

## Meta-Analysis: Risk of Bias Assessment

- Risk of bias assessment with adapted Robins-I tool
- Tool originally designed for non-randomized cohort designs
- Six domains: bias in classification of interventions; bias as a result of confounding issues; bias because of preparatory phases; bias because of missing data; bias in measurement of the outcome; and bias in selection of reported results

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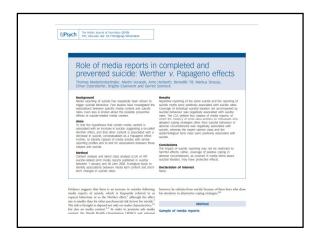
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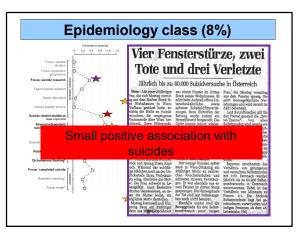
- Risk from confounding:
  - number of pre-intervention times not sufficient to allow characterisation of the series:
  - analysis techniques do not account for time trends and time patterns;
  - possible confounders not controlled for
- Suggested solution: Poisson regression with controls for underlying time trends and covariates

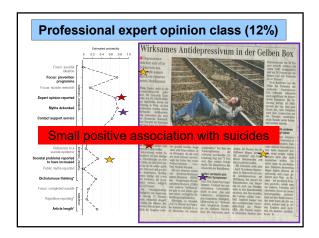


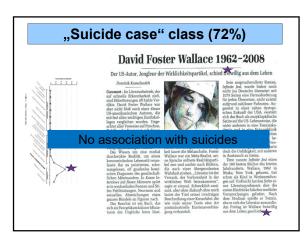
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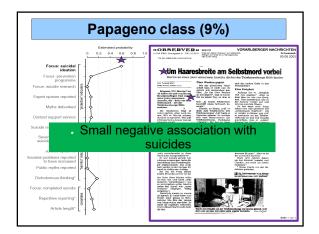
- Selective reporting was also potentially relevant for some studies:
  - Outcome measurement and analyses not clearly defined / consistent in the methods and results sections
  - Selective reporting from multiple analysis methods, multiple follow-up times, or multiple subgroups
- Pre-registration recommended



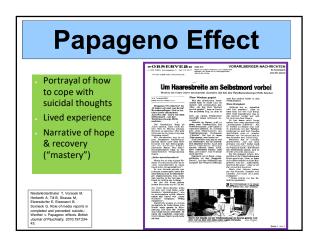








LATENT CLASS RESULTS	Epidemiolo gy class (12%)	Expert class (8%)	Mastery of crisis class (9%)	Suicide case class (72%)
Protective characteristics				
Prevention programme		+++		
Mastery of crisis			+++	
Suicide research & statistics	+++			
Expert opinion		+++		
Myths debunked		+++		
Contact information support		+++		
larmful characteristics				
Suicide epidemic	+++			
Several suicidal acts	+++			
Societal problems increase & cause suicide		+++		
Dichotomous thinking (sensationalism)	+++	+++		
Suicide myths (not debunked)	+++			





## **Defining Papageno stories**

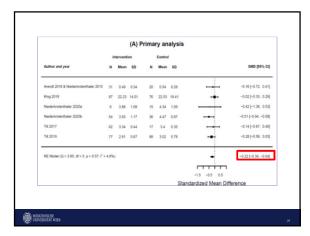
Inclusion and exclusion criteria related to story content (Niederkrotenthaler et al., 2022):

Media interventions included satisfied all the following criteria: · focus on suicidal ideation in the absence of near-fatal or fatal suicidal

- behaviours;
- feature a personal narrative of hope and recovery;
- primary interest in stories featuring hope and recovery from the perspective of an individual experiencing a suicidal crisis or ideation, but stories from other perspectives (eg, stories emphasizing recovery but featuring peers or professionals) were also included.

Studies were excluded if they did not feature a clearly positive story of hope and recovery.





#### Considerations about the definition of "Papagenoish" content

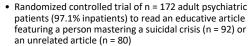
Since first description of the Papageno effect, many more stories of hope and recovery have been created and published in a wide variety of media

The definition of Papageno narratives needs some refinement and update to reflect the broad range of current narratives about "hope and recovery / mastery of crisis" ("Papagenoish narratives")

- What are the main ingredients (content characteristics) of different current "Papagenoish" stories?
- Do these narratives have a differential impact?
  E.g., Papageno narratives with and without method descriptions
- · Are there any differences across media types?

# **Effects of Papageno stories** among psychiatric inpatients

Effects of media stories featuring coping with suicidal crises on psychiatric patients: Randomized controlled trial



- Questionnaire data were collected before (T1) and after the reading (T2) as well as 1 week later (study end-point, T3).
- Primary outcome: suicidal ideation; secondary outcomes: help-seeking intentions, stigmatization (normalizing attitudes to suicide).
- Differences between patients with affective (F30-39) versus other diagnoses were explored with interaction

Niederkrotenthaler T, Baumgartner J, Kautzky A, Fellinger M, Jahn R, Wippel A, Koch M, König-Castillo D, Hölfüch A, Slamanig R, Toptiz A, Wancata J, Till B (2021). Effects of media stories featuring coping with sucidad crises on psychiatric patients: Randomized controlled thal. European Psychiatry, 64(1), e70, 1–5 https://doi.org/10.1192/j.eurpsy.2021.2244

## Die Bewältigung einer suizidalen Krise

Martina ist eine jener anonymen Anruferinnen, die bei der Telefonseel den. Im Interview spricht sie über die Bewältigung von suizidalen Kriser

NON-INCREASEAST

The Tayene (10%) Martines in a besubstituted and you Beard Bandsuperation. Used in a size of the size of

as war also eine neuer Le-bensabschmitt für Dich, was ei-nem natürlich nicht immer leicht fällt. Was genau ist passiert? M: Ich

TK: Wie bist Du mit dieser Si-tuation umgegangen?

Coping with a suicidal crisis Martina is an anonymous caller who got help from the



- Patients with affective disorders (n = 99) experienced a small-sized reduction of suicidal ideation at 1-week follow up, and a reduction in normalizing attitudes to suicide
- Patients with nonaffective diagnoses (n = 73) experienced a small-sized increase in suicidal ideation not sustained at 1-week follow-up
- Intervention group participants further experienced a short-term increase of help-seeking intentions
- Patients with affective disorders appear to benefit from media materials featuring mastery of a suicidal crises
- More research is needed to better understand which patient groups are at possible risk of unintended effects

Niederkrotenthaler T, Baumgartner J, Kautzky A, Fellinger M, Jahn R, Wippel A, Koch M, König-Castillo D, Höflich A, Slamanig R, Topitz A, Wancata J, Till B (2021). Effects of media stories featuring coping with suicidal crises on psychatiric patients: Randomized controlled trial. European Psychiatry, 64(1), e70, 1–5 https://doi.org/10.1192/j.eurpsy.2021.2244

• Increase in help-seeking intentions might help bridge gaps in treatment after discharge

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#### Limitations

- Covid-19 lockdown in March 2020 interrupted recruitment and resulted in smaller sample size than planned
- Sample size was too small to investigate differences between specific diagnoses
- Unclear if any affective diagnosis was the primary diagnosis





