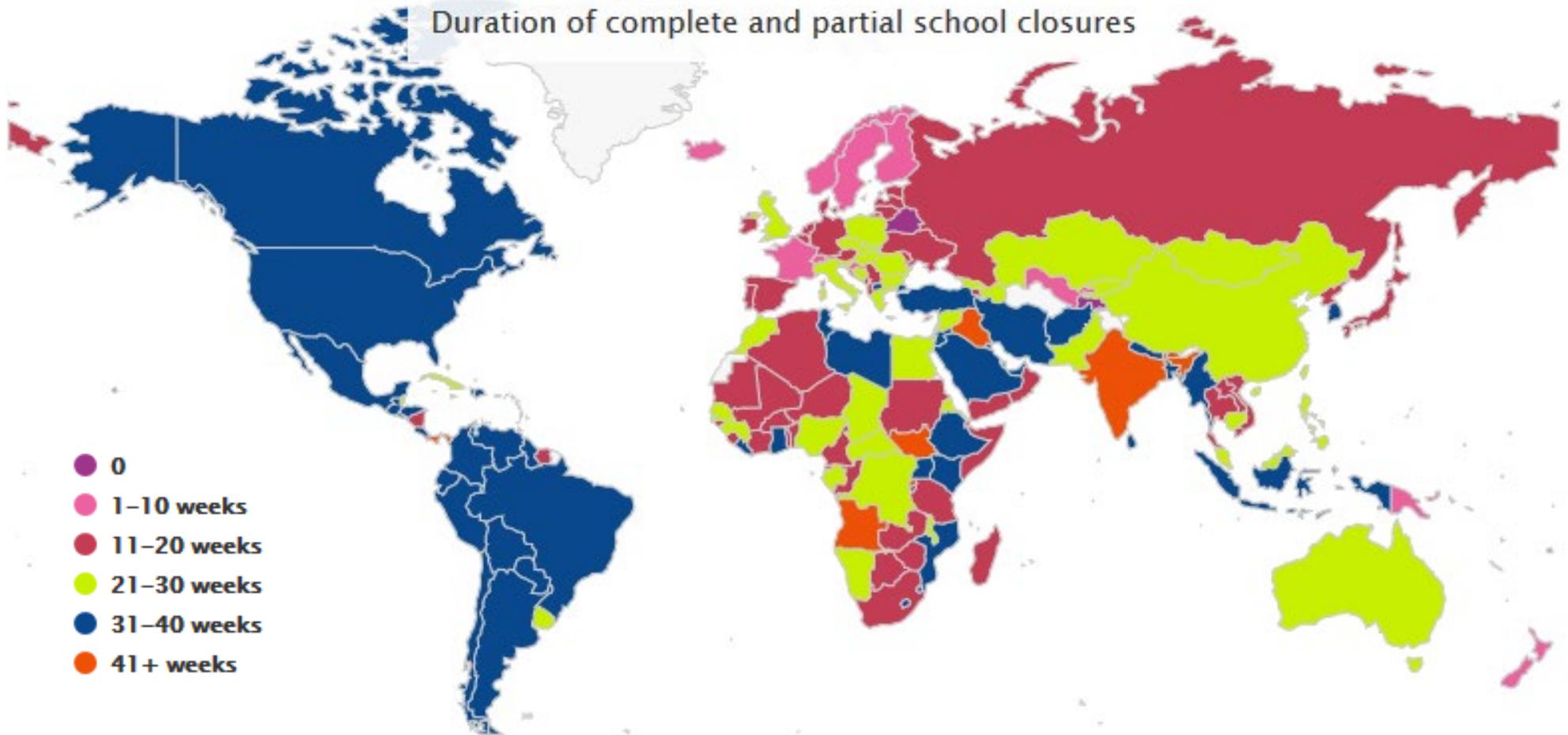


# **Folgen von Schulschliessungen: ein Blick in die internationale Literatur**

**Prof. Dr. med. Julia Dratva**

# Seit Beginn der Pandemie waren weltweit Schulen während 3.5 Monaten (14 