$$\left\{ \begin{array}{c} -0.53 \\ 1.02 \end{array} \left[\text{} \right]_{\substack{-0.103 \\ -0.103}} + \begin{array}{c} 0.76 \\ 0.80 \end{array} \left[\text{} \right]_{\substack{0.135 \\ 0.135}} \right\}^2 = \begin{array}{c} 2 \times 10^{-2} \\ 1 \times 10^{-5} \end{array}$$

f)

$$4 \times \left\{ \begin{array}{c} -0.53 \\ 1.02 \end{array} \left[\text{} \right] \right\}^2 = \begin{array}{c} 1.12 \\ 4.16 \end{array}$$

g)

$$4 \times \left\{ \begin{array}{c} -0.53 \\ 1.02 \end{array} \left[\underset{1.0}{\text{}} + \underset{\substack{-0.010 \\ -0.011}}{\text{}} \right] + \begin{array}{c} 0.76 \\ 0.80 \end{array} \left[\underset{\substack{-0.211 \\ -0.333}}{\text{}} + \underset{\substack{0.014 \\ 0.015}}{\text{}} \right] \right\}^2 = \begin{array}{c} 1.82 \\ 2.27 \end{array}$$

h)

$$\frac{1}{10} \left\{ \begin{array}{c} 0.76 \\ 0.80 \end{array} \underset{-0.577}{\text{}} \right\}^2 = \begin{array}{c} 1.92 \times 10^{-2} \\ 2.13 \times 10^{-2} \end{array} e^2 b^3 \quad \begin{array}{c} (3.3\%) \\ (3.6\%) \end{array}$$

i)