Modelling of COVID-19 epidemic and interventions in IPDCs

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Highlights

Modelling

- ▶ Age-structured compartmental models
- ▶ Deterministic and stochastic
- ▶ Parameters estimated specifically for IDPCs.
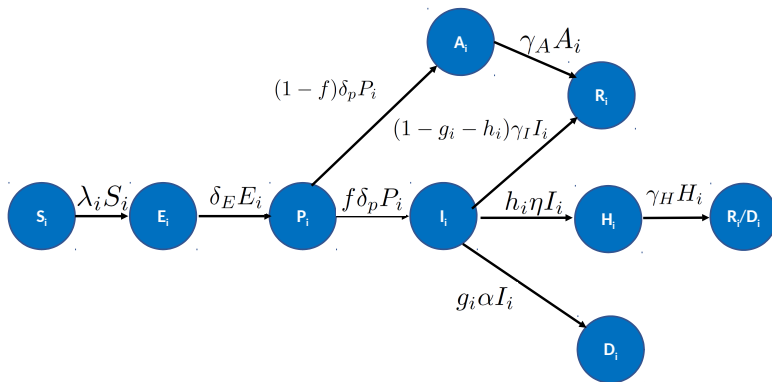
Strategies

- ▶ Self-distancing
- ▶ Shielding
- ▶ Isolation
- ▶ Combinations

Main conclusions

- ▶ Remark conclusion 1
- ▶ Remark conclusion 2

Model

Strategy 1: Self-distancing

Description

- Reduction of number of contacts between individuals
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Key-points

- Remark 1
- Remark 2
- Very simple measure.
- Relies on the individuals following the advice.

Strategy 1: Self-distancing

Insert figure here.

Strategy 2: Shielding

Description

- Shield the most vulnerable population in a separate area of the camps.
- Vulnerable population: elderly and people with comorbidities.
- A low number of carers and family members are also shielded.

Key-points

- Remark 1
- Remark 2
- Advantage
- Caveat

Strategy 2: Shielding

Insert figure here.

Strategy 3: Isolation

Description

- Isolation of infected individuals
- cha

Key-points

- Remark 1
- Remark 2
- We are assuming a quick response
- We are assuming perfect isolation

Strategy 3: Isolation

Insert figure here.

Combination of strategies

Conclusion