

# Trust in the sharing economy: the AirBnB case

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## Abstract

**Purpose** – The purpose of this paper is to examine sharing economy online marketplaces with the aim of understanding how trust perceptions form and get communicated through sharing economy platforms.

**Design/methodology/approach** – The authors build on online user comments and reviews as aggregated by independent third-party websites, and apply a qualitative analysis.

**Findings** – The findings show that the quantity of information and communication are important drivers towards building trust perceptions, while an overall lack of interaction between users and the marketplace provider intensifies perceived risks.

**Originality/value** – The authors validated the importance of trust and the authors have illustrated that the critical conditions that hinder trust formation are information asymmetry as well as the lack of interaction. What is also an interesting implication is that the impact of both of these can be exacerbated when there is a perceived lack of support among users and between them and the marketplace operator.

**Keywords** Trust, Information asymmetry, Sharing economy, AirBnB, Feedback mechanisms

**Paper type** Research paper

## 1. Introduction

The global economy is witnessing the emergence of the “sharing economy”, a form of electronic marketplaces where under-utilised resources and assets are re-utilised or re-combined to create value. Platforms such as AirBnB and Uber have changed the way people travel and find a place to live. What these business models have in common is the collaborative basis operations, where peers transact with unknown others. For example, in the case of AirBnB, individuals rent out part, or their entire home for short stays. In this example, engaging with the platform entails an individual placing their trust in unknown and therefore untrusted others. Furthermore, the unknown others are private individuals, rather than familiar service providers who could be potentially perceived as trustworthy due to their reputations (Lai and Tong, 2013).

Trust perceptions are critical for the success of such platforms, and their highly dynamic, self-regulating and fragile nature necessitates fresh examination of such issues. The greatest difference between sharing economy platforms and more conventional ones is that transactions are initiated online but concluded with an element of physical interaction when the online parties meet offline and face-to-face. This suggests that within this context there is a risk for a seller in terms of, for instance, the sharing of personal assets, or their personal residence location being identified, which is less intense in other contexts, and less researched by the existing literature (ter Huurne *et al.*, 2017).

This study considers the issues of perceived trust emerging from the use of sharing economy marketplaces, with a particular focus on how these are communicated through the available online review systems. Due to the emergent and salient features of the online ecosystems, research into such e-marketplaces faces new challenges. For example, the peer review system on the backbone of a distributed network of peers of any background and from anywhere is unprecedented in any business sector. Text feedback is becoming ever more popular and contains rich qualitative information about perception, preferences and



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behaviour with research showing that online reviews exert significant influence on other users' buying choices (Matzat and Snijders, 2012).

Our aim is to understand how trust perceptions form within the context of the online review system of a sharing economy marketplace. This allows us to understand the factors around which existing users tend to focus their reviews, as well as identify how these get communicated to prospective users. To achieve this aim, we formed the research question:

*RQ.* What are the factors that drive trust perceptions and are communicated through the online review system of a sharing economy marketplace?

To address this, we draw on user reviews published in AirBnB's own online platform and an independent review site that publishes user feedback for different online and offline businesses. In this paper, we consider both the technology used, as well as the wider context within which the outcomes of communication take place, and present an interpretive case study in order to offer a rich description of how trust and risk emerge within these marketplaces (Orlikowski and Baroudi, 1991).

The paper is structured as follows. First, the existing literature is reviewed to discuss core concepts pertaining to trust. Then we present our approach for analysing our case study that leads to offering details concerning our methods. This is followed by a discussion of our findings and our concluding remarks.

## 2. Background literature

### 2.1 Antecedents of trust

Trust typically denotes a person's beliefs that others will behave as expected, socially appropriately and that they will fulfil their obligations (Fan *et al.*, 2018). In addition, trust can be seen as one's willingness to be vulnerable to another's actions based on expectations and previous behaviour (Cheng *et al.*, 2019). In our study, we consider trust as a guest's belief that the other party (specifically the AirBnB host), will behave appropriately and in a benevolent manner, with the aim to provide them with a good guest experience, based on the experiences of other guests with the same host.

