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Pitching a business idea to investors: How new venture founders use micro-level rhetoric to achieve narrative plausibility and resonance

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Abstract

For entrepreneurial narratives to be effective, they need to be judged as plausible and have to resonate with an audience. Prior research has, however, not examined or explained how entrepreneurs try to meet these criteria. In this article, we addressed this question by analysing the micro-level arguments underpinning the pitch narratives of entrepreneurs who joined a business incubator. We discerned four previously unidentified rhetorical strategies that these entrepreneurs used to achieve narrative plausibility and resonance. Our findings further suggest that temporality and product development status may shape how entrepreneurs use these strategies. By outlining these aspects of entrepreneurial rhetoric, we contribute to opening up the black box of narrative resonance and plausibility and advance work on the role of rhetoric in entrepreneurship.

Keywords

argumentation, entrepreneurial narratives, investment opportunity, new venture, pitch, plausibility, resonance, resource acquisition, rhetoric

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Introduction

Following the linguistic turn in management studies and social sciences, entrepreneurship scholars have increasingly adopted linguistic, particularly narrative, methods (Hjorth and Steyaert, 2004; Larty and Hamilton, 2011; Martens et al., 2007). Narrative studies of entrepreneurship are characterised by a plethora of topics and approaches (Larty and Hamilton, 2011); they share ‘a focus on texts, rather than on specific theories or methodologies’ (Gartner, 2010: 12). Among other things, these studies examined how entrepreneurs are portrayed in society (Anderson and Warren, 2011; Diaz Garcia and Welter, 2011; Hamilton, 2006; Nicholson and Anderson, 2005; Pettersson, 2004), as well as how they learn (Rae, 2005), construct an entrepreneurial identity (Foss, 2004; Johansson, 2004; Jones et al., 2008; Mills and Pawson, 2011) and build legitimacy and acquire resources (Navis and Glynn, 2011; O’Connor, 2002). The focus of this article lies on the latter topic: the narratives new venture founders construct when trying to obtain an investment.

New venture founders are operating on the boundary of what is real and what is yet to happen (Anderson, 2005). These entrepreneurs therefore, typically lack a convincing track record or any other demonstrable evidence on the viability of their ventures (Clarke, 2011; Johansson, 2004; Lounsbury and Glynn, 2001) – the type of data investors would normally use to assess investment opportunities (Higgins and Gulati, 2006; Stuart et al., 1999). Yet, they are highly dependent on these stakeholders ‘believing and “buying in” by investing money and/or other resources’ (O’Connor, 2004: 105). Being able to tell compelling stories therefore, becomes a crucial skill (Johansson, 2004; Larty and Hamilton, 2010).

Compelling narratives have two factors in common: verisimilitude, which is defined as a narrative’s ‘perceived plausibility or acceptability as an interpretation of events’ (Bartel and Garud, 2009: 111), and fidelity – a narrative’s ‘resonance with the beliefs of the target audiences’ (Lounsbury and Glynn, 2001: 553). Existing work on narratives mostly takes stock of these criteria *ex post*, and thus does not explain in detail how storytellers achieve narrative plausibility and resonance. We address this open question in the literature by taking a micro-level rhetorical approach to narrative analysis derived from theories on argumentation (Perelman, 2008; Toulmin, 1994; Van Eemeren et al., 2014). We adopted this perspective because scholars of argumentation, contrary to narrative researchers, have elaborated how speakers can achieve plausibility and resonance; as such, arguments can enhance plausibility by serving as ‘backing moves’ to support the story thesis beyond dispute or refutation’ (Carranza, 1999: 514), and contribute to narrative resonance ‘by drawing on [the audience’s] cultural beliefs and attitudes’ (Hartelius and Browning, 2008: 24).

We analysed 10 pitch narratives by entrepreneurs who participated in AMcubator,¹ an Amsterdam-based business incubator. Our findings reveal that new venture founders use four micro-level rhetorical strategies to make it more likely that their narratives are seen as plausible and resonant: (1) using enthymemes when discussing the venture’s future, (2) ‘talking as if’ the venture’s future product or performance is the present, (3) making explicit claims about the present state of product and market, and (4) supporting claims through arguments based on historical and current data. We further found that, in terms of these four strategies, the narratives constructed by entrepreneurs who had launched their product before or during the incubation programme differed from the pitches by entrepreneurs who were still preparing for launch when it ended.

By specifying the micro-level rhetorical strategies that entrepreneurs use in their pitches, we open the black box of narrative plausibility and resonance. Hence, we contribute to narrative research in entrepreneurship (Lounsbury and Glynn, 2001; Martens et al., 2007; Navis and Glynn, 2011), which to date has not unpacked these notions. Our findings also extend the scant literature on rhetoric in entrepreneurship (Holt and Macpherson, 2010; Van Werven et al., 2015) by expanding the analytical toolkit available for future research. We specifically highlight the role of

enthymemes – arguments where the conclusion is suggested rather than stated explicitly – and the role of ‘talking as if’ claims in achieving narrative resonance and plausibility.

Theoretical framework

Narrative studies of entrepreneurial resource acquisition

Most narratives establish a valued endpoint or goal, specify events that are relevant to the endpoint, link those events in a temporal sequence, introduce characters and are narrated by an identifiable voice (Cunliffe et al., 2004; Gergen, 2005; Pentland, 1999). The narratives new venture founders use when trying to obtain an investment are no different: they typically feature the entrepreneur or the new venture as the protagonist, operating in a certain corporate or societal environment, and attempting to overcome obstacles in order to realise an ultimate object or goal, for example, acquiring funding (Lounsbury and Glynn, 2001). Previous research has argued that adopting this structure benefits entrepreneurs in the process of acquiring resources (Ruebottom, 2013) because it is a means of packaging information about a new venture in a simpler and more meaningful whole (Martens et al., 2007), thereby reducing uncertainty (Lounsbury and Glynn, 2001; Pollack et al., 2012).

Another defining characteristic of narratives is that they are an implicit means of conveying a message to an audience (Sillince, 1999). This has two distinct advantages for entrepreneurs looking to acquire resources for a new venture. First, it encourages the audience to try and fill in the gaps between the lines (Boje, 1991), thereby turning it into an active participant in the story and increasing the likelihood that it will accept the implied conclusion as their own (Bartel and Garud, 2009). Second, implicitly communicating a message through narrative allows entrepreneurs to talk to investors without explicitly having to provide proof (see Czarniawska, 1995). This is not only helpful because entrepreneurs might lack demonstrable evidence (Clarke, 2011; Johansson, 2004; Lounsbury and Glynn, 2001); it also means that narratives contain less information that can be scrutinised. Explicit statements, on the other hand, tend to trigger an audience to find faults (Martens et al., 2007), which in turn makes it more likely that investors become sceptical (Anderson, 2005) and decide not to invest (Parhankangas and Ehrlich, 2014).

In their narratives, entrepreneurs often pretend to know how the future of their venture will unfold (Barry and Elmes, 1997; Beckert, 2013), despite new ventures being ‘elaborate fictions of proposed possible future states of existence’ (Gartner et al., 1992: 17). Hence, narratives about new ventures are fictional – not because they are false or deceptive, but because they concern the unknowable future of new ventures (Navis and Glynn, 2011). The fictional nature of entrepreneurial narratives, however, does not mean that ‘truth conditions cannot be established’ (Gergen, 2005: 7); ‘stories [...] should not be seen as automatically dissolving “facts”’ (Gabriel, 2000: 5). Indeed, entrepreneurs often present past or current developments as the factual basis for talking about the future of a new venture (Manning and Bejarano, 2017). Like all storytellers, entrepreneurs have the freedom to select and shape these facts (Gergen, 2005; Martens et al., 2007), which audiences can then subject to tests of veracity (Cunliffe et al., 2004; Gergen, 2005). Hence, entrepreneurial narratives can be viewed as a ‘mingling of fact and fiction’ (Anderson, 2005: 598); all claims about a new venture are to a certain extent fictional, but whereas audiences cannot assess the factuality of the statements the entrepreneur makes about the venture’s future, they do scrutinise claims about its past and present.

