

Small Business Economics

Look in to Look out: Strategy and Family Business Identity during Covid-19

--Manuscript Draft--

Manuscript Number:	SBEJ-D-22-00835R3
Full Title:	Look in to Look out: Strategy and Family Business Identity during Covid-19
Article Type:	Original Research
Keywords:	Family business identity, Covid-19, strategy, exogenous shock, multiple case study, Mittelstand
Corresponding Author:	Alfredo De Massis, Ph.D. Free University of Bozen-Bolzano & Lancaster University Management School Lancaster, Lancashire UNITED KINGDOM
Corresponding Author Secondary Information:	
Corresponding Author's Institution:	Free University of Bozen-Bolzano & Lancaster University Management School
Corresponding Author's Secondary Institution:	
First Author:	Rebecca Vanessa Alguera Kleine
First Author Secondary Information:	
Order of Authors:	Rebecca Vanessa Alguera Kleine Bingbing Ge Alfredo De Massis, Ph.D.
Order of Authors Secondary Information:	
Funding Information:	
Abstract:	<p>Covid-19 challenges the value systems of family firms and urges them to adapt their behaviors, affecting their identities. This study aims to explore how and why family businesses strategically respond to challenges to their identity during Covid-19. Based on a qualitative case study of six German family firms, we propose a process model of family business identity variations during Covid-19 with three propositions, highlighting the interplay between strategy and identity. Counterintuitively, we found that an exogenous shock like Covid-19 can have a positive effect on family business identity, leading to identity clarification or consolidation. We contribute to the growing stream of research investigating the impact of Covid-19 on SMEs, as well as research on family business identity heterogeneity and organizational identity literature by illustrating the interplay between strategy and identity.</p>

Look in to Look out:

Strategy and Family Business Identity during Covid-19

Rebecca Vanessa Alguera Kleine
Witten/Herdecke University (Germany)
rebecca.alguerakleine@uni-wh.de
ORCID: 0000-0001-5550-4722

Bingbing Ge
Lancaster University Management School (UK)
b.ge1@lancaster.ac.uk
ORCID: 0000-0002-8031-1188

Alfredo De Massis
Free University of Bozen-Bolzano (Italy)
alfredo.demassis@unibz.it
AND
IMD Business School (Switzerland)
AND
Lancaster University Management School (UK)
AND
Institute for Entrepreneurs and Institute of Family Business, Zhejiang University (China)
ORCID: 0000-0001-5552-6497

This is for social media/promotion

The Silver lining of Covid 19 for family business identity

We believe our paper is important and interesting because of the following key contributions. First, we depict how diverse identity types are affected by exogenous shocks by highlighting the drastic interplay between strategy and identity as a means of identity deviation. We show how and under which conditions family businesses' organizational identity shifts during exogenous shocks.

Counterintuitively, our analysis reveals that Covid-19 provides an opportunity for family business identity consolidation, using German Mittelstand family businesses. Our study highlights how Mittelstand firms' unique identity stemming from the closeness with the family can serve as a guidance for strategy making during Covid-19.

Last, this paper enriches the knowledge of family and business identity heterogeneity by showing that facing the uncertainty of external challenges like Covid-19, the competing family business goal systems is challenged providing an opportunity for family business owners to refine and re-define the identity of the family businesses. In doing so, we illustrate how diverse identity types influence different strategic decisions among SMEs.

Abstract

Covid-19 challenges the value systems of family firms and urges them to adapt their behaviors, affecting their identities. This study aims to explore *how and why family businesses strategically respond to challenges to their identity during Covid-19*. Based on a qualitative case study of six German family firms, we propose a process model of family business identity variations during Covid-19 with three propositions, highlighting the interplay between strategy and identity. Counterintuitively, we found that an exogenous shock like Covid-19 can have a positive effect on family business identity, leading to identity clarification or consolidation. We contribute to the growing stream of research investigating the impact of Covid-19 on SMEs, as well as research on family business identity heterogeneity and organizational identity literature by illustrating the interplay between strategy and identity.

Plain English Summary

Title: The Silver lining of Covid 19 for family business identity

Covid-19, as one recent exogenous shock, posed a strong challenge for family businesses. However, little is known about how family businesses deal with exogenous shocks that force strategic responses and thus challenge family businesses to question "who are we as an organization". In this study, we investigated how strategic responses induced by Covid-19 affected the identity of German family firms. Counterintuitively, our study reveals that Covid-19 provided an opportunity for family business identity consolidation. It highlights how a firm's unique identity stemming from the closeness with the family can serve as a guidance for strategy making during Covid-19. Specifically, the study unearths that, when facing the uncertainty of external challenges like Covid-19, the competing family business goal systems is challenged, providing an opportunity for family business owners to refine and re-define the identity of the family businesses. Overall, it thus shows that exogenous shocks can have a positive impact on the family businesses' identity, by leading to a consolidation of an already existing identity, as well as to a clarification of a previously unclear identity.

Keywords

Family business identity, Covid-19, strategy, exogenous shock, multiple case study, Mittelstand

JEL Classifications

D21 L21 L26

Statements and Declarations

Authors disclose non-financial interests that are directly or indirectly related to the work submitted for publication.

Look in to Look out:

Strategy and Family Business Identity during Covid-19

Abstract

Covid-19 challenges the value systems of family firms and urges them to adapt their behaviors, affecting their identities. This study aims to explore *how and why family businesses strategically respond to challenges to their identity during Covid-19*. Based on a qualitative case study of six German family firms, we propose a process model of family business identity variations during Covid-19 with three propositions, highlighting the interplay between strategy and identity. Counterintuitively, we found that an exogenous shock like Covid-19 can have a positive effect on family business identity, leading to identity clarification or consolidation. We contribute to the growing stream of research investigating the impact of Covid-19 on SMEs, as well as research on family business identity heterogeneity and organizational identity literature by illustrating the interplay between strategy and identity.

Plain English Summary

Title: The Silver lining of Covid 19 for family business identity

Covid-19, as one recent exogenous shock, posed a strong challenge for family businesses. However, little is known about how family businesses deal with exogenous shocks that force strategic responses and thus challenge family businesses to question "who are we as an organization". In this study, we investigated how strategic responses induced by Covid-19 affected the identity of German family firms. Counterintuitively, our study reveals that Covid-19 provided an opportunity for family business identity consolidation. It highlights how a firm's unique identity stemming from the closeness with the family can serve as a guidance for strategy making during Covid-19. Specifically, the study unearths that, when facing the uncertainty of external challenges like Covid-19, the competing family business goal systems is challenged, providing an opportunity for family business owners to refine and re-define the identity of the family businesses. Overall, it thus shows that exogenous shocks can have a positive impact on the family businesses' identity, by leading to a consolidation of an already existing identity, as well as to a clarification of a previously unclear identity.

Keywords

Family business identity, Covid-19, strategy, exogenous shock, multiple case study, Mittelstand

JEL Classifications

D21 L21 L26

Introduction

1 Covid-19, a recent exogenous shock, was unforeseeable with unpredictable duration and impact. It forced businesses to
2 respond strategically to changing market conditions and uncertainty (Batjargal et al., 2023). As exogenous shocks, such
3 as Covid-19, force businesses to reconsider their strategic positioning, they provide a valuable context for the study of
4 organizational identity change (Doern et al., 2019). Exogenous shocks compel companies to not only re-evaluate their
5 environment (look out), but above all to re-evaluate their own identity and what they want to stand for in view of the
6 changing external conditions (look in). While the literature has pointed out that exogenous shocks have drastic and
7 detrimental effects on small and medium-sized enterprises (SMEs) globally (e.g., Belitski et al., 2022; Pedauga et al.,
8 2022; Miklian and Hoelscher, 2021), some research also found that exogenous shocks benefit SMEs by re-allocation
9 resources to efficient SMEs (Dörr et al., 2022) and strengthen the SMEs in preparation for future shocks (Grözinger et
10 al., 2022). However, there is still a lack of research on SMEs' behaviors during exogenous shocks (Belitski et al., 2022).

11 Family firms, as the majority of SMEs in most countries, are also under a major threat (De Massis et al., 2020). To
12 survive, family firms needed to be strategic and radically adapt to the challenges brought by exogenous shocks, like
13 supply and demand disruption, restricted access to finance, and constraints on social interactions (Adian et al., 2020;
14 Eggers, 2020).

15 However, changes in family businesses are complicated not only due to resource constraints, but also due to their focus
16 on non-economic goals (e.g., Gómez-Mejía et al., 2007). As a result, family business identity can be severely challenged
17 by Covid-19 (De Massis et al., 2020). Family businesses have to make important strategic decisions regarding their
18 identity, defined as “who we are as an organization” (Whetten, 2006, p. 220), during the Covid-19 pandemic (Soluk et
19 al., 2021; Le Breton-Miller and Miller, 2022). While studies highlight how identities are constructed in family firms and
20 how they change over generations (Berrone et al., 2012; Bettinelli et al., 2022; Zellweger et al., 2013), it remains unclear
21 how exogenous shocks impact the family businesses' identities (De Massis and Rondi, 2020). We address this research
22 gap by asking, “*how and why do family businesses strategically respond to challenges to their identity during Covid-
23 19?*”.

24 Empirical research indicates that in family firms, the family identity and business identity overlap (Shepherd and
25 Haynie, 2009). Variations in family identity result in prioritizing either financial or socio-emotional goals, and
26 consequently their reaction to exogenous shocks and potential organizational decline (Ponomareva et al., 2019). Reay
27 (2009) proposes that a strong, resilient, and malleable family business identity is critical to long-term success. Shedding
28 light on how the malleability/enduringness balance is achieved allows an understanding of why some family businesses
29 remain competitive when facing institutional pressure, and others do not. The aim of this study is to shed light on the
30 influence of exogenous shocks and the resulting strategic repositioning on the organizational identity of family businesses.
31 In doing so, the objective is to highlight the possible organizational identities that family businesses may adopt and to
32 explore the extent to which these identities may change in response to exogenous shocks and associated shifts in strategic
33 focus.

34 Empirically, we investigate six German mid-sized family businesses operating in diverse industries through interviews
35 and archives. Studying the influence of Covid-19 on German SMEs is particularly insightful because these companies,
36 more than 90% of which are family-owned, are considered to be the engine of Germany's economy (Stiftung
37 Familienunternehmen, 2022). These so-called “Mittelstand” firms are resource-constrained small or medium size
38 businesses in Germany, Austria or Switzerland (De Massis et al., 2018; Soluk and Kammerlander, 2021). Due to their
39 unique combination of firm size (less than 500 employees) and owner-management allowing quick reactions to changing
40 market conditions, Mittelstand firms are regarded as particularly resistant to crisis (Berlemann et al., 2021; Pahnke et al.,
41 2023). Because of Mittelstand firms' positioning as the “backbone of the German economy”, paired with their crisis

1 resistance, they represent a unique phenomenon to study crisis management (Audretsch and Lehmann, 2016, Berlemann
2 et al., 2021, p.1182). Additionally, as the German government gave a similar package to support SMEs during Covid-19,
3 compared to other EU countries, some level of generalizability of the experiences is guaranteed when the boundary
4 conditions of our research are met.

5 Counterintuitively, our analysis reveals that Covid-19 provides an opportunity for family business identity
6 consolidation. Namely, despite research on risks and uncertainties brought about by Covid-19, our research points to a
7 positive effect on family businesses. We find that during the pandemic, family businesses with a clear identity strengthen
8 their identity by maintaining the strategy they executed before the shock. For family businesses with an unclear identity
9 before the shock, the crisis simultaneously triggered stabilization and destabilization processes that facilitated clarifying
10 the previously unclear identity. We identify three strategy changes of family firms during exogenous shocks: identity
11 retention (focused on family & growth), identity reconstruction (focused on family), and new identity formation (focused
12 on survival). Thus, this study reveals that Covid-19 is a strategic opportunity for family businesses to reflect on their
13 identity of “what do we stand for” and to consider “what do we want to stand for in the future”.

14 Our study responds to recent calls for research on how major crises influence organizational identity (Ashforth, 2020;
15 De Massis and Rondi, 2020) and deepens the understanding of the effect of Covid-19 on SMEs (Belitski et al 2022). We
16 make three main contributions. First, we contribute to family business literature, by explaining the strategic response,
17 including the formation, alteration, and elimination, of family business identity. Our approach of combining strategic
18 responses with family business identity extends the literature on family business heterogeneity (Daspit et al., 2021;
19 Neubaum et al., 2019; Ponomareva et al., 2019) by showing why some family businesses see themselves more as such
20 and others embody the family aspect less. The dynamics are further explained by our propositions clarifying the interplay
21 between different types of identities with varying stability degrees, and a family or growth focus in their identity changes.

22 Second, our model responds to the call for further investigating the impact of the Covid-19 pandemic on SMEs
23 (Belitski et al., 2022; Conz et al., 2023; Hadjielias et al., 2022; McCann et al., 2023; Smith et al., 2023), by introducing a
24 process model of identity reconstruction during Covid-19, as an example of exogenous shock. In particular, we extend
25 the literature on Mittelstand crisis resistance (e.g., Audretsch and Lehmann, 2016; Berlemann et al., 2021) by highlighting
26 how Mittelstand firms’ unique identity stemming from the closeness with the family can serve as a guidance for strategy-
27 making during Covid-19.

28 Lastly, we bring in the discussion on family dynamics’ influence on organizational identity (Albert and Whetten,
29 1985), by illustrating the interplay between strategy and family firm identity (He and Balmer, 2007, 2013). We contribute
30 to the understanding of organizational identity research of family businesses (Whetten et al., 2014) by shedding light on
31 how family business identities can influence particular strategic decisions, especially on strategic change and continuity
32 (Ravasi et al., 2020).

33 **Theoretical background**

34 *Organizational identity*

35 Organizational identity refers to “the central and enduring attributes of an organization that distinguishes it from other
36 organizations” (Whetten, 2006, p. 220), thus not only clarifying “who we are as an organization” (Whetten, 2006, p. 220),
37 but also “what we do as a collective” (Nag et al., 2007, p. 842; Pratt and Kraatz, 2009; Pratt et al., 2016). A clear
38 organizational identity is a coherent guide for how members are expected to behave and how other organizations relate
39 to them (Dutton and Dukerich, 1991; Whetten and Mackey, 2002).

40 *Organizational strategy and identity dynamics*

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65

Scholars agree that a firm's organizational identity is "dynamic, not static, and is greatly affected by changes in the external environment" (Balmer and Greyser, 1995; Jeyavelu, 2009; Pérez and del Bosque, 2014). Therefore, organizational identity should be adaptable and malleable to respond to changes in the external environment, the corporate strategy, and organizational members' conflicting identity claims (He and Balmer, 2013). To deal with these challenges, scholars propose that organizational identity needs to be understood and maintained with corresponding strategies (Anthony and Tripsas, 2016; Cornelissen et al., 2007; Graddy-Reed, 2021; Rindova et al., 2011). The firm's organizational identity determines its corporate strategy, including how it positions itself in the market, its allocation of resources, and its corporate structure (Block and Wagner, 2014; Melewar and Wooldridge, 2001; Ravasi et al., 2020). Strategic tensions, discrepancies between the values that constitute the identity, goals, and strategy implementation, entail continuously reinterpreting, experimenting, nudging, and reinterpreting the identity (Kreiner et al., 2015). As a result, a certain level of organizational identity flexibility is needed over time to enable the firm to shift strategically (Smith and Besharov, 2019).