Wochen) komplett geschlossen

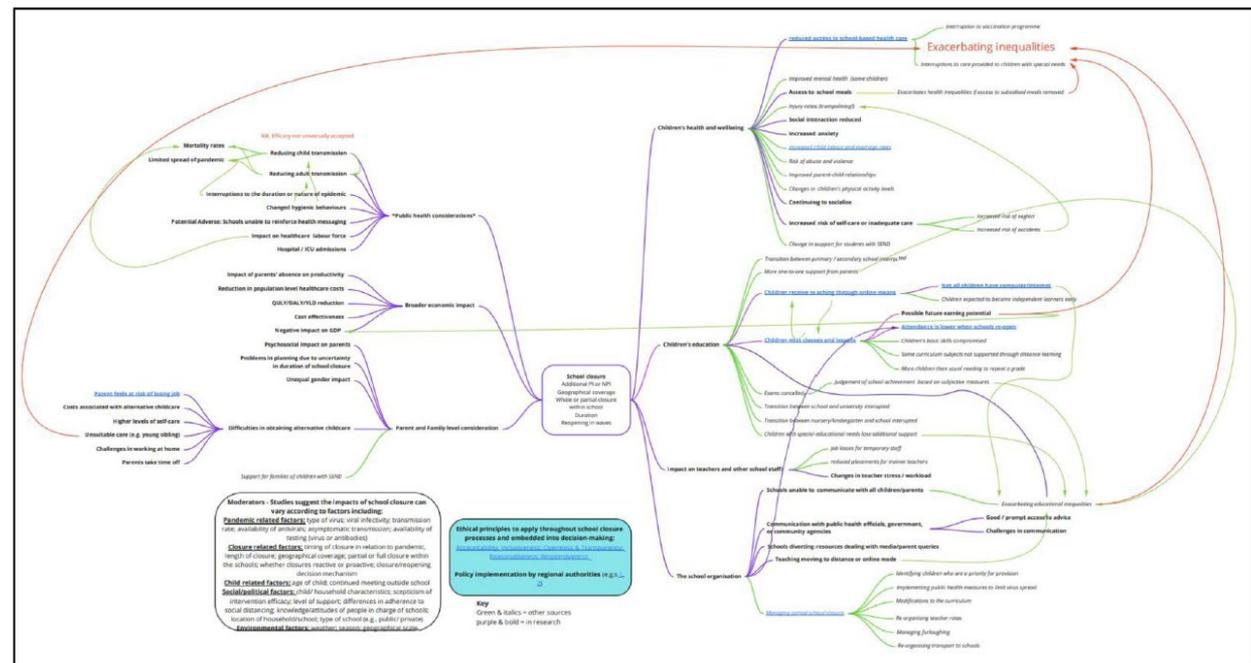


# Impact of school closures – a literature based logic model

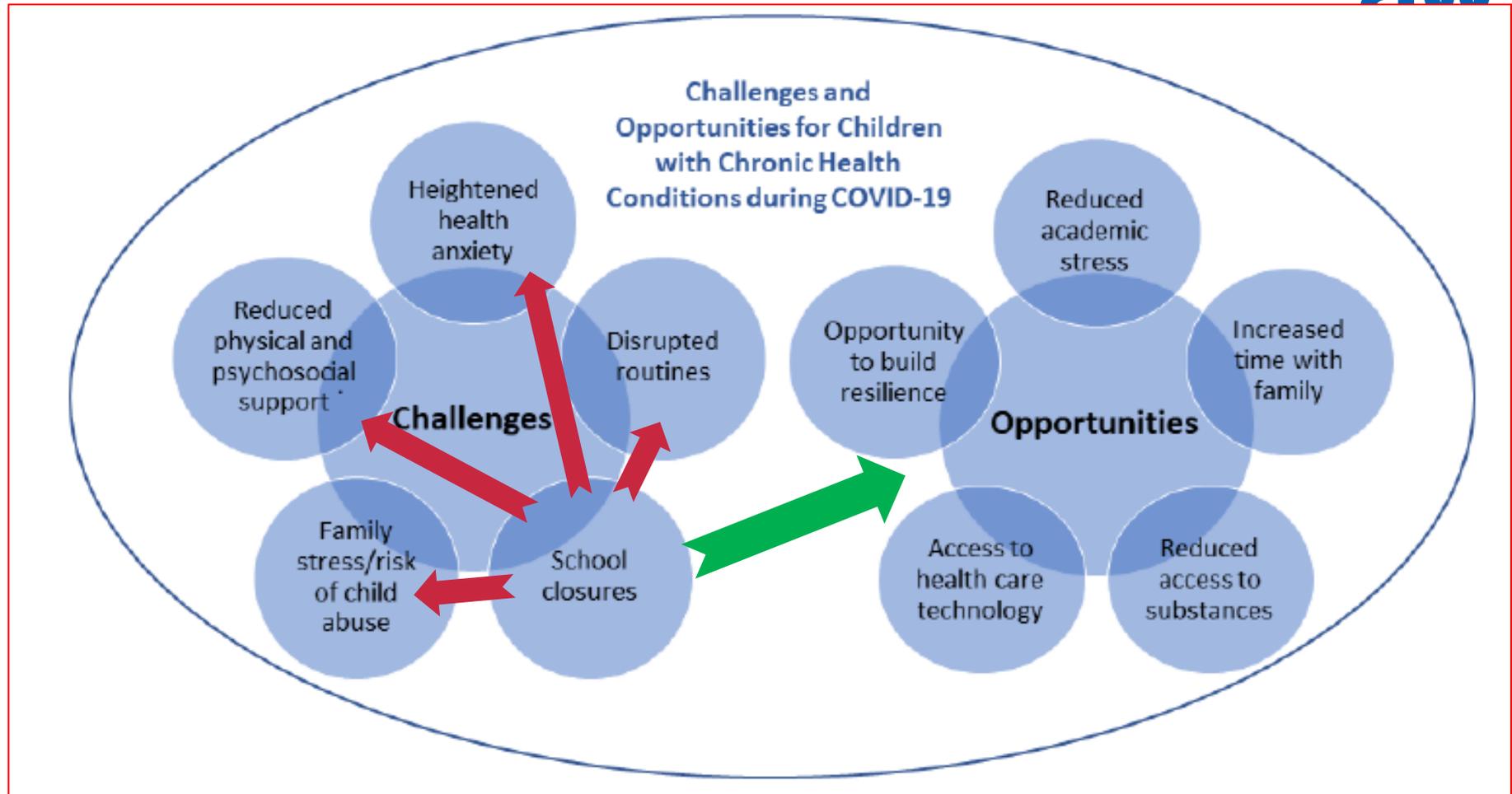
## Literatur: Ungleichgewicht hinsichtlich Themen