Within online environments, and when compared to face-to-face environments, it is more difficult to gain one's trust and further maintain it (Chen and Cheung, 2019). Within an e-commerce environment specifically, Ratnasingam (2005) argues that trust has two different forms: trust in the technology and trust in the partner. The former relates to assurances, certifications and beliefs that the technological infrastructure and the policies can minimise the risks, whereas the latter relates to one's dispositional trust, and an evaluation of one's competence, among other things (Mayer *et al.*, 1995). As far as the antecedents of trust are concerned, McKnight *et al.* (1998) suggest that these are the institutional mechanisms (institution-based trust), dispositional trust (personality-based trust), familiarity and one's first impression of the other party (knowledge- and cognition-based trust) and a cost-benefits analysis (calculative-based trust).

Considering these one by one, "institution-based trust" may take the form of clear and binding rules and regulations (e.g. escrow) pertaining to the mode of transaction (Pavlou and Gefen, 2004). Indeed, when rules and regulations are in place, users are more confident that the other party will behave as expected, and experience a greater level of trust, assuming risks away (Gefen, 2002). "Cognition-based trust" is often addressed through the concepts of privacy and security protection, and information quality (Kim *et al.*, 2008). Privacy and security protection pertain to user's perceptions that the necessary security measures exist and that sensitive information will remain protected. Information quality, on the other hand, relates to the accuracy and the completeness of the available information, but also to the ease of locating and using it (Miranda and Saunders, 2003). Next, "knowledge-based trust" is seen as the combination of one's perceived competence, benevolence and integrity (Lin, 2011) and highlights the importance of

shared goals and understanding (Chen *et al.*, 2014). Further, knowledge-based trust feeds into expectations where the more information is offered the easier it is to predict behaviour with a likelihood outcome of trusting the other party (Matzat and Snijders, 2012). Lastly, “calculative-based trust” can be seen as a cost-benefit analysis whereby users assess the costs in relation to the benefits emanating from their collaboration (Gefen *et al.*, 2003). Generally, it has been shown that the perceived risk tends to decrease as perceived benefits increase and vice versa (Gefen *et al.*, 2002). Within this context, trust suggests balancing the rewards from maintaining a relationship with the other party to the costs from resolving it (Zhao *et al.*, 2017).

### 2.2 Trust in the sharing economy

Trust is pivotal to the normal conduct and survival of any online business (Subba Rao *et al.*, 2007) and is of the utmost importance for users’ continuance intentions towards a particular online service (Zhou *et al.*, 2018). For sharing economy platforms, it is even more crucial (Cheng *et al.*, 2019). Despite the value of institution-based mechanisms, particularly when transacting with someone for the very first time, the concept is also tied to social dimensions and structures, that can only produce trust when they refer to well established and stable over time institutions (Lane and Bachmann, 1996). This is not the case for sharing economy marketplaces (Laurell and Sandström, 2017), where participating parties may not be particularly familiar with the marketplace’s underlying structures and operations. Similarly, existing users may have expectations that relate more to previous experiences in similar yet different environments, such as regular e-commerce and hospitality contexts, where the brand name and the reputation of a seller can facilitate trust (ter Huurne *et al.*, 2017). Therefore, we expect that risk will relate not only to one’s past experience with the same technology or service, but also to the accumulated experience of using alternatives and similar platforms and marketplaces.