However, due to the involvement of various stakeholders in forming the organizational identity, identity inconsistency or conflicts may ensue (Gioia et al., 2010; Rodrigues and Child, 2008), meaning multiple organizational identities compete for predominance (Daft and Macintosh, 1981).

In the following, we refer to identity inconsistency as a temporary state of misalignment of strategy and identity resulting from a shifting identity and/or strategy, leading to a lack of a collective understanding of the organizational identity (Bövers and Hoon, 2021). Inconsistency results from misalignment of strategy and identity, caused by (1) changes in strategy (identity-inconsistency), (2) changes in identity (strategy-inconsistency), (3) or both (strategy-identity-inconsistency) (Bövers and Hoon, 2021). Organizational identity serves as a filter that can direct the organization's attention, but can also blind it to market opportunities or other changes that would require a change in corporate identity (Ravasi et al., 2020).

Drastic identity instability occurs during key moments of institutional transformation, such as organizational restructuring, leadership changes (Balmer and Greyser, 2002), spin-offs, forming strategic alliances, mergers and acquisitions (van Knippenberg et al., 2002), potentially causing changes to the organizational identity and requiring a re-alignment between the strategy and identity (Ravasi et al., 2020). Drastic identity instability occurs during key moments of institutional transformation, such as organizational restructuring, leadership changes (Balmer and Greyser, 2002), spin-offs, forming strategic alliances, mergers and acquisitions (van Knippenberg et al., 2002), potentially causing changes to the organizational identity and requiring a re-alignment between the strategy and identity (Ravasi et al., 2020).

Family business identity

In family firms, the development of an organizational identity entails complex dynamics ensuing from the interplay between the family and the business (Harrison and Leitch, 2019), in turn determining family firm behaviors (Habbershon et al., 2003; Zellweger et al., 2010). Family firms' vision is shaped and pursued by a dominant coalition that constitutes the family or a small number of families (Chua et al. 1999). Bettinelli et al. (2022) further emphasize that the identity of family firms is shaped by complex interactions between actors at different levels inside and outside the firm, both from family and non-family members. The construction of an organizational identity lies in the hands of firm leaders (Balmer, 2008; Kärreman and Rylander, 2008), or the family coalition in family firms (Chrisman et al., 2003). Recently, Bövers and Hoon (2021) have highlighted the interplay of strategy and identity by showing that when navigating through times of change family firms' identity is inextricably linked to strategy, causing identity adaptation, modification, and change. In family firms, the business and family identities may be segmented or integrated to different degrees. In the case of segmentation, the firm has its own identity autonomous from the family (Sundaramurthy and Kreiner, 2008). Family

1 identity is defined as “the set of behavioral expectations associated with the family role” (Shepherd and Haynie, 2009, p.
2 1251), or the meaning that family members attach to the family for internal self-verification (Weigert and Hastings, 1977;
3 Zellweger and Dehlen, 2012).

4 When the family and business identities overlap and intersect, a “meta-identity” arises (Shepherd and Haynie, 2009,
5 p. 1246). The co-existence of both a family and a business identity implies that the rationale for decisions (e.g., on
6 management, finance, and strategy) and behaviors could be based on either of the two identities (Boers and Nordqvist,
7 2012), termed as paradoxical goal systems (Barrett and Moores, 2020). These competing goals invite research on the
8 trade-offs between family and business logics (McAdam et al. 2020)

9 For family firms, understanding “who we are as a family business” is especially important, as the firm is often much
10 more than just a business, a manifestation of the individual and collective identity, and a source of recognition and pride
11 (Parada and Vilad s, 2010; Berrone et al. 2010). Due to their emotional attachment to the firm, the family acts as a “keeper
12 of the past,” or “guarantor of care and continuity” (Micelotta and Raynard, 2011, p. 204). The business, on the other hand,
13 reflects “temporality as a disconnection from the past and a projection into the future”, as it focuses primarily on financial
14 development (Micelotta and Raynard, 2011, p. 209).

15 Research is aligned on the heterogeneity of family business identities and behavioral differences (Daspit et al., 2021;
16 Neubaum et al., 2019; Rau et al., 2019). Ponomareva et al. (2019) propose that family firms’ strategic behaviors are
17 influenced by two opposing identities – the clan identity, meaning the family is the carrier of the identity and the central
18 decision-making factor, and financial identity, where business values take priority. A growing stream of research
19 addresses the influence that organizational identity has on family firms strategic decision-making such as family firms’
20 repose to technological transformation (Pr gl and Spitzley, 2021), the utilization of mottos and philosophies during
21 change (Sasaki, et al., 2020) or the role identity plays in family firms conducting (un)ethical behavior (Dieleman and
22 Koning, 2020).

23 Despite the array of studies focusing on organizational identity deviation, there is a lack of research on how changes
24 in the external environment, such as Covid-19 influence the family business identity (B vers and Hoon, 2021; De Massis
25 and Rondi, 2020). Remaining unclear are the dynamics between identity and strategy during shocks, what value the
26 organizational identity can provide in crises, and the role that family and non-family members play in maintaining and
27 shaping the identity in times of institutional pressure. Therefore, our research follows the call to investigate how different
28 types of identities affect strategic decisions and the impact of diversely constructed identities on strategic change and
29 continuity in the context of family firms (Bettinelli et al., 2022; Ravasi et al., 2020).

30 To determine how and why Covid-19 affects family business identity, we consider the rich family business narratives
31 (Dawson and Hjorth, 2012, p. 350). In the next section, we elaborate on our research methodology.

32 **Methodology**

33 Due to the explorative nature of our study (De Massis and Kammerlander, 2020), we answer our research question through
34 inductive theory-building based on qualitative data (Eisenhardt and Graebner, 2007). Because there is limited prior
35 research, we use a broad research question of “how” and “why” that allows us to flexibly address observed phenomena
36 (Eisenhardt and Graebner, 2007). The aim of our inductive approach is to explain variance in strategy and identity
37 processes and the resulting outcomes, understanding the underlying motives (Eisenhardt et al., 2016). Through our
38 inductive exploratory research, we gain in-depth insights into changes of the organizational identity of family businesses,
39 including the underlying values of family members, the relationship between non-family and family members, and the
40 firms’ self-reflexivity processes, all complex social progressions not easily captured by quantitative data (Cassell et al.,
41 2017).

1 We follow the recommendations by De Massis and Kotlar (2014) to use multiple data sources and multiple rounds of
2 validation to triangulate our findings, i.e. apply different angles to observe the same phenomenon to inductively develop
3 our theoretical propositions, ensuring construct validity (Yin, 2009). In doing so, we seek to rule out misleading
4 interpretations of data from the initial research questions to the model and propositions. The propositions aim to inspire
5 future confirmatory research thus strengthening the “testability” of our findings (De Massis and Kotlar, 2014). To achieve
6 a high degree of reliability, after the two rounds of interviews and secondary data collection had been completed, the
7 findings were shown to the CEOs of the six family businesses (De Massis and Kotlar, 2014).
8
9

10 *Data collection*

11 We followed a “theoretical sampling” approach (Symon and Cassell, 2017, p. 42) whereby we collected, immediately
12 analyzed, and coded the data to generate a first theory that then allowed for improving and specifying the questions we
13 asked in the subsequent interviews.
14
15

16 For adequate comparability, we carefully selected the six German “Mittelstand” SMEs (Pahnke et al., 2023; Pahnke
17 and Welter, 2019), all of which conform to the European Commission definition of family firms (European Commission,
18 2021a), and small and medium-sized enterprises (European Commission, 2021b). Studying strategic responses to shocks
19 in Mittelstand firms is especially insightful as Mittelstand firms are not only regarded as constructive pillars of the German
20 economy, but also because of their especially high crisis resistance due to their size, concentrated ownership structure,
21 and closeness to their customers (Berlemann et al., 2021; Franch Parella and Carmona Hernández, 2018).
22
23

24 As suggested in the literature (Eisenhardt, 1989; Yin, 2009), we settled on a theoretical sample of six German family
25 firms of similar size, revenue, and age, but differing in terms of industry and response to the exogenous shock. SMEs
26 were chosen due to their size and the resulting limited resources and ability to influence their external environment, SMEs
27 are more severely impacted by exogenous shocks than larger firms (Miklian and Hoelscher, 2022). Studying the impact
28 of Covid-19 on German family businesses is particularly insightful for two reasons. First, in Germany, more than 90% of
29 all companies are family-owned and contribute 58% of all jobs, thus a stabilizing factor of the employment market in
30 times of economic downturn (Stiftung Familienunternehmen, 2022). Second, by specifically supporting SMEs, Germany
31 has issued the most comprehensive financial aid measures in the history of the country (Federal Ministry of Finance,
32 2022). Before the pandemic, the selected family SMEs employed between 15 and 50 people and generated between €4m
33 and €10m in revenues. The majority of decision-making rights are in the hands of the family, and at least one family
34 representative or kin is formally involved in the firms’ governance.
35
36

37 For a holistic view of the influence of Covid-19, we selected firms operating in various industries that faced different
38 obstacles during the pandemic. Thus, the cases build a “common process design”, as all observed the same phenomenon,
39 namely Covid-19, but in different settings (Eisenhardt, 2021, p. 150). Although the companies operate in different
40 industries, they have in common that they were all initially negatively affected by the pandemic and had to shut down
41 their operations for more than 10 days. All six companies did not apply for financial assistance from the government, but
42 initially suffered financial losses in the second quarter of 2020. Using this design, our research facilitates generalizations
43 and higher external validity. Theoretical replication and the observation of similarities in cases with different theoretical
44 conditions allowed a more robust understanding of the relationship between Covid-19 and family business identity,
45 strengthening the internal validity of our multiple case study (Eisenhardt and Graebner, 2007). To anonymize the firms
46 and the associated families, we have allocated them Greek letters (see Table 1). All six family businesses were wholly
47 owned and managed by the family at the time of the Covid-19 pandemic. 60% of the company Gamma was sold to another
48 family business 11 months after the onset of the pandemic. Gamma family retains 100% ownership for the remaining
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65

40% of Gamma and continues to be responsible for the management of this part of the company, where we based our analysis on.

We collected our data from three sources to ensure a thorough understanding of the cases and allow data triangulation (Yin, 2009), namely the firms' digital archives including press websites, internal communication and external communication, documentation (annual reports and corporate documents), and qualitative interviews. The interviews were conducted between May 2021 and August 2021 in two rounds. We further conducted a round of validation interviews in January 2023.

Data was collected in two rounds. In *round one*, openly available information, such as press websites, corporate reports, and newspaper articles, was evaluated. After analysis of the secondary data, 13 interviews with family CEOs, CIOs, retired former CEOs, NextGen, or heads of sales were conducted as well as two interviews with non-family managing directors. Also, internal communication (archival items sent to employees, customers, and partners) was gathered to understand how the market responded to the exogenous shock and how the crisis is described. Through analysis of external sources (websites of competitors, trade unions, and associations), the interviewees' statements were validated or refuted to be questioned again in the second round of interviews. In *round two*, which took place three weeks after the first interviews, a further eight interviews were conducted with family CEOs, in which unclear or contradictory statements from the previous interviews were questioned. As recommended by Eisenhardt (2021), to select the relevant data, rather than aiming to increase the quantity of data, we decided to focus on family members in the second interview round, as non-family managers, despite having opinions on the strategy and identity of the business, do not have the power to influence these strategies. We were satisfied with the data collection after eight interviews in the second interview round, as no new information was gathered thereby reaching data saturation (Fusch and Ness, 2015). To achieve further validation of the collected data, the information collected was presented to the owning family via email and validated by them.

During data collection, we followed Eisenhardt's (1989) suggestion on using probing questions, such as "Prior interviews have shown... ", "Why/why not?" or "What would have happened if...?" (De Massis and Kammerlander, 2020, p. 11), to achieve validation. To collect the most diverse information possible, minimize biases, and achieve a high degree of triangulation, the interviews were conducted with the generation currently running the firm and at least one family or non-family senior executive. A total of 23 interviews were conducted in which the information was triangulated by within-case comparison. Data collection was discontinued after 23 interviews and the use of secondary data, as data saturation had been reached and statements by individual informants and statements between informants were duplicated and no new information could be obtained (Fusch and Ness, 2015).

We further conducted a validation round with all six family businesses. During this stage, we discussed our findings and the process model with the family business CEOs and interviewed all six CEOs of family businesses to learn how the identity of the businesses had changed since the shock due to the strategic responses triggered by the shock. By showing our results to the CEOs, we have been able to triangulate our findings, increasing the level of detail of our data structure and confirming the validity of our model (De Massis and Kotlar, 2014; Yin, 2009).

(Insert Table 1 about here)

First, we formed the questions drawing on the existing literature, then iteratively refined and expanded them from interview to interview (Eisenhardt and Graebner, 2007). As we encouraged the interviewees to tell stories and provide vivid examples, an increasingly detailed picture of their understanding of the business identity emerged (Eisenhardt, 1989). Thus, our theoretical results are grounded in our data yet developed and refined through constant comparison with the existing literature (Eisenhardt, 2021).

1 During the first interviews, we only looked at changes in identity but quickly realized that the changes were
2 significantly influenced by the chosen strategy. Throughout the interviews, it became increasingly clear to us that identity
3 and strategy are mutually interdependent. We therefore iteratively expanded our research to shed light on the interplay of
4 strategy and identity. In total, we collected 1,192 minutes of interviews, generating 506 pages of transcripts. The length
5 of the interviews is attributable to the different lengths of interviewees' answers as well as the adaptation of the interview
6 guide depending on the interviewees' responses.
7
8

9 (Insert Table 2 about here)
10

11 *Data analysis*

12 We conducted an inductive thematic analysis of our data (Braun and Clarke, 2006). Employing a constant comparative
13 method, in the first cycle, we used an open coding mechanism to form concepts from the data, subsequently developing
14 the most frequent into more defined themes (De Massis and Kammerlander, 2020). The interviews were conducted in
15 such a way that once a deep understanding of what each company stood for before the pandemic was achieved, rough
16 categories were first formed from the raw data to address how the individual interviewees perceived their company before
17 the shock. In doing so, we drew within-case and cross-case insights and classified the family businesses into two
18 categories: family firms with a stable identity and family firms with an unstable identity. This process allows us to not
19 only explain 'what differs' but also the depth of how these differences appeared in different cases, and the distinctiveness
20 of family influences on businesses' strategic behaviors (Chrisman et al., 2016). Also, two logics emerged from these first
21 interviews: family logic or growth logic.
22
23

24 The second round of interviews evaluated how the companies described themselves during the pandemic and what
25 strategic steps they took during the shock. Also, the codes from the first round were refined and adapted in the second
26 round. By repeatedly reshaping, combining, or deleting codes, the rough first-order concepts resulted in increasingly clear
27 second-order codes that enabled a higher level of theoretical abstraction. For example, after realizing that the identity of
28 family businesses was affected by the strategic reorientations necessitated by the pandemic, we expanded our code system
29 to reflect this. Specifically, the second-order themes *lack of strategic direction*, *threats to business survival* and *needs to*
30 *change and adapt* resulted from validating the findings from the first round of interviews with CEOs with additional
31 family and non-family members. Through constant refinement of the second-order themes within and across cases as well
32 as the timing of the events, the overarching dimensions then emerged (Gioia et al., 2013).
33
34

35 All authors compared and reviewed the codes independently to increase rigor. All authors, based on initial coding by
36 one author, looked at the codes and discussed how they could be abstracted into higher second-order themes and
37 consequent overarching dimensions. Thus, different interpretations of the quotes were discussed and interview questions
38 for the next round of interviews were developed. As our theory emerged, we repeatedly verified and confirmed insights
39 through focused questioning. Our iterative verification and discussions eventually led to our final process model.
40
41

42 To reveal the individuals' perceptions of "who we are as a family", "who we are as a business", "who we are as a
43 family business", and "what the shock means to us", we conducted a thematic analysis of family members' narratives. In
44 family businesses, sharing narratives about the family contributes to the creation of a shared identity and reduces the
45 disparity between the family identity and the firm identity (Dalpiaz et al., 2014; Jaskiewicz et al., 2015). Sharing narratives
46 about the family imbues a sense of where the family comes from, how they got to where they are, and why they do the
47 things they do (Parada and Viladás, 2010). The often informally communicated stories, legends, and myths nourish and
48 clarify why some strategies emerged (Discua Cruz et al., 2012) and even form part of these strategies (Ge et al., 2022).
49 Therefore, we specifically analyzed the personal accounts of the interviewees' experiences (De Fina and Georgakopoulou,
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65

2015; Larty and Hamilton, 2011), focusing on the narratives of events, the relational and historical context, and the relationship among the stories (Smith, 2018; Somers, 1994). These narratives include “personal and social histories, myths, fairy tales, novels or everyday stories that are used to explain or justify our own, or others, actions, and behaviors” (Smith and Anderson, 2004, p. 127).