### Themenfelder

- Gesundheit/Wohlergehen
- Eltern/Familie
- Ökonomie
- Bildung
- LehrerInnen/ Schule
- Public Health/  
Transmission



# Challenges and opportunities



Adaptiert nach Serlachius et al. 2020 JMIR Pediatrics and Parenting

## Was wir inzwischen zu COVID 19 und school closure impact?

Systematische Suche\* (Pubmed, Psychinfo, Embase)  
zu Folgen der **Containment Policies** auf Kindern und  
Adoleszenten Jan – Sept 2020

**Suchergebnis => 1749 => 300 => 75**

WHO Lit.Datenbank am 10.01.2020 nach “**school closure**”

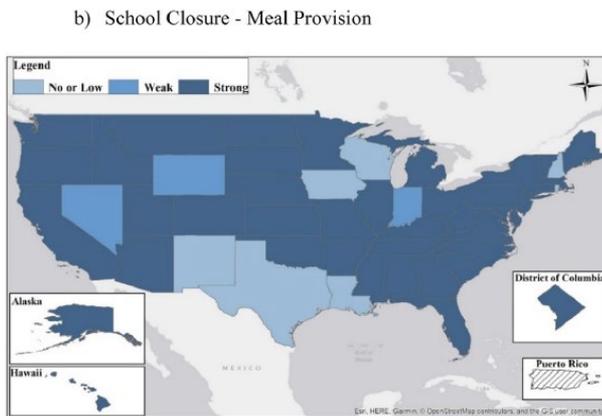
<https://search.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/>