In the sharing economy, users will eventually have face-to-face interactions when making use of the underutilised resources, which can be experienced as infringement of one’s privacy (Teubner and Flath, 2019). Therefore, some assurances are necessary to meet privacy and safety expectations. This is essential since trustworthiness, fair treatment and keeping promises can lead to continuous use of the service (Pavlou and Dimoka, 2006). Information quality and availability can contribute significantly toward strengthening cognition-based trust (Otterbacher, 2011), as the relevant provision would counteract the information asymmetry that typically exists in such contexts (Yoganarasimhan, 2013). This is also relevant for facilitating knowledge-based trust perceptions, where users, most often, transact with other parties who are individual users (vs established businesses) and therefore, it is difficult to straightforwardly evaluate the reputation of another user and be confident they will behave in good faith. However, opportunistic behaviour is always possible, and the sharing economy has increased the scope for uncertainty, where peer-to-peer letting does not involve change of ownership.

Having said that, perceived risk is related to perceived benefits (Gefen *et al.*, 2003). As products and services do not get exchanged in a permanent fashion, “sharing” is not without financial gain for those involved. Instead, it is expected that all will gain something and that individual users can access more easily and for lower costs assets that they could not otherwise own or use through more traditional routes. Therefore, from a cost-benefit analysis, participants will need to weigh the perceived benefits and judge whether these outweigh the possible costs of participating (Pfeffer-Gillett, 2016).

### 2.3 The impact of online reviews

Existing literature highlights the importance of feedback, such as online reviews and reputation systems (Noorian and Ulieru, 2010). These approaches can be used for appreciating one’s intentions (Pavlou and Dimoka, 2006) and online reviews are treated as

“a major form of computer-mediated communication” (Singh *et al.*, 2016, p. 1112) with an important impact (Torres *et al.*, 2015). For the hospitality sector, Siering *et al.* (2018) argue that such user generated content is actively used by prospective travellers as an information source for lodgings and destinations and for making their decisions.

Today, there is increased competition among hospitality businesses to achieve the highest possible ratings from their guests (Gössling *et al.*, 2018). As travellers have access to rich information (both in quantity and quality terms), they are able to assess the offerings of accommodations (Casaló *et al.*, 2015). For two-sided review systems in particular, where both guests and host can leave reviews for each other, as in the case of AirBnB, it has been found that reviews are generally more positive (Bridges and Vásquez, 2018), but that negative reviews are often perceived as more credible and authentic (Zhang, 2019). In all cases however, online reviews in such platforms are critical because they help build trust (Bulchand-Gidumal and Melián-González, 2019).

As this study is focused around the concept of trust and how such perceptions are communicated through review systems, it is important to note that online reviews are used by users not only for making a decision, but also as a way to get insight into somebody else’s prior experience (Torres *et al.*, 2015). In other words, online reviews can be used as an information source into prior consumer experiences and for disentangling the different service features that impact on user perceptions (Siering *et al.*, 2018). Moreover, online reviews tend to be seen as more useful compared to more standardised information (such as security assurances and certifications), especially because they communicate the actual experiences of others (Cheng *et al.*, 2019).

While previous studies on trust have thoroughly examined different types on online marketplaces, particularly with respect to the sharing economy research on trust is comparatively scarce (ter Huurne *et al.*, 2017). In this study, we posit that the availability of textual information via online reviews provides numerous opportunities for both guests and hosts. Guests can use them to proceed with an informed decision making regarding their choices. Hosts can use the feedback towards understanding which services are valued most and identify specific ways towards supporting particularly their guests’ trust perceptions. In doing so, we pay attention to the fact that communication between participants happens both online and offline and we therefore focus on how trust perceptions get communicated via an online review system, acknowledging that users leave feedback aiming precisely to convey their own experiences to others, while communicating both facts and opinions (Otterbacher, 2011).

### 3. Case study description: AirBnB

AirBnB is a community-oriented online marketplace that enables individuals to share, for a profit, their spare space, such as rooms or flats. As this study is focused on trust perceptions communicated through the online reviews, our description of the case is primarily devoted to aspects of the user interface, the communication tools and the review system.

