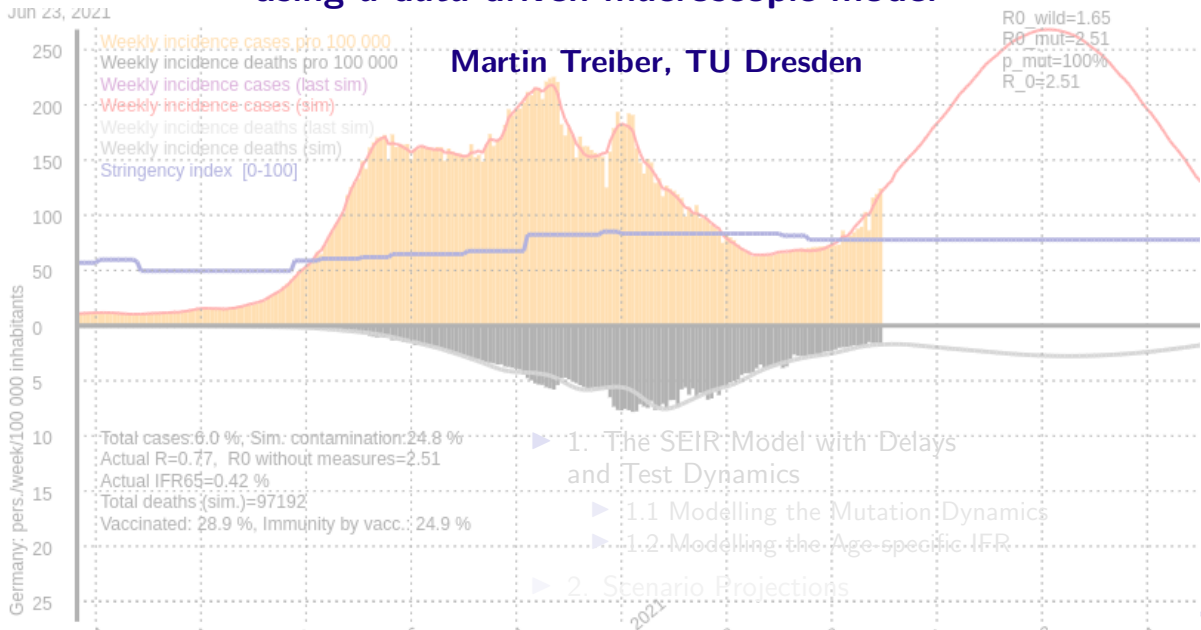


# Scenario projections of the Covid-19 pandemic using a data-driven macroscopic model

Martin Treiber, TU Dresden

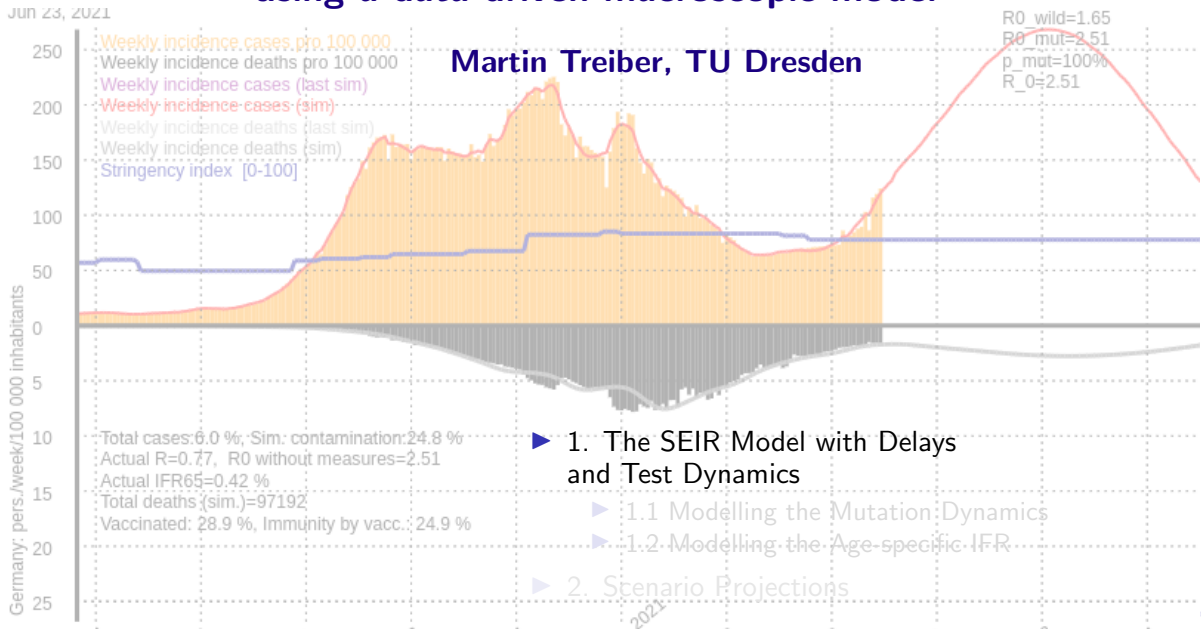
$R_0$  wild=1.65  
 $R_0$  mut=2.51  
 $p$  mut=100%  
 $R_0$ =2.51



