$

$$\frac{\Gamma\vdash t_1:A_1\quad \Gamma,x:\operatorname{Nat}\vdash t_2:A_2\quad \Gamma\vdash A_2\sim A}{\Gamma\vdash\operatorname{case}t \text{ of }0\to t_1,(\operatorname{succ}x)\to t_2:A} \quad \operatorname{T_{-NCASE}}$$

$$\frac{\Gamma\operatorname{Ok}\ \Gamma\vdash A:\star}{\Gamma\vdash []:\forall(X<:?).\operatorname{List}X} \quad \operatorname{T_{-EMPTY}}$$

$$\frac{\Gamma\vdash t_1:A_1\quad \Gamma\vdash t_2:A_2\quad \operatorname{list}(A_2)=\operatorname{List}A_3\quad \Gamma\vdash A_1\sim A_3}{\Gamma\vdash t_1:t_2:\operatorname{List}A_3} \quad \operatorname{T_{-CONS}}$$

$$\frac{\Gamma \vdash h_1 : A_1 \quad \Gamma \vdash b_2 : A_2}{\Gamma \vdash (h_1, b_2) : A_1 \times A_2} \qquad \text{T.pair}$$

$$\frac{\Gamma, x : A \vdash t : B}{\Gamma \vdash A(x : A) . t : A \to B} \qquad \text{T.Lam}$$

$$\frac{\Gamma, x : A \vdash t : B}{\Gamma \vdash A(x : A) . t : V(X < A) . B} \qquad \text{T.Lam}$$

$$\frac{\Gamma \vdash t : V(X < B) . C \quad \Gamma \vdash A \le B}{\Gamma \vdash (A \mid X \mid A) = \Gamma} \qquad \text{T.Sub}$$

$$\frac{\Gamma \vdash t : V(X < B) . C \quad \Gamma \vdash A \le B}{\Gamma \vdash (a \mid A \mid A) = \Gamma} \qquad \text{T.Sub}$$

$$\frac{\Gamma \vdash t : C \quad \text{list}(C) = \text{List } A}{\Gamma \vdash t_1 : B_1 \quad \Gamma, x : A, y : \text{List } A \vdash b_2 : B_2} \qquad \text{T.Sub}}{\Gamma \vdash \text{case } tof \mid \mid \rightarrow t_1, (x : y) \to t_2 : B}} \qquad \text{T.Lamp}$$

$$\frac{\Gamma \vdash t_1 : C \quad \text{fun}(C) = A_1 \to B_1}{\Gamma \vdash t_2 : A_2 \quad \Gamma \vdash A_2 \sim A_1} \qquad \text{T.App}}$$

$$\frac{\Gamma \vdash t_1 : C \quad \text{fun}(C) = A_1 \to B_1}{\Gamma \vdash t_2 : B_2} \qquad \text{T.App}}$$

$$\frac{\Gamma \vdash t : B \quad \text{prod}(B) = A_1 \times A_2}{\Gamma \vdash \text{fist} : A_1} \qquad \text{T.FST}}$$

$$\frac{\Gamma \vdash t : B \quad \text{prod}(B) = A_1 \times A_2}{\Gamma \vdash \text{sind } t : A_2} \qquad \text{T.Snd}}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow b_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLVAR}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow b_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLUNBOX}}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow b_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLUNBOX}}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow b_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLUNBOX}}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow b_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLUNBOX}}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow b_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLUNBOX}}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow b_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLUNBOX}}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow b_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLUNBOX}}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow b_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLUNBOX}}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow b_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLUNBOX}}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow b_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLSERO}}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow b_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLSUCC}}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow b_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLSUCC}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_1 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLSUCC}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLNCASEU}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLNCASE}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLNCASE}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLNCASE}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLNCASE}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_2 : A}{\Gamma \vdash \text{tunbox}} \qquad \text{CLNCASE}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_2 :?}{\Gamma \vdash \text{fist } t_1 \Rightarrow \text{fist } (\text{split}_{(? \times ?)}, b_2) :?} \quad \text{CL.FSTU}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_2 : A_1 \times A_2}{\Gamma \vdash \text{fist } t_1 \Rightarrow \text{fist } b_2 : A_1} \quad \text{CL.FST}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_2 :?}{\Gamma \vdash \text{snd } t_1 \Rightarrow \text{snd } (\text{split}_{(? \times ?)}, b_2) :?} \quad \text{CL.SNDU}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_2 : A \times B}{\Gamma \vdash \text{snd } t_1 \Rightarrow \text{snd } t_2 : B} \quad \text{CL.SND}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_2 : A \times B}{\Gamma \vdash \text{snd } t_1 \Rightarrow \text{snd } t_2 : B} \quad \text{CL.EMPTY}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_1' : A_1 \quad \Gamma \vdash t_2 \Rightarrow t_2' : \text{List } A_2 \quad \Gamma \vdash A_1 \lesssim A_2 \quad \text{caster}(A_1, A_2) = c}{\Gamma \vdash (t_1 :: t_2) \Rightarrow ((c \ t_1') :: t_2') : \text{List } A} \quad \text{CL.CASEU}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_1' : B \quad \Gamma, x : ?, y : \text{List }? \vdash t_2 \Rightarrow t_2' : B}{\Gamma \vdash (\text{case } t \text{ of } [] \rightarrow t_1, (x :: y) \rightarrow t_2) \Rightarrow (\text{case } (\text{split}_{(\text{List }?)}, t') \text{ of } [] \rightarrow t_1', (x :: y) \rightarrow t_2') : B} \quad \text{CL.CASEU}$$