After the within-case interpretations, to achieve internal validity, we moved on to make cross-case interpretations focusing on differences and similarities in the patterns from each of the studied cases (De Massis and Kotlar, 2014). Following the initial cross-case interpretations by comparing the empirical patterns identified in the within-case interpretations, we identified more general themes from the patterns that emerged during the interpretive work (Nordqvist et al., 2009).

Guided by our aim to understand the effects of Covid-19, we identified the three stages by asking the interviewees retrospective as well as prospective questions regarding their strategies and identities regarding the beginning of the pandemic, current descriptions, and future plans¹. In particular, “first encounter” refers to the period when the family business identity first faced the challenge, was under threat and needed change. The “new normal” refers to the outcome of the identity-stabilizing strategy in the previous period. These accounts were triangulated with archives for validation. For example, we check the self-identifying of the interviewees with the websites and the company documentation. Since the description of the family businesses on their websites² was very vague and did not go beyond the description “family business” we base our analysis on our primary research data (interviews) and other archive data. The family businesses have not made any statement regarding their strategies on their websites, which can be attributed to the fact that the websites are not perceived to have a high value for their external marketing. We witnessed strategic changes in all six firms with interesting directions. Further, we formed comparisons between cases. For example, we grouped the cases changes based on the themes that emerged from data – family or growth-focused logic. These formed the initial propositions, which we discuss further in the discussion section. We grouped the identity-related narratives into three different stages – before Covid-19, first encounter, and new normal – and coded their different themes accordingly. Our data analysis consisted of two phases. Triangulation was achieved by asking different interviewees in the same company the same question as well as analyzing secondary data to validate the narratives (De Massis and Kotlar, 2014).

The *first-order concepts* enabled uncovering of the key elements of the informants’ understanding of their family business identity in their own language. We discovered that at this stage, the family businesses were trying to understand “who they are” in different ways. This generated interesting codes, such as “succession plans” and “too small to compete”.

In the second phase, we grouped the refined concepts of the first-order codes into broader themes and patterns regarding family members’ perception of their organization’s identity. In doing so, we carefully considered key elements in a more structured analysis at a higher level of theoretical abstraction (Charmaz and Henwood, 2017). For example, we grouped first-order codes, such as “pivot strategy to ensure longevity” and “abandon family atmosphere” into “new identity formation”. We used constant comparison techniques to identify the *second-order themes* that subsumed the first-order concepts.

In the third phase of the analysis, we grouped the 11 main themes into five *aggregate analytical dimensions* reflecting the identity change process. We categorized the three strategies to deal with Covid-19 on the family business identity into “identity stabilizing strategies”. We then further abstracted the theoretical dimensions to provide our own contribution to the literature. The ongoing coding and comparison process began with each interview to generate categorized knowledge

¹ Please see attached interview guideline.

² We carefully considered the use of website information due to: 1. the websites of the family businesses (SMEs) are, in general, outdated, 2. We consider a website as a representation to the outside world, which is of limited support for our inquiry of identity, which is internally oriented.

then used to improve the questions in the subsequent interviews (Glaser and Strauss, 2017). We used the computer-based qualitative software application Nvivo 12 to support the coding of narratives throughout the process, facilitating the described coding waves, and identifying the overlap between codes. In the following section, we illustrate our findings.

Findings

From reading and inductively coding the 23 interviews, 6 validation interviews and archives from the six cases, we identified competing identity logics and identity inconsistency (before Covid-19), changes in identity context and identity stabilizing strategies during the first encounter (of Covid-19), and co-responding consolidated identity or clarified identity during the new normal (when the companies are adapting to Covid-19). We find that when faced with Covid-19, family firms not only showed strategic flexibility, which influenced their organizational identity. Our findings below explain the five aggregate dimensions emerging from our data³.

(Insert Figure 1 about here)

Identity before Covid-19

Among the first few interviews, two phenomena became apparent: competing identity logics and differently consistent identities. It became clear that the selected firms faced *competing family and growth logics* entailing a strategic trade-off between prioritizing family and growth goals. The family firms had variously stable identities before the pandemic: Alpha, Delta, and Epsilon had a uniform and relatively stable narrative of “who we are as a family business”, while, Beta, Gamma, and Sigma underwent strategic changes in a period of six months before the Covid-19 pandemic that made them question their understanding of “what we stand for”.

Alpha and Epsilon were characterized by identity consistency, meaning a stable understanding of “who we are as a family business”. Their identity was based on the perception that family takes priority and their long-term orientation focused on maintaining trusting relationships with employees, suppliers, and customers, whereas profit-making was not prioritized. As Alpha and Epsilon relied heavily on the firm’s long-term survival, the ultimate goal was to pass the business to the next generation of family members. The Alpha family CEO said, “*Of course, we hope that one of our children will take over the business. [...] We are a family business, and we are already the fifth generation, and we live by that*”. This is also shown in Alpha’s website section – *A family business for generations*.

Similarly, Delta built its pre-pandemic identity on its long-term orientation, but with a perception that growth takes priority, regarding itself as a family business that acts professionally and rationally with the ambition to grow steadily and cautiously.

It is clear to us that we want to grow – we have to get out of this in-between situation between small and medium-sized and You have to differentiate a bit and say yes, we are family-run, we are under the influence of the family, but we are still professional, and we are still profit-oriented (Delta non-family manager), One their Facebook, they position themselves as “part of a strongly growing medium-sized road construction and civil engineering company with tradition.” (Facebook post Delta, published 09.12.2019, accessed 11.12.2022)

While Alpha, Delta, and Epsilon had a stable understanding of “who are we as a family business”, Beta, Gamma, and Sigma faced identity inconsistency due to changes in competition and strategy occurring in the six months before the pandemic, causing a lack of strategic direction. Despite the displaying of a ‘family’ image in public, the family business

³ Additional examples from our interviews are archives provided in Table S1 in the supplementary document.

owners were uncertain about their identity. Although they describe themselves as a “family business” on their website and social media, the family business owners were uncertain about what that meant.

For identity-unstable firms, inconsistency in their self-definition arose from *changes in competition*, as they operated in a shifting and declining price-driven environment. Under these conditions, the family firms either became smaller players as competitors merged with partners to remain competitive, or served clients that were often much larger and financially stronger than the family business. For example, Beta’s CEO commented: “*We already had a bit of turbulence in the company in the run-up to the pandemic. [...] We simply have a lot of competing products, and demand is declining more and more.*”

Second, identity inconsistency occurred due to *strategy deviations* and the *lack of strategic direction*. In their narratives, the family business managers revealed their uncertainty about “who are we as a family business” once the business executed strategic shifts. Strategic disorientation stemmed from the changing market conditions for some of the family firms, as they foresaw lower demand for their products, threatening the longevity of the business. Additionally, the unpredictable market situation sparked the question of whether the business should and could remain in the hands of the family.

This identity vagueness was exacerbated when strategic changes were implemented, such as mergers. Indeed, the merger with a non-family firm led Sigma to ask how it could remain true to its values of closeness to employees, open communication, and togetherness.

We had to rethink, okay, who are we now? And [it] was also a concern that we had when we joined with [the buying group]. Will we be able to keep what we stand for? (Sigma family CEO)

The analysis of the website and documents published by the family businesses themselves showed that the description of the family businesses refers exclusively to “a family business for generations” (Alpha), “a family business with tradition” (Beta and Epsilon), “owner-managed, traditional family business” (Sigma), and “family business” (Gamma). Only Delta does not describe itself as a family business on its website or other forms of communication.

First encounter

The unforeseen occurrence of Covid-19 led to family businesses having to fundamentally change their business models, sales strategies and ways of working. In the process, two phenomena became apparent: identity stabilization and, at the same time, destabilization of the identity of some family businesses.

Changes in context

From the interviews, it became clear that identity stabilization during the pandemic was accompanied by a simultaneous destabilization of their identity. Just as before the crisis, identity destabilization was triggered by the shifting competitive environment and strategic changes, causing *threats to business survival* and an *increased need to change and adapt*. The family firms that challenged their identity the most during the pandemic were those that either sought growth because the pandemic offered growth opportunities, and those that implemented strategic changes during or immediately before the pandemic to remain viable.

Since Alpha and Epsilon did not make strategic changes and growth efforts, they only marginally questioned their identity. For example, the former family CEO of Alpha commented that: “*We could have used the opportunity and also worked with recycled plastic, but that doesn’t suit us. [...] we think in the long-term and it wouldn’t have suited us to suddenly track down new suppliers just to be able to sell more in the short-term.*”

We are able to continuously serve our customers keeping our sustainability DNA alive (internal mail Alpha)

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65

For the family firms with an already unstable identity before the pandemic, inconsistency heightened due to changes in competition, *threatening the family business' survival*. As competition intensified, the pandemic forced them to either grow or adjust their portfolio. Indeed, Beta and Sigma were faced with the urgent need to re-evaluate how they wanted to position themselves in the long-term, including which products to offer and whom to target.

We had to ask ourselves what do we want to do? Whom do we want to serve? Which products do we want to have? And this was caused by the fact that the market changed so much, and customers' requirements changed so much, and we realized that we should no longer produce certain products (Beta family CEO)

Second, in the already identity-unstable family firms, inconsistency increased due to strategic changes that increased the *need to change and adapt* the existing business model.

As the competitive environment changed, strategy adaptation became indispensable, proliferating the urgency for identity-inconsistent family firms to define their identity. In the case of Beta and Delta, both aiming for growth, the question arose as to how much they embodied a profit orientation and how much they sought familiarity. During the pandemic, both firms needed a higher degree of professionalism and profit orientation to enable growth. In the case of Beta, the firm had to ask itself to what extent it was prepared to lay off workers to remain viable in the long run.

We are not a charity. Yes, we want to keep employees and good contact with suppliers, but not if we endanger the survival of the company (Next Gen (CIO) at Beta)

The Corona crisis is forcing many small and medium-sized winegrowers and suppliers to join larger communities after years of price wars. (excerpt from the annual report of the trade association of winegrowers)

In the case of Delta, the firm questioned to what extent it was prepared to risk its cohesion through growth – *“Of course, the family wants to preserve a certain familiarity, but I think we have been at the point for a long time now that we just have to find a way to continue to grow in order to preserve our life's work.”* (Delta non-family managing director)

For Gamma, identity inconsistency was heightened because the firm was aware that to survive in the long term, it needed a partner. But strategic realignment through the merger caused short-term doubts as to whether Gamma could continue to stand for its close connection between family and employees, trust, reliability, and transparency.

How will communication with our employees change now? Will communication now be handled by [the medium-sized freight forwarder] or will communicate with our lorry drivers remain here at our site? And we thought about it a lot, we had a lot of sleepless nights. And when Corona came, it was a very, very big shock for us. [...] At first, we didn't know what that meant for us (Gamma family CEO).

This is also shown in Gamma's internal mail. Further uncertainty about the future strategic orientation arose as the pandemic created the desire to serve smaller customers even if the firm had proudly served large customers for generations.

This question “who are we?”, we asked ourselves a lot. It was also a big discussion within the family because we were always very proud to have big clients and to work with clients who were 10, 20, 30 times as big as we were. [...] I kept asking myself, if we stay the way we are now, we are too small for big customers and we won't survive (Gamma family CEO)

For Sigma, which had already completed the merger with a larger partner just before the pandemic, answering the question “what do we stand for?” took much less time, in their case in terms of “do we stand for the mass market or are we specialized?” due to the rapidly changing demand situation and simultaneous restructuring the product range.

During Covid we could have expanded our portfolio and could have tailored our assortment more towards cheaper price ranges, but we just did everything to become more specialized again, so we did not want to lose that (Sigma non-family managing director).

Identity stabilizing strategies

Counterintuitively, we find that the shock caused identity stabilization in that the family businesses gained a clearer understanding of “who they are as a family business” through the shock.

The narratives revealed that identity stabilization was enacted in three strategic ways: retaining the existing identity by intentionally rejecting or embracing growth opportunities, regressing to a previous strategy, or consciously implementing a strategic turnaround to create a new identity.

Reaffirming that they did not want to grow at any cost and striving to maintain their family atmosphere during the pandemic, Alpha and Epsilon achieved *identity retention with a focus on family* by refusing to take advantage of expansion opportunities from the pandemic. Instead, they highlighted their ambition to maintain their family affiliation. For example, the Epsilon manager stated, “*We deliberately don’t want to get bigger now. [...] we want to maintain this family atmosphere*”.

We also found that *identity retention with a focus on growth* occurred by advancing a conscious growth strategy. The focus on “we stand for growth and professionalism” was demonstrated not only by increasing the number of employees but also by attaining a higher level of professionalism through non-family managers in leadership positions. For example, a non-family managing director at Delta said, “*That’s one thing we also want to signal to our employees by adding [another non-family manager] perhaps: all the signs are pointing to growth, and we want to grow [...] we are pretty clear about where we want to go and who we are now*”.

We are in a solid position due to our nationwide customer base and hope to be able to expand this in the first half of 2021 (internal mail Delta)

Gamma and Sigma’s understanding of their identity was clarified by the pandemic in that they decided to strive for *identity reconstruction with a focus on family* through merging with a partner, which allowed them to go “back to their roots”. This entailed focusing more on family cohesion within the firm and close customer contact to build a stable family-focused identity in the long-term and re-focus on what they specialize in. The non-family managing director at Sigma commented, “*Both the pandemic and the merger brought an end to constantly competing on price, but it allowed us to stand for good quality again and good service*”.

Beta however was forced by the changing market conditions to pivot from its current strategy and adapt it to the changing market conditions by increasing professionalism, efficiency, and internationalization, which caused an identity reconstruction through new identity formation. Through the formation of an entirely new understanding of “who we are” focused on survival, the firm sought to safeguard its financial stability and consequently its longevity.

New normal

Through the interview we found that by August 2021 the family firms had established routines and have begun to consider the new way of working as normality, despite the unpredictable length of the pandemic.

Alpha and Epsilon, with a *consolidated identity* through the shock, reinforced their understanding of their firm’s consistency as their main identity claim and the value of trusting relationships with employees and partners, which is also shown in online articles. For these firms, the crisis confirmed that long-lasting partnerships prevent opportunism even in times of uncertainty. Although the pandemic provided the opportunity to expand, they preferred maintaining their current size so as not to jeopardize cohesion, and retain control.

