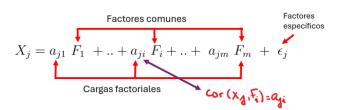
En resumen

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$$X_1 = a_{11} F_1 + ... + a_{1i} F_i + ... + a_{1m} F_m + \epsilon_1$$

$$X_j = a_{j1} | F_1 + ... + a_{ji} | F_i + ... + a_{jm} | F_m + \epsilon_j \implies h_j^2 = \sum_{i=1}^m a_{ji}^2$$

$$X_p = a_{p1} \ F_1 \ + .. + a_{pi} \ F_i + .. + \ a_{pm} \ F_m \ + \ \epsilon_p$$



$$X_1 = \begin{vmatrix} a_{11} & F_1 & + \ldots + a_{1i} & F_i + \ldots + a_{1m} & F_m & + \epsilon_1 \\ X_j = \begin{vmatrix} a_{j1} & F_1 & + \ldots + a_{ji} & F_i + \ldots + a_{jm} & F_m & + \epsilon_j \\ X_p = \begin{vmatrix} a_{p1} & F_1 & + \ldots + a_{pi} & F_i + \ldots + a_{pm} & F_m & + \epsilon_p \end{vmatrix}$$

Varianza total explicada por F_i

$$\sum_{j=1}^{p} a_{ji}^2 = \lambda_i$$

Varianza total

$$\sum_{i=1}^{p} var(X_i) = p$$

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