$$\xi \xrightarrow[\text{two moments}]{\text{Preserves first}} dZ$$

$$two moments$$

$$\mu \text{ and } \sigma$$
Flight time
$$\mathcal{IG}\left(\frac{\alpha}{\mu}, \frac{\alpha^2}{\sigma^2}\right)$$

$$\tau_{\alpha} \xrightarrow[\text{two moments}]{\text{Preserves first}} \tau_{\alpha}$$