Unrealistically small errors have been reported by some experiments. We use simple “realistic” tests for the minimum errors on the determination of a mass and width from a sample of $N$ events:

$$\delta_{\text{min}}(m) = \frac{\Gamma}{\sqrt{N}}, \quad \delta_{\text{min}}(\Gamma) = 4 \frac{\Gamma}{\sqrt{N}}.$$  \hspace{1cm} (1)

We consistently increase unrealistic errors before averaging. For a detailed discussion, see the 1971 edition of this Note.