Improper priors

cko No ->0 => No pron information @ Mn -> 9 6n2 -> (n-1)82 Cshow $P(6^2) = \frac{1}{6^2} \equiv P(\log 6) \propto 1$. P(0,62/y) & 6-n-2 exp(-\frac{1}{262} = (y:-6)2) =6-n-2 exp $\left(-\frac{1}{262}\sum_{i=1}^{n}(y_i-\bar{y})^2+n(\bar{y}-\bar{y})^2\right)$ =6-n-2 exp(-i=[(n-1)s2+niy-012] p(62/y) & \[6-n-2 exp[-\frac{1}{26}, [(n+1)52 + n(\frac{1}{9}-\theta)^2] d\theta. $\frac{d}{dx} = 6 - n - 2$ $\exp\left(-\frac{1}{26}\left(n - i\right)s^{2}\right)$ $\int_{0}^{\infty} e^{-\frac{1}{26}\frac{2}{n}}\left(\overline{y} - e\right)^{2} de$ $\frac{d}{dt} 6^{-n-2} \exp \left(-\frac{1}{26r}(n-1)s^{2}\right) \times \sqrt{\frac{62}{n}}$ $d\left(6^{2}\right)^{-(n+1)/2} \exp\left(-\frac{(n-1)s^{2}}{26^{2}}\right)$

p(OIy):
$$\int_0^\infty \rho(\theta,o^2|y) do^2$$

$$= \int_0^\infty e^{-n-2} \exp\left[-\frac{1}{4}e^{2}[(n-1)s^2 + n(g-e)^2]\right] do^2$$
Let $A = (n-1)s^2 + n(6-g)^2$ and $z = \frac{A}{262}$.
$$\left|\frac{dz}{de^4}\right| = A(e^2)^{-2}$$

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$$\left|\frac{dz}{de^4}\right| = A(e^2)^{-2} dz$$

$$A^{-N/2} \int_0^\infty z^{(n-2)/2} e^{-z} dz$$

$$x^{(n-1)s^2} + n(\theta - g)^2 \int_0^{-N/2} x^{n-1} dx$$
or
$$\frac{\theta - g}{s} \int_0^\infty (n-1)^2 dx$$

$$e^{-n/2} \int_0^\infty z^{(n-2)/2} dx$$

$$\int_0^\infty (n-1)^2 dx$$

$$\int_0^\infty (n-$$