$$\frac{\Gamma \vdash t \Rightarrow t : \text{List } A}{\Gamma \vdash t_1 \Rightarrow t_1' : B \quad \Gamma, x : A, y : \text{List } A \vdash t_2 \Rightarrow t_2' : B}$$

$$\frac{\Gamma \vdash (\text{case } t \text{ of } [] \rightarrow t_1, (x :: y) \rightarrow t_2) \Rightarrow (\text{case } t' \text{ of } [] \rightarrow t_1', (x :: y) \rightarrow t_2') : B} \quad \text{CL.LCASE}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_1' : B \quad \Gamma, x : A, y : \text{List } A \vdash t_2 \Rightarrow t_2' : B}{\Gamma \vdash (\text{case } t \text{ of } [] \rightarrow t_1, (x :: y) \rightarrow t_2) \Rightarrow (\text{case } t' \text{ of } [] \rightarrow t_1', (x :: y) \rightarrow t_2') : B} \quad \text{CL.LCASE}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_1' : B \quad \Gamma, x : A, y : \text{List } A \vdash t_2 \Rightarrow t_2' : B}{\Gamma \vdash (\text{Last } t \text{ of } t_1') : t_1' : t_1' \Rightarrow t_2' : A_2} \quad \text{CL.LCASE}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_1' : B \quad \Gamma, x : A, y : \text{List } A \vdash t_2 \Rightarrow t_2' : B}{\Gamma \vdash t_1 \Rightarrow t_1' : t_1 \Rightarrow t_2' : A_2} \quad \text{CL.LAM}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_1' : A_1 \quad B \quad \Gamma \vdash A_2 \lesssim A_1 \quad \text{caster}(A_2, A_1) \Rightarrow c}{\Gamma \vdash t_1 \Rightarrow t_1' : A_1 \Rightarrow B \quad \Gamma \vdash A_2 \lesssim A_1 \quad \text{caster}(A_2, A_1) \Rightarrow c} \quad \text{CL.APPU}$$

$$\frac{\Gamma \vdash t_2 \Rightarrow t_2' : A_2}{\Gamma \vdash t_1 \Rightarrow t_1' : A_1 \Rightarrow B \quad \Gamma \vdash A_2 \lesssim A_1 \quad \text{caster}(A_2, A_1) \Rightarrow c} \quad \text{CL.APP}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_2 : \forall (X \leqslant A) \cdot t_1 \Rightarrow t_1' \in t_2' : B}{\Gamma \vdash (\Lambda(X \leqslant A) \cdot t_1) \Rightarrow (\Lambda(X \leqslant A) \cdot t_2) : \forall (X \leqslant A) \cdot B} \quad \text{CL.LAM}$$

$$\frac{\Gamma \vdash t_1 \Rightarrow t_2 : \forall (X \leqslant B) \cdot C \quad \Gamma \vdash A \lesssim B}{\Gamma \vdash ([A]t_1) \Rightarrow ([A]t_2) : [A/X]C} \quad \text{CL.TYPEAPP}$$

Definition rules: 93 good 0 bad Definition rule clauses: 181 good 0 bad