

The Impact of Pandemic Restrictions on Offline and Online Grocery Shopping Behavior - New **Normal or Old Habits?**

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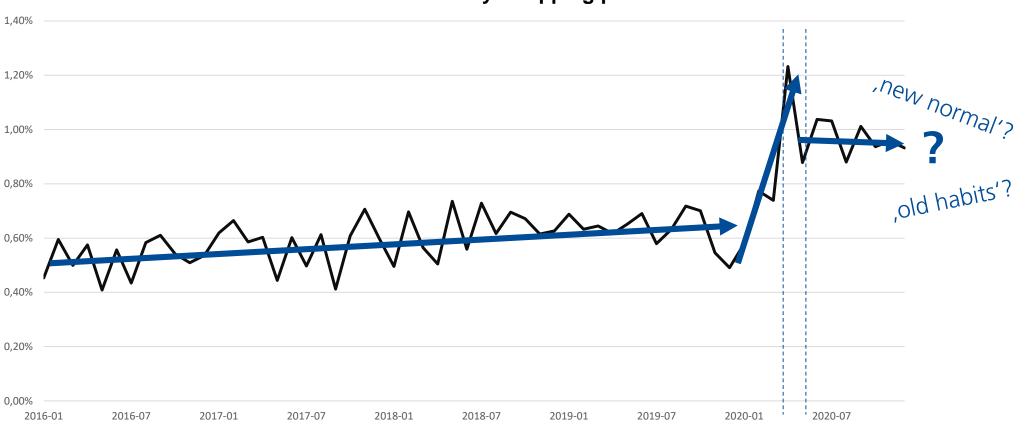
Digital Marketing & eCommerce Conference BCN

Barcelona, 30th June 2022



1. Introduction

Share of Online Grocery Shopping per Month



Source: GfK household panel data (2016-2020; product groups: chocolate, laundry detergent, shampoo, coffee)

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2. Theoretical Background and Research Gap

online grocery shopping (OGS) **before** the pandemic

• slow and steady increase in OGS over the last few years (before the pandemic) (Mortimer et al. 2016; Driediger and Bhatiasevi 2019; Alaimo et al. 2020)

OGS **since** the pandemic

- pandemic changed the world of retailing (Roggeveen und Sethuraman 2020)
 - huge challenges (restrictions, lockdowns, decline in sales and even insolvencies)
 (DW 2021a, 2021b; pwc 2022)
 - new opportunities to gain competitive advantage (new business models, increasing rise of OGS)
 (McKinsey & Company 2022)
- increase in the use of OGS during the pandemic (Bauerová and Zapletalová 2020; Grashuis et al. 2020; Li et al. 2020; Pantano et al. 2020; Al-Hawari et al. 2021; Baarsma and Groenewegen 2021; Chang and Meyerhoefer 2021; Ellison et al. 2021; Guthrie et al. 2021; Habib and Hamadneh 2021; Jensen et al. 2021)

→ no research on online and offline purchase patterns before, during and after pandemic restrictions

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3. Research Question



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4. Data

Dataset:

