Summary: The model of *F. De Vylder* [ibid. 1, 35-40 (1982; Zbl 0504.62091)] has been slightly improved upon and generalized. In De Vylder's model one assumption does not seem to be realistic in many cases and another is not satisfactory from a theoretical point of view. The model presented here has been found to be a special case of the Bühlmann and Straub credibility model.

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