**Suchergebnis => 108 => 34**

\*in Zusammenarbeit mit EUPHA CAPH section

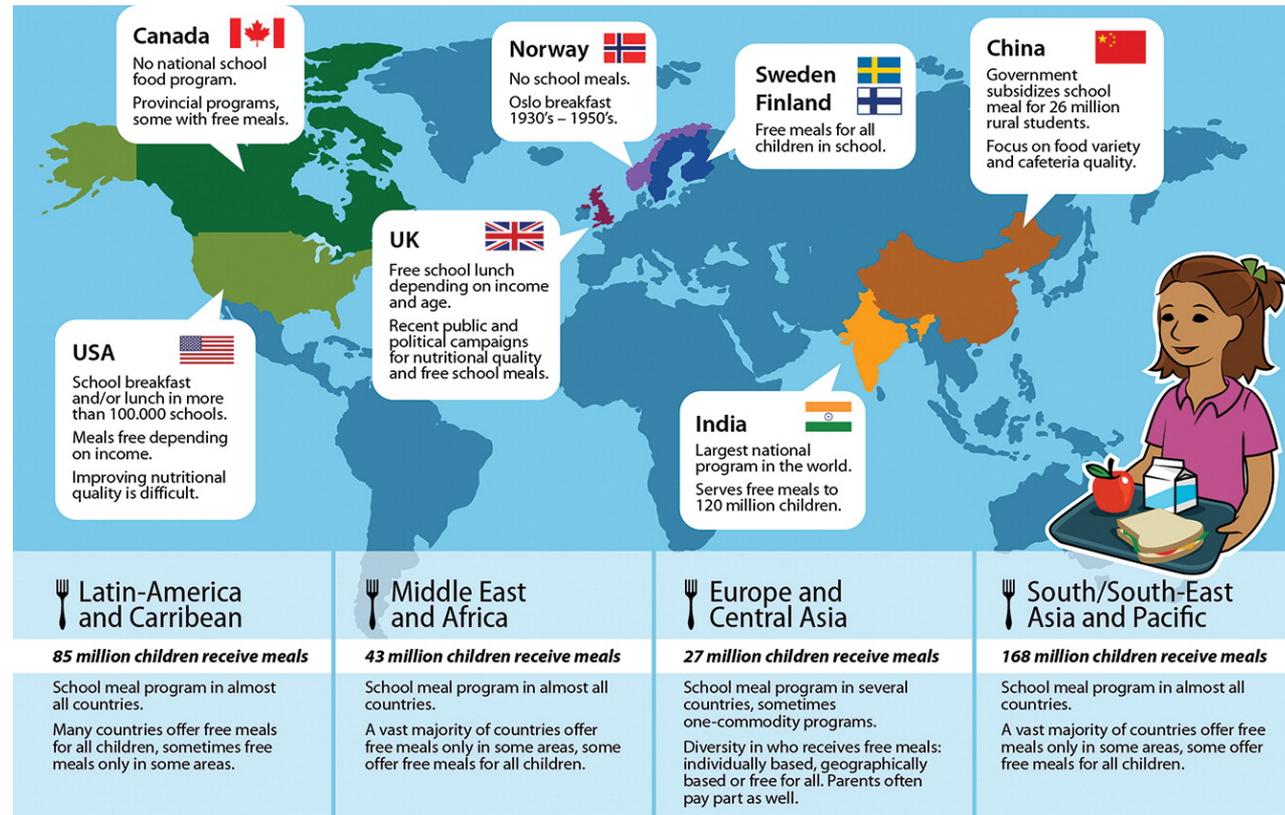
# Ernährung/Essverhalten

**Food insecurity:** Viele Kinder sind auf eine (kostenlose) Schulmahlzeit angewiesen.



McLoughlin et al. USA

DeCarvalho et al 2020, Brasilien,

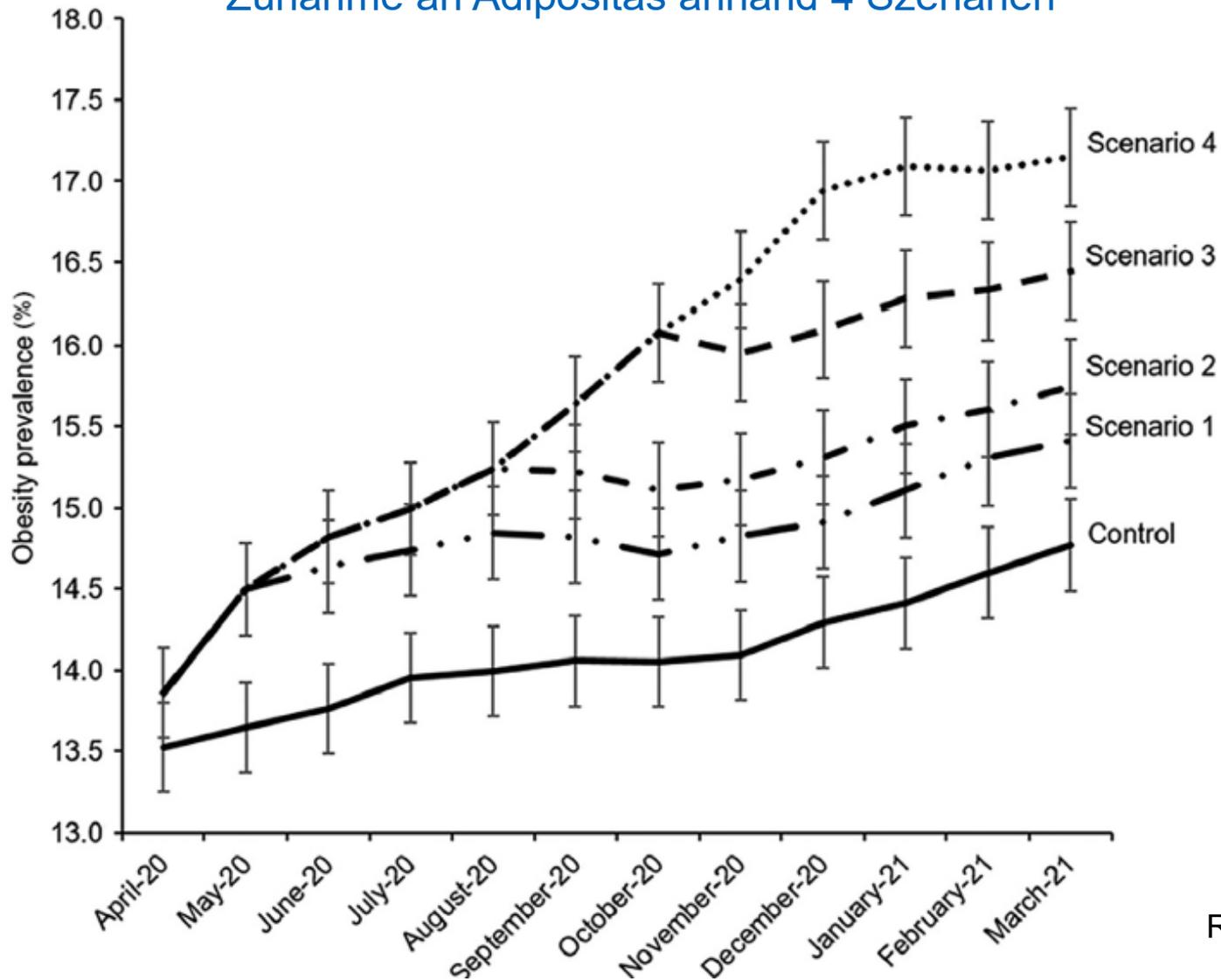


Oostindjer et al. 2017