We realized again that we want to stand for what we are currently, and we are currently a small family-owned business, and we want to stay like that. We don’t want to grow, [...] We have good relationships with our employees and good communication, and [...] that is what matters to us (Epsilon family CEO)

1 For the growth-oriented family business Delta, the pandemic *consolidated its identity* in that it intensified its ambition
2 to professionalize, integrated non-family members in the firm (e.g., hiring announcements from an online newspaper
3 article, accessed 20.09.2021, and grew despite the changing competitive landscape during the pandemic.

4 *We want to grow. Not rapidly, but steadily. We knew that before the pandemic, but now we are once again more aware*
5 *that we have to grow and invest in order to remain competitive in the long term* (Delta non-family managing director)

6 For Beta, Gamma, and Sigma, all firms with identity inconsistency in the run-up to the pandemic, the crisis
7 consistently led to clarification of their identity.

8
9 In the case of Gamma, the pandemic caused *identity clarification* as it enabled the firm to resolve its financial worries
10 by merging with a medium-sized family-run partner, thus ensuring its long-term orientation as a small, specialized firm
11 with a strong focus on family affiliation. In so doing, the family ensured control over Gamma, guaranteeing no employees
12 were made redundant, and safeguarding the trusting and long-term relationship with employees:

13 *[The medium-sized freight forwarder] just has similar values to us. They stand for just as much reliability and just as*
14 *much sense of responsibility as we do, and it was just a perfect fit* (Gamma family CEO)

15 *This reliability for the customer, for the employee and this big family feeling, so to speak [...] remained. Even under*
16 *[the medium-sized transport company] [...] we wanted to maintain control over the processes, over customer dealings,*
17 *over employees* (Gamma head of sales)

18 For Sigma, the pandemic similarly caused *identity clarification*, as the pre-pandemic merger with a large purchasing
19 company did not diminish its strong relationship with long-time employees. The Sigma family manager described the
20 merger as “*remain[ing] true to our values*” and “*remain[ing] the small family business that we are now*”. The pandemic
21 and the resulting increase in demand additionally manifested in Sigma’s identity claim to not expand but specialize.

22 *We’ve realized that we are happy with how things are and that we want to maintain the size we have at the moment*
23 *and rather focus more on the machinery services and on those high-quality products that require detailed consulting*
24 (Sigma non-family managing director)

25 For both Gamma and Sigma, the shock led to *identity clarification* in that the mergers were understood as a way “back
26 to their roots”, or as the Gamma family manager put it, allowing him to do “*what I actually want, why I’m sitting here*”.
27 Instead of dealing with clients that are many times larger than themselves, they could now deal with clients of similar size
28 and values. Both family businesses perceived the mergers as a way of regaining competitiveness while being able to focus
29 on their core business and customers.

30 *We now can focus so much better on what we are good at and do not have to be concerned about the cost side all the*
31 *time. I have so much more time now to actually deal with employees and operational things, which I enjoy so much*
32 *more anyway* (Sigma non-family managing director)

33 For Beta, the pandemic also caused *identity clarification*. It became clear from the reduced demand during the
34 pandemic that the family was willing to merge with a larger competitor if necessary and/or hand over management to
35 someone outside the family if there was no successor and thus relinquish control of the firm, or professionalize and
36 restructure parts of the firm to become more cost-efficient. As the Beta family manager put it, “*We have to restructure to*
37 *reduce costs. That is our main priority now after all the Covid mess*”. This was also confirmed by her successor, “*Covid*
38 *has clarified to us that we have to do something to remain profitable*”. This is also confirmed by industrial sources.

56 Discussion and Theoretical Contributions

57 Our research provides novel insights into the interplay between strategy and identity during Covid-19, and the role of
58 strategic responses to changing environmental conditions in the identity transformation process. Through exploring the
59
60
61
62
63
64
65

1 different behavior propensities and strategic drivers, we found the impact of family influence on business strategic
2 behaviors (Chrisman et al, 2016) through a process model and explained the variances through three propositions. Our
3 findings extend current knowledge of family business identity heterogeneity, and how different identity types contribute
4 to corporate resilience. We discuss the theoretical contributions, limitations, and future research directions below.

5 6 *Process model of identity change in family firms during Covid-19*

7 Integrating the findings with the relevant literature, Figure 2 proposes a model of identity deviation in family firms during
8 shocks, describing the family business identity change process and its relation to strategy during Covid-19.

9
10
11 (Insert Figure 2 about here)

12 13 *Stage 1: Identity before Covid-19*

14 Our study proposes two types of family business identities that are variously dynamic and modifiable due to the competing
15 family and growth logic. First, a *consistent* and stable identity where the strategy and identity are meaningfully aligned
16 (Gioia et al., 2000). Second, an *inconsistent* identity due to strategic tensions leads to inconsistent interpretations of the
17 identity's meaning (Corley and Gioia, 2004).

18 For family firms with a *consistent identity*, the alignment of the strategy and identity persisted, as no significant
19 changes occurred in the recent family business history. Identity-stable family firms attached great importance to their
20 long-lasting history, highlighting the firm's longevity and stability.

21 In contrast, for family firms with an *inconsistent identity*, strategic tensions, meaning discrepancies between the values
22 at the base of the identity and goals pursued through a strategy, caused inconsistent interpretations of the identity meaning
23 (Smith and Besharov, 2019).

24 25 26 *Stage 2: First encounter*

27 As a reaction to the changing competitive situation caused by Covid-19, identity-consistent family firms persisted with
28 their identity despite temporal identity questioning arising from minor strategic tensions. Family firms with a previously
29 non-stable identity experienced both simultaneous stabilization and destabilization during the pandemic. In the following,
30 we discuss the factors that contributed to identity destabilization, and how the family business leaders reacted to their
31 identity change requirements.

32 *Competition.* Although they noticed the changes in competition, identity-stable firms adhered to their long-term
33 strategy. However, for previously identity-unstable family firms, the exogenous shock triggered strong strategic tensions
34 leading to identity reconstruction and strategy adaptation. The family businesses had to reconstruct their desired self-
35 definition of how they saw the business in the future and whether their current strategy matched the changing competitive
36 conditions. These inconsistencies between the current identity and how it should be in the future (Corley and Gioia, 2004)
37 intensified as the strategic change caused disparities between the firm's desired identity and the necessary strategic
38 changes (Ravasi and Schultz, 2006).

39 *Change in strategy.* The changing competitive environment resulted in three strategic choices strengthening the family
40 businesses' identity during Covid-19: retaining their current identity and strategy (Alpha, Epsilon, Delta – Proposition 1);
41 regressing to a previous identity and strategy (Gemma and Sigma – Proposition 2); strategic turnaround to establish a new
42 identity (Beta – Proposition 3).

43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61 *Retaining the original identity.* For identity-stable family firms, this *identity retention* with a focus on either growth
62 or family was enabled through self-legitimization, which consists of family business leaders reinterpreting the existing

1 identity and strategy, justifying its retention solely by emphasizing its positive impact on the business (He and Balmer,
2 2007). The family thus acted as a “keeper of the past” (Micelotta and Raynard, 2011, p. 204), allowing the family firm to
3 maintain continuity in the face of change (Maclean et al., 2018). Despite the changing conditions, such as growth
4 opportunities, family businesses with a consistent identity and strategy re-enforced their original strategy and identity.
5 For example, Delta retained its identity focused on growth, while Alpha’s interest is long-term survival with a focus on
6 family succession. As highlighted by Lumpkin and Brigham (2011), the long-term orientation of family firms represents
7 an overarching heuristic that provides a dominant rationale for decisions and actions. We theorize the impact of Covid-
8 19 as a type of exogenous shock, forcing SMEs to strategically respond (Shepherd and Williams, 2022). Although identity
9 enforcement. i.e., the preservation of a consistent sense of what the organization stood for and stands for, can result in
10 missed business opportunities, the elaboration or reformulation of prior claims can cause stability during times of change
11 (Cloutier and Ravasi, 2020; Harikkala-Laihinen, 2022). Thus, we propose:

12
13
14
15
16 **Proposition 1.** Faced with exogenous shocks, such as Covid-19, family firms with a consistent identity and strategy
17 remain focused on their pre-shock identity, either family or growth focused.

18
19
20 *Identity reconstruction with a focus on family.* In identity-inconsistent family firms, identity stabilization was achieved
21 through *identity reconstruction* focused on the entrepreneurial activities and values that were previously important to the
22 family. This reinterpretation of the identity through interpreting the past for the present led to building an identity inspired
23 by a previous identity (Schultz and Hernes, 2013) and the family firm’s history (Ge et al., 2022).

24 For example, Sigma secured an exclusive contract with a supplier during the pandemic, which freed the firm from its
25 financial worries and allowed concentrating on how the family wanted to be perceived, namely as a specialized small
26 family firm. Gemma merged with another family business to keep employees and continue doing what they do for
27 generations. We extend existing research (e.g. Schultz and Hernes, 2013; Ge et al., 2022) on the use of past influences on
28 the articulation of claims for a future identity, by highlighting that during shocks, through recalling strategy and business
29 practices from the past, family businesses find new strategic directions by orienting themselves towards a previous identity
30 (Micelotta and Raynard, 2011). Similarly to Bövers and Hoon (2021), we find that by “going back to the roots” the family
31 business reconstructs an identity that existed in the past, focused on the family and the distinctiveness of the business.
32 Thus, we propose:

33
34
35
36
37
38
39 **Proposition 2.** Faced with exogenous shocks, such as Covid-19, with a clear solution for financial difficulties and
40 competition, family firms with an ambiguous identity will resort to identity reconstruction with a focus on family.

41
42
43
44 *New identity formation.* We found this change predominantly in family firms⁴ that struggle between their perceptions
45 of “who we are as a family business” and competitiveness in a rapidly changing and reduced market during Covid-19. As
46 a result, they change their strategy to form a new identity that is opportunistic and focused on survival. For example, faced
47 with alarmingly shrinking market competitiveness, Beta undertook a strategic change by abandoning or “betraying”
48 (Phillips and Kim, 2009, p. 497) its family business identity, completely moving away from its family values during the
49 pandemic and towards growth-focused identity (Wiklund et al., 2003). This strategy ensured the firm’s survival but came

50
51
52
53
54
55 ⁴ With respect to proposition 3, we understand that to mitigate the potential risk of data shortage. We try to address this
56 by adding on an informal conversation with another family firm that is in a similar situation to Beta. From these informal
57 interviews we found confirmation that Covid-19 caused family firms without a clear solution for survival with an
58 inconsistent identity to resort to opportunistic behavior to form a new identity for survival, disregarding the original family
59 business values. Information about these interviews is available upon request. In addition, we conducted observations of
60 publicly available secondary data from newspapers, annual reports and websites to check whether the behavior proposed
61 in proposition 3 occurred in other family firms.

1 at the cost of losing its family business identity. As a result, the incumbent and successor both expressed an interest in
2 selling the business in the next five years. Although we did not observe the opposite, we theorize that this opportunistic
3 behavior that results in a new identity can evolve toward both a family and growth-focused strategic direction. According
4 to Davidsson (1989), the expectation of financial reward and greater independence (the prospect of a reduction in external
5 dependencies) are the greatest motivators to seek growth for SMEs. Over time, modifications to family businesses' meta-
6 identity in response to a changing environment allow for strategic flexibility, thus positively contributing to the long-term
7 survival of the family business (Reay, 2009). By disconnecting their identity from the past, family firms can establish a
8 new identity which is primarily focused on financial development (Micelotta and Raynard, 2011). Through this growth-
9 oriented identity, business objectives such as profit maximization and business growth provide the orientation for the new
10 strategy (Ponomareva et al., 2019). Thus, we propose:

11
12
13
14 **Proposition 3.** Faced with exogenous shocks, such as Covid-19, *without a clear solution for survival*, family firms
15 with an inconsistent identity will resort to opportunistic behavior to form a new identity for survival, disregarding the
16 original family business values.
17
18
19

20 *Stage 3: New normal*

21 The model emerging from our analysis points to three types of family business identities arising from an exogenous shock
22 – Covid-19.
23

24
25 First, *consolidated identity with a retained strategy*, whereby during a shock, family businesses strengthen their
26 understanding of “the central and enduring attributes of [their organization] that distinguish it from other organizations”
27 (Whetten, 2006, p. 220).
28

29
30 Second, *clarified identity with identity restoration and an adapted strategy*, which describes a family firm identity
31 that through the shock returned to a previous identity, anchoring elements of past identity claims in their strategic
32 orientation. Due to the shock and the resulting financial distress, these family businesses focus on a meta-identity based
33 on re-establishing a family atmosphere and preserving family values rather than pivoting their business for the sake of
34 profits.
35
36

37
38 Third, *clarified identity with new identity claims and a new strategy*, which emerges as competition forces the family
39 firm to professionalize, not based on a past identity but aimed at a complete reorientation of the family business. This
40 identity type comprises a reduced family presence in the business to ensure the firm's survival, pivoting the family values
41 toward a stronger focus on efficiency, professionalization, and either a merger, aggressive growth, downsizing, or
42 profound restructuring.
43
44

45
46 Joining a growing stream of research on the impact of exogenous shocks, especially the Covid-19 pandemic on family
47 businesses (e.g., Belitski et al., 2022; Hadjielias et al., 2022; Miroshnychenko et al., 2023), our research shows that an
48 exogenous shock provides the opportunity for family businesses with a clear or inconsistent identity to reflect on their
49 desired identity and re-focus their strategy. We thus demonstrate that successful identity management is not about
50 preserving a fixed identity but the ability to balance a flexible identity amid shifting external conditions (Gioia et al.,
51 2000). Further, we contradict the notion that family firms with a strong emphasis on the family logic may be less
52 entrepreneurial (Arzubiaga et al., 2018; Schepers et al., 2014). Rather we show that a clear focus on the family can serve
53 as a guideline during an exogenous shock.
54
55
56
57
58
59

60 *Strategy/identity dynamics during exogenous shocks*

1 The proposed identity change process model refines our understanding of organizational identity in family businesses
2 in the context of strategic deviations during exogenous shocks (Whetten et al., 2014). Through our model, we highlight
3 that surprisingly, exogenous shocks, which are typically always described as evil (e.g., Adian et al., 2020; Chowdhury,
4 2011), can also have positive effects on (family) businesses: Exogenous shocks can lead to stabilization and consolidation
5 of organizational identity. Our study also extends knowledge of family business identity/strategy dynamics through two
6 key theoretical contributions explaining how identity and strategy influence and rely on each other (He and Balmer, 2013).

7 First, our findings provide insights into the interplay of identity and strategy by depicting how diverse identity types
8 are affected by exogenous shocks (Kreiner et al., 2015). We reveal that exogenous shocks compel family businesses to
9 not only re-evaluate their environment (look out), but above all to re-evaluate their own identity and what they want to
10 stand for in view of the changing external conditions (look in).

11 In particular, our study suggests that a stable identity is not changed but strengthened by an exogenous shock, as the
12 strategy is retained, while an inconsistent identity is further destabilized as strategic changes are executed, and comparable
13 businesses deviate. To alleviate the identity inconsistency heightened by a shock, identity-inconsistent firms that are
14 focused on family affiliation reconstruct their identity by connecting their desired identity to a past identity, while family
15 businesses are forced to enhance their professionalization, adjust their identity, and abandon their family affiliation.
16 Consequently, the effects of a shock on identity depend on the firm's identity stability. The identity-reconstruction
17 response in turn depends on the prominence of the family identity in the family-business meta-identity.

