$$S^2 = \frac{\sum\left(\left(\ln \mathrm{GMAV}\right)^2\right) - \frac{\left(\sum\left(\ln \mathrm{GMAV}\right)\right)^2}{4}}{\sum\left(\mathrm{P}\right) - \frac{\left(\sum\left(\sqrt{\mathrm{P}}\right)\right)^2}{4}}$$

$$L = \frac{\sum\left(\ln \mathrm{GMAV}\right) - S\left(\sum\left(\sqrt{\mathrm{P}}\right)\right)}{4}$$

$$A = S\left(\sqrt{0.05}\right) + L$$

$$\mathrm{FAV} = e^{A}$$