# Übergewicht Ruopeng An, SA (Simulation)



## Zunahme an Adipositas anhand 4 Szenarien



no school closure  
Nov. - Dec. 2020

no school closure  
Sept – Oct. 2020

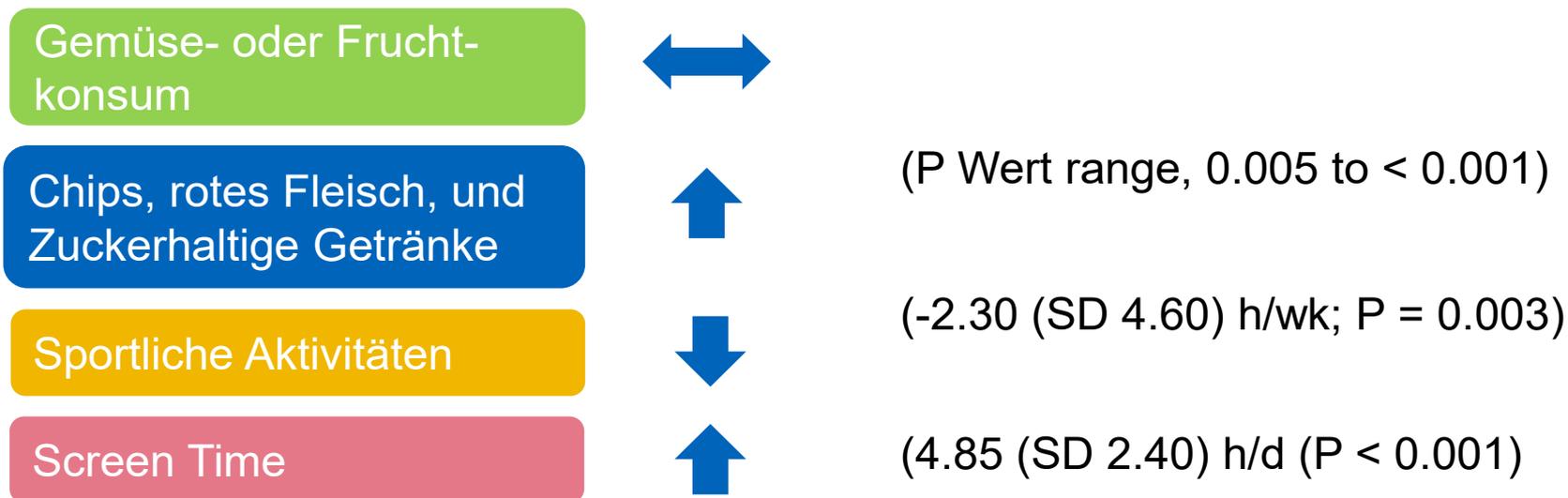
0% lower physical activity  
June - August

no school closure  
April – May 2020

# Übergewicht

Bereits Studien, die Veränderung Essverhalten und Gewicht belegen.

