

| | | | | | | |
|---------------------------------------------------|------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| | | | | | | |
| | | | | | Instance: { 'a -> int } | |
| Var | Var | Const | Var | Const | | |
| {x : 'a} ⊢ x : 'a | {id : ALL 'a. 'a -> 'a} ⊢ | {id : ALL 'a. 'a -> 'a} ⊢ | {id : ALL 'a. 'a -> 'a} ⊢ | {id : ALL 'a. 'a -> 'a} ⊢ | {id : ALL 'a. 'a -> 'a} ⊢ | {id : ALL 'a. 'a -> 'a} ⊢ |
| Fun | id : bool -> bool | 3 : int | id : int -> int | id : int -> int | id : int -> int | 2 : int |
| { } ⊢ fun x -> x : 'a -> 'a | App | BinOp | App | App | App | App |
| Let | {id : ALL 'a. 'a -> 'a} ⊢ id (3 = id 2) : bool | | | | | |
| { } ⊢ let id = fun x -> x in id (3 = id 2) : bool | | | | | | |