The most important feature for enhancing trust is AirBnB’s review system. The review system allows guests and host to provide reviews and ratings on a five-star scale. The review system underwent several modifications over the last years. In 2014, to reduce the risk of reprisal, AirBnB introduced a 14-day period during which host and guest can write a review that is only published either after both parties have completed their review or at the end of that period. The aim of this policy is to reduce the fear of retaliation in the case of bad reviews. AirBnB also introduced a separate facility to leave private feedback, enabling members to express their dissatisfaction without their feedback being made public. In August 2017, following an intervention of the Competition and Market Authority (UK), a further modification to the review system was introduced by allowing guests who either cancel their stay or leave early, because the property does not meet their expectations, to write a review.

AirBnB participation is subjected to rules and regulations set forth by AirBnB's Terms of Service. Guests can search for a lodging and rent it following the host's approval. This suggests that the host can decline any booking with no penalties. If the host does accept the request and confirms the booking, the host can still cancel the booking at a future stage; in this case, both the guest and host are subjected to penalties with the service fees of the intermediary being non-refundable and a financial penalty for the host. Prospective guests are also able to cancel a booking. Similarly, the service fee is not refunded, and the booking fees may be refunded, but at the host's discretion. Regarding payments, AirBnB requires users to make advance payments of the entire amount (including the firm's commission), which are withheld until the period of the booking, even if the booking is for a year ahead. Finally, AirBnB accepts no liability for the use of its platform, and explicitly informs users that this should adhere to local regulations and legislation (e.g. zoning, taxation).

#### 4. Method

This study is focused on trust perceptions within the context of the sharing economy, and we use the AirBnB marketplace as our case study. Our aim is to understand how trust perceptions form within the context of the online review system of a sharing economy marketplace and how these perceptions are communicated among participants through the online review system of such platforms. The specific research question that we address is "What are the factors that drive trust perceptions and are communicated through the online review system of a sharing economy marketplace?" and our objective is to identify the features of online and offline interactions between hosts and guests that are communicated to prospective users with the aim to help them build trust perceptions.

In this study, we chose the design of a single case study around the AirBnB marketplace because we consider it to be a unique case (Yin, 2003), which has experienced extreme growth in a very short time and to date, the most popular platform within the hospitality industry. This design allows us to investigate users' trust perceptions within the real life context, and to develop an in-depth understanding without decontextualising our empirical material from its sociocultural context (Darke *et al.*, 1998). Further, this design allows us to provide a rich description of the factors driving trust perceptions and how these get communicated through the online review system, drawing from the existing literature but at the same time remaining sensitive to emerging concepts. Against this background, we adopt a bottom-up approach following the tradition of interpretivism, where data collection and analysis go hand in hand, and existing literature acts as a sensitising device (Choudrie *et al.*, 2016).

##### 4.1 Collection and analysis of empirical material

To ensure data (time and space) triangulation, we collected primary data from Inside AirBnB (insideairbnb.com), an independent website that publishes data from the AirBnB platform. Inside AirBnB periodically collects and publishes large-scale data sets from AirBnB listings, but after verifying, cleaning and aggregating them. An independent perspective was provided by material collected from Trust Pilot (trustpilot.com), a third-party review website. AirBnB's feedback mechanism has often been questioned for its trustworthiness as it is suggested that it presents only positive reviews. To overcome this issue and to prevent any bias, we used Trust Pilot's data to capture uncensored reviews (Edelman and Luca, 2014; Zervas *et al.*, 2015).

From insideairbnb.com, we focused on and collected data from a single city; namely, Athens, Greece. We opted for choosing a single city rather than the complete collection of AirBnB comments because it would be unfeasible to examine the overall comments for all the listings from all the cities AirBnB operates in using a qualitative lens. Further, we specifically chose Athens over other destinations because Athens is a year-round, popular tourist destination, which has witnessed significant growth in AirBnB listings over the

recent years; thereby, offering a rich data set. Trustpilot.com offered a smaller data set, which led us to collect all the reviews, irrespective of the destination. From both platforms, we collected data across two periods, January–April 2016 and January–April 2017 for comparison purposes and data triangulation. We filtered reviews written in languages other than English, and we also excluded shorter reviews (less than ten words) so as to ensure data saturation (Fusch and Ness, 2015). In addition to customer reviews, data triangulation was achieved by collecting and analysing a range of secondary data sources. Such secondary data derived from market reports, and various online articles that allowed us to familiarise ourselves with the firm’s policies, interpret its Term of Services, and get corroborating evidence for any claims found within the review comments.

