

Latex Table in R Markdown

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Table 1: Transformations Associated with the Johnson System

Johnson Family	Transformation	Parameter Conditions	X Condition
S_B	$Z = \gamma + \eta \ln\left(\frac{X-\epsilon}{\lambda+\epsilon-X}\right)$	$\eta, \lambda > 0, -\infty < \gamma, \epsilon < \infty$	$\epsilon < X < \epsilon + \lambda$
S_L	$Z = \gamma + \eta \ln(X - \epsilon)$	$\eta > 0, -\infty < \gamma, \epsilon < \infty$	$X > \epsilon$
S_U	$Z = \gamma + \eta \sinh^{-1}\left(\frac{X-\epsilon}{\lambda}\right)$	$\eta, \lambda > 0, -\infty < \gamma, \epsilon < \infty$	$-\infty < X < \infty$