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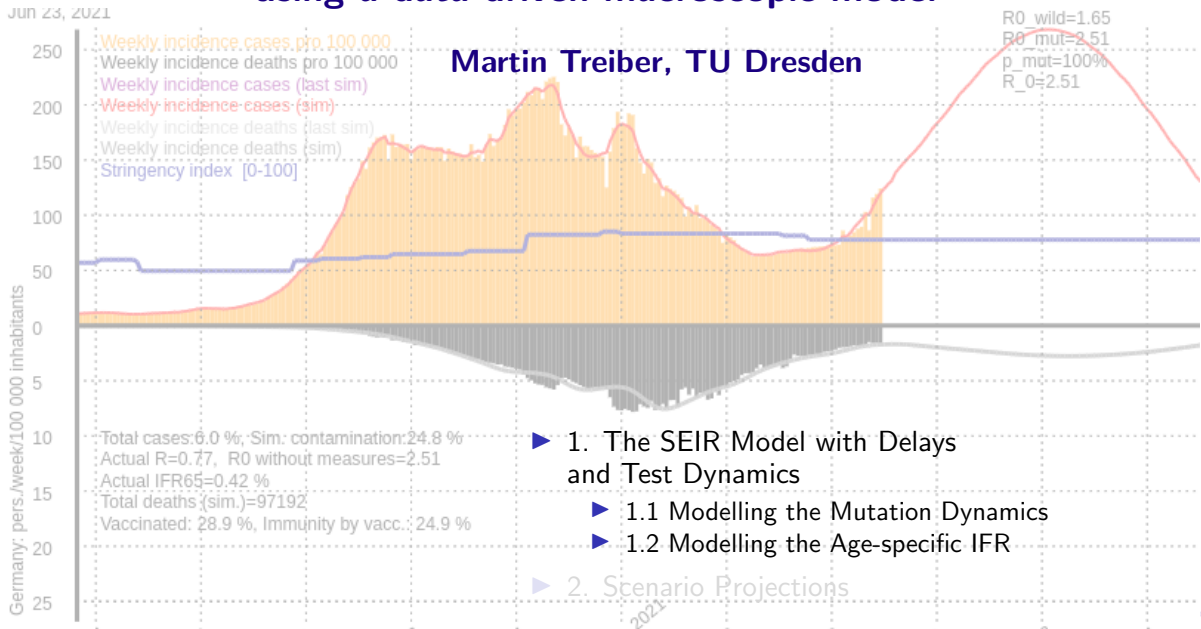


- ▶ 1. The SEIR Model with Delays and Test Dynamics
  - ▶ 1.1 Modelling the Mutation Dynamics
  - ▶ 1.2 Modelling the Age-specific IFR
- ▶ 2. Scenario Projections