Assessing entrepreneurial narratives: plausibility and resonance

Assessing whether narratives are true or correct in the sense that they accurately reflect reality is difficult (Aldrich and Fiol, 1994; Bartel and Garud, 2009; Czarniawska, 2004), because ‘there are

no structural differences between fictive and factual narratives' (Czarniawska, 1995: 12, see also Smith, 2018). Yet, entrepreneurs need to prevent their audience from disregarding their narratives 'as uninteresting or even as lies' (Beckert, 2013: 225). Even though entrepreneurial narratives are partly fictional, because it is impossible to know whether a venture will develop as projected (Garud et al., 2014), entrepreneurs need to get investors to buy their stories (see Barry and Elmes, 1997). Prior research in this respect has identified verisimilitude and fidelity (Bartel and Garud, 2009; Beckert, 2013; Fenton and Langley, 2011; Martens et al., 2007) as two key criteria that narratives need to satisfy. How entrepreneurs attempt to meet these criteria, however, has rarely been elaborated.

Verisimilitude has been defined as the extent to which a narrator convinces 'readers/listeners that a narrative is plausible within a given orienting context' (Barry and Elmes, 1997: 434). If an audience believes that a narrative is plausible, it may suspend its disbelief (Beckert, 2013). Achieving narrative plausibility is particularly relevant for new venture founders, as potential resource providers may realise that the expectations that are set in entrepreneurial narratives are not always fulfilled (Garud et al., 2014; Johansson, 2004). Hence, the message conveyed in a narrative should not be 'so farfetched that its soundness is questionable' (Martens et al., 2007: 1108). Prior studies, however, do not explain how entrepreneurs enhance the plausibility of their narratives or the claims embedded in those narratives (Lounsbury and Glynn, 2001; Navis and Glynn, 2011).

Another factor based on which narratives are commonly assessed is their fidelity (Fenton and Langley, 2011; Martens et al., 2007), that is, their 'resonance with the beliefs of the target audiences' (Lounsbury and Glynn, 2001: 553). One way for entrepreneurs to make their stories resonate is introducing their venture as the protagonist, which gives them the opportunity to discuss its qualities as well as their own desires, competences and know-how (Golant and Sillince, 2007). Entrepreneurs can also achieve narrative resonance by making clear how their venture is legitimate yet also different from other organisations. This positively affects the likelihood of obtaining funding (Lounsbury and Glynn, 2001). Verbally inserting a venture in a frame that investors are attracted to, for example, by connecting to broader narratives or field-level growth stories, also boosts narrative resonance (Golant and Sillince, 2007; Martens et al., 2007; Ruebottom, 2013; Wry et al., 2011; Zilber, 2007). These studies, however, do not explain how entrepreneurs achieve resonance without weakening the plausibility of their narratives.

The micro-level arguments underpinning entrepreneurial narratives

As narrative studies of entrepreneurship have not discussed the means by which venture founders achieve narrative plausibility and resonance, we have a limited understanding of the features that distinguish a compelling narrative from a weaker one. To better understand this issue, we propose a micro-level examination of entrepreneurial narratives. Entrepreneurial narratives, like all narratives, contain arguments that support the overall story line (Bex and Verheij, 2012; Carranza, 1999), whereas 'arguments, however good they may be, need to be organized into flowing and convincing discourse' (Billig, 1996: 86). Feldman and Sköldbberg (2002) stated that 'stories cannot be "reduced"' to the underlying lines of argument, any more than the underlying lines of argument can be neglected for the sake of the manifest stories' (p. 289). We similarly argue that research on entrepreneurial resource acquisition can benefit from studying the arguments embedded in the narratives that new venture founders construct.

Toulmin's (1994) ideas about micro-level arguments in particular can enrich research on entrepreneurial narratives. Claims and grounds, two of the components in his basic model of argumentation, are particularly useful in this respect. The claim, or conclusion, is an assertion 'put forward

publicly for general acceptance' (Toulmin et al., 1984: 29). An audience, however, may not accept the claim at face value, and so, ask the arguer to support it, that is, specify its grounds (Toulmin, 1994). Grounds are 'statements specifying particular facts about a situation' (Toulmin et al., 1984: 37). Conducting a micro-level argumentation analysis can contribute to an increased understanding of an entrepreneur's attempts to make narratives more plausible because 'in most cases, it is the presence of justification that persuades' (Green et al., 2009: 15). Examining the grounds and claims entrepreneurs use could also shed more light on the way they establish resonance, as arguments can be used to appeal to an audience's values and interests (Aristotle, 2007; Green and Li, 2011; Holt and Macpherson, 2010).

Attention for micro-level rhetoric has been scarce in the entrepreneurship literature (Van Werven et al., 2015). Only a few theoretical papers have signalled the importance of argumentation in general and specific arguments such as analogy in particular (Cornelissen and Clarke, 2010; Etzion and Ferraro, 2010; Hill and Levenhagen, 1995; Van Werven et al., 2015). There is in comparison very little empirical work. The only empirical study (Holt and Macpherson, 2010) to date was based on interviews, in which new venture founders were asked to recall situations in which they persuaded others. Hence, that study does not show how arguments feature in pitches of entrepreneurs who are presenting their venture to an investor audience, nor how argumentation contributes to achieving narrative plausibility and resonance.

Methods

Research setting

This article is based on data gathered during a longitudinal case study of AMcubator, an Amsterdam-based business incubator. A business incubator is 'a facility that houses young, small firms to help them develop quickly into competitive businesses' (Hughes et al., 2007: 155). Incubators are a compelling setting for studying new venture founder attempts to convince potential investors. First, because they mostly target firms that are in the early stages of development (Bergek and Norrman, 2008), the entrepreneurs that participate need to communicate effectively as they are unlikely to have an extensive track record (Clarke, 2011). Second, incubators prepare their tenants for interactions with investors and other stakeholders (McAdam and Marlow, 2011). Hence, even though these concepts are unlikely to be mentioned explicitly, incubated entrepreneurs are made well aware of the importance of narrative plausibility and resonance.

In 2013, when this study was conducted, 400 new ventures applied for participation in AMcubator's so-called 'web and mobile accelerator'. After several rounds of selection, 10 applicants were admitted to the programme (see Table 1). AMcubator offered the CEOs of these 10 ventures the opportunity to participate in 'Pitch Academy', aiming to prepare them for Demo Day: the final day of the programme, on which they presented their venture to an audience of over 300 people. All CEOs had attended university, were younger than 30 years old and, except the CEO of GoodFood, were male. On Demo Day, everyone but the CEO of BrandIns dressed casually. Due to this lack of variation, any differences between the narratives cannot be explained by these factors. There was, as Table 1 shows, considerable variety in the development status of the ventures. This difference, as will be argued later, does seem to affect how entrepreneurs pitch.

Data sources

On Demo Day, the entrepreneurs presented themselves and their venture to an audience of angel investors, venture capitalists, journalists and experienced entrepreneurs in maximum 6 minutes.

Table 1. Participants in AMcubator's web and mobile accelerator.

Venture name	Venture idea	Product development status
3D Share	Connecting 3D printer owners with people who want to make a 3D print	Launched before Demo Day
GameBook	Creating an online platform where gamers can discover, follow and share gaming experiences	In preparation for launch after Demo Day
ProcessCorp	Enabling companies to monitor, manage and optimise their business processes in real-time	In preparation for launch after Demo Day
eLearners	Building an online learning platform for people who want to learn effectively from each other	In preparation for launch after Demo Day
eHealth	Launching an online system that allows health professionals to access patient data from any device	Launched before Demo Day
Shuffle	Showing people only the news they are most interested in by building a tool that learns from and adapts to their use of social media	Launched before Demo Day
Parking	Introducing dynamic pricing in parking garages to make parking cheaper and improve utilisation of parking spaces	Launched before Demo Day
BrandIns	Helping manufacturers to make sure that their online product representation is consistent by building a product data management tool	Launched before Demo Day
GoodFood	Developing an online platform where professionals can order good food from the best chefs in town	Launched before Demo Day
Jewels	Creating an online tool to help people design and customise 3D-printable jewellery	In preparation for launch after Demo Day

All pitches were recorded on video by AMcubator employees. The first author received these videos and transcribed them. For two reasons, we used these transcripts, rather than the videos, as the main input to our analysis. First, the videos mostly showed presentation slides from the entrepreneurs and did not allow for a detailed analysis of nonverbal communication. Second, analysing the visual aspects of the videos is beyond the scope of this study as our theoretical focus is predominantly textual. Nevertheless, the videos have been used to examine whether the text or images shown on the presentation slides corroborated or complemented their speech.

We also conducted a thematic analysis of the feedback given during Pitch Academy. The first author made field notes during the first session, audio recorded the other four sessions, and made verbatim transcriptions of the tapes. In each of the five Pitch Academy sessions, the entrepreneurs presented their venture to two mentors. These mentors were seasoned entrepreneurs with considerable pitching experience. They gave feedback on the content of the pitches with the aim of helping the incubatees make their pitches more persuasive from an investor's point of view. Hence, the mentors shaped the entrepreneur's pitch narrative by creating awareness of aspects that matter to their target audience (Lamertz and Martens, 2011). The feedback in turn enabled us to corroborate our interpretations of the statements the entrepreneurs made on Demo Day.

