11.2-11

log- likelihad ratio:

b) Black diagrami

$$11/2-12$$
 $\Gamma(x)=\int_{0}^{\infty} t^{x-1} e^{t} dt$ $V=-e^{-t}$ $du=(x-1)+x-2 dt$

$$= (*, 1)_{0}^{\infty} f^{2} e^{-t} df = \frac{1}{(*, 1)^{n}(x-1)}$$

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$$= (*, 1)_{0}^{\infty} f^{2} e^{-t} df = \frac{1}{(*, 1)^{n}(x-1)} + \frac{1}{(*, 1)^{n}(x-1)} + \frac{1}{(*, 1)^{n}(x-1)} + \frac{1}{(*, 1)^{n}(x-1)}$$

$$= (*, 1)_{0}^{\infty} f^{2} e^{-t} e^{-t}$$

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= \frac{1}{8} \int_{-\infty}^{\infty} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2} ||_{2}$$