	T	F	
α	$S, T\mathrm{A} \wedge \mathrm{B}$ $S, T\mathrm{A}, T\mathrm{B}$	$S, F\mathrm{A} \wedge \mathrm{B}$ $S, F\mathrm{A}$ $S, F\mathrm{B}$	β
β	$S, T\mathrm{A} \vee \mathrm{B}$ $S, T\mathrm{A}$ $S, T\mathrm{B}$	$S, F\mathrm{A} \vee \mathrm{B}$ $S, F\mathrm{A}, F\mathrm{B}$	α
β	$S, T\mathrm{A} \Rightarrow \mathrm{B}$ $S, F\mathrm{A}$ $S, T\mathrm{B}$	$S, F\mathrm{A} \Rightarrow \mathrm{B}$ $S, T\mathrm{A}, F\mathrm{B}$	α
α	$S, T\neg\mathrm{A}$ $S, F\mathrm{A}$	$S, F\neg\mathrm{A}$ $S, T\mathrm{A}$	α
*	$S, T\mathrm{A}, F\mathrm{A}$		

	left	right	
andL	$H, A \wedge B, H' \vdash C$ $H, A, B, H' \vdash C$	$H \vdash A \wedge B$ $H \vdash A$ $H \vdash B$	andR
orL	$H, A \vee B, H' \vdash C$ $H, A, H' \vdash C$ $H, B, H' \vdash C$	$H \vdash A \vee B$ $H \vdash A, \boxed{B}$	orR1
		$H \vdash A \vee B$ $H \vdash B, \boxed{A}$	orR2
impliesL	$H, A \Rightarrow B, H' \vdash C$ $H, A \Rightarrow B, H' \vdash A, \boxed{C}$ $H, B, H' \vdash C$	$H \vdash A \Rightarrow B$ $H, A \vdash B$	impliesR
notL	$H, \neg A, H' \vdash C$ $H, \neg A, H' \vdash A, \boxed{C}$	$H \vdash \neg A$ $H, A \vdash \mathsf{f}$	notR
		$H, A, H' \vdash A$	axiom

↓ ↑

	T	F	
α	$S_T, T\mathrm{A} \wedge \mathrm{B}, F\mathrm{C}$ $S_T, T\mathrm{A}, T\mathrm{B}, F\mathrm{C}$	$S_T, F\mathrm{A} \wedge \mathrm{B}$ $S_T, F\mathrm{A}$ $S_T, F\mathrm{B}$	β
β	$S_T, T\mathrm{A} \vee \mathrm{B}, F\mathrm{C}$ $S_T, T\mathrm{A}, F\mathrm{C}$ $S_T, T\mathrm{B}, F\mathrm{C}$	$S_T, F\mathrm{A} \vee \mathrm{B}$ $S_T, T\neg\mathrm{A}, F\mathrm{B}$ $S_T, F\mathrm{A} \vee \mathrm{B}$ $S_T, T\neg\mathrm{B}, F\mathrm{A}$	α
β	$S_T, T\mathrm{A} \Rightarrow \mathrm{B}, F\mathrm{C}$ $S_T, T\neg\mathrm{C}, F\mathrm{A}$ $S_T, T\mathrm{B}, F\mathrm{C}$	$S_T, F\mathrm{A} \Rightarrow \mathrm{B}$ $S_T, T\mathrm{A}, F\mathrm{B}$	α
α	$S_T, T\neg\mathrm{A}, F\mathrm{C}$ $S_T, T\neg\mathrm{C}, F\mathrm{A}$	$S_T, F\neg\mathrm{A}$ $S_T, T\mathrm{A}$	α
*	$S_T, T\mathrm{A}, F\mathrm{A}$		

↦

	left	right	
α	$S, \mathrm{A} \wedge \mathrm{B} \vdash \mathrm{C}$ $S, \mathrm{A}, \mathrm{B} \vdash C$	$S \vdash \mathrm{A} \wedge \mathrm{B}$ $S \vdash \mathrm{A}$ $S \vdash \mathrm{B}$	β
β	$S, \mathrm{A} \vee \mathrm{B} \vdash C$ $S, \mathrm{A} \vdash C$ $S, \mathrm{B} \vdash C$	$S \vdash \mathrm{A} \vee \mathrm{B}$ $S, \neg\mathrm{A} \vdash \mathrm{B}$ $S \vdash \mathrm{A} \vee \mathrm{B}$ $S, \neg\mathrm{B} \vdash \mathrm{A}$	α
β	$S, \mathrm{A} \Rightarrow \mathrm{B} \vdash C$ $S, \neg C \vdash \mathrm{A}$ $S, \mathrm{B} \vdash C$	$S \vdash \mathrm{A} \Rightarrow \mathrm{B}$ $S, \mathrm{A} \vdash \mathrm{B}$	α
α	$S, \neg\mathrm{A} \vdash C$ $S, \neg C \vdash \mathrm{A}$	$S \vdash \neg\mathrm{A}$ $S, \mathrm{A} \vdash \mathsf{f}$	α
*	$S, \mathrm{A} \vdash \mathrm{A}$		