18 By highlighting the drastic interplay between strategy and identity as a means of identity deviation (He and Balmer,
19 2013), this study closes the identified research gap in three ways: revealing how and under which conditions family
20 businesses' organizational identity shifts during exogenous shocks (De Massis and Rondi, 2020); responding to the call
21 of Ponomareva et al. (2019) to investigate what triggers firms to adopt a new identity; illustrating how diverse identity
22 types influence different strategic decisions (Ravasi et al., 2020).

33 *Family business identity heterogeneity*

34 Second, our research enriches the knowledge of family and business identity heterogeneity by providing evidence that
35 a growth-focused identity, similar to a financial identity (Ponomareva et al., 2019), emerges when survival with a family-
36 focused identity is no longer possible in view of price competition intensified by the pandemic. Consequently, our study
37 shows that a dynamic growth-oriented family-business identity fosters greater economic advantages in a highly
38 competitive or shrinking market environment, particularly effective in businesses at later stages of the family lifecycle
39 when intra-family success becomes less relevant (Ponomareva et al., 2019). This view on the heterogeneity of identity in
40 family businesses builds into an ongoing debate on the paradoxical tensions in family business goal systems (e.g. Barrett
41 and Moores, 2020; McAdam et al. 2020). We explain, facing the uncertainty of external challenges like Covid-19, the
42 competing family business goal systems face more challenges and provide an opportunity for family business owners to
43 refine and re-define the identity of the family businesses (Diaz- Moriana et al., 2022).

52 *Research limitations and Future Research Directions*

53 Our research ventures into the underinvestigated, socially complex field of organizational identity research. Despite
54 its exploratory nature, we note some limitations that also provide opportunities for future inquiry.

55 First, our research casts some light on understanding the strategic flexibility of family firms relating to the use of the
56 past (Bövers and Hoon, 2021; De Massis et al., 2016). However, due to the research focus and scope, we did not explore
57 this further.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65

Second, our sample size of six German “Mittelstand” cases could potentially limit generalizability. Companies in Germany received financial support from the state in the short term after the shock (Federal Government Germany, 2020), it can be assumed that family businesses in other countries faced different challenges and opportunities resulting from the exogenous shock. It would be interesting to see if family businesses in other countries have different strategy-identity dynamics.

Third, we explored a specific exogenous shock, Covid-19, for family business identity. However, family businesses have many competing goals and goal tensions during different times of stress/crisis both internal and external (see calls for SMEs’ response to unforeseen shocks, e.g., Fairlie et al., 2022; Zhang et al., 2022).

We propose further studies to explore from identity and use of past perspective, that past allows the family businesses the flexibility, especially in expressing their choice of strategic changes in identities, for family owners to manage and strategically position the business (Ge et al., 2022; Suddaby et al., 2020), to “address the trade-offs between continuity and change over time” (Sasaki et al., 2020, p. 619), and to adapt or shift competitive conditions during a shock matches existing identity claims (Ravasi and Schultz, 2006).

Another promising direction for future research refers to further unpacking how different dynamics and firm characteristics such as age on the identity and goal system of family firms (e.g. Barrett and Moores, 2020; McAdam et al. 2020). For example, considering the unique outcome of Beta, future research could utilize an in-depth single case study to understand unique (and counter-intuitive) cases of the interplay between the family business and strategic changes under exogenous shocks.

Future research could expand the cases to include family firms with internal changes, such as succession, during exogenous shocks to understand the succession and family business identity dynamics. Internal changes, such as succession, retirement, entry of family members, and procedural changes, such as selling parts of the firms, are all considered important drivers of identity ambiguity (Corley and Gioia, 2004). It would also be interesting to look at identity over a longer period of time (e.g. over several generations), since identity stability can only ever be achieved temporarily and is frequently up for redefinition and revision by the organization’s members (Gioia et al., 2000).

Also, to better understand the influence of shocks, we encourage future research to explore the impact of internal shocks, for example, the (sudden) death of a founder (Heinonen and Ljunggren, 2022; Vincent Ponroy et al., 2019) as well as external shocks, for example, war (Widmaier et al., 2007) or natural disasters (Auzzir et al., 2018; Salvato et al., 2020). Last, due to the qualitative nature of our study, we propose but do not test our three propositions. Hence, it would be interesting to conduct further quantitative research on a larger scale to test these propositions and thus contribute to fine-grained theory-building.

References

- Adian I, Doumbia, D, Gregory, N, Ragoussis, A, Reddy, A and Timmis, J (2020) Small and Medium Enterprises in the Pandemic: Impact, Responses and the Role of Development Finance. *The World Bank*.
<https://doi.org/10.1596/1813-9450-9414>.
- Albert S & Whetten D A (1985) Organizational identity. *Research in organizational behavior*.
- Anthony C and Tripsas M (2016) Organizational identity and innovation. *The Oxford Handbook of Organizational Identity* 1: 417–435.
- Ashforth BE (2020) Identity and identification during and after the pandemic: How might COVID-19 change the research questions we ask. *Journal of Management Studies* 57(8): 1763–1766. <https://doi.org/10.1111/joms.12629>

- 1 Arzubiaga U, Kotlar J, De Massis A, Maseda A, and Iturralde T (2018) Entrepreneurial orientation and innovation in
2 family SMEs: Unveiling the (actual) impact of the Board of Directors. *Journal of Business Venturing*, 33(4), 455-
3 469. <https://doi.org/10.1016/j.jbusvent.2018.03.002>
4
5 Audretsch D B and Lehmann E (2016) *The seven secrets of Germany: Economic resilience in an era of global*
6 *turbulence*. Oxford University Press.
7
8 Auzzir Z, Haigh R and Amaratunga D (2018) Impacts of disaster to SMEs in Malaysia. *Procedia engineering*, 212,
9 1131-1138. <https://doi.org/10.1016/j.proeng.2018.01.146>
10
11 Balmer JM (2008) Identity based views of the corporation: Insights from corporate identity, organizational identity,
12 social identity, visual identity, corporate brand identity and corporate image. *European Journal of Marketing*
13 42(9–10):879–906. <https://doi.org/10.1108/03090560810891055>
14
15 Balmer JM and Greyser SA (1995) *The 1st Strathclyde Statement*, available at [https://www.icig.org.uk/the-1st-](https://www.icig.org.uk/the-1st-strathclyde-statement)
16 [strathclyde-statement](https://www.icig.org.uk/the-1st-strathclyde-statement) (accessed 2 August 2021).
17
18 Balmer JM and Greyser SA (2002) Managing the multiple identities of the corporation. *California Management Review*
19 44(3): 72–86. <https://doi.org/10.2307/41166133>
20
21 Barrett M A and Moores K (2020) The what and how of Family business paradox: Literature-inspired distillations and
22 directions. *International Small Business Journal*, 38(3), 154-183. <https://doi.org/10.1177/0266242619892149>
23
24 Batjargal B, Jack S, Mickiewicz T, Stam E, Stam W and Wennberg K (2023) Crises, Covid-19, and Entrepreneurship.
25 *Entrepreneurship Theory and Practice*, <https://doi.org/10.1177/10422587221145676>
26
27 Belitski M, Guenther C, Kritikos A S, and Thurik R (2022) Economic effects of the COVID-19 pandemic on
28 entrepreneurship and small businesses. *Small Business Economics*, 58(2), 593-609.
29 <https://doi.org/10.1007/s11187-021-00544-y>
30
31 Berlemann M, Jahn V and Lehmann R (2021) Is the German Mittelstand more resistant to crises? *Small Business*
32 *Economics*. <https://doi.org/10.1007/s11187-021-00573-7>
33
34 Berrone P, Cruz C and Gomez-Mejia LR (2012) Socioemotional wealth in family firms: Theoretical dimensions,
35 assessment approaches, and agenda for future research. *Family Business Review* 25(3): 258–279.
36 <https://doi.org/10.1177/0894486511435355>
37
38 Berrone P, Cruz C, Gomez-Mejia L R and Larraza-Kintana M (2010). Socioemotional wealth and corporate responses
39 to institutional pressures: Do family-controlled firms pollute less?. *Administrative science quarterly*, 55(1), 82-
40 113. <https://doi.org/10.2189/asqu.2010.55.1.82>
41
42 Bettinelli C, Lissana E, Bergamaschi M, and De Massis A (2022) Identity in Family Firms: Toward an Integrative
43 Understanding. *Family Business Review*, 35(4), 383-414. <https://doi.org/10.1177/08944865221113675>
44
45 Block J H and Wagner M (2014) The effect of family ownership on different dimensions of corporate social
46 responsibility: Evidence from large US firms. *Business Strategy and the Environment*, 23(7), 475-492.
47 <https://doi.org/10.1002/bse.1798>
48
49 Boers B and Nordqvist M (2012) Understanding hybrid-identity organizations: The case of publicly listed family
50 businesses. In Carsrud AL and Brännback M (Eds) *Understanding Family Businesses: Undiscovered Approaches,*
51 *Unique Perspectives, and Neglected Topics* (pp. 251–269). New York, NY: Springer. [https://doi.org/10.1007/978-](https://doi.org/10.1007/978-1-4614-0911-3_15)
52 [1-4614-0911-3_15](https://doi.org/10.1007/978-1-4614-0911-3_15)
53
54 Bövers J and Hoon C (2021) Surviving disruptive change: The role of history in aligning strategy and identity in family
55 businesses. *Journal of Family Business Strategy*, 12(4), 100391. <https://doi.org/10.1016/j.jfbs.2020.100391>
56
57 Braun V and Clarke V (2006) Using thematic analysis in psychology. *Qualitative research in psychology*, 3(2), 77-101.
58 <https://doi.org/10.1191/1478088706qp063oa>
59
60 Cassell C, Cunliffe AL and Grandy G (Eds) (2017) *The SAGE Handbook of Qualitative Business and Management*
61 *Research Methods*. Sage.
62
63 Charmaz K and Henwood K (2017) Grounded theory methods for qualitative psychology. In Willig C and Rogers WS
64 (Eds) *The SAGE Handbook of Qualitative Research in Psychology* (238–256). Sage.
65

- 1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
- Chowdhury S R (2011) Impact of global crisis on small and medium enterprises. *Global Business Review*, 12(3), 377-399. <https://doi.org/10.1177/097215091101200303>
- Chrisman JJ, Chua JH and Litz R (2003) A unified systems perspective of family firm performance: An extension and integration. *Journal of Business Venturing* 18(4): 467–472. [https://doi.org/10.1016/S0883-9026\(03\)00055-7](https://doi.org/10.1016/S0883-9026(03)00055-7)
- Chrisman J J, Chua J H, De Massis A, Minola T and Vismara S (2016) Management processes and strategy execution in family firms: From “what” to “how”. *Small Business Economics*, 47, 719-734. <https://doi.org/10.1007/s11187-016-9772-3>.
- Chua J H, Chrisman J J and Sharma P (1999) Defining the family business by behavior. *Entrepreneurship theory and practice*, 23(4), 19-39. <https://doi.org/10.1177/104225879902300402>
- Cloutier C and Ravasi D (2020) Identity trajectories: Explaining long-term patterns of continuity and change in organizational identities. *Academy of Management Journal*, 63(4), 1196-1235. <https://doi.org/10.5465/amj.2017.1051>
- Conz E, Magnani G, Zucchella A and De Massis A (2023) Responding to unexpected crises: The roles of slack resources and entrepreneurial attitude to build resilience. *Small Business Economics*, 69, 957-981. <https://doi.org/10.1007/s11187-022-00718-2>
- Corley KG and Gioia DA (2004) Identity ambiguity and change in the wake of a corporate spin-off. *Administrative Science Quarterly* 49(2): 173–208. <https://doi.org/10.2307/4131471>
- Cornelissen JP, Haslam SA and Balmer JM (2007) Social identity, organizational identity and corporate identity: Towards an integrated understanding of processes, patternings and products. *British Journal of Management* 18: 1– 16. <https://doi.org/10.1111/j.1467-8551.2007.00522.x>
- Daft RL and Macintosh NB (1981) A tentative exploration into the amount and equivocality of information processing in organizational work units. *Administrative Science Quarterly* 26(2): 207–224. <https://doi.org/10.2307/2392469>
- Dalpiaz E, Tracey P and Phillips N (2014) Succession narratives in family business: The case of Alessi. *Entrepreneurship Theory and Practice* 38(6): 1375–1394. <https://doi.org/10.1111/etap.12129>
- Daspit JJ, Chrisman JJ, Ashton T and Evangelopoulos N (2021) Family firm heterogeneity: A definition, common themes, scholarly progress, and directions forward. *Family Business Review* 34(3): 296–322. <https://doi.org/10.1177/08944865211008350>
- Davidsson P (1989). Entrepreneurship—and after? A study of growth willingness in small firms. *Journal of business venturing*, 4(3), 211-226. [https://doi.org/10.1016/0883-9026\(89\)90022-0](https://doi.org/10.1016/0883-9026(89)90022-0)
- Dawson A and Hjorth D (2012) Advancing family business research through narrative analysis. *Family Business Review* 25(3): 339–355. <https://doi.org/10.1177/0894486511421487>
- De Fina A and Georgakopoulou A (Eds) (2015) *The Handbook of Narrative Analysis*. John Wiley & Sons. <https://doi.org/10.1002/9781118458204>
- De Massis A, Audretsch D, Uhlaner L, and Kammerlander N (2018). Innovation with Limited Resources: Management Lessons from the German Mittelstand. *Journal of Product Innovation Management*, 35(1), 125-146. <https://doi.org/10.1111/jpim.12373>
- De Massis A, Di Minin A, Marullo C, Rovelli P, Tensen R, Carbone A and Crupi A (2020) How the “EU Innovation Champions” successfully absorbed and reacted to the shock caused by the Covid-19 pandemic (No. 06/2020). *JRC Working Papers on Corporate R&D and Innovation* No 06/2020, European Commission, Seville, JRC121856. <https://ec.europa.eu/jrc/en/publication/eur-scientific-and-technical-research-reports/how-eu-innovation-champions-successfully-absorbed-and-reacted-shock-caused-covid-19-pandemic>
- De Massis A, Frattini F, Kotlar J, Petruzzelli A M and Wright M (2016) Innovation through tradition: Lessons from innovative family businesses and directions for future research. *Academy of Management Perspectives*, 30(1): 93-116. <https://doi.org/10.5465/amp.2015.0017>
- De Massis A and Kammerlander N (Eds) (2020) *Handbook of Qualitative Research Methods for Family Business*. Edward Elgar Publishing. <https://doi.org/10.4337/9781788116459>