The data were collected and analysed laterally to understand our case study while delving deeper into it, and to realise the point of theoretical saturation after gathering enough data from the multiple sources. It is for this reason that data from a second period were included. For further validation and verification purposes of the secondary and primary data, investigator triangulation was used where two authors worked on the coding of the data. Following their coding, the team of four authors would meet and discuss the findings in order to identify possible discrepancies and arrive at a mutually agreed interpretation (Sarker *et al.*, 2001). This protocol was followed to prevent any bias as two researchers acted as the “devil’s advocate”, and questioned the emerging codes and findings, which is a strategy often adopted by researchers (Choudrie *et al.*, 2016). Table I includes a summary of our data collection and analysis, detailing the relevant stages.

During the initial stage of the analysis, we proceeded with a preliminary exploration of the data, looking for words and expressions that were viewed to convey trust perceptions. We note here that there were only two among 1,265 comments with a direct reference to trust: “don’t hesitate to trust Emmanouil for your stay!” (ID: 5952749) and “I highly recommend this flat, they are very trusted” (Comment 70149743), while we found solely three with a direct reference to risk: “AVOID at all cost! Not worth the risk” (ID: 66363507), “You won’t have the risk of what happened to us” (ID: 67152729) and “I suppose this is one of the risks when you book a private place from a website” (ID: 69462656). This shows that guests typically don’t refer to trust and trust perceptions directly. As a result, it was necessary to extract trust indirectly from the collected comments, using the existing literature on trust as our main guidance and sensitising device. Specifically, during the second stage, we extracted trust in line with the existing definitions and descriptions of trust perceptions as illustrated in McKnight *et al.*’s (1998) work on institution-based trust,

Stage	Description of the process
1. Familiarisation	Review of the empirical material by reading and rereading the collected online reviews
2. Trust Extraction	Review of the empirical material, coding across the entire pool of comments around the four types of trust identified in McKnight <i>et al.</i> ’s (1998)
3. Identification of codes and themes	Coding of empirical material around first-order themes (all codes emerged directly from the data, e.g., Communication, Hospitality – Table II), and second order themes, where first-order themes were grouped together into larger categories, e.g., Level of Interaction – Table II).
4. Review of codes and themes	Two authors reviewed the themes, ensuring that the reflect accurately the topic of research, that they are mutually exclusive (no overlaps between codes) and that they are exhaustive (all relevant material coded into a code) (Miles and Huberman, 1994)
5. Reporting Findings	Final analysis of selected quotes, development of chains of evidence (Tables II and AII), revisiting the literature and developing findings

**Table I.**  
Stages of data  
collection and analysis

**Source:** Adapted from Li *et al.* (2019)

cognition-based trust, knowledge-based trust and calculative-based trust. For example, McKnight *et al.*'s (1998) note that one's perceptions regarding another's competence, benevolence and integrity feeds into their trust-related perceptions (knowledge-based trust) and that privacy perceptions feed into trust as well (cognition-based trust). As shown in Table II, we coded each guest comment along one or more types of trust. For example, Comment ID 71597530: "Nikos is a real host and a very friendly guy, easy to talk with and clear to communicate with, before and during our stay" was coded under knowledge-based trust, because the comment suggests that the guest considered their host as person who is benevolent and attentive to their guests' needs, and can therefore be trusted.

