

Uncertainty analysis

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In this workpackage different aspects have been evaluated which may lead to an uncertainty of the model estimate, i.e. a deviation of the estimate from the actual exposure value at a workplace. These sources of uncertainty include assumptions within the model algorithm, but also omitted influences or parameters. Sources of uncertainty can also be the model's input parameters, i.e. the way they are defined in the model but also their model inherent reflection, e.g. efficiency of a certain risk mitigation measure.

All identified sources of uncertainty have been categorised as far as possible according to transparency, knowledge base, input parameter quality and the effect they have on the exposure estimate (direction and magnitude of possible deviation). Results have been collected in an evaluation matrix and are compared and discussed in a qualitative way including their relation to other workpackages and the REACh process.