∴ we normalize the values as it exceeds 1.

∴

- For $x = F$

$$P(x = F \mid y_0^1, y_0^2) = \frac{0.3771}{1.0805}$$

$$= 0.3490$$

- For $x = M$

$$P(x = M \mid y_0^1, y_0^2) = \frac{0.3034}{1.0805}$$

$$= 0.2808$$

- For $x = A$

$$P(x = A \mid y_0^1, y_0^2) = \frac{0.4}{1.0805}$$

$$= 0.3702$$

Now adding to check

$$= P(x = F \mid y_0^1, y_0^2) + P(x = M \mid y_0^1, y_0^2) + P(x = A \mid y_0^1, y_0^2)$$

$$= 0.3490 + 0.2808 + 0.3702$$

$$= 1.$$