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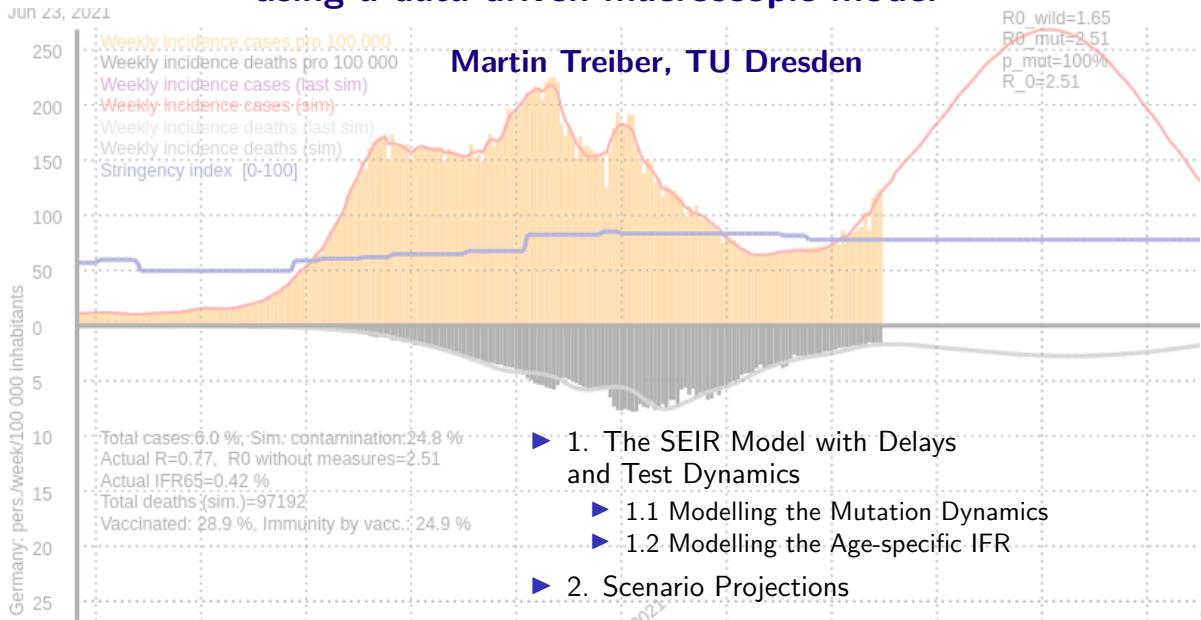


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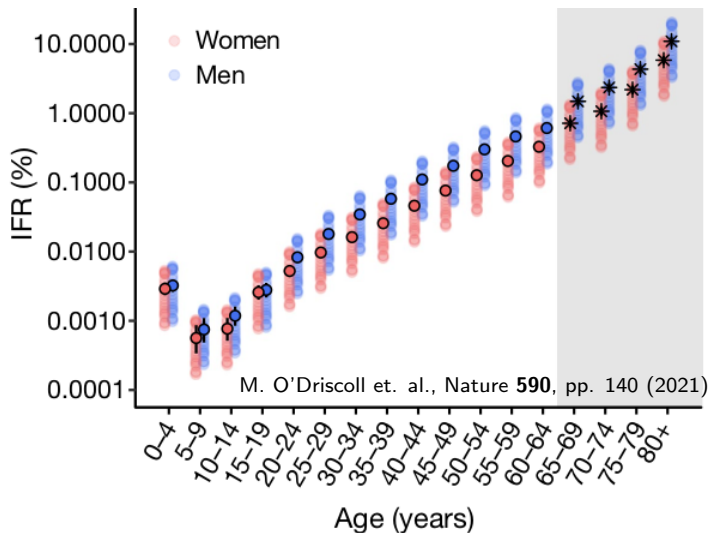
Martin Treiber, TU Dresden