Following the extraction of trust, we moved to identifying a preliminary set of first-order themes (e.g. Communication, Hospitality and Unpleasant Interactions). These themes emerged directly from the empirical material. Next, first-order themes were merged together into tightly related concepts, while some were relabelled based on our continued comparative approach to the data and the themes. This resulted into forming our second order themes, i.e., our main categories of Level of Interaction, Information Asymmetry and Support Provision. In the next stage, two of the authors reviewed in consultation the resultant themes in order to ensure that the developed themes reflect the topic of the study, that they are mutually exclusive and that the coding scheme in its totality is exhaustive, thus further strengthening the validity and the rigour of the study (Miles and Huberman, 1994). The final stage entailed the development of the study's chains of evidence (i.e. Tables AII and II including our first and second order themes, with example narrative for each theme).

## 5. Findings and analysis

In this section, we contextualise the discussion around the identified themes and categories (Table II). Then, an explanation is provided of how trust perceptions are developed within the particular sharing economy marketplace and how these are communicated via user reviews among the participants.

### 5.1 Drivers of trust: information and interaction

Building trust is seen as a way of minimising perceived risks and their impacts, particularly when the context of interaction is somewhat impersonal (Lai and Tong, 2013). At the same time, trust relates to one's expectations about the other party's behaviour, usually along the dimensions of integrity, benevolence and competence (McCole *et al.*, 2010). With these in mind, we analysed the data with the aim of identifying the underlying conditions that lead to trust development or collapse as communicated through online reviews. While there are many different factors that can be seen as relevant to trust, such as location, room aesthetics and room description among others (Cheng *et al.*, 2019), in this study we have focused specifically on those factors that pertain to communication between guests and hosts because we are interested in identifying on the relationship between the two parties rather than the accuracy and representation matters of listings in the platform. Our analysis showed that the underlying conditions that support or obstruct trust formation and that pertain to the relationship and communication between the two parties are a combination of information asymmetry and lack of interaction between guests and hosts, exacerbated by the provision or lack of support.

**5.1.1 Level of interaction.** Based on our findings, users highly valued their host's promptness in responding to requests, prior to and after arrival. This was because guests viewed them as helpful gestures and evidences of hospitality (Communication, Table II). For example, a user commented that their host: "is a real host and a very friendly guy, easy to talk with and clear to communicate with, before and during our stay" (ID: 71597530). Similarly, when communication is poor or virtually non-existent, users emphasised this in their reviews ("I messaged Miglen multiple times and had no response at all until over a day later", ID: 65225788). This suggests

Categories	First-order themes	Narratives (examples)
Level of Interaction	Communication	“Prior to my visit Miglen was extremely helpful. Gave me tips as well as ideas on what to do once I arrived at Athens” (ID: 65225788) <i>Cognition-based trust</i>
		Nikos is a real host and a very friendly guy, easy to talk with and clear to communicate with, before and during our stay (ID: 71597530) <i>Knowledge-based trust</i>
		I told her that if she had told us we could have moved out in the morning. She said that she told us but we did not understand (ID: 69462656) <i>Cognition-based trust, knowledge-based trust</i>
		I messaged Miglen multiple times and had no response at all until over a day later (ID: 65225788) <i>Cognition-based trust</i>
		It is like she was hoping we weren't there to have someone else use that apartment. (ID: 65225788) <i>Knowledge-based trust</i>
	Hospitality	we felt immediately at home there (ID: 58398137) <i>knowledge-based trust</i>
		Dorota came all the way to airport to pick us up as we had a late night flight, we were very much pleased with this gesture of hers. (ID: 71503683) <i>Knowledge-based trust</i>
		Upon arrival there was a woman Agnes there to meet us she helped us out by telling us where we could and places to see (ID: 65225788)
		This was my first experience with airbnb and i must say totally worth it. Panos made me feel right at home from the first min of my visit (ID: 58195630) <i>Calculative-based trust</i>
		In the end I was accused of stealing a room aroma diffuser and a plastic coffee shaker both worth 7 euros (ID: 66363507) <i>Knowledge-based trust</i>
Information asymmetry	Unpleasant interactions	Property is good BUT Host and her relatives are a NIGHTMARE to deal with (ID: 66363507) <i>Calculative-based trust, knowledge-based trust</i>
		In one afternoon a guy opened the main door and came inside with a Egyptian guy who wanted to stay there in another room [...] Overall not a very good experience for us and not very safe either (ID: 71503683) <i>Cognition-based trust</i>
	Privacy and Safety	I wonder if Airbnb states these rules somewhere, but they are hard to access (Comment 95) <i>Institution-based trust, cognition-based trust</i>
		A lot of the negative reviews seem to be directed at the way Airbnb refuses to give refunds when there are extenuating circumstances (like being scammed) (Comment 95) <i>Institution-based trust</i>
	Rule accessibility	“There's no way to give a negative review on Airbnb as the hosts can block” (Comment 145) <i>Institution-based trust</i>
		The description of the apartment is perfect and what it is (ID: 71597530) <i>Knowledge-based trust, cognition-based trust</i>
	Unaware of rules	Her flat is on 1st floor and the corridors are bit smelly and dark even during the day and you have to put the light on manually [...] But may be for this money and may be in Athens you can't expect much more
	Unreliable review	
Accuracy of listing		
Condition of listing		

