

“happy” →

$$x > \theta_1$$

“not happy” →

$$\neg(x > \theta_1)$$

$$x < \theta_3$$

“unhappy” →

$$\neg(x > \theta_1)$$

$$x < \theta_2$$

“not unhappy” →

$$\neg\neg(x > \theta_1)$$

$$\neg(x < \theta_2)$$

... logical negation — bonafide contraries — full uncertainty