

Response to the referee on critical remarks.

All the suggestions of linguistic and style matter have been implemented in the text.

The main modifications are:

1. Definition 1 is now called Definition 2.
2. There is new Definition 1 (p. 4) which defines what Data Model is.
3. There are two references in the text (p. 1, line 2 from the bottom, and p. 2, line 10 from the top) to Definition 2, where the notion of *infomorphism* is used more formally.
4. *intensional* is changed by *intentional* (p. 2, line 19 from the top).
5. The reference for individual errors 1-2% and 5-10% (p. 8) is not added, because it was not published, but paragraph 2 in section 5 (p. 8) was split into two paragraphs and reorganized to better represent some features of the method.
6. The principle of *maximum confidence* ... is just a context name in the style of statisticians.
7. *A function placed between other two* is now written as *a function pointwise placed between other two* (p. 9, line 15 from the bottom).
8. At the end of subsection 5.1 (p. 12, line 2 after pictures) a new sentence is added, which is the reference to Definition 3 how to construct the Lipschitz uncertainty function (before on p. 11, lines 5-4 from the bottom, it was indicated that the metric used in the example is the standard Euclidean metric). The *explicit* formula for the Lipschitz uncertainty function will give nothing useful. It will be like that:
 $\max_{(m_1, m_2)}(\text{Euclidean_metric}(m_1, m_2))$, m_1, m_2 belong to the intersection of ten spheres in 5-dimensional Euclidean space (or in 3-dimensional Euclidean space, when 2 independent coordinates are cut off). This function depends on one parameter – the price, with respect to which it is being minimized to give the predicted price. This function is only used as an algorithm in the program. The expression for the intersection will be somewhat ugly. It is a function taken from geometry, it is not represented by arithmetic expression.

Thank you for all critical remarks,

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