Data analysis

We have conducted a narrative analysis of the Demo Day pitches, treating them as rhetorical devices (see Gabriel, 2000: 93). So rather than just analysing *what* the entrepreneurs said, we also examined *how* they said it. In line with our view of narratives as being both factual and fictional, we took an interpretivist approach, which 'preserves distinctions between fact and story' (Gabriel, 2000: 17). We have adopted a micro-level approach to narrative analysis, mostly drawing on Toulmin's model of argument (Toulmin, 1994; Toulmin et al., 1984). In doing so, we took three interrelated steps: (1) identifying the arguments made by the entrepreneurs in their Demo Day pitches, (2) analysing the content of the arguments, and (3) a cross-case comparison of the arguments made per topic.

Identifying arguments

Argument identification stage 1: identifying explicit claims and grounds. We first classified all statements that the entrepreneurs made as grounds or claims (Toulmin, 1994). A statement was labelled as a ground when it had a factual nature (Toulmin et al., 1984). When a statement followed from a ground, and was presented as a debatable conclusion rather than an established fact, we classified it as a claim (Toulmin, 1994). For example, Parkling stated that their product helps the owners of parking garages generate an optimised dynamic price list for their parking facility. The entrepreneur argued that, with this dynamic price list, 'parking operators are making educated decisions on the right price to sell'. In this statement, the entrepreneur *claims* that they help garage owners to make better pricing decisions. The reason that he offers in support of that claim, that is, the *grounds*, is the fact that his product generates dynamic price lists.

Argument identification stage 2: making implicit claims explicit. Many statements that we labelled as grounds did not support an explicit claim. Hence, the entrepreneurs often constructed a specific type of enthymeme (Van Eemeren et al., 2014): an argument that is incomplete because its claim is implicit. The entrepreneurs thus left the Demo Day audience some room to draw its own conclusions. In line with previous research on the implicit meaning of organisational communication (Feldman et al., 2004; Zilber, 2007), we relied on the context in which the arguments were uttered to interpret the enthymemes. Because the AMcubator management advertised Demo Day as an

event where investment-ready entrepreneurs would present themselves, we completed them as if we were investors evaluating an investment opportunity.

The comments made by the Pitch Academy mentors regularly proved useful in interpreting a statement because they ‘enabled us to triangulate and have more confidence in our interpretation’ (Feldman et al., 2004: 156). eHealth’s Demo Day pitch, for instance, contained the following phrase: ‘there are more than 300,000 private clinics spread across the country’. This is a factual statement, which could have been used to support an explicit claim. However, the entrepreneur did not draw a conclusion based on these facts and thus, left the claim implicit. Because the Pitch Academy mentors regularly recommended entrepreneurs to provide quantitative data to help investors ‘make an actual prediction of the opportunity’ (Pitch Academy Session 3), it is likely that the founder of eHealth mentioned this number to implicitly claim that there are a large number of doctors that may potentially use his product.

Analysing content of the arguments. As our second step, we coded the content of the (implicit and explicit) claims the entrepreneurs made in their Demo Day pitches. The aim here was threefold. First, creating an overview of the content of the pitches would help us understand what aspects of a business opportunity were rendered plausible and resonant by the arguments we identified. Second, the content overview would serve as an intermediate step, allowing us to do a fine-grained comparison of the pitches (see step 3). Third, we intended to use those codes as a coding scheme for a thematic analysis of the feedback the entrepreneurs received during Pitch Academy. Doing so would enable us to match the advice given by the Pitch Academy mentors to the claims the entrepreneurs made on Demo Day and thus, triangulate our interpretation of the entrepreneurs’ arguments with mentor feedback.

We adopted an inductive approach in coding the content of the arguments made in the Demo Day pitches. This part of our analysis started with open coding. Arguments that concerned a highly similar topic formed first-order concepts. For example, we found that several entrepreneurs discussed ventures they founded prior to starting their current venture, and therefore, created a first-order code labelled ‘team has entrepreneurial experience’. In the second step, we moved from open to axial coding (Strauss and Corbin, 1998) by grouping the first-order codes in categories that were more abstract and general. For instance, we clustered the codes about entrepreneurial experience with other codes concerning the founding team, such as ‘team knows how to develop a solution to the problem’, so forming a second-order theme: ‘our team is well equipped with skills and experience’. We found six of these overarching claims, which together constituted the macrostructure of entrepreneurial narratives.

Cross-case comparison of arguments made per topic. After coding the content of the Demo Day pitches, we engaged in an in-depth comparison of the six overarching claims we identified. In so doing, we initially focused on identifying similarities, as these could reveal common rhetorical strategies. When we identified a pattern, we drew on insights from the field of rhetoric and argumentation (Perelman, 2008; Toulmin, 1994; Van Eemeren et al., 2014) to understand whether and how it contributed to enhancing the plausibility and resonance of the pitch narratives. We then returned to the data to check whether this theoretical explanation sufficiently explained the pattern. By iterating between theory and data, we followed an abductive approach, which is fairly typical in interpretive scholarship (Mantere and Ketokivi, 2013). We found similarities related to two of the basic components of an argument (cf. Toulmin, 1994; Toulmin et al., 1984): the grounds and the claims. The results of this step of our analysis are presented in Table 2.²

To further deepen our analysis, we examined if and to what extent pitches differed from each other. We found that some entrepreneurs more frequently (1) made explicit claims (by ‘talking as

Table 2. Micro-level arguments made by pre-launch and post-launch entrepreneurs to construct an investment opportunity.

Overarching claim	Micro-level arguments supporting claim	Explicit claim or enthymeme?	Qualitative or quantitative grounds?	Source of grounds provided?	Illustrative example
Our target customers are in need of a solution	Target customers experience a problem	Pre-launch: Explicit	Pre-launch: Qualitative	Pre-launch: Often	Jewels (pre-launch): 'I had to take a three months course in university and I only learned the very basics [of 3D printing]' (qualitative grounds with source: personal experience), so 'for the majority of the people today's tools are simply too complex' (explicit claim)
		Post-launch: Explicit	Post-launch: Both	Post-launch: Often	
Our product benefits customers	Product solves customer problem	Pre-launch: Explicit ^a	Pre-launch: Qualitative	Pre-launch: Rarely	Parking (post-launch): 'We take as a reference point the static price list of a parking facility. We analyse demand data [...] we add to the equation external factors, like competition, location, nearby events or even the weather (qualitative grounds without source) and the result is an optimised dynamic price list for that parking facility' (explicit claim)
		Post-launch: Explicit	Post-launch: Qualitative	Post-launch: Regularly	
Our venture operates in a market that is conducive to success	Product provides additional benefits	Pre-launch: Both	Pre-launch: Qualitative	Pre-launch: Rarely	Jewels (pre-launch): 'We also to make sure that [the product you make using our tool] always looks beautiful (qualitative grounds without source), so you feel like a professional when you're doing it' (explicit claim)
		Post-launch: Both	Post-launch: Qualitative	Post-launch: Regularly	
Our venture operates in a market that is conducive to success	Target market is large	Pre-launch: Enthymeme	Pre-launch: Quantitative	Pre-launch: Rarely	ProcessCorp (pre-launch): 'Looking for our competitors, you can find them in the large and fast-growing business analytics market. Today's companies spend over 30 billion dollar each year to get an insight into their business processes (quantitative grounds without source)'. So we operate in a market in which high revenues can be generated (implicit claim)
		Post-launch: Both	Post-launch: Quantitative	Post-launch: Rarely	
Our venture operates in a market that is conducive to success	Competitors in the target market are absent or inferior	Pre-launch: Explicit	Pre-launch: Qualitative	Pre-launch: Regularly	GoodFood (post-launch): 'By elegantly combining tech and taste (qualitative grounds with source: 2x2 matrix shown on slides), we claim the space of personal quality food in this market' (explicit claim)
		Post-launch: Explicit	Post-launch: Qualitative	Post-launch: Regularly	

(Continued)

Table 2. (Continued)