**Pietrobelli et al.** 2020 Italien (longitudinale Studie, 41 Kinder mit Adipositas):



**Kang et al.** 2020 Korea (longitudinale Studie, 4 -14 ,N=226, objektive Daten)  
signifikante Zunahme **BMI z-score** (0.22)

# Schlaf

Kinder schlafen im Lockdown/Schulschliessungen mehr

**Lim et al., 2020**

Singapore:

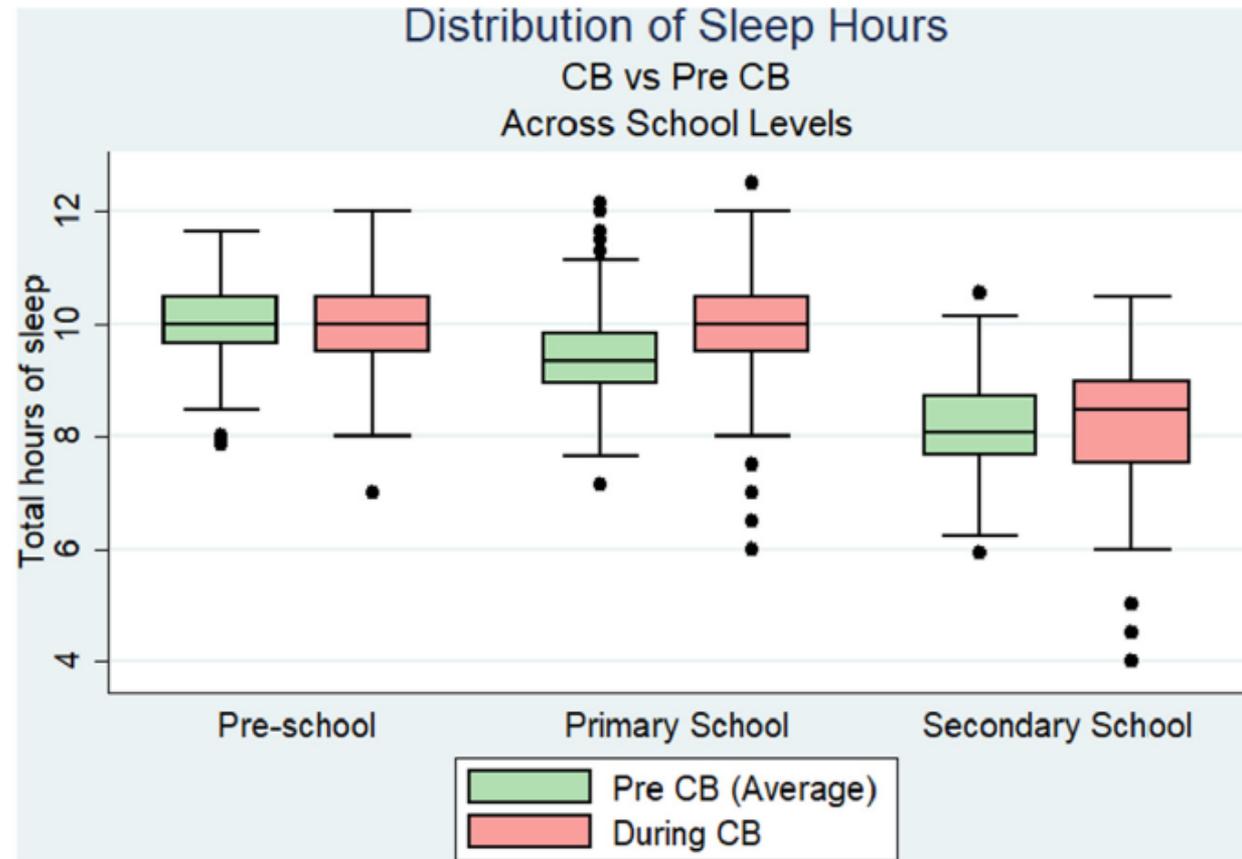
Fixer Schulstart

keinen Einfluss auf  
Schlafzunahme

**Pietrobelli et al,**

Italien:

Schlafzeit nahm um  
39 Min/Tag. (SD 77  
Min.,  $P = 0.003$ ).