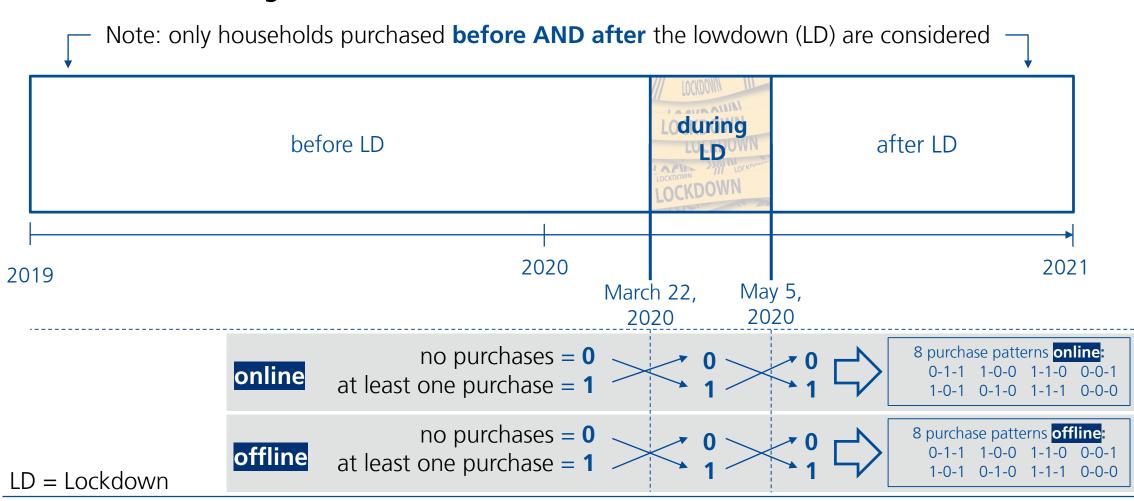
- GfK household panel data from 2019-2020
- purchases from about 30,000 households
- both online and offline purchases
- four product groups: chocolate, laundry detergent, shampoo, coffee



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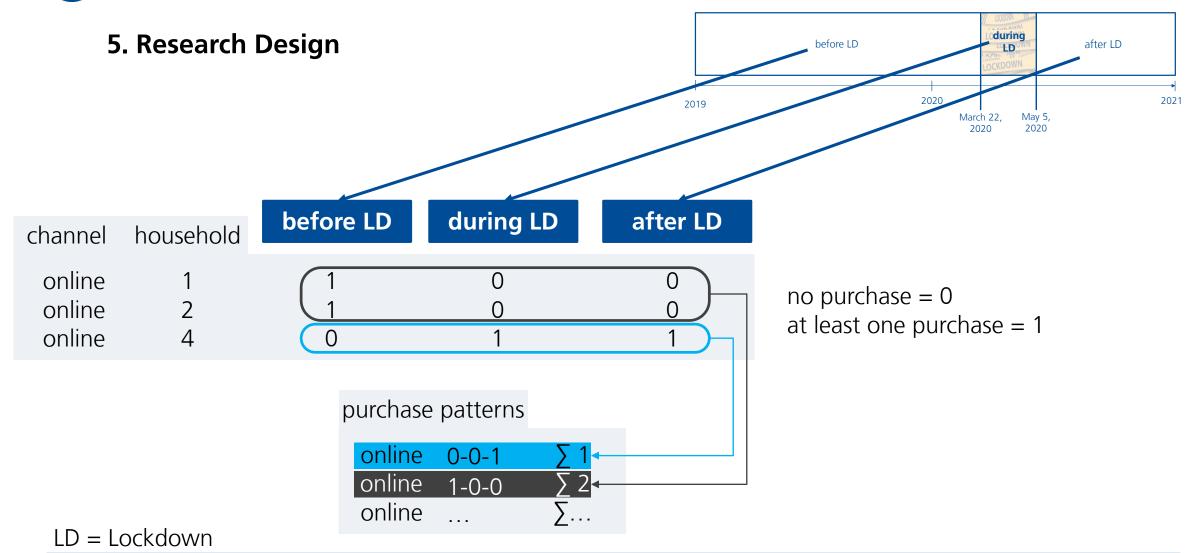


5. Research Design



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7. Implications

- > nearly all households purchased after the lockdown offline (again)
- customers are still reachable for retail in their own stores
- > online purchase patterns are much more divergent → high fluctuation in OGS

> potential for the future is big: 93% of households purchase offline-only over the entire period



7. Implications

,new normal' or ,old habits'?

- offline: nearly all consumers returned to their ,old habits': buying offline (again)
- online: some consumers are returning to 'old habits', while others are diving into a 'new normal'



comments, proposals or Ideas for Collaboration?



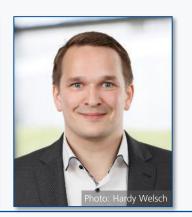
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