Overarching claim	Micro-level arguments supporting claim	Explicit claim or enthymeme?	Qualitative or quantitative grounds?	Source of grounds provided?	Illustrative example
	Favourable trend in target market	Pre-launch: Explicit Post-launch: Explicit	Pre-launch: Qualitative Post-launch: Qualitative	Pre-launch: Rarely Post-launch: Rarely	GameBook (pre-launch): 'This is PlayStation 4, coming out this winter. And as you can see, there is a share button on the controllers' (qualitative grounds with source: controllers shown on slides). So sharing is 'just getting easier' (explicit claim)
Our intermediate performance suggests that the opportunity really exists	Target customers or other stakeholders are interested in product	Pre-launch: Enthymeme Post-launch: Both ^a	Pre-launch: Quantitative Post-launch: Quantitative	Pre-launch: Rarely Post-launch: Rarely	eHealth (post-launch): 'Since we launched our system two months ago we are having ten new signups a day' (quantitative grounds without source). So the business opportunity we have identified really exists (implicit claim)
Our team is well equipped with skills and experience	Team can develop a solution to the problem	Pre-launch: Explicit Post-launch: Explicit	Pre-launch: Qualitative Post-launch: Qualitative	Pre-launch: Rarely Post-launch: Rarely	Shuffle (post-launch): 'I'm a full stack developer, and we also have experience in operations, technology and design' (qualitative grounds without source), so 'our team is fantastic' (explicit claim)
	Team is committed to its mission	Pre-launch: Explicit Post-launch: Explicit	Pre-launch: Qualitative Post-launch: Qualitative	Pre-launch: Rarely Post-launch: Rarely	GameBook (pre-launch): 'I'm the only guy in Rockstart sleeping under the desk' (qualitative grounds without source), which shows that 'we're fully committed to this mission' (explicit claim)
	Team has entrepreneurial experience	Pre-launch: Enthymeme Post-launch: Enthymeme	Pre-launch: Qualitative Post-launch: Qualitative	Pre-launch: Rarely Post-launch: Rarely	Parking (post-launch): We 'have participated at [a] few other competitions as well, from Evernote, Stanford, Microsoft, and a few more' (qualitative grounds without source), so we are well-equipped to lead the further development of our venture (implicit claim)
Funding would help us further develop and grow our venture	Funding will help us create the conditions for growth	Pre-launch: Explicit Post-launch: Explicit	Pre-launch: Qualitative Post-launch: Qualitative	Pre-launch: Rarely Post-launch: Rarely	3D Share (post-launch): 'We are raising 400,000 euros (qualitative grounds without source) to launch in another hundred cities across Europe' (explicit claim)

^aExplicit claims that involved entrepreneurs 'talking as if the future of their venture had already unfolded.

if' the future of their venture had already unfolded), (2) used a combination of quantitative and qualitative grounds, or (3) provided the source of the information conveyed in the grounds. As Table 2 shows, these differences correspond to the development status of the venture's product; entrepreneurs who had launched their product before Demo Day (hereafter referred to as *post-launch* entrepreneurs) and entrepreneurs who were still preparing for the launch at the time of Demo Day (*pre-launch* entrepreneurs) constructed different narratives. We now discuss this in more detail.

Findings

Most Demo Day pitches were structured around the following overarching claims: (1) Our target customers experience a problem and need a solution; (2) Our product provides benefits to our customers; (3) Our venture operates in an environment that is conducive to success; (4) Our intermediate performance suggests that the business opportunity exists; (5) Our team is well equipped with skills and experience; and (6) Funding would help us further develop and grow our venture. Existing research on entrepreneurial pitches and narratives (Lounsbury and Glynn, 2001; Spinuzzi et al., 2015; Wallnöfer and Hacklin, 2013) has also identified these topics. To move beyond describing the overall structure and content of entrepreneurial narratives, we explain how the micro-level arguments embedded in pitches can help entrepreneurs achieve resonance and plausibility. While so doing, we will elaborate on the differences between the arguments used by pre-launch and post-launch entrepreneurs.

Micro-level arguments embedded in entrepreneurial narratives

Claim 1: our target customers experience a problem and need a solution. The most common way for the entrepreneurs to start their pitch was by describing the current state of affairs in their target market. They used that description as the grounds for claiming that particular consumers or organisations were facing a problem. To make clear how they gained an understanding of the problem, the entrepreneurs often revealed the source of the information used as the grounds for their claim. Pre-launch entrepreneurs typically only used qualitative data as part of this argument, post-launch entrepreneurs regularly also referred to quantitative data. The CEO of GoodFood, for instance, first used anecdotal evidence to support her claim that many 'hardworking professionals' have 'unhealthy' eating habits; she directly addressed the audience, and said that they do not eat healthy food because they are 'hardworking professionals [who] eat the same food from the same places every time'. Later, she introduced additional numerical grounds for her claim: 'sixty percent of the people living in urban areas say they lack the time or the energy to cook during the week'.

Claim 2: our product provides benefits to our customers. After introducing the problem they were planning to address, the entrepreneurs described some features of their product that, as they explicitly claimed, could solve the problem. They often also talked about other characteristics of their product, and either implicitly or explicitly claimed that these provided supplementary benefits to their customers. When making these arguments, pre-launch entrepreneurs regularly pretended that their product had already been fully developed. The CEO of eLearners, for example, mentioned some features of his product that were still being developed: 'annotation within text and articles, weekly digests of things you told yourself that you wanted to remember, and summaries of books'. Even though he did not possess any knowledge about the effects of these features, he claimed that, as a consequence of offering them, eLearners 'not only provide[s] you with the best content [...] – we actually help you learn from that content'.

Because post-launch entrepreneurs had released their product before Demo Day, they did not have to pretend that the product they developed was operational. In fact, unlike pre-launch entrepreneurs, they were able to visually illustrate their arguments with screenshots or demos that showed how their product worked. One of them, the CEO of 3D Share, showed a video to the Demo Day audience in which he mentioned that his company ‘connects people who want to 3D print something with the people owning 3D printers’. This statement was visually supported by the subsequent scene in the video, which showed someone ordering a 3D print through 3D share’s website. Based on these grounds, the entrepreneur claimed that ‘for the first time you can create a product and own it the next day’.

Claim 3: our venture operates in an environment that is conducive to success. The entrepreneurs argued that they considered their target market financially attractive; they typically did so by referring to statistics about the market size, usually without specifying the source. Post-launch entrepreneurs were likely to make an explicit claim based on this information. To illustrate: the CEO of eHealth explicitly claimed that, because ‘the healthcare market in Brazil is expected to reach 350 billion dollars in 2015’, he saw ‘an opportunity to create a 100 million dollar company in Brazil over the next couple of years’. Pre-launch entrepreneurs, however, often refrained from drawing a conclusion. The CEO of Jewels, for instance, stated that ‘two companies that address a similar market [...] already do over a billion euros in revenue, and they grew quickly over the past few years’. He did not explicitly relate that information to his venture. Nevertheless, the implications are clear. As indicated by one of the Pitch Academy mentors, such statistics are shared to appeal to investors: ‘That’s gonna trigger at least half the room’ (Pitch Academy Session 2).

Most entrepreneurs made one or two additional arguments about their target market. There were no striking differences in the way pre-launch and post-launch entrepreneurs made these arguments. Some entrepreneurs explicitly claimed, after describing the product offering of their competitors, that their product was the best solution available. They regularly made clear that they gained these insights by doing market research. The CEO of Parkling in this respect mentioned that the ‘extensive research’ done by his team taught him that companies offering products similar to Parkling are ‘all US-based companies focused on US markets’. From that observation, he inferred that ‘the European market is wide open for us’. Other entrepreneurs, such as the CEO of eLearners, discussed a trend in their venture’s market – without revealing where they found that information – before concluding that it was favourable to their venture. He stated that ‘education is moving away from the traditional big institutions and going towards a more continuous way of learning’, and used that information as grounds for explaining why the e-learning industry ‘is growing that fast’.

Claim 4: our intermediate performance suggests that the business opportunity exists. Despite the nascent nature of their ventures, all entrepreneurs shared performance-related information. They predominantly presented quantitative data about the number of customers or other stakeholders that had shown an interest in their product, in most cases without providing the source of that information. Pre-launch entrepreneurs generally did not draw an explicit conclusion. The pitch by the CEO of eLearners is a case in point. While making another argument, he casually referred to ‘the 3,000 people that we have now on our waiting list’. Numbers like these send a clear message to investors: the opportunity to start a new venture does not just exist in the mind of the entrepreneur. The feedback given during Pitch Academy supports this interpretation. As an AMcubator manager remarked, intermediate performance data shows ‘that it’s not only you guys, [but] that there’s other persons out there’ (Pitch Academy Session 5) who are interested.

