$$\log(\frac{\hat{p}}{1-\hat{p}}) = 2.60 + 0.60x \text{ age } 20\text{-}29$$

$$+ 0.38x \text{ age } 30\text{-}39$$

$$+ 0.53x \text{ age } 40\text{-}49$$

$$+ 0.33x \text{ age } 50\text{-}59$$

$$- 0.61x \text{ age } 70\text{-}79$$

$$- 1.16x \text{ age } 80\text{-}89$$

$$- 1.62x \text{ age } 90\text{+}$$

$$- 0.13x \text{ male}$$

$$- 0.18x \text{ community}$$

$$- 0.38x \text{ health care}$$

$$- 0.43x \text{ inst.}$$

$$- 0.16x \text{ outbreak asc}$$

$$- 0.89x \text{ travel}$$

$$- 1.01x \text{ hospitalized}$$

$$- 1.26x \text{ ICU}$$

$$\log(\frac{\hat{p}}{1-\hat{p}}) = 2.60 + 0.60(0) + 0.38(0) + 0.53(0) + 0.33(0) - 0.61(0)$$

$$-1.16(0) - 1.62(1) - 0.13(1) - 0.18(0) + 0.38(0)$$

$$-0.43(1) - 0.16(0) + 0.89(0) - 1.01(1) - 1.26(1)$$

$$= 2.60 - 1.62 - 0.13 - 0.43 - 1.01 - 1.26$$

$$= -1.85$$

$$\therefore \hat{p} = 0.013$$

$$\begin{split} \log(\frac{\hat{p}}{1-\hat{p}}) &= 2.60 + 0.60(1) + 0.38(0) + 0.53(0) + 0.33(0) - 0.61(0) \\ &- 1.16(0) - 1.62(0) - 0.13(1) - 0.18(0) + 0.38(0) \\ &- 0.43(0) - 0.16(0) + 0.89(1) - 1.01(1) - 1.26(0) \\ &= 2.60 + 0.60 - 0.13 + 0.89 - 1.01 \\ &= 2.95 \\ &\therefore \hat{p} = 0.999 \end{split}$$