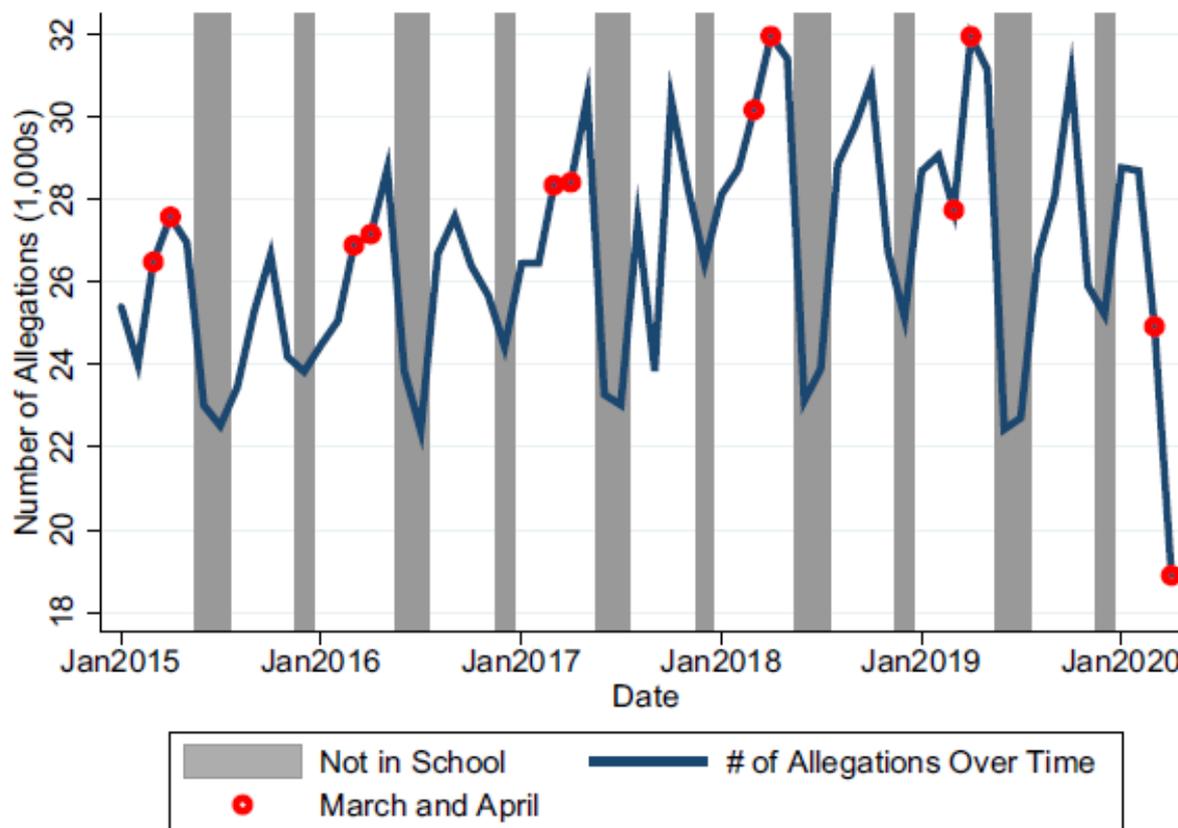
# Mishandlung – “Suffering in Silence”

Baron et al. USA 2020

Garstang et al. UK 2020

Piquero et al. Dallas, USA 2020

Dapiq et al. Kroatien, 2020





# Chancen

## **Weniger epileptische Anfälle**

“Also, school closure could have reduced sleep deprivation, a risk factor for seizures.” (Davico et al EurJEpilepsy 2020)