- De Massis A and Kotlar J (2014) The case study method in family business research: Guidelines for qualitative scholarship. *Journal of Family Business Strategy* 5(1): 15–29. <https://doi.org/10.1016/j.jfbs.2014.01.007>
- 1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
- De Massis A and Rondi E (2020) Covid-19 and the future of family business research. *Journal of Management Studies* 57(8): 1727–1731. <https://doi.org/10.1111/joms.12632>
- Diaz- Moriana V, Clinton E and Kammerlander N. (2022) Untangling goal tensions in family firms: A sensemaking approach. *Journal of Management Studies*. <https://doi.org/10.1111/joms.12845>
- Dieleman, M., Koning, J. Articulating Values Through Identity Work: Advancing Family Business Ethics Research. *Journal of Business Ethics* 163, 675–687 (2020). <https://doi.org/10.1007/s10551-019-04380-9>
- Discua Cruz A, Hamilton E and Jack SL (2012) Understanding entrepreneurial cultures in family businesses: A study of family entrepreneurial teams in Honduras. *Journal of Family Business Strategy* 3(3): 147–161. <https://doi.org/10.1016/j.jfbs.2012.05.002>
- Doern R, Williams N and Vorley T (2019) Special issue on entrepreneurship and crises: business as usual? An introduction and review of the literature. *Entrepreneurship & Regional Development* 31(5–6): 400–412. <https://doi.org/10.1080/08985626.2018.1541590>
- Dörr J O, Licht G and Murmann S (2022) Small firms and the COVID-19 insolvency gap. *Small Business Economics*, 58(2), 887-917. <https://doi.org/10.1007/s11187-021-00514-4>
- Dutton JE and Dukerich JM (1991) Keeping an eye on the mirror: Image and identity in organizational adaptation. *Academy of Management Journal* 34(3): 517–554. <https://doi.org/10.2307/256405>
- Eggers F (2020) Masters of disasters? Challenges and opportunities for SMEs in times of crisis. *Journal of Business Research* 116: 199–208. DOI: 10.1016/j.jbusres.2020.05.025
- Eisenhardt KM (1989) Building theories from case study research. *Academy of Management Review* 14(4): 532–550. <https://doi.org/10.2307/258557>
- Eisenhardt KM (2021) What is the Eisenhardt method, really? *Strategic Organization* 19(1): 147–160. <https://doi.org/10.1177/1476127020982866>
- Eisenhardt KM and Graebner ME (2007) Theory building from cases: Opportunities and challenges. *Academy of Management Journal* 50(1): 25–32. <https://doi.org/10.5465/amj.2007.24160888>
- Eisenhardt K M, Graebner M E and Sonenshein S (2016) Grand challenges and inductive methods: Rigor without rigor mortis. *Academy of management journal*, 59(4), 1113-1123. <https://doi.org/10.5465/amj.2016.4004>
- European Commission (2021a) *Common European definition of a family business*. *Internal Market, Industry, Entrepreneurship and SMEs*, available at https://ec.europa.eu/growth/smes/supporting-entrepreneurship/family-business_en (accessed 5 August 2021).
- European Commission (2021b) *SME Definition*. *Internal Market, Industry, Entrepreneurship and SMEs*, available at https://ec.europa.eu/growth/smes/sme-definition_en (accessed 27 August 2021).
- Fairlie R, Fossen FM, Johnsen R and Droboniku G (2022) Were small businesses more likely to permanently close in the pandemic?. *Small Business Economics* 1-17. <https://doi.org/10.1007/s11187-022-00662-1>
- Federal Government Germany (2020) *Temporary support for small and medium businesses*, available at <https://www.bundesregierung.de/breg-en/news/ueberbrueckungshilfe-1760136> (accessed 8 January 2023).
- Federal Ministry of Finance (2022) *Coronavirus assistance programmes*, available at <https://www.bundesfinanzministerium.de/Web/EN/Issues/Priority-Issues/Corona/corona.html> (accessed 02.04.2022).
- Franch Parella J and Carmona Hernández G (2018) The German business model: The role of the Mittelstand. *Journal of Management Policies and Practices*, 6(1), 10-16. <https://doi.org/10.15640/jmpp.v6n1a3>
- Fusch P I and Ness L R (2015) Are we there yet? Data saturation in qualitative research. *The qualitative report*, 20(9), 1408. <https://doi.org/10.46743/2160-3715/2015.2281>

- 1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
- Ge B, De Massis A and Kotlar J (2022) Mining the past: History scripting strategies and competitive advantage in a family business. *Entrepreneurship Theory and Practice* 46(1): 223–251. <https://doi.org/10.1177/10422587211046547>
- Gioia DA, Corley KG & Hamilton AL (2013) Seeking qualitative rigor in inductive research: Notes on the Gioia methodology. *Organizational research methods*, 16(1), 15-31. <https://doi.org/10.1177/1094428112452151>
- Gioia DA, Price KN, Hamilton AL and Thomas JB (2010) Forging an identity: An insider-outsider study of processes involved in the formation of organizational identity. *Administrative Science Quarterly* 55(1): 1–46. <https://doi.org/10.2189/asqu.2010.55.1.1>
- Gioia DA, Schultz M and Corley KG (2000) Organizational identity, image, and adaptive instability. *Academy of Management Review* 25(1): 63–81. <https://doi.org/10.2307/259263>
- Glaser BG and Strauss AL (Eds) (2017) *The Discovery of Grounded Theory: Strategies for Qualitative Research*. Routledge. <https://doi.org/10.4324/9780203793206>
- Gómez-Mejía LR, Haynes KT, Núñez-Nickel M, Jacobson KJ and Moyano-Fuentes J (2007) Socioemotional wealth and business risks in family-controlled firms: Evidence from Spanish olive oil mills. *Administrative Science Quarterly* 52(1): 106–137. <https://doi.org/10.2189/asqu.52.1.106>
- Graddy-Reed A (2021) Decisions of firm risk and the role of organizational identity. *Small Business Economics* 57(1), 1-21. <https://doi.org/10.1007/s11187-019-00290-2>
- Grözinger, A. C., Wolff, S., Ruf, P. J., & Moog, P. (2022). The power of shared positivity: organizational psychological capital and firm performance during exogenous crises. *Small Business Economics*, 58(2), 689-716. <https://doi.org/10.1007/s11187-021-00506-4>
- Habbershon T G, Williams M and MacMillan I C (2003). A unified systems perspective of family firm performance. *Journal of business venturing*, 18(4), 451-465. [https://doi.org/10.1016/S0883-9026\(03\)00053-3](https://doi.org/10.1016/S0883-9026(03)00053-3)
- Hadjielias E, Christofi M, and Tarba S (2022) Contextualizing small business resilience during the COVID-19 pandemic: evidence from small business owner-managers. *Small Business Economics*, 1-30. <https://doi.org/10.1007/s11187-021-00588-0>
- Harikkala-Laihinen R (2022) Hooked on a feeling? An interpretive study of organizational identity (dis) continuity during strategic change programmes. *International Journal of Project Management*, 40(3), 262-277. <https://doi.org/10.1016/j.ijproman.2022.03.004>
- Harrison RT and Leitch CM (2019) The dynamics of identity, identity work and identity formation in the family business: Insights from identity process theory and transformative learning. In Memili E and Dibrell C (Eds) *The Palgrave Handbook of Heterogeneity among Family Firms* (pp. 673–713) Palgrave Macmillan, Cham. https://doi.org/10.1007/978-3-319-77676-7_25
- He HW and Balmer JM (2007) Perceived corporate identity/strategy dissonance: Triggers and managerial responses. *Journal of General Management* 33(1): 71–92. <https://doi.org/10.1177/030630700703300105>
- He HW and Balmer JM (2013) A grounded theory of the corporate identity and corporate strategy dynamic: A corporate marketing perspective. *European Journal of Marketing* 47(3/4): 401–430. <https://doi.org/10.1108/03090561311297391>
- Heinonen J and Ljunggren E (2022) It's not all about the money: Narratives on emotions after a sudden death in family businesses. *Journal of Small Business & Entrepreneurship*, 34(6), 661-683. <https://doi.org/10.1080/08276331.2020.1723351>
- Jaskiewicz P, Combs JG and Rau SB (2015) Entrepreneurial legacy: Toward a theory of how some family firms nurture transgenerational entrepreneurship. *Journal of Business Venturing* 30(1): 29–49. <https://doi.org/10.1016/j.jbusvent.2014.07.001>
- Jeyavelu S (2009) Organisational identity dissonance in organisational decline and turnaround. *Vision* 13(2): 33–45. <https://doi.org/10.1177/097226290901300204>
- Kärreman D and Rylander A (2008) Managing meaning through branding: The case of a consulting firm. *Organization Studies* 29(1): 103–125. <https://doi.org/10.1177/0170840607084573>

- 1 Kreiner GE, Hollensbe E, Sheep ML, Smith BR and Kataria N (2015) Elasticity and the dialectic tensions of
2 organizational identity: How can we hold together while we are pulling apart? *Academy of Management Journal*
3 58(4): 981–1011. <https://doi.org/10.5465/amj.2012.0462>
- 4 Larty J and Hamilton E (2011) Structural approaches to narrative analysis in entrepreneurship research: Exemplars from
5 two researchers. *International Small Business Journal* 29(3): 220–237. <https://doi.org/10.1177/0266242611401796>
- 6 Le Breton-Miller I and Miller D (2022) Family businesses under COVID-19: Inspiring models–Sometimes. *Journal of*
7 *Family Business Strategy*, 13(2). <https://doi.org/10.1016/j.jfbs.2021.100452>
- 8 Lumpkin G T and Brigham K H (2011) Long–term orientation and intertemporal choice in family firms.
9 *Entrepreneurship theory and practice*, 35(6), 1149–1169. <https://doi.org/10.1111/j.1540-6520.2011.00495.x>
- 10 Maclean M, Harvey C, Sillince J A and Golant B D (2018) Intertextuality, rhetorical history and the uses of the past in
11 organizational transition. *Organization Studies*, 39(12), 1733–1755. <https://doi.org/10.1177/0170840618789206>
- 12 McAdam M, Clinton, E, and Dibrell, C (2020). Navigation of the paradoxical landscape of the family business.
13 *International Small Business Journal*, 38(3), 139–153. <https://doi.org/10.1177/0266242619898610>
- 14 McCann, F, McGeever, N, and Yao, F (2023). SME viability in the COVID-19 recovery. *Small Business Economics*, 1-
15 22. <https://doi.org/10.1007/s11187-022-00723-5>
- 16 Melewar TC and Wooldridge AR (2001) The dynamics of corporate identity: a review of a process model. *Journal of*
17 *Communication Management* 5(4): 327–340. <https://doi.org/10.1108/13632540110806866>
- 18 Micelotta ER and Raynard M (2011) Concealing or revealing the family? Corporate brand identity strategies in family
19 firms. *Family Business Review* 24(3): 197–216. <https://doi.org/10.1177/0894486511407321>
- 20 Miklian J and Hoelscher K (2021) SMEs and exogenous shocks: A conceptual literature review and forward research
21 agenda. *International Small Business Journal* 40(2): 178–204. <https://doi.org/10.1177/02662426211050796>
- 22 Miroshnychenko I, Vocellelli G, De Massis A, Grassi S and Ravazzolo F (2023). The Covid-19 pandemic and family
23 business performance. *Small Business Economics: An Entrepreneurship Journal*, in press.
24 <https://doi.org/10.1007/s11187-023-00766-2>.
- 25 Nag R, Corley KG and Gioia DA (2007) The intersection of organizational identity, knowledge, and practice:
26 Attempting strategic change via knowledge grafting. *Academy of Management Journal* 50(4): 821–847.
27 <https://doi.org/10.5465/AMJ.2007.26279173>
- 28 Neubaum DO, Kammerlander N and Brigham KH (2019) Capturing family firm heterogeneity: How taxonomies and
29 typologies can help the field move forward. *Family Business Review* 32(2): 106–130.
30 <https://doi.org/10.1177/0894486519848512>
- 31 Nordqvist M, Hall A, and Melin L (2009) Qualitative research on family businesses: The relevance and usefulness of
32 the interpretive approach. *Journal of Management & Organization* 15(3) 294–308.
33 <https://doi.org/10.5172/jmo.2009.15.3.294>
- 34 Olson DH (2000) Circumplex model of marital and family systems. *Journal of Family Therapy* 22(2): 144–167.
35 <https://doi.org/10.1111/1467-6427.00144>
- 36 Pahnke A and Welter F (2019) The German mittelstand: Antithesis to silicon valley entrepreneurship?. *Small Business*
37 *Economics*, 52, 345–358. <https://doi.org/10.1007/s11187-018-0095-4>
- 38 Pahnke A, Welter F and Audretsch D B (2023) In the eye of the beholder? Differentiating between SMEs and
39 Mittelstand. *Small Business Economics*, 60(2), 729–743. <https://doi.org/10.1007/s11187-022-00612-x>
- 40 Parada MJ and Vilad s H (2010) Narratives: A powerful device for values transmission in family businesses. *Journal of*
41 *Organizational Change Management* 23(2): 166–172. <https://doi.org/10.1108/09534811011031346>
- 42 Pedauga L, S ez F and Delgado-M rquez B L (2022) Macroeconomic lockdown and SMEs: the impact of the COVID-
43 19 pandemic in Spain. *Small Business Economics* 58(2) 665–688. <https://doi.org/10.1007/s11187-021-00476-7>
- 44 P rez A and Del Bosque IR (2014) Organizational and corporate identity revisited: Toward a comprehensive
45 understanding of identity in business. *Corporate Reputation Review* 17(1): 3–27.
46 <https://doi.org/10.1057/crr.2013.22>

- Phillips DJ and Kim YK (2009) Why pseudonyms? Deception as identity preservation among jazz record companies, 1920–1929. *Organization Science* 20(3): 481–499. <https://doi.org/10.1287/orsc.1080.0371>
- 1 Ponomareva Y, Nordqvist M and Umans T (2019) Family firm identities and firm outcomes: A corporate governance
2 bundles perspective. In E Memili and C Dibrell (Eds) *The Palgrave Handbook of Heterogeneity among Family*
3 *Firms* (pp. 89–114). Palgrave Macmillan, Cham. https://doi.org/10.1007/978-3-319-77676-7_5
4
- 5 Pratt MG and Kraatz MS (2009) E pluribus unum: Multiple identities and the organizational self. In Roberts LM and
6 Dutton JE (Eds) *Exploring Positive Identities and Organizations: Building a Theoretical and Research*
7 *Foundation* (pp. 385–410). Routledge. <https://doi.org/10.4324/9780203879245>
8
- 9 Pratt MG, Schultz M, Ashforth BE and Ravasi D (Eds) (2016) *The Oxford Handbook of Organizational Identity*.
10 Oxford University Press.
11
- 12 Prüggl, R., & Spitzley, D. I. (2021). Responding to digital transformation by external corporate venturing: An
13 enterprising family identity and communication patterns perspective. *Journal of Management Studies*, 58(1), 135-
14 164. <https://doi.org/10.1111/joms.12578>
15
- 16 Rau SB, Schneider-Siebke V and Günther C (2019) Family firm values explaining family firm heterogeneity. *Family*
17 *Business Review* 32(2): 195–215. <https://doi.org/10.1177/0894486519846670>
18
- 19 Ravasi D and Schultz M (2006) Responding to organizational identity threats: Exploring the role of organizational
20 culture. *Academy of Management Journal* 49(3): 433–458. <https://doi.org/10.5465/AMJ.2006.21794663>
21
- 22 Ravasi D, Tripsas M and Langley A (2020) Exploring the strategy-identity nexus. *Strategic Organization* 18(1): 5–19.
23 <https://doi.org/10.1177/1476127019900022>
24
- 25 Reay T (2009) Family–business meta–identity, institutional pressures, and ability to respond to entrepreneurial
26 opportunities. *Entrepreneurship Theory and Practice* 33(6): 1265–1270. <https://doi.org/10.1111/j.1540-6520.2009.00345.x>
27
28
- 29 Rindova V, Dalpiaz E and Ravasi D (2011) A cultural quest: A study of organizational use of new cultural resources in
30 strategy formation. *Organization Science* 22(2): 413–431. <https://doi.org/10.1287/orsc.1100.0537>
31
- 32 Rodrigues S and Child J (2008) The development of corporate identity: A political perspective. *Journal of Management*
33 *Studies* 45(5): 885–911. <https://doi.org/10.1111/j.1467-6486.2007.00750.x>
34
- 35 Salvato C, Sargiacomo M, Amore MD and Minichilli A (2020) Natural disasters as a source of entrepreneurial
36 opportunity: Family business resilience after an earthquake. *Strategic Entrepreneurship Journal* 14(4): 594–615.
37 <https://doi.org/10.1002/sej.1368>
38
- 39 Sasaki I, Kotlar J, Ravasi D and Vaara E (2020) Dealing with revered past: Historical identity statements and strategic
40 change in Japanese family firms. *Strategic Management Journal* 41(3): 590–623. <https://doi.org/10.1002/smj.3065>
41
- 42 Schepers, J., Voordeckers, W., Steijvers, T., and Laveren, E. (2014). The entrepreneurial orientation–performance
43 relationship in private family firms: the moderating role of socioemotional wealth. *Small Business Economics*
44 43(1), 39-55. <https://doi.org/10.1007/s11187-013-9533-5>
45
- 46 Schultz M and Hernes T (2013) A temporal perspective on organizational identity. *Organization Science* 24(1): 1–21.
47 <https://doi.org/10.1287/orsc.1110.0731>
48
- 49 Shepherd D and Haynie JM (2009) Family business, identity conflict, and an expedited entrepreneurial process: A
50 process of resolving identity conflict. *Entrepreneurship Theory and Practice* 33(6): 1245–1264.
51 <https://doi.org/10.1111/j.1540-6520.2009.00344.x>
52
- 53 Shepherd D A and Williams T A (2022) Different response paths to organizational resilience. *Small Business*
54 *Economics*, 1-36. <https://doi.org/10.1007/s11187-022-00689-4>
55
- 56 Smith R (2018) Reading liminal and temporal dimensionality in the Baxter family ‘public-narrative’. *International*
57 *Small Business Journal* 36(1): 41–59. <https://doi.org/10.1177/0266242617698033>
58
- 59 Smith R and Anderson AR (2004) The devil is in the e-tale: form and structure in the entrepreneurial narrative. In
60 Hjorth D and Steyaert C (Eds) *Narrative and Discursive Approaches in Entrepreneurship: A Second Movements*
61
62
63
64
65

in *Entrepreneurship Book* (pp. 125–143). Cheltenham: Edward Elgar.
<https://doi.org/10.4337/9781845421472.00012>

