$$w_{2}e(\theta^{3}) > w_{2}e(\theta^{1}) \Rightarrow \frac{2}{3} \Rightarrow \frac{2}{4} \Rightarrow \frac{2}{4}$$

$$w_{3}e(\theta^{3}) = Aax(\theta^{3}) = \frac{2}{4} \Rightarrow \frac{2}{4} \Rightarrow$$

נניח ש θ הם אומדים לפרמטר $\overline{\theta}_1,\overline{\theta}_2,\overline{\theta}_3$ נניח ש $E(\overline{\theta}_1)=E(\overline{\theta}_2)=\theta, E(\overline{\theta}_3)\neq \theta$ נתון $V(\overline{\theta}_1)=12, V(\overline{\theta}_2)=10, E(\overline{\theta}_3-\theta)^2=6$ השווה בין שלושת האומדים. איזה מהם עדיף ולמה!

$$mSe(\hat{\Theta}_{1}) = Var(\hat{\Theta}_{1}) = \Lambda a$$

$$mSe(\hat{\Theta}_{1}) = Var(\hat{\Theta}_{2}) = \Lambda a$$

$$mSe(\hat{\Theta}_{1}) = E(\hat{\Theta}_{1} - \hat{\Theta}_{2}) = C$$

$$mSe(\hat{\Theta}_{2}) = E(\hat{\Theta}_{2} - \hat{\Theta}_{2}) = C$$

$$mSe(\hat{\Theta}_{2}) = C$$

$$mSe(\hat{\Theta}_{2}) = C$$

$$mSe(\hat{\Theta}_{2}) = C$$

$$mSe(\hat{\Theta}_{2}) = C$$