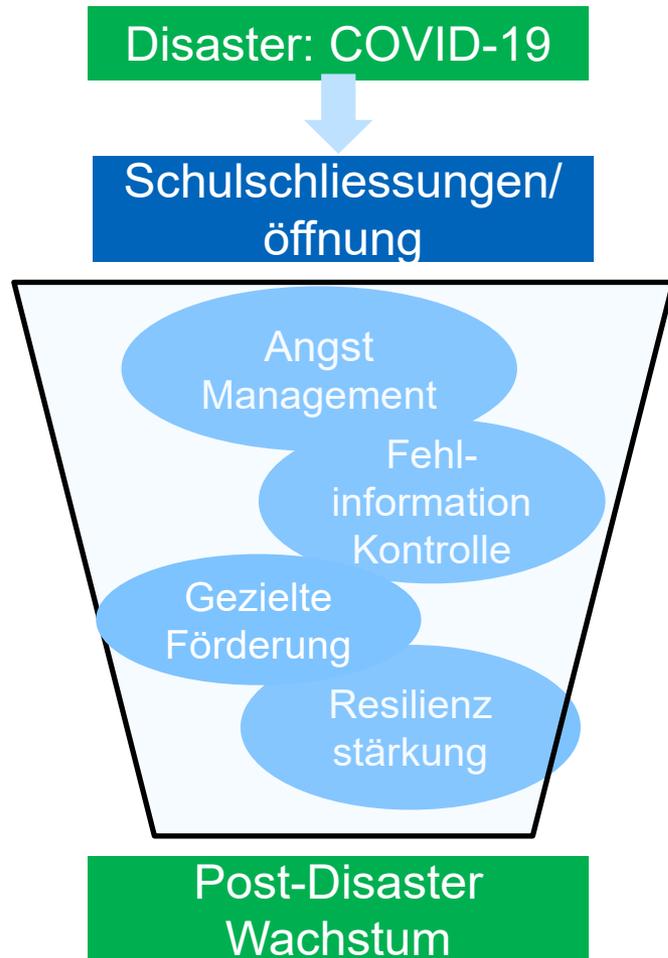
## **Stabilere Blutzuckerwerte**

“Our observational real-life study confirms the positive effect of parental care in T1D very young children and demonstrates that during the COVID-19 pandemic it was possible to obtain a good glycometabolic compensation despite the significant change in Lifestyle” (Schiaffini et al. 2020 Italien)

## **Positive Effekte auf Wohlergehen**

“According to their parents, most children and adolescents with ADHD experience stability or improvement of their well-being,” due to “an improvement in school-related anxiety”, “flexible adjustment to the children’s’ rhythms”, increased self-esteem”, as well as parents’ increased awareness of the difficulties their children experience” (Bobo et al. 2020 Frankreich)

# Rolle des Bildungssystems? Rolle des Staates?



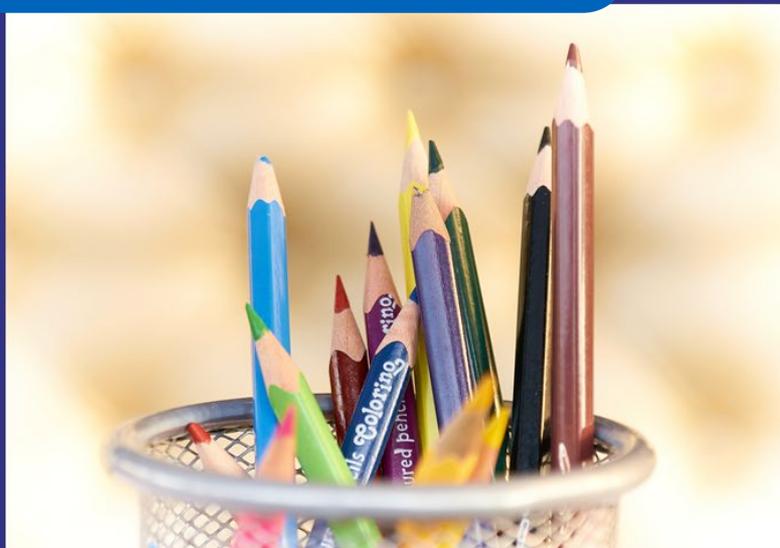
Young minds report 2021 UK:

1. **Make wellbeing is a priority in school catch-up planning**
2. **Cautious approach to measures that could introduce additional pressure**
3. **Address the inconsistent mental health support available**
4. **Ensure economic survival of *locations&programs* that provide vital early mental health support.**
5. **Make sure that all young people know where and how to find support.**

Adaptiert nach Bahn et al. 2020

<https://youngminds.org.uk/about-us/reports/coronavirus-impact-on-young-people-with-mental-health-needs/#covid-19-january-2021-survey>

Vielen Dank für Ihre  
Aufmerksamkeit



Second survey  
on the safe  
reopening of  
schools

How does COVID-19  
impact school reopening  
in your country?



**Nehmen Sie teil an der UNESCO Befragung:**

**[https://bit.ly/survey\\_reopening\\_schools](https://bit.ly/survey_reopening_schools)**