$$\frac{\text{var m, } P(m) \land Q(m) \vdash Q(m) \land P(m)}{\text{var m, } P(m) \land Q(m) \vdash \exists x. Q(x) \land P(x)} \vdash \exists$$

$$\frac{\text{var m, } P(m) \land Q(m) \vdash \exists x. Q(x) \land P(x)}{\exists x. P(x) \land Q(x) \vdash \exists x. Q(x) \land P(x)} \exists \vdash$$