Marcus Hellwig

The Probabilistic SIR Model (PSIR) in the Pandemic Process

Project Management in Prevention and Support

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What You Can Take from This *essential*

- The SIR - Model is used as a Basis for a Probabilistic Model
- preventive, treatment and aftercare measures should be based on a Probabilistic Model

Foreword

According to all the insights experienced in the COVID process, one essential remains:

"The virus remains a constant companion"

In contrast to regularly occurring infection processes, a COVID infection takes a different course. This is characterized by a dynamic that deviates from conventional, well-known processes in that the originators of the processes change their identity. It is therefore necessary to take measures that make early action possible. Identifying the type of virus can help prevent a large proportion of illnesses. But all the necessities should be prepared for this. However, this also requires management of the "waves before the waves", which is considered in this paper using a probabilistic SIR model.

Edward Brown