SWISS PUBLIC HEALTH CONFERENCE

Incorporating single-arm observational evidence in network meta-analysis: an assessment of the available methods

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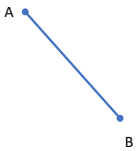
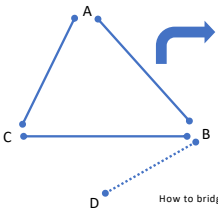
Background

Pairwise meta-analysis



Network meta-analysis



1. Randomised Controlled trials (RCTs)
2. Observational studies
3. Single-arm studies

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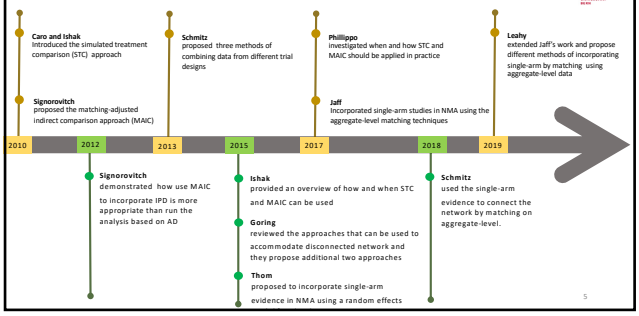
Literature review: incorporating single-arm in NMA



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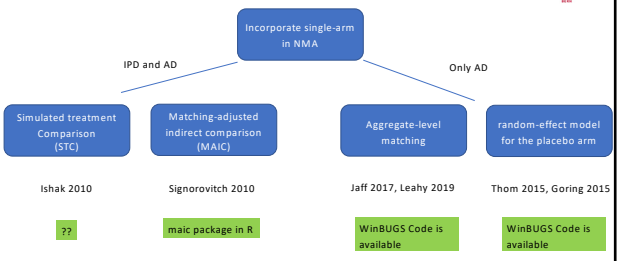
Methods to incorporate single-arm studies in NMA?



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Take home messages

- Incorporation of single-arm evidence is sometimes needed like when the network is disconnected
- choose the appropriate method
- acknowledge the potential bias

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