$$P_{\lambda_1}(x) = \begin{cases} 0.2, & \text{if } x = 0 \\ 0.3, & \text{if } x = 1 \\ 0.5, & \text{if } x = 2 \end{cases} \qquad p_{\lambda_2}(y) = \begin{cases} 3y + 1, & \text{if } y \le 0 \\ \frac{1}{2}y + 1, & \text{if } 0 < y \le 1 \\ \dots \\ 0.001, & \text{if } y > 5 \end{cases}$$

$$P_{\lambda_3}(x) = \begin{cases} 0.15, & \text{if } x = 0 \\ 0.81, & \text{if } x = 1 \\ 0.04, & \text{if } x = 2 \end{cases} \qquad p_{\lambda_4}(y) = \begin{cases} 2y^2 + 5y + \frac{1}{2}, & \text{if } 1 < y \le 2 \\ \frac{1}{2}y^2 + 5, & \text{if } 1 < y \le 2 \\ \dots \\ 0.001, & \text{if } y > 10 \end{cases}$$