Post-launch entrepreneurs more often made explicit claims regarding the number of customers acquired. Making these claims regularly required them to ‘talk as if’ the future of their venture had

already unfolded. eHealth's pitch illustrates this. The entrepreneur argued that his 'business has a very long lifetime value' because doctors, once they 'start using eHealth [...], will remain with us for years'. He subsequently claimed that 'this fact allows us to spend up to 150 dollars in marketing and commissions to acquire one user'. That 'fact', however, was fictional; eHealth was a nascent venture at the time, so the entrepreneur did not yet know whether doctors would stay with the company for years.

Claim 5: our team is well equipped with skills and experience. Except the CEO of Jewels, all entrepreneurs introduced their team on Demo Day. The arguments of pre-launch and post-launch entrepreneurs about this topic were very much alike; descriptions of the team's experience with the problem the venture addressed and the solution it provided, as well as qualitative information related to the sacrifices that had been made, were often used as grounds for an explicit claim about the ability of the team to start the venture. The pitch by the CEO of ProcessCorp contained several of these arguments. The following quotes illustrate the argument he made to demonstrate his understanding of the problems executives in large corporations often struggle with. He stated, 'I have solved [business process] challenges for the last six years. Again and again, for different companies like Telekom, Bayer or Coca-Cola'. He claimed that this prior experience, which he gained as a consultant in Germany, taught him that a 'lack of information often leads to risky management decisions'.

Other characteristics of the team, usually its entrepreneurial experience or the CEO's personal experience with the problem, were not used as the basis for an explicit claim. Nevertheless, the implications of this information are clear. As one of the mentors said during Pitch Academy: 'To make sure you can be trusted, you present the team' (Pitch Academy Session 3). In line with this advice, the CEO of Shuffle stated, 'We started this back in Turkey, [and] graduated from Startup Chile last year'. With this statement, he conveyed that he and his team had received entrepreneurship training, and had been willing to move to a different part of the world to learn and develop their venture. By extension, they can be trusted to have the abilities and commitment investors which investors seek.

Claim 6: funding would help us further develop and grow our venture. The most common way to end the pitch was making an appeal to the audience. This typically took the form of a request for an investment. All entrepreneurs, both pre-launch and post-launch, used that request as the grounds for an explicit claim, which specified the goals that could be achieved as a result of the investment. They did not elaborate on the grounds, that is, did not explain why they needed that specific amount of money. BrandIns' pitch is illustrative of this line of reasoning. The CEO explicitly claimed that the money he wanted would help him 'sign 2,000 new customers in the next year and a half [and] enter the US market, which today is the largest consumer product market in the world'. In addition, he claimed that funding would allow him to recruit new staff: 'the growth capital will allow us to strengthen our team'.

The effect of micro-level argumentation on narrative resonance and plausibility

Now that we have outlined which micro-level arguments were used in the Demo Day pitches, and shown that pre-launch and post-launch entrepreneurs argue differently, we will discuss four rhetorical strategies that underlay entrepreneur argumentation: (1) using enthymemes when discussing the venture's future, (2) 'Talking as if' the venture's future product or performance is the present, (3) making explicit claims about the present state of product and market, and (4) supporting claims through arguments based on historical and current data. Each strategy has a different time orientation; the first and second concern the future of the venture, whereas the third and fourth

relate to its present and past. We will theorise how the strategies and their time orientation affect narrative plausibility and resonance, and explain why pre-launch and post-launch entrepreneurs use them differently.

Strategy 1: using enthymemes when discussing the venture's future. Both pre-launch and post-launch entrepreneurs, the latter even more than the former, quite consistently used enthymemes to discuss the size of the target market, intermediate venture performance and their entrepreneurial experience. What these arguments had in common, and what distinguished them from other arguments, is that they related to the venture's future, more specifically its potential to become successful.³ By referring to statistics about the size of their target market, the entrepreneurs suggested that there was an opportunity for them to generate significant revenues. By presenting intermediate performance figures, they implied that their product may also be adopted by future customers and other stakeholders. When discussing how they successfully founded a new venture in the past, entrepreneurs created the impression that they would be able to repeat that performance.

Using enthymemes when discussing a new venture's potential to become successful may help entrepreneurs achieve narrative plausibility. Unlike explicit claims which, particularly when they concern the future, may backfire because they are seen as implausible by investors (Garud et al., 2014; Martens et al., 2007), an enthymeme is often 'just being accepted without further consideration because of its rhetorical power' (Feldman and Sköldbberg, 2002: 285). So refraining from making explicit claims, and using enthymemes instead, can improve the plausibility of an entrepreneurial narrative and makes it more likely for the audience to suspend its disbelief (see Beckert, 2013). At the same time, enthymemes contribute to enhancing narrative resonance. Compared to narratives, which are generally open to multiple interpretations (Barry and Elmes, 1997; Boje, 1995; Cunliffe et al., 2004), enthymemes are relatively unambiguous (see Tans, 2006; Toulmin, 1994). Hence, audiences can complete the argument 'with the help of their background knowledge regarding the issue at hand' (Van Eemeren et al., 2014: 118). As people tend to believe the information they have personally added to an argument, the use of enthymemes makes it more likely that a message resonates (Feldman and Sköldbberg, 2002; Hartelius and Browning, 2008).

Strategy 2: 'talking as if' the venture's future product or performance is the present. Except for the arguments they made when outlining how they would use an investment to further develop their business, most of the arguments by entrepreneurs were in the present tense. However, at times the future tense may have more accurately reflected the development status of the ventures; the entrepreneurs regularly used the present tense when discussing events that had not yet happened. Hence, they 'talked as if' their predictions or expectations had come true, that is, constructed fictional arguments (see Beckert, 2013) about a stage of development that their venture may or may not have reached after Demo Day. For pre-launch entrepreneurs, that next stage was launching their product. For entrepreneurs who had done that before Demo Day, the subsequent step was generating substantial revenues.

'Talking as if' has the potential to enhance narrative resonance because it presents a nascent venture as slightly less novel, and thereby taps into investors' desire for companies with a product that has demonstrated market acceptance (MacMillan et al., 1985; Maxwell et al., 2011). It can also increase the perceived plausibility of an entrepreneurial narrative, because it reduces the amount of logical time gaps. Logical time gaps exist when statements that serve as grounds for a claim pertain to the past or present and the claim itself concerns the future (Van Eemeren et al., 2014). For example, entrepreneurs who argue that their product will be bought by customers in the future based on

feedback they received on their current prototype, construct an argument with a logical time gap. Such arguments are generally considered as relatively weak in terms of plausibility because they convey information that can only be verified in the future (Van Eemeren et al., 2014: 210). By ‘talking as if’, entrepreneurs avoid logical time gaps and thereby create the impression that they are reporting on rather than predicting the performance of their venture.

Strategy 3: making explicit claims about the present state of product and market. The claims in most of the arguments made by the entrepreneurs (both pre-launch and post-launch) were explicit. Unlike enthymemes, which concerned the future, most arguments with an explicit claim focused on the present state of a venture’s product or target market, and described what impact it had on the venture itself or its target customers. Specifically, the entrepreneurs established causal relationships between the state of affairs in their target market and a problem its target customers experienced, between characteristics of their product and the benefits it provided to customers, between developments in their target market and their venture’s competitive position, and between additional funding and the further development of the venture.

Making explicit arguments about the present state of a new venture’s product or target market can contribute to enhancing the plausibility of a pitch. Explicit claims are usually the outcome of a rational reasoning process (Sillince, 1999). Rational reasoning is commonly associated with objectivity (Bouwmeester, 2013), which in turn results in increased plausibility (Barry and Elmes, 1997). The explicit arguments introduced in the Demo Day pitches were no exception because they were predominantly causal arguments⁴ – a type of argument generally considered instrumental rational (Bouwmeester, 2013). Explicit causal argumentation can also increase narrative resonance. By making explicit claims, the entrepreneurs presented themselves as knowledgeable experts about various aspects of the business opportunity they pursued. As expertise is valued by investors (MacMillan et al., 1985; Maxwell et al., 2011; Sudek, 2007), demonstrating it in a pitch is likely to enhance narrative resonance.

Strategy 4: supporting claims through arguments based on historical and current data. All arguments made by the entrepreneurs on Demo Day were based on historical or current data about the venture, its target market, or the founding team. The majority of claims, particularly those concerning the problem customers experienced, the solutions the entrepreneurs had developed, the founding team and the need for funding, was based on qualitative data – although post-launch entrepreneurs sometimes provided additional, quantitative evidence. Arguments related to the size of the market and the venture’s intermediate performance were mostly based on quantitative data. As claims that are supported with specific evidence are seen as more plausible by investors (Brooke Elliott et al., 2015; Grégoire et al., 2008; Perelman, 2008), using qualitative and quantitative data as grounds enhanced narrative plausibility.