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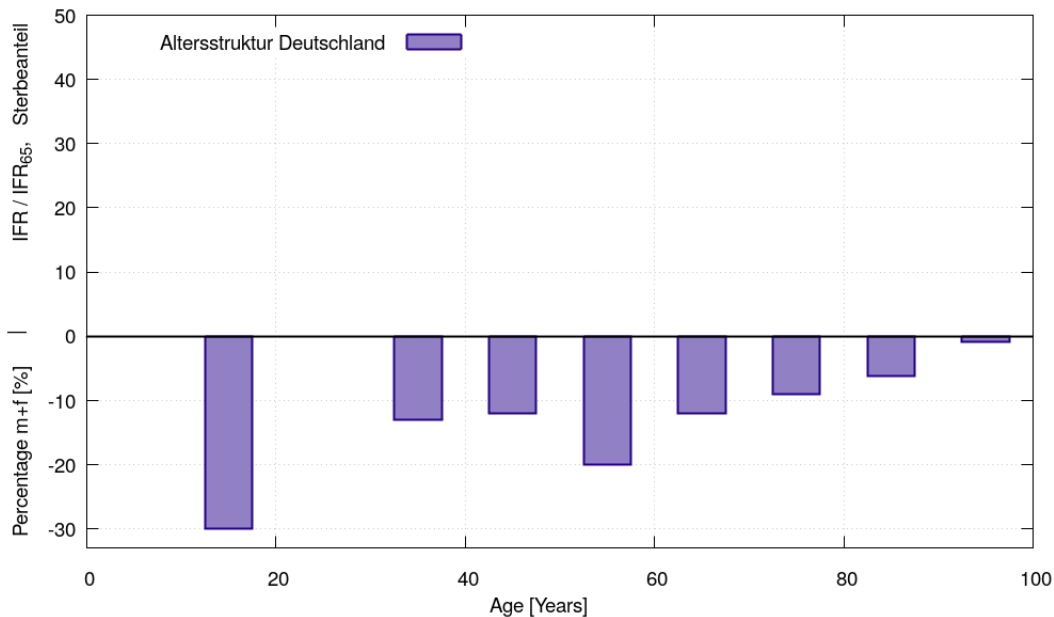


- ▶ 1. The SEIR Model with Delays and Test Dynamics
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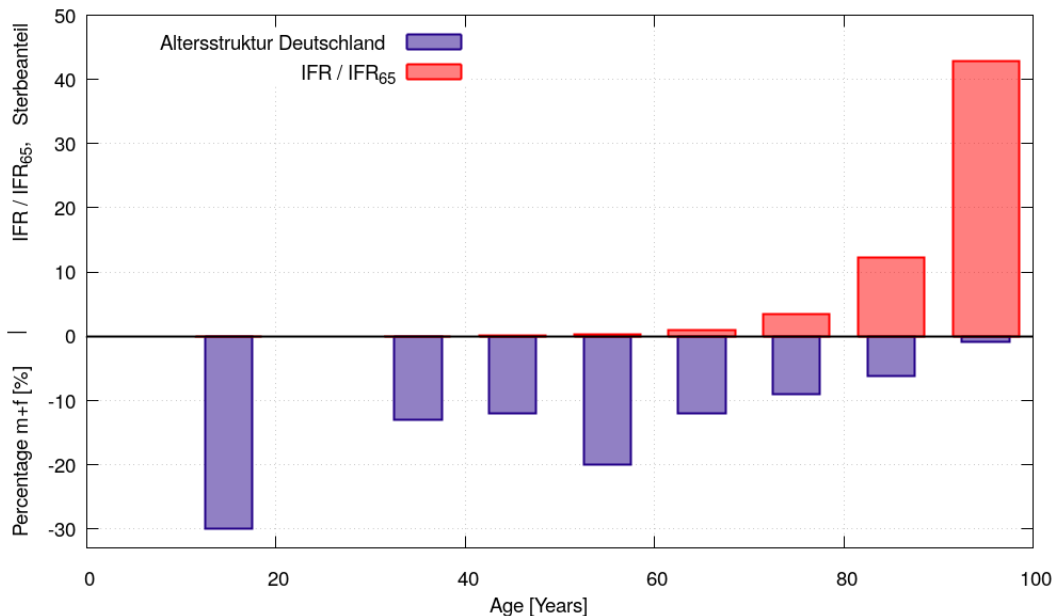
## 1.2 Modelling the Age-specific IFR



