$$6.4$$

$$E(\hat{\theta}) = \theta$$

$$\hat{\theta}_{1} = \frac{\sum (x_{1} - \bar{x})^{2}}{h - 1}$$

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$$E(\hat{\theta}_{1}) \neq \hat{\theta}^{2}$$

$$E(\hat{\theta}_{2}) = \hat{\theta}^{2}$$

$$E(\hat{\theta}_{3}) = \hat{\theta}^{2}$$

$$E(x) = \lambda \quad V(x\lambda) = G^{2} = E(x\lambda^{2}) - \lambda^{2}$$

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$$= \frac{1}{n} \left(\frac{x}{n} \right) = \left[-\frac{x}{n} \left(\frac{x}{n} \right) - \frac{x}{n} \right]$$

$$= \frac{1}{n} \left(\frac{x}{n} + \frac{x}{n} \right) - \frac{x}{n} = \frac{n}{n} G^{2}$$

$$= \frac{1}{n} \left(\frac{x}{n} - \frac{x}{n} \right)^{2}$$

$$= (a_1) = \left[\left(\frac{\frac{1}{2} \cdot (7i - 7)}{1 \cdot 1 \cdot 1} \right) \right]$$

$$= \frac{1}{n \cdot 1} \left(\frac{\frac{1}{2}}{1 \cdot 1} \cdot \frac{7i}{1 \cdot 1} - n \cdot \frac{7i}{1} \right)$$

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