Revealing the source of the information presented in the grounds was an additional component of this rhetorical strategy, which was most commonly used by post-launch entrepreneurs. Sharing the source of information is an externalising device, because it draws attention away from the entrepreneur (see Potter, 1996). It thereby grants the description of the problem or markets a sense of objectivity and hence, increases narrative plausibility (Barry and Elmes, 1997). Entrepreneurs most often provided the source of information when they made arguments related to the size of their target market or the problems people or organisations in that market experienced. Externalising this information is particularly relevant, as these two arguments combined convey the number of people that may buy the venture’s product, which determines the upper limit of the return investors can potentially get on their investment (Chen et al., 2009; Grégoire et al., 2008; Mason and Harrison, 2003; Maxwell et al., 2011).

Rhetorical differences between pre-launch and post-launch entrepreneurs. Our comparison of the pitches by pre-launch and post-launch entrepreneurs showed that they used three of the four strategies for achieving narrative plausibility and resonance in slightly different ways. First, each of these two types of entrepreneur were ‘talking as if’, but presented different events that had not yet unfolded as true. This difference, we argue, is driven by the need to strike a balance between plausibility and resonance; although ‘talking as if’, for the reasons given earlier, may add to the resonance of the pitches, it can also weaken narrative plausibility if investors perceive these fictional claims as farfetched. So, most entrepreneurs only ‘talked as if’ the immediate next step in the development of their ventures had already been taken. Post-launch entrepreneurs were able to share intermediate performance data, so they could make reasonably plausible fictional arguments about the performance of their ventures. Pre-launch entrepreneurs did not have a finalised product yet, so pretending that they were already generating revenues would have been an implausible stretch. Hence, they ‘talked as if’ the product they were still working on was already finished.

Second, post-launch entrepreneurs regularly made explicit claims about topics that pre-launch entrepreneurs discussed by means of an enthymeme: the size of their target market and the performance of their venture. This difference can also be explained by the fact that they had more data that enabled them to make predictions about the future of their venture. Earlier, we argued that explicit claims are more likely to be seen as implausible, as they are easier to scrutinise and may not resonate like enthymemes do because they do not draw the audience into the argument. Generally speaking, therefore, ‘implicit argumentation [...] is often more persuasive than explicit argumentation’ (Sillince, 1999: 801). So by making these explicit claims, post-launch entrepreneurs may have made their pitch less compelling.

The third difference we observed may offset the potentially negative effect of making explicit claims about the venture’s future. Post-launch entrepreneurs regularly used both quantitative and qualitative grounds to support their claims about the problem they addressed and revealed the source of the information they used as the basis for claims related to the benefits of their product. By doing so, they strengthened the grounds of these arguments, thereby increasing their plausibility. Making this part of the pitch more compelling compensates for the uncharacteristically explicit argumentation about the venture’s future; if investors are more strongly convinced that there is a need for a product, they may be less sceptical if entrepreneurs make explicit claims about a venture’s potential to become successful.

Discussion and conclusion

Contributions

Our findings have implications for narrative entrepreneurship research, as well as for studies of entrepreneurial rhetoric. First, we contribute to narrative studies of entrepreneurial resource acquisition by opening up the black box of narrative resonance and plausibility. The literature tends to assess these criteria *ex post* (see Giorgi, 2017). Hence, it is not clear why certain narratives resonate and are seen as plausible, while others are not. We analysed the micro-level argumentation underpinning entrepreneurial narratives (following Perelman, 2008; Toulmin, 1994; Van Eemeren et al., 2014) and identified four rhetorical strategies that entrepreneurs use when pitching to investors. Each of these strategies contributes to achieving narrative resonance, narrative plausibility or both in its own way. In addition to identifying these strategies, which have not been discussed in narrative entrepreneurship research to date, we show how pre-launch and post-launch entrepreneurs differ in the way they achieve narrative plausibility and resonance.

Our second contribution to narrative entrepreneurship research relates to the temporality of narrative construction. Most prior work has examined how entrepreneurs draw on past experience and

performance, thereby neglecting how they talk about the future (Garud et al., 2014). Recently, narrative researchers have started studying this issue. Their findings suggest that the future of a new venture is often presented as a continuation of past developments (Manning and Bejarano, 2017) and that communicating disruptive visions is negatively associated with the amount of funding obtained (Van Balen et al., 2018). These studies, however, do not explain how entrepreneurs ensure the plausibility of the future visions they communicate. Our findings shed light on this topic. We found that, to avoid making claims about the future of their venture that would be seen as implausible, entrepreneurs used enthymemes or ‘talked as if’ the future had already come to pass. Furthermore, we observed that these arguments were accompanied by explicit arguments about the present state of the product or market and supported by historical and current data.

We also advance the scant literature on the role of rhetoric in entrepreneurship. The work that has been done to date pointed out that micro-level rhetoric is a valuable instrument for entrepreneurs and studied the types of argument entrepreneurs use when presenting their venture to potential resource providers (Cornelissen and Clarke, 2010; Holt and Macpherson, 2010; Van Werven et al., 2015). We have expanded the analytical toolkit available to researchers interested in entrepreneurial communication by showing that entrepreneurs regularly ‘talk as if’ their venture is a relatively mature new venture. Although prior studies noted that entrepreneurs sometimes ‘act as if’ their plans have already been realised (Anderson, 2005; Beckert, 2016), the implications of this observation for the narratives they tell have hardly been recognised (see Gartner et al., 1992 for an exception). By pointing to the role of enthymemes, we highlight another rhetorical device to which previous research did not pay attention. Based on literature from the field of argumentation (Feldman and Sköldbberg, 2002; Hartelius and Browning, 2008), we argue that enthymemes allow entrepreneurs to simultaneously enhance the plausibility and resonance of their narratives, particularly when addressing the future of a new venture.

Limitations and future research

Besides these contributions, our study also has some limitations. First of all, although argumentation theory (Perelman, 2008; Toulmin, 1994; Van Eemeren et al., 2014) suggest that using the four micro-level strategies we identified will make narratives more compelling, we did not measure whether they did indeed have a positive effect on the plausibility and resonance of the narratives, as perceived by investors. Future research can use our theoretical arguments as the basis for formulating ideas and expectations about the plausibility and resonance of a narrative. These can then be tested by having investors evaluate, as part of a survey or experimental research design, recordings of pitches that vary in terms of the use of the four rhetorical strategies.

Second, the entrepreneurs we studied targeted their pitches at an audience of financial investors. The advice they received during the Pitch Academy training sessions was based on the belief that pitching to that specific audience ‘is all about explaining this massive idea, the big potential’ (AMcubator programme manager). The four rhetorical strategies we discussed in this article may have been born out of this belief. Whereas this may be effective when financial investors are targeted, convincing other resource providers might require a different approach. In fact, recent papers (Fisher et al., 2017; Überbacher, 2014) have called for more research that takes into account that different audiences use different criteria to evaluate a new venture. Hence, examining whether and how entrepreneurs use the four strategies when pitching to another type of resource provider is another direction for the future exploration of our framework.

Third, because of our theoretical focus on narrative plausibility and resonance, we have studied verbal communication. Prior entrepreneurship research has, however, found that nonverbal communication, like gestures (Cornelissen et al., 2012) and the ability to express emotions (Baron and Markman, 2003; Clarke, 2011) such as passion (Cardon et al., 2009) may also be crucial aspects of

entrepreneurial communication. Future studies of entrepreneurial pitches could answer calls for more multimodal research (see Meyer et al., 2013) and combine our micro-level approach to analysing verbal communication with, for example, an analysis of the gestures, visuals and artefacts (such as PowerPoint presentations and prototypes) used by entrepreneurs in their pitches.

Finally, our study focuses on pitches by entrepreneurs who participated in an incubation programme. Business incubators encourage entrepreneurs to rehearse their pitches intensively and provide them with the opportunity to get feedback from mentors (McAdam and Marlow, 2011). Although this context is suitable for studying entrepreneurial communication, it also has its limitations. For example, there is evidence that pitch training and feedback affect entrepreneurial rhetoric (McAdam and Marlow, 2011; Spinuzzi et al., 2015). Hence, entrepreneurs who have not received such input may use different strategies for establishing narrative plausibility and resonance. Future research could compare pitches by entrepreneurs who have participated in an incubation programme to pitches by entrepreneurs who have not, and explore whether and how their rhetoric differs.


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Notes

1. The names of the incubator and the new ventures have been changed to ensure anonymity.
2. Most Demo Day pitches did not contain all arguments shown in Table 2. The entrepreneurs typically supported each of the six overarching claims with two micro-level arguments: the one shown in the upper row and one of the other arguments.
3. Some entrepreneurs also engaged in enthymematic reasoning when discussing the additional benefits their product offered, that is, the benefits other than solving the customer's problem. This is in line with a recommendation one of the Pitch Academy mentors gave the CEO of 3D Share: 'Do not try to convince investors to use 3D Share, but convince them that 3D Share is the best solution to some problem instead' (Field notes, Pitch Academy Session 1). By refraining from making an explicit claim about the additional benefits of their product, entrepreneurs made it less likely for investors to get that impression.
4. The entrepreneurs also made explicit claims based on information about their actions and their industry or technological experience. These arguments did not specify cause-effect relationships. Rather, they presented information about the entrepreneurs as signs of their commitment and their ability to develop a product that would solve the problems of their customers. Unlike enthymematic arguments by sign, these explicit arguments did not concern the potential of the venture to become successful. Instead, they shed light on the motivation and professional and technical abilities of the entrepreneurs. So with these arguments, entrepreneurs are not invoking the type of financial performance expectations that investors commonly question (cf. Garud et al., 2014). They, therefore, do not need to obscure a lack of plausibility.

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References

- Aldrich HE and Fiol CM (1994) Fools rush in? The institutional context of industry creation. *Academy of Management Review* 19(4): 645–670.
- Anderson AR (2005) Enacted metaphor: The theatricality of the entrepreneurial process. *International Small Business Journal* 23(6): 587–603.
- Anderson AR and Warren L (2011) The entrepreneur as hero and jester: Enacting the entrepreneurial discourse. *International Small Business Journal* 29(6): 589–609.
- Aristotle (2007) *On Rhetoric: A Theory of Civic Discourse*. Oxford: Oxford University Press.

- Barry D and Elmes M (1997) Strategy retold: Toward a narrative view of strategic discourse. *Academy of Management Review* 22(2): 429–452.
- Bartel CA and Garud R (2009) The role of narratives in sustaining organizational innovation. *Organization Science* 20(1): 107–117.
- Baron RA and Markman GD (2003) Beyond social capital: The role of entrepreneurs' social competence in their financial success. *Journal of Business Venturing* 18(1): 41–60.
- Beckert J (2013) Imagined futures: Fictional expectations in the economy. *Theory and Society* 42(3): 219–240.
- Beckert J (2016) *Imagined Futures: Fictional Expectations and Capitalist Dynamics*. Cambridge, MA: Harvard University Press.
- Bergek A and Norrman C (2008) Incubator best practice: A framework. *Technovation* 28(1): 20–28.
- Bex F and Verheij B (2012) Solving a murder case by asking critical questions: An approach to fact-finding in terms of argumentation and story schemes. *Argumentation* 26(3): 325–353.
- Billig M (1996) *Arguing and Thinking: A Rhetorical Approach to Social Psychology*. Cambridge: Cambridge University Press.
- Boje DM (1991) The storytelling organization: A study of story performance in an office-supply firm. *Administrative Science Quarterly* 36(1): 106–126.
- Boje DM (1995) Stories of the storytelling organization: A postmodern analysis of Disney as 'Tamara-Land'. *Academy of Management Journal* 38(4): 997–1035.
- Bouwmeester O (2013) Field dependency of argumentation rationality in decision-making debates. *Journal of Management Inquiry* 22(4): 415–433.
- Brooke Elliott W, Rennekamp KM and White BJ (2015) Does concrete language in disclosures increase willingness to invest? *Review of Accounting Studies* 20(2): 839–865.
- Cardon MS, Sudek R and Mitteness C (2009) The impact of perceived entrepreneurial passion on angel investing. *Frontiers of Entrepreneurship Research* 29(2): 1–15.
- Carranza IE (1999) Winning the battle in private discourse: Rhetorical-logical operations in storytelling. *Discourse and Society* 10(4): 509–541.
- Chen X-P, Yao X and Kotha S (2009) Entrepreneur passion and preparedness in business plan presentations: A persuasion analysis of venture capitalists' funding decisions. *Academy of Management Journal* 52(1): 199–214.
- Clarke J (2011) Revitalizing entrepreneurship: How visual symbols are used in entrepreneurial performances. *Journal of Management Studies* 48(6): 1365–1391.
- Cornelissen JP and Clarke J (2010) Imagining and rationalizing opportunities: Inductive reasoning and the creation and justification of new ventures. *Academy of Management Review* 35(4): 539–557.
- Cornelissen JP, Clarke J and Cienki A (2012) Sensegiving in entrepreneurial contexts: The use of metaphors in speech and gesture to gain and sustain support for novel ventures. *International Small Business Journal* 30(3): 213–241.
- Cunliffe AL, Luhman JT and Boje DM (2004) Narrative temporality: Implications for organizational research. *Organization Studies* 25(2): 261–286.
- Czarniawska B (1995) Narration or science? Collapsing the division in organization studies. *Organization* 2(1): 11–33.
- Czarniawska B (2004) *Introducing Qualitative Methods: Narratives in Social Science Research*. London: Sage.
- Diaz Garcia M-C and Welter F (2011) Gender identities and practices: Interpreting women entrepreneurs' narratives. *International Small Business Journal* 31(4): 384–404.
- Etzion D and Ferraro F (2010) The role of analogy in the institutionalization of sustainability reporting. *Organization Science* 21(5): 1092–1107.
- Feldman MS and Sköldbberg K (2002) Stories and the rhetoric of contrariety: Subtexts of organizing (change). *Culture and Organization* 8(4): 275–292.
- Feldman MS, Sköldbberg K, Brown RN, et al. (2004) Making sense of stories: A rhetorical approach to narrative analysis. *Journal of Public Administration Research and Theory* 14(2): 147–170.
- Fenton C and Langley A (2011) Strategy as practice and the narrative turn. *Organization Studies* 32(9): 1171–1196.

- Fisher G, Kuratko DF, Bloodgood JM, et al. (2017) Legitimate to whom? The challenge of audience diversity and new venture legitimacy. *Journal of Business Venturing* 32(1): 52–71.
- Foss L (2004) ‘Going against the grain.’.. Construction of entrepreneurial identity through narratives. In: Hjorth D and Steyaert C (eds) *Narrative and Discursive Approaches in Entrepreneurship*. Cheltenham: Edward Elgar, pp.80–104.
- Gabriel Y (2000) *Storytelling in Organizations: Facts, Fictions, and Fantasies*. Oxford: Oxford University Press.
- Gartner WB (2010) A new path to the waterfall: A narrative on a use of entrepreneurial narrative. *International Small Business Journal* 28(1): 6–19.
- Gartner WB, Bird BJ and Starr JA (1992) Acting as if: Differentiating entrepreneurial from organizational behavior. *Entrepreneurship Theory and Practice* 16(3): 13–31.
- Garud R, Schildt HA and Lant TK (2014) Entrepreneurial storytelling, future expectations, and the paradox of legitimacy. *Organization Science* 25(5): 1479–1492.
- Gergen KJ (2005) Narrative, moral identity, and historical consciousness: A social constructionist account. In: Straub J (ed.) *Narration, Identity, and Historical Consciousness*. New York; Oxford: Berghahn Books, pp.99–119.
- Giorgi S (2017) The mind and heart of resonance: The role of cognition and emotions in frame effectiveness. *Journal of Management Studies* 54(5): 711–738.
- Golant BD and Sillince JAA (2007) The constitution of organizational legitimacy: A narrative perspective. *Organization Studies* 28(8): 1149–1167.
- Green SE Jr and Li Y (2011) Rhetorical institutionalism: Language, agency, and structure in institutional theory since Alvesson 1993. *Journal of Management Studies* 48(7): 1662–1697.
- Green SE Jr, Li Y and Nohria N (2009) Suspended in self-spun webs of significance: A rhetorical model of institutionalization and institutionally embedded agency. *Academy of Management Journal* 52(1): 11–36.
- Grégoire DA, De Koning AJ and Oviatt BM (2008) Do VCs evaluate ‘live’ presentations like they evaluate business plans? *Frontiers of Entrepreneurship Research* 28(3): 1–13.
- Hamilton E (2006) Whose story is it anyway? Narrative accounts of the role of women in founding and establishing family businesses. *International Small Business Journal* 24(3): 253–271.
- Hartelius EJ and Browning LD (2008) The application of rhetorical theory in managerial research: A literature review. *Management Communication Quarterly* 22(1): 13–39.
- Higgins MC and Gulati R (2006) Stacking the deck: The effects of top management backgrounds on investor decisions. *Strategic Management Journal* 27(1): 1–25.
- Hill RC and Levenhagen M (1995) Metaphors and mental models: Sensemaking and sensegiving in innovative and entrepreneurial activities. *Journal of Management* 21(6): 1057–1074.
- Hjorth D and Steyaert C (2004) *Narrative and Discursive Approaches in Entrepreneurship*. Cheltenham: Edward Elgar.
- Holt R and Macpherson A (2010) Sensemaking, rhetoric, and the socially competent entrepreneur. *International Small Business Journal* 28(1): 20–42.
- Hughes M, Ireland RD and Morgan RE (2007) Stimulating dynamic value: Social capital and business incubation as a pathway to competitive success. *Long Range Planning* 40(2): 154–177.
- Johansson AW (2004) Narrating the entrepreneur. *International Small Business Journal* 22(3): 273–293.
- Jones R, Latham J and Beta M (2008) Narrative construction of the social entrepreneurial identity. *International Journal of Entrepreneurial Behavior & Research* 14(5): 330–345.
- Lamertz K and Martens ML (2011) How do we make you look good? A social network study of upstream organizational impression management and the rhetorical construction of IPO firm images. *Canadian Journal of Administrative Sciences* 28(4): 373–387.
- Larty J and Hamilton E (2011) Structural approaches to narrative analysis in entrepreneurship research: Exemplars from two researchers. *International Small Business Journal* 29(3): 220–237.
- Lounsbury M and Glynn MA (2001) Cultural entrepreneurship: Stories, legitimacy, and the acquisition of resources. *Strategic Management Journal* 22(6–7): 545–564.
- McAdam M and Marlow S (2011) Sense and sensibility: The role of business incubator client advisors in assisting high-technology entrepreneurs to make sense of investment readiness status. *Entrepreneurship and Regional Development* 23(7–8): 449–468.

- MacMillan IC, Siegel R and Narasimha PNS (1985) Criteria used by venture capitalists to evaluate new venture proposals. *Journal of Business Venturing* 1(1): 119–128.
- Manning S and Bejarano TA (2017) Convincing the crowd: Entrepreneurial storytelling in crowdfunding campaigns. *Strategic Organization* 15(2): 194–219.
- Mantere S and Ketokivi M (2013) Reasoning in organization science. *Academy of Management Review* 38(1): 70–89.
- Martens ML, Jennings JE and Jennings PD (2007) Do the stories they tell get them the money they need? The role of entrepreneurial narratives in resource acquisition. *Academy of Management Journal* 50(5): 1107–1132.
- Mason CM and Harrison RT (2003) ‘Auditing for money’: What do investors look for at the initial screening stage? *Journal of Private Equity* 6(2): 29–42.
- Maxwell AL, Jeffrey SA and Lévesque M (2011) Business angel early stage decision making. *Journal of Business Venturing* 26(2): 212–225.
- Meyer RE, Höllerer MA, Jancsary D, et al. (2013) The visual dimension in organizing, organization, and organization research. *Academy of Management Annals* 7(1): 489–555.
- Mills C and Pawson K (2011) Integrating motivation, risk-taking and self-identity: A typology of ICT enterprise development narratives. *International Small Business Journal* 30(5): 584–606.
- Navis C and Glynn MA (2011) Legitimate distinctiveness and the entrepreneurial identity: Influence on investor judgments of new venture plausibility. *Academy of Management Review* 36(3): 479–499.
- Nicholson L and Anderson AR (2005) News and nuances of the entrepreneurial myth and metaphor: Linguistic games in entrepreneurial sense-making and sense-giving. *Entrepreneurship Theory and Practice* 29(2): 153–172.
- O’Connor E (2002) Storied business: Typology, intertextuality, and traffic in entrepreneurial narrative. *Journal of Business Communication* 39(1): 36–54.
- O’Connor E (2004) Storytelling to be real: Narrative, legitimacy building and venturing. In: Hjorth D and Steyaert C (eds) *Narrative and Discursive Approaches in Entrepreneurship*. Cheltenham: Edward Elgar, pp.105–124.
- Parhankangas A and Ehrlich M (2014) How entrepreneurs seduce business angels: An impression management approach. *Journal of Business Venturing* 29(4): 543–564.
- Pentland BT (1999) Building process theory with narrative: From description to explanation. *Academy of Management Review* 24(4): 711–724.
- Perelman C (2008) *The Realm of Rhetoric*. Notre Dame, IN: University of Notre Dame Press.
- Pettersson K (2004) Masculine entrepreneurship – The Gnosjö discourse in a feminist perspective. In: Hjorth D and Steyaert C (eds) *Narrative and Discursive Approaches in Entrepreneurship*. Cheltenham: Edward Elgar, pp.177–193.
- Pollack JM, Rutherford MW and Nagy BG (2012) Preparedness and cognitive legitimacy as antecedents of new venture funding in televised business pitches. *Entrepreneurship Theory and Practice* 36(5): 915–939.
- Potter J (1996) *Representing Reality: Discourse, Rhetoric, and Social Construction*. London: Sage.
- Rae D (2005) Entrepreneurial learning: A narrative-based conceptual model. *Journal of Small Business and Enterprise Development* 12(3): 323–335.
- Ruebottom T (2013) The microstructures of rhetorical strategy in social entrepreneurship: Building legitimacy through heroes and villains. *Journal of Business Venturing* 28(1): 98–116.
- Sillince JAA (1999) The organizational setting, use, and institutionalization of argumentation repertoires. *Journal of Management Studies* 36(6): 795–830.
- Smith R (2018) Reading liminal and temporal dimensionality in the Baxter family ‘public-narrative’. *International Small Business Journal* 36(1): 41–59.
- Spinuzzi C, Thomson KS, Burbach SD, et al. (2015) How do entrepreneurs hone their pitches? Analyzing how pitch presentations develop in a technology commercialization competition. In: *Proceedings of the 33rd ACM international conference on design of communication*, Limerick, 16–17 July, pp.1–11. New York: ACM.
- Strauss A and Corbin J (1998) *Basics of Qualitative Research: Techniques and Procedures for Developing Grounded Theory*. Thousand Oaks, CA: Sage.

- Stuart TE, Hoang H and Hybels RC (1999) Interorganizational endorsements and the performance of entrepreneurial ventures. *Administrative Science Quarterly* 44(2): 315–349.
- Sudek R (2007) Angel investment criteria. *Journal of Small Business Strategy* 17(2): 89–103.
- Tans O (2006) The fluidity of warrants: Using the Toulmin model to analyse practical discourse. In: Hitchcock D and Verheij B (eds) *Arguing on the Toulmin Model: New Essays in Argument Analysis and Evaluation*. Dordrecht: Springer, pp.219–230.
- Toulmin S (1994) *The Uses of Argument*. Cambridge: Cambridge University Press.
- Toulmin S, Rieke R and Janik A (1984) *An Introduction to Reasoning*. New York: Macmillan Publishing.
- Überbacher F (2014) Legitimation of new ventures: A review and research programme. *Journal of Management Studies* 51(4): 667–698.
- Van Balen T, Tarakci M and Sood A (2018) Do disruptive visions pay off? The impact of disruptive entrepreneurial visions on venture funding. *Journal of Management Studies*. Epub ahead of print 16 July. DOI: 10.1111/joms.12390.
- Van Eemeren FH, Garssen B, Krabbe ECW, et al. (2014) *Handbook of Argumentation Theory*. Dordrecht: Springer Science and Business Media.
- Van Werven R, Bouwmeester O and Cornelissen JP (2015) The power of arguments: How entrepreneurs convince stakeholders of the legitimate distinctiveness of their ventures. *Journal of Business Venturing* 30(4): 616–631.
- Wallnöfer M and Hacklin F (2013) The business model in entrepreneurial marketing: A communication perspective on business angels' opportunity interpretation. *Industrial Marketing Management* 42(5): 755–764.
- Wry T, Lounsbury M and Glynn MA (2011) Legitimizing nascent collective identities: Coordinating cultural entrepreneurship. *Organization Science* 22(2): 449–463.
- Zilber TB (2007) Stories and the discursive dynamics of institutional entrepreneurship: The case of Israeli high-tech after the bubble. *Organization Studies* 28(7): 1035–1054.

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