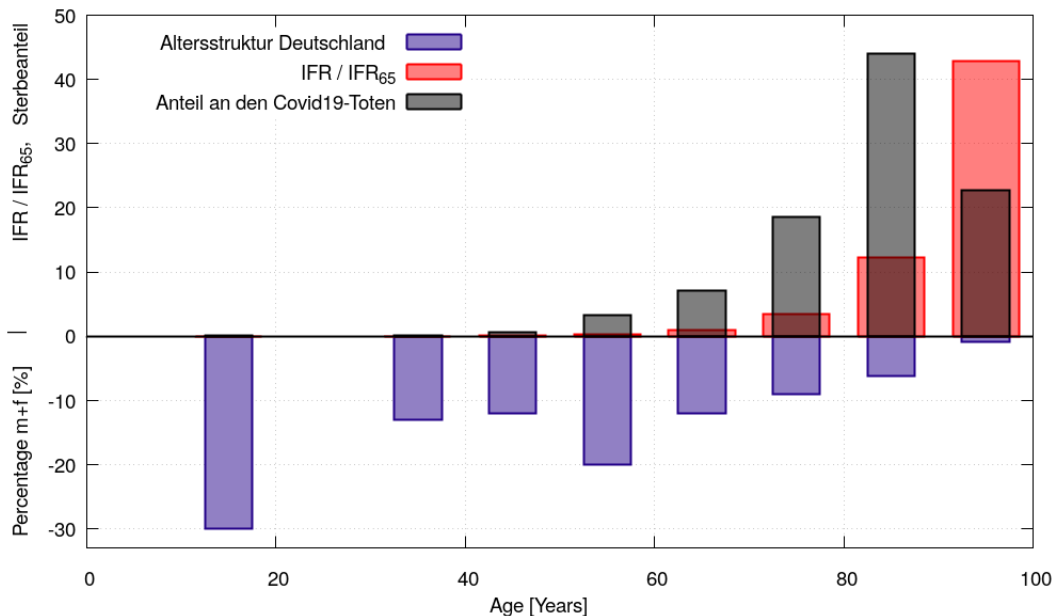
## Altersabhängigkeit



## Altersabhängigkeit

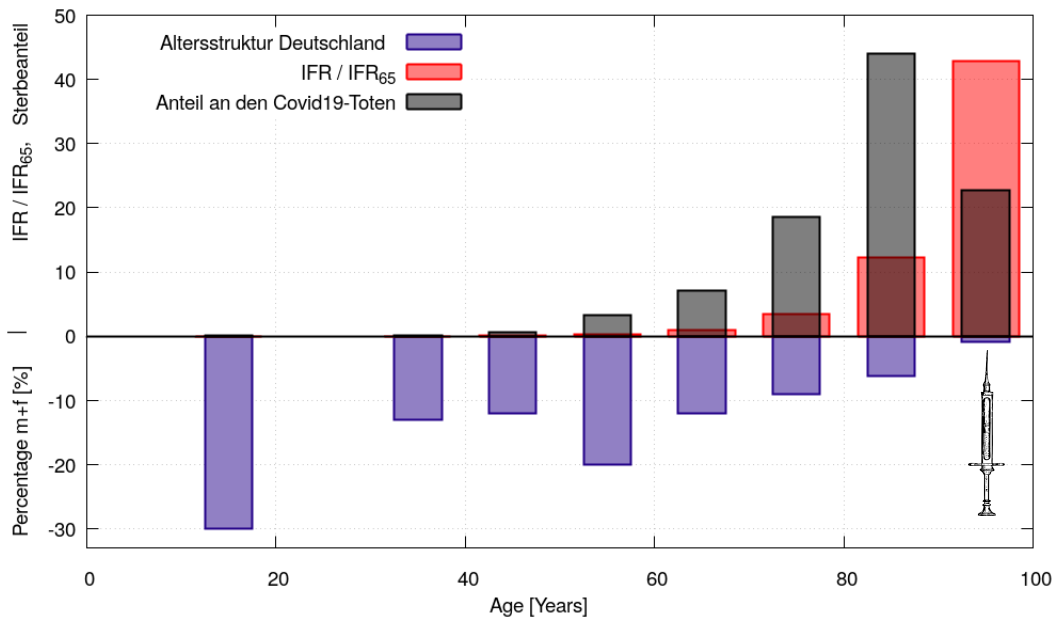


## Altersabhängigkeit

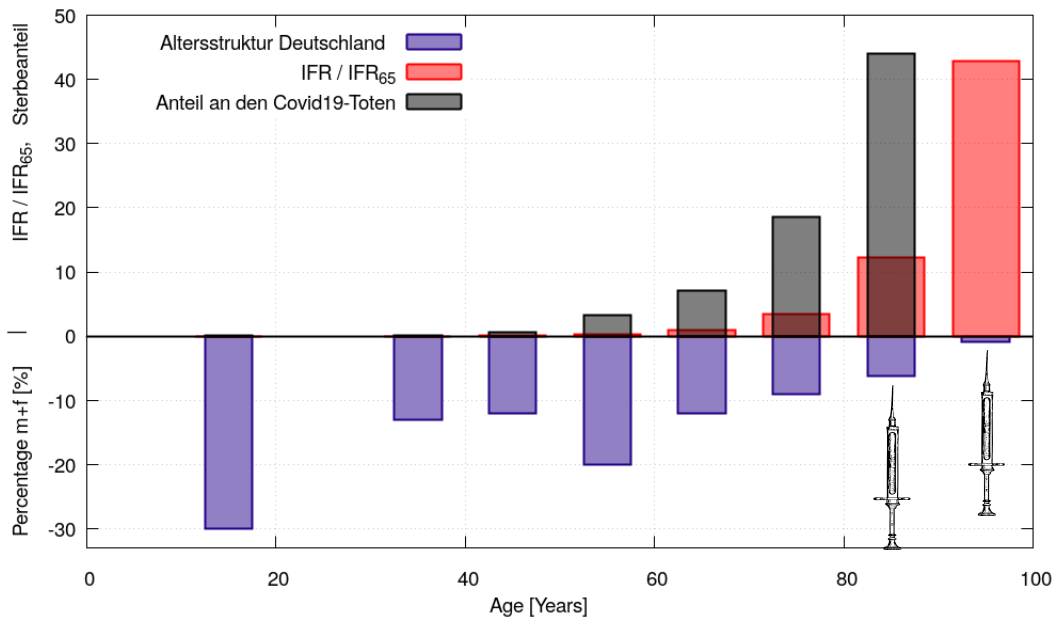




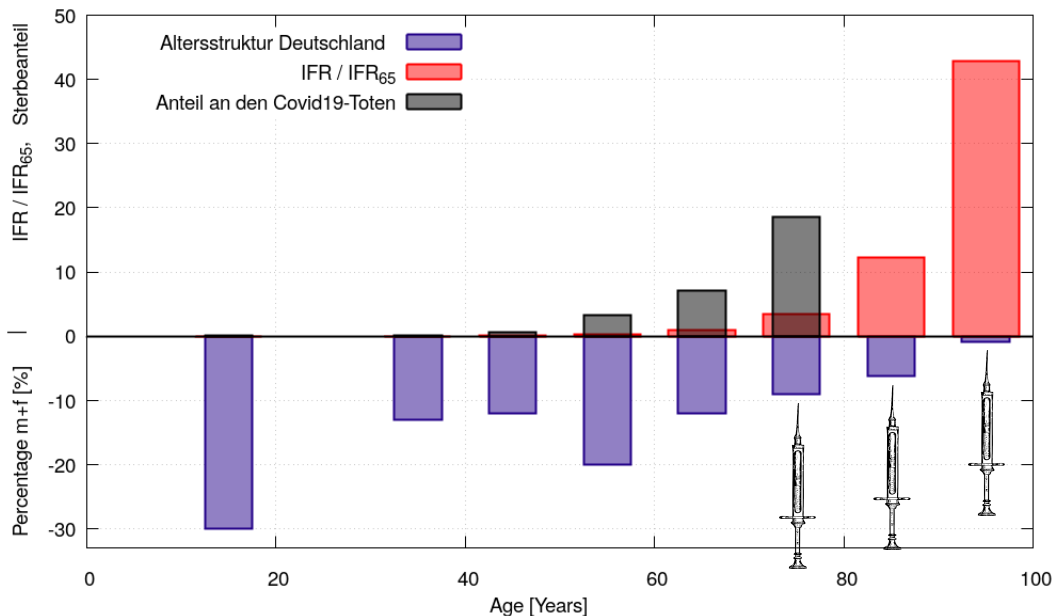
## Altersabhängigkeit



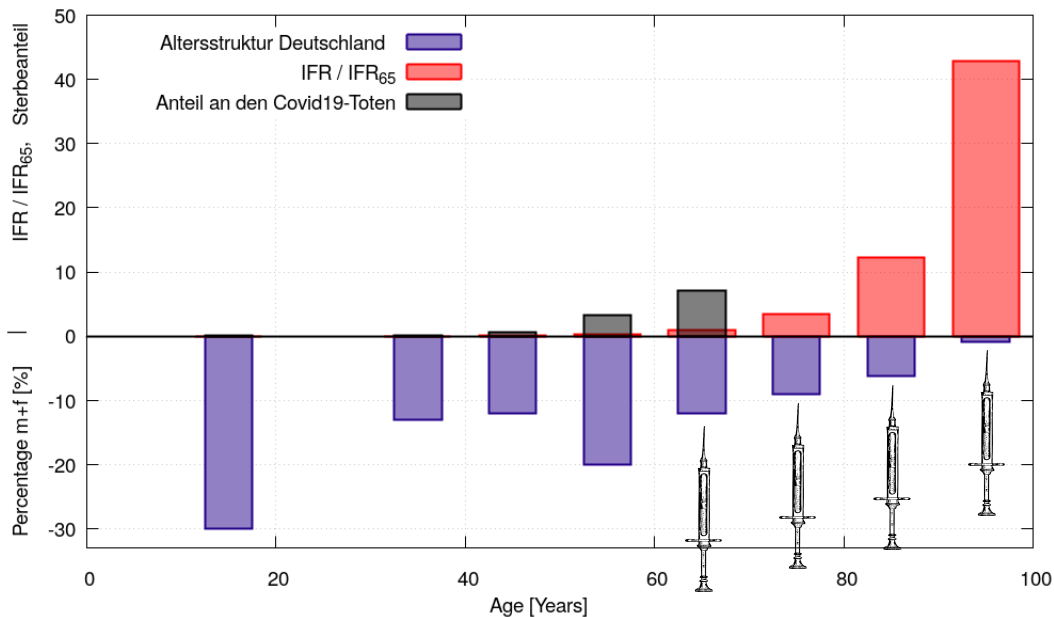
## Altersabhängigkeit



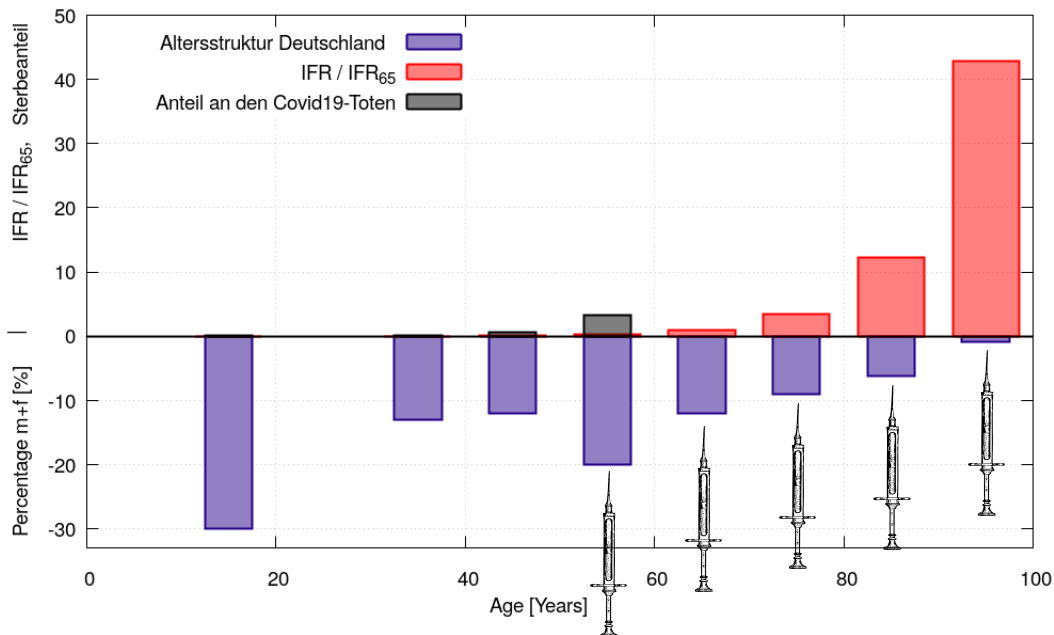
## Altersabhängigkeit



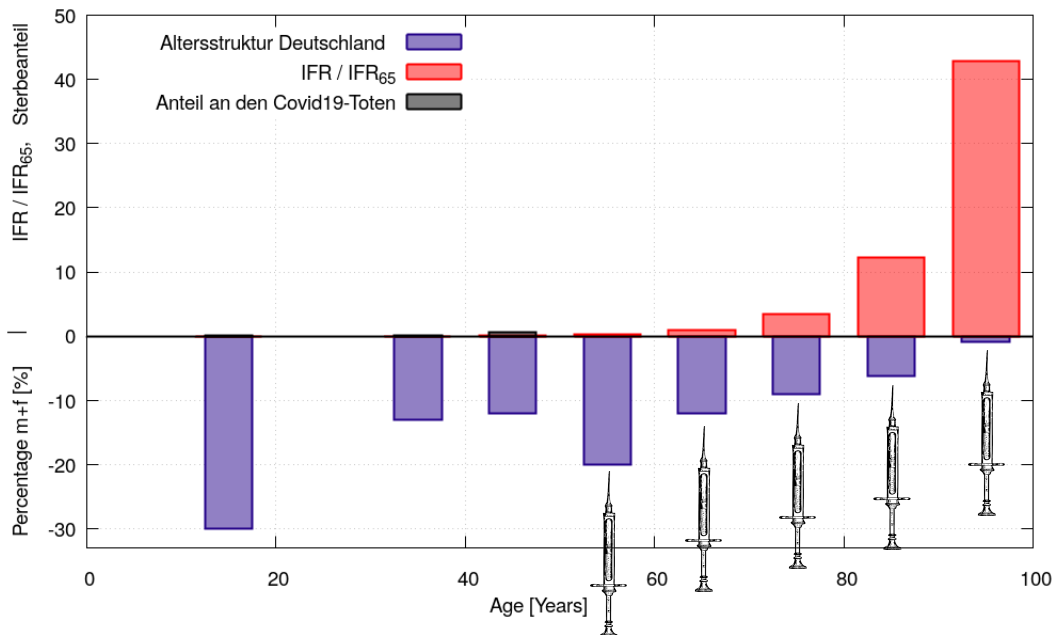
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