

$$f_{X_{i_1}, \dots, X_{i_k}} \mid_{X_{j_1} = x_{j_1}, \dots, X_{j_l} = x_{j_l}} (x_{i_1}, \dots, x_{i_k}) = \frac{f_{X_{i_1}, \dots, X_{i_k}, X_{j_1}, \dots, X_{j_l}} (x_{i_1}, \dots, x_{i_k}, x_{j_1}, \dots, x_{j_l})}{f_{X_{j_1}, \dots, X_{j_l}} (x_{j_1}, \dots, x_{j_l})},$$

donde $f_{X_{i_1}, \dots, X_{i_k}, X_{j_1}, \dots, X_{j_l}} (x_{i_1}, \dots, x_{i_k}, x_{j_1}, \dots, x_{j_l})$ es la *mpf* o la *dpf* conjunta de las variables $X_{i_1}, \dots, X_{i_k}, X_{j_1}, \dots, X_{j_l}$ y $f_{X_{j_1}, \dots, X_{j_l}} (x_{j_1}, \dots, x_{j_l})$ es la *mpf* o la *dpf* conjunta de las variables X_{j_1}, \dots, X_{j_l} .