- 1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
- Smith WK and Besharov ML (2019) Bowing before dual gods: How structured flexibility sustains organizational hybridity. *Administrative Science Quarterly* 64(1): 1–44. <https://doi.org/10.1177/0001839217750826>
- Smith C, Rondi E, De Massis A and Nordqvist M (2023). Rising every time fall: Organizational fortitude and response to adversities. *Journal of Management*, in press. DOI: 10.1177/01492063231164969.
- Soluk J and Kammerlander N (2021). Digital transformation in family-owned Mittelstand firms: A dynamic capabilities perspective. *European Journal of Information Systems*, 30(6), 676-711.
<https://doi.org/10.1080/0960085X.2020.1857666>
- Soluk J, Kammerlander N and De Massis A (2021) Exogenous shocks and the adaptive capacity of family firms: exploring behavioral changes and digital technologies in the COVID- 19 pandemic. *R&D Management* 51(4): 364–380. <https://doi.org/10.1111/radm.12471>
- Somers MR (1994) The narrative constitution of identity: A relational and network approach. *Theory and Society* 23(5): 605–649. <https://doi.org/10.1007/BF00992905>
- Stiftung Familienunternehmen (2022) *How family businesses make a contribution to society and the state*, available at <https://www.familienunternehmen.de/focus/the-economic-significance-of-family-businesses> (accessed 2 April 2022).
- Suddaby R, Coraiola D, Harvey C and Foster W (2020) History and the micro- foundations of dynamic capabilities. *Strategic Management Journal*, 41(3), 530-556. <https://doi.org/10.1002/smj.3058>
- Sundaramurthy C and Kreiner GE (2008) Governing by managing identity boundaries: The case of family businesses. *Entrepreneurship. Theory and Practice* 32(3): 415–436. <https://doi.org/10.1111/j.1540-6520.2008.00234.x>
- Symon G and Cassell C (Eds) (2017) *Qualitative Organizational Research: Core Methods and Current Challenges*. Sage. <https://dx.doi.org/10.4135/9781526435620>
- Van Knippenberg D, Van Knippenberg B, Monden L and de Lima F (2002) Organizational identification after a merger: A social identity perspective. *British Journal of Social Psychology* 41(2): 233–252.
<https://doi.org/10.1348/014466602760060228>
- Vincent Ponroy, J., Lê, P., & Pradies, C. (2019). In a family way? A model of family firm identity maintenance by non-family members. *Organization Studies*, 40(6), 859-886. <https://doi.org/10.1177/0170840619836707>
- Weigert AJ and Hastings R (1977) Identity loss, family, and social change. *American Journal of Sociology* 82(6): 1171–1185. <https://doi.org/10.1086/226462>
- Whetten DA, Foreman P and Dyer WG (2014) Organizational identity and family business. In Melin L, Nordqvist M and Sharma P (Eds) *The SAGE Handbook of Family Business* (pp. 480–497). Sage.
<https://doi.org/10.4135/9781446247556.n24>
- Whetten DA and Mackey A (2002) A social actor conception of organizational identity and its implications for the study of organizational reputation. *Business & Society* 41(4): 393–414.
<https://doi.org/10.1177/0007650302238775>
- Widmaier W W, Blyth M and Seabrooke L (2007) Exogenous shocks or endogenous constructions? The meanings of wars and crises. *International studies quarterly*, 51(4), 747-759. <https://doi.org/10.1111/j.1468-2478.2007.00474.x>
- Wiklund J, Davidsson P, and Delmar F (2003) What do they think and feel about growth? An expectancy–value approach to small business managers’ attitudes toward growth. *Entrepreneurship theory and practice*, 27(3), 247-270. <https://doi.org/10.1111/1540-8520.t01-1-00003>
- Yin R K (2009) *Case study research: Design and methods* (Vol. 5). Sage.
- Zhang T, Gerlowski D, and Acs Z (2022) Working from home: small business performance and the COVID-19 pandemic. *Small business economics*, 58(2), 611-636. <https://doi.org/10.1007/s11187-021-00493-6>
- Zellweger TM and Dehlen T (2012) Value is in the eye of the owner: Affect infusion and socioemotional wealth among family firm owners. *Family Business Review* 25(3): 280–297. <https://doi.org/10.1177/0894486511416648>

Zellweger TM, Eddleston KA and Kellermanns FW (2010) Exploring the concept of familiness: Introducing family firm identity. *Journal of Family Business Strategy* 1(1): 54–63. <https://doi.org/10.1016/j.jfbs.2009.12.003>

Zellweger TM, Nason RS, Nordqvist M and Brush CG (2013) Why do family firms strive for nonfinancial goals? An organizational identity perspective. *Entrepreneurship Theory and Practice* 37(2): 229–248. <https://doi.org/10.1111/j.1540-6520.2011.00466.x>

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65

[Click here to view linked References](#)

SUPPLEMENTARY DOCUMENT to the paper titled “Look in to Look out: Strategy and Family Business Identity during Covid-19”

Representative Supporting Data for each 2nd Order Theme

Table S1 Representative data for each 2nd Order Theme

2nd Order Themes	Representative 1st Order Data
Family takes priority	<p>“We're a bit like a little family”</p> <p>“We stand for family. We stand for knowing our employees”</p> <p>“We don't want to achieve success at all costs or by all means”</p> <p>“The more a company grows, the more it loses this cohesion, this clarity, this closeness and the whole personal thing. [...] and that's why we're consciously keeping the company relatively small”</p> <p>"We don't want to become a big company where the right hand doesn't know what the left hand is doing”</p> <p>“We give the employees the message that you are a family for us in a certain way, we are a team and we are part of the team and that also means that we all have to pull together”</p> <p>“it's kind of like a second family”</p> <p>“[Our] great grandfather has established the firm, handed it over to our grandfather, then to our father and now it is in the hands of [my brother] and me. Of course, we hope that one of our children will take over the business. [...] The business has fed the family for so many years, so of course we want it to stay that way”</p> <p>“I would be very happy if he would take over what my ancestors and I have developed over years”</p> <p>“Employees now also belong to a big family.”</p> <p>“For over 100 years, it has been part of our family business’s DNA to always make the best out of every situation.”</p>
Growth takes priority	<p>“It is important to us that the [family-extern] person understands the philosophy of the family business and also acts in this sense. If the person lives this, then it is certainly not an issue and then there are certainly qualified and suitable company leaders.”</p> <p>“It is also important to the [Delta] family that their assets are increased and that their life's work is also increased in a certain way.”</p>

	<p>“The family is no longer very involved in the company and Mr [Delta] also lives in Munich, I don't think there is that much overlap.”</p>
Changes in competition	<p>“We are operating in a market that is driven by prices and who can provide the best service for the best price. And in this market, we are on the smaller and of freight forwarders, so we're among the smallest competitors. And what we've seen over the years is that more and more firms grew in size and/or merged with other firms. So, we were one of the few of our size and therefore not competitive enough anymore and we had to think about how we could change up our structures, what we offer and everything”</p> <p>“There are many more large haulage companies on the market than back then.”</p> <p>“We actually operate in a market where you can only survive through size, in that we are one of the few small DIY stores, especially here in the [XXX] area, where there are many DIY store chains and also building materials retailers that are simply bigger than us.”</p> <p>“We are in competition with these very big ones, these DHL and what they are all called, who have large fleets. because we, for the size that our company has, we actually have very large customers.”</p>
Lack of strategic direction	<p>“We are too small for one thing and too big for another.”</p> <p>“Today it's all about tenders and much more about money than about personal contacts than in the time of my grandparents, my grandfather and my uncle.”</p> <p>“of course, it was difficult for us at that moment. We had to reposition ourselves first”</p> <p>“We had to rethink, "okay, who are we now?"”</p> <p>“We had a bit of financial difficulties in the time before the merger and before the pandemic and it was clear to us that we had to change, we had to find a solution”</p>
Threats to business survival	<p>“there's just not enough business and it wouldn't make sense for me to start full time”</p> <p>“The Corona crisis is forcing many small and medium-sized winegrowers and suppliers to join larger communities after years of price wars.”</p> <p>“In view of the shrinking revenues it is very unlikely that I will continue the business. But never say never. Maybe a family-extern person can do it”</p>
Needs to change and adapt	<p>“We will have to adapt our operations and rethink existing processes. We will have to clarify individual personnel issues and also the question of what role we play in this network.”</p> <p>“So, I mean this crisis was completely different to any crisis before and we can't just apply the concepts that our predecessors have used. So, what we did in this crisis was we involved our employees a lot more than usual. We talk to them a lot more. We implemented an even more open communication, and I think that was good. Because we have to be transparent, and we have to involve our employees.”</p>

	<p>“We need to professionalise; we need to maybe shift away from some products because we are not competitive enough anymore”</p> <p>“The financial pressure is also increasing on wineries and wine suppliers. Price pressure and supply bottlenecks are leading to increasing insolvencies, especially among small wineries and wine suppliers. To escape this, more and more suppliers are retraining in other areas, such as floriculture, agriculture or the timber trade.”</p>
<p>Identity retention with a focus on family or growth</p>	<p>“We are able to continuously serve our customers keeping our sustainability DNA alive”</p> <p>“We wanted to show the employees that the workplace is safe. That we also say to the customers "We can continue to be there for you. We can continue to take care of you". But openness also in the sense that we tell the employees that if you have suggestions for change, always bring them to us, if you would like to address something now”</p> <p>“We showed stability, we proved that we stand by our promises, that we want to keep the staff, that we want to maintain the contracts. But on the other hand, we also said we wouldn't stick to something that doesn't work at any price”</p> <p>“You simply make your decisions transparent, and that brings us back to the point of being personally liable for things or taking personal responsibility for things, and that only works if you are transparent and give reasons for your decisions”</p> <p>“You justify your decision and not that you leave the staff standing there and they are then unsure and ask themselves "what will happen next? But that everything is really addressed proactively”</p> <p>“[T]he employees understood relatively early on that we take responsibility. We have built up reserves, we are also prepared to accept losses in the short term, and I think the employees and the suppliers we have understood that the long term is important to us. Sustainability is also something that we try to convey in our products, and we also try to convey this with our decisions, that we don't make short-term decisions.”</p> <p>“What we also did more of was to send updates to our staff by e-mail, because we also wanted to show our staff what we care about them. [...] it was also important to me to show presence and to show that we won't leave you alone on the sinking ship. I mean, the ship wasn't sinking, but it was important to show that we were in this together and that we could manage it together.”</p> <p>“As I said, it was very important to signal that we can do it together. That we are prepared to do things that we were perhaps not prepared to do before, that we are interested in long-term relationships, that is, that we will not leave our suppliers hanging or our customers hanging, but that we will stick to what we have negotiated with them.”</p> <p>“It's super important that the boss stands up in front of the employees and says "Guys, we have to do this together" and now, especially in times of Corona, we stood up, that is, my wife and I, and said that we have to do this together and that means that everyone contributes equally. And I think it's better if you put yourself out there instead of just letting your authorised signatory or something like that mediate. If the authorised signatory says "Yes, the boss said this and that", it looks as if you are not facing up to your responsibility. Having employees</p>

	<p>means getting praise in good times but also criticism in bad times. And I think it's super important, and it was also super important to my father, to take personal responsibility.”</p> <p>“But you can't really follow approaches from the past in this day and age, because things have changed too much and so much speed has come in.”</p> <p>“Times were different back then, so my father's father did completely different things than we do now, and that is also important to develop further.”</p> <p>“It's important to change, because in the end, if we continue to do what nobody wants, then we won't think about it and that won't help the family either. It doesn't help the employees, it doesn't help the suppliers and it doesn't help the customers. And I think that's why it's also important to see that we have to change, that we want to change.”</p> <p>“I think that's something they need experience from the past, ideally experience they've gained themselves, but the recipes of the previous ones are of little help. Their framework conditions were different, they had a different education, they had a different career. They grew up differently in the company.”</p> <p>“The methods that may have been valid 10 years ago and 5 years ago are no longer valid today. It's like a medicine that eventually loses its effect.”</p>
<p>Identity reconstruction with a focus on family</p>	<p>“It was important to me that the employees know that it's not always about making a profit.”</p> <p>“We also know what we have in our employees and then we just thought we'd bite the bullet now, maybe risk making a little loss.”</p> <p>“We have made it much clearer that we stand for quality and service and then we have made it much clearer that we are a training company and that is perhaps a bit more important to us - to emphasise once again that "We are a family business and we stand for thinking in the long term - we don't stand for cheap, cheap, but we stand for quality, we stand for the fact that the heating system we install or the bathroom we install will last in the long term and won't break down again after five years.”</p> <p>“We wanted to maintain control over the processes, over the customer dealings, over the employees. So, for us it was highly important that everything remains the same.”</p> <p>“We pay [holiday payment] out anyway, in full, and thus thank them for their cooperation during the Corona period and now also because so many overtime hours have accrued due to the merger with [a medium-sized transport company]. That was out of the question for us because our greatest asset is simply our employees, that has always been true.”</p> <p>“I think we see ourselves more clearly now. Smaller. More focused. I was very nervous that we were making all the changes and then the pandemic came. But we know what we want now and that's good. Of course it was a painful process, but we know now that we can't serve all customers and that we need a good balance between focus and product breadth.”</p>

	<p>“We are still a family business, but consisting of 2 family businesses, so to speak.”</p> <p>“We don't want to leave people out in the cold and say "ok, that's just the way it is". And I think that's what distinguishes us from the big forwarding companies.”</p>
<p>Identity reconstruction with a focus on growth</p>	<p>“If the family does not have the competences, you have to get good people from outside to shape the company with them.”</p> <p>“We are now perceived differently by external parties, because we are much bigger now, because we have many more employees, because we have a completely different scale now. [But] nothing has really changed internally, that is, nothing has changed for the employees. And I would say, perhaps, that more has changed externally than internally”</p> <p>“We are growing: as part of the [XXX] Group, our product range has continued to grow - so we can fulfil any, really any wish. That's a promise! Homeowners appreciate, among other things, our large exhibition for floors and doors. Because for your own four walls in particular, it's important to see and also feel materials - so that your enjoyment of them lasts for decades. Our expert staff listens carefully and has many tips for the implementation of personal living ideas. As a service, we also arrange installation companies that we can recommend on the basis of years of cooperation.”</p>
<p>Consolidated identity</p>	<p>“I think that it is positive for us to have this close contact with the employees, and also with the suppliers, because you have already said, clearly less opportunism, less short-term action and that you stay with a supplier or a customer even in bad times”</p> <p>“[Alpha] strengthens its partnership with [partner company]. Alpha) and [partner company] have been working together for years, and now it's official: the two medium-sized companies are cooperating to offer their employees a wider range of education, training and career support.”</p> <p>“With this question "what do we stand for?", we also very quickly clarified that we stand for family. We stand for knowing our employees. We stand for knowing our suppliers and our customers, not for making a profit by hook or by crook. [...] We are not about selling as much as possible, we are about selling with a sustainable mindset”</p> <p>“The more a company grows, the more it loses this cohesion, this clarity, this closeness and the whole personal thing. [...] and that's why we're consciously keeping the company relatively small”</p> <p>“[Alpha] strengthens its partnership with [partner company]. Alpha and [partner company] have been working together for years, and now it's official: the two medium-sized companies are cooperating to offer their employees a wider range of education, training and career support”</p> <p>“We already know quite well who we are and where we want to go. and I rather think that this crisis has strengthened us in that respect. So, we knew in the past what we wanted, [...] and] the crisis has made us stronger rather than really damaging us. [...] we stand for thinking in the long term and for supporting each other, [...] and that has not changed Corona per se”</p>

	<p>“There was a gap in the market and this gap is perfectly tailored to us in the sense that we already offer these services. [Therefore] we joined forces with the company and negotiated whether it was possible to take over 15% of the employees”</p> <p>“[Delta] is hiring: The civil engineering and road construction specialist is hiring 12 apprentices this apprenticeship year and taking on 9 from the previous year. [...] This means that the construction company based in [XXX] has recorded the largest growth in 20 years.”</p> <p>“We are a modern construction company with a focus on road construction and civil engineering. We have about 60 employees in Hesse and Thuringia. For our location in [...] we are looking for you to expand our team.”</p>
Clarified Identity	<p>“But the things that have to do with real people make me happy”</p> <p>“Remain[ing] true to our values” and “remain[ing] the small family business that we are now”</p> <p>“We realised relatively quickly that we could actually make more turnover, that there was more demand, and we actually decided not to grow, even though we had this opportunity to grow”</p> <p>“Corona was like a special boom. Our sales have gone up steeply. We are one of the beneficiaries of the crisis”</p> <p>“What I actually want, why I'm sitting here”</p> <p>“Corona has definitely shown us is that we now have to think about what we want in the long term. And by professionalisation I simply mean that we either have to become big now - we now either have to produce in large quantities and look for larger customers or reduce the company bit by bit”</p> <p>“Through our merger we have not only gained a large customer base, but we are also able to specialize in our true specialty - the transportation of special cargo such as motorcycles”</p> <p>“Acquisition into the [XXX] Group: [Gamma] is back on track for success. By integrating [Gamma] into the [XXX] Group, the family-owned company has secured a partner of equal standing and strategic importance. [...] The aim of the merger was for the forwarding company rooted in [xxx] to focus more on the transport of motorcycles and special logistics.”</p> <p>“A community of 15 companies in the wine industry submits a statement to the ministry of agriculture in Mainz to fight for a fair distribution of water in the Rhine-Main area. "The last few years have been extremely hard for us. First came Corona, then the supply chain problems and now our region is running out of water. We simply can't survive like this. we've already done a lot to reduce our costs, but that's as far as it goes. If it goes on like this, 2/3 of all medium-sized winegrowers here in [location] will have to close down - including us." says [Beta].”</p> <p>“We still want to maintain the good relationship with our customers and with the local area and with our employees, but I think his goal was to make structures clearer, make the firm more efficient and therefore also drive profit. Because we're such a niche market and we've got such low demand that what we do has to be really efficient and really cost-efficient. Because at the end our customers are international, and they</p>

	don't care about how we treat our employees or which nice things we do for our local communities. But at the end customers only care about costs"
--	---

Table 1. Case descriptions.

	Alpha	Beta	Gamma	Delta	Epsilon	Sigma
Business type	Homeware Trading	Manufacturing	Specialty Logistics	Construction	Heating & Plumbing	Building & Consulting
Founding date	1902	1903	1962	1903	1906	1929
Generation	4th	4th	3rd	4th	4th	4th
No. employees	48	15	47	50	24	38
Revenue in 2019	Approx. €10m	Approx. €4m	Approx. €6m	Approx. €10m	Approx. €5m	Approx. 10m
Family ownership	100%	100%	40%*	100%	100%	100%
Interviewees	Family CEO (3), Former family CEO (1), Family CIO (1)	Family CEO (3), Family CIO (1)	Family CEO (3), Family Head of Sales (2) Family HR Manager (1)	Family CEO (3), Non-family managing director (1)	Family CEO (3), Non-family Managing Director (1). Family Head of HR (1)	Family CEO (3) Family Head of Sales (1)
Interviews (no.)	5	4	6	4	6	4
Interview duration	191min	178min	213min	205min	240min	165min
Pages**	83	79	96	89	100	59
Total	1192 (minutes) 506 (pages)					

*60% of the firm was sold to a family-owned partner during the pandemic.

** Calibri 12; line spacing 1.5; 2.5 cm space on all sides. Every time there was a long pause, we inserted [...].

Every time there was a change of topic, we inserted a paragraph.

Table 2. Data Sources.

Data source	Number of items	Use in the analysis
Round One: May-June		
Secondary Data		
Annual reports and corporate documents	6	Drawing a picture of the company, its financial situation, its history and the strategic milestones of the last years
Corporate websites	9	Understand how the family business describes itself

Internal archival items (New year's/Christmas mails)	7	Analyze how the family business describes itself, understand the reasoning behind strategic moves during the pandemic
Primary Data		
Interviews	15	Understand the perceived identity of the family business, construct a timeline of key strategic reactions to the pandemic
Round Two: July-August		
Secondary Data		
Corporate websites of competitors, partners, trade unions and associations	13	Understand how the market responded to the exogenous shock and how the crisis is described
Archival items send to customers and partners (emails, newsletters)	6	Examine how the family explained strategic decisions to customers and partners
Online articles published in newspapers	3	Investigate how strategic moves during the pandemic are perceived by local media
Emails with family firm owners	9	Mail request to family business owners to describe the situation of their business after the exogenous shock
Primary Data		
Interviews	8	Deepen the understanding of the perceived identity, examine in more depth the strategic decisions
Validation:		
Primary Data		
Interviews with family CEOs	6	It was validated whether and how the identity and strategic response to the shock has changed since the last round of interviews
Emails with family CEOs	6	The information collected was presented to the owning family via email and validated by them

Figure 1. Data Structure

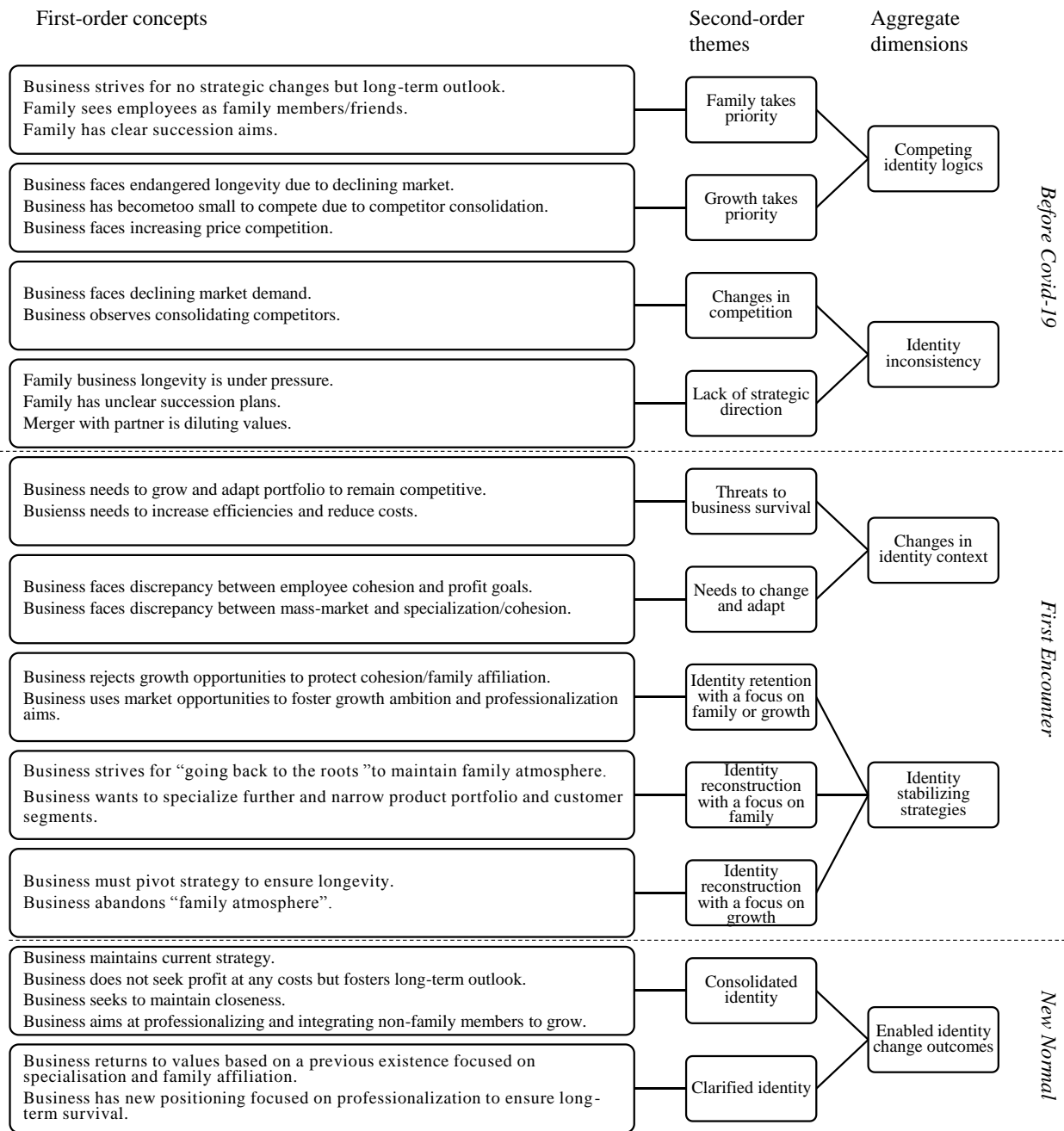
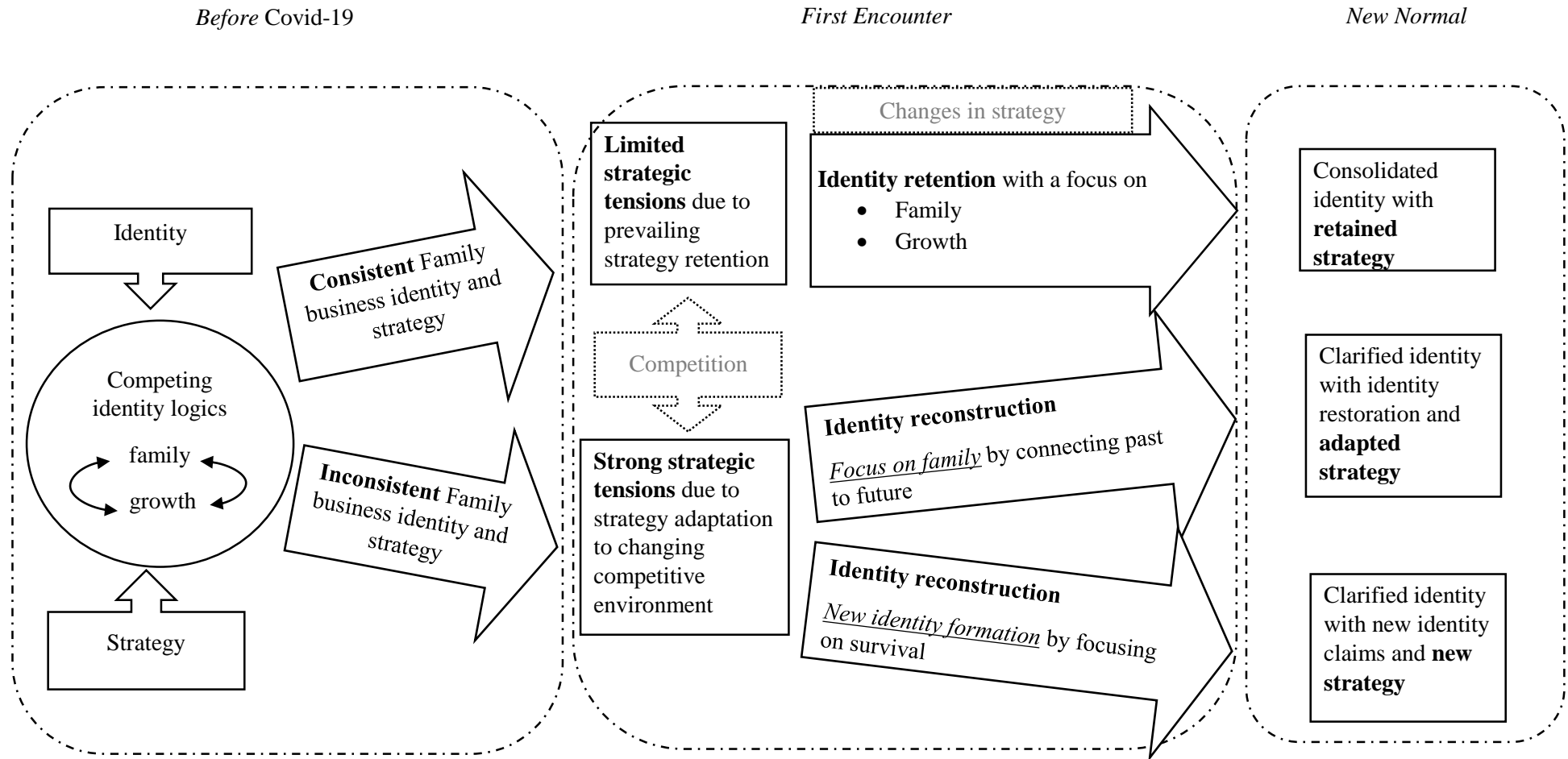


Figure 2. Process model of identity change in family firms during exogenous shocks



Thanks for conditionally accepting our paper. We have addressed the remaining point, added a title to the Plain English Summary and resubmitted.

Many thanks for your guidance throughout the process.

Best wishes,

The Authors