**Table II.**  
Categories and themes

(continued)



Categories	First-order themes	Narratives (examples)
		than this (ID: 71503683) <i>Cognition-based trust</i>
	Condition of neighbourhood	We arrived to Athens late at night and we were a little surprised with the way the neighbourhood looked. There is tons of graffiti and here in the USA that is usually an indicator of a bad neighbourhood (ID: 65225788) <i>Cognition-based trust</i>
	Importance of reviews	Having read such enthusiastic reviews of this property, we were prepared to be disappointed. Not a bit of it! (ID: 58398137) <i>Cognition-based trust</i>
	Impossible to review	Even though we stayed a horrible 12 days our booking was cancelled by the host, therefore we were unable to post a review warning others (Comment 145) <i>Knowledge-based trust, institution-based trust</i>
	Real Home	Very cosy, it is a real home and everything is very convenient and comfortable (ID: 71597530) <i>Cognition-based trust</i>
Support Provision	Support	“The response from Airbnb was very good when I called to say that the host became very violent and abusive when I simply asked if their baby was OK after hearing it cry non stop all day” (Comment 145) <i>Knowledge-based trust, institution-based trust</i>
	Helpful host	[...] but she personally was very helpful with whatever we asked. (ID: 71503683) <i>Knowledge-based trust</i>
	Indifferent	AirBnB have not taken down the listing even though there was another review complaining about the same noise issue (Comment 145) <i>Institution-based trust</i>
	Platform mediated	Was able to win the case with Airbnb. (ID: 66363507) <i>Institution-based trust</i>

**Note:** The extended comments and reviews can be found in Table AII in the Appendix

**Table II.**

that maintaining a two-way communication channel, not only before arrival, but also during the stay is important for guests visits and for the host since the quality and the promptness of the communication serve as cues for inferring credibility and integrity (Sparks *et al.*, 2013). This holds even in those instances when guests seem not to have met their hosts: “I never met foris but it felt during our conversations that I can trust him in need. [...] Anyway I recommend Foris’s apartment in many kinds” (ID: 62596224).

Next, another important theme that emerged from our analysis is hospitality (feeling unwelcome, felt at home, Table II). As trust forms when one perceives the other party as benevolent, competent and with integrity (Ridings *et al.*, 2002), being hospitable feeds into one’s competency to act as a host; therefore leading to trust perceptions. Indeed, a user highlighted that their host made them feel “immediately at home there” (ID: 58398137) with our analysis showing that users quite often leave cues in their reviews about their host’s efforts to make them feel welcome and their own appreciation in relation to trust perceptions:

I highly recommend you take time to visit with them as they have a lot of great insights to share about Athens and Greece. [...] I am happy to refer anyone to Stratos for an accommodation as he is very trustworthy, honest, and friendly. Would definitely stay at his place again. (ID: 69043244)

However, most frequent were the comments highlighting the quality of communication and upon arrival of the interaction between guests and hosts (unpleasant interactions, Table II). This was evident by users reflecting their host’s friendliness, their pleasantness and perceptions regarding their relationship with them. For instance, one user reflected on the hosting and suggested that he “is a real host and a very friendly guy, easy to talk with and

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clear to communicate with, before and during our stay” (ID: 71597530). As shown earlier, being able to communicate promptly is of paramount importance with users emphasising skills such as, the host is “easy to talk with” being important. While the extreme majority of reviews tended to praise the hospitality of the hosts, there were quite a few revealing less than ideal experiences:

The host became very violent and abusive when I simply asked if their baby was OK after hearing it cry non stop all day. [...] I feel it's very dangerous for anyone to stay at that apartment. (Comment 145)

Such reviews are primarily posted in *turstpilot.com* rather than in AirBnB. However, even in AirBnB's own review system, there are a few instances revealing similar experiences: “Property is good BUT Host and her relatives are a NIGHTMARE to deal with. [...] Not worth the risk” (ID: 66363507). In such instances, users considered it risky to choose a particular host, with negative interactions directly affecting trust perceptions.

Finally, for the theme of level of interaction level, emerging dimensions were privacy and safety. From our findings, it is evident that there were quite a few situations of users feeling uncomfortable, or having their privacy breached by the host:

She kept coming to the apartment almost every day when we were not there and touch our stuff. We did not expect that as we booked the whole place and it did not say in the house rules that the host was going to use the apartment. (ID: 69462656)

Similarly, another guest discussed that:

One afternoon a guy opened the main door and came inside with a Egyptian guy who wanted to stay there in another room. [...] Overall not a very good experience for us and not very safe either. (ID: 71503683)

Privacy has been shown to be a direct antecedent of risk, while safety, or security, to be a direct antecedent of trust (Chin *et al.*, 2018). Therefore, when either of these are lacking, trust perceptions are difficult to form.

*5.1.2 Information asymmetry.* AirBnB users typically referred to the marketplace's review system (unreliable reviews, impossible to review, Table II). They criticised the implemented policy of providing a review by the platform as unfair due to not being able to enter a negative posting: (“Even though we stayed a horrible 12 days our booking was cancelled by the host, therefore we were unable to post a review warning others”, Comment 145). They pointed out that with this system in place “There's no way to give a negative review on Airbnb as the hosts can block” (Comment 145). They explained that when a booking is cancelled, neither the host nor the guest can leave a review, regardless of why or when the cancellation occurred. In such instances, the marketplace posted an auto-generated standardised text indicating that one party cancelled the booking; however, this conceals narratives that may be viewed as negative experiences, while it frames the impact of a cancellation in a less damaging manner:

So here we are, already in Florida and trying to find a place to stay during the busiest time of the year. I can't begin to describe my level of stress. (Comment 120)

Within this context, it is worth mentioning that despite the distortion due to the policy, previous reviews were still an integral element for choosing a listing, with users referring back to these in their own reviews in order to signal their agreement or disagreement: “Having read such enthusiastic reviews of this property, we were prepared to be disappointed. Not a bit of it!” (ID: 58398137). It is also worth noting that AirBnB has been forced to change this policy by the UK Competition and Markets Authority, with effect from 31 August 2017 (Brignall, 2017).

To alleviate information asymmetry, users commented on the accuracy of the listing's provided information and its condition (accuracy of listing, condition of listing, real home, Table II). For example, a user directly noted that "The description of the apartment is perfect and what it is", further adding that "it is a real home and everything is very convenient and comfortable" (ID: 71597530). Signalling "real homes" vs "professional renting companies" is mentioned often among user reviews ("This apartment is not from a private host, but a professional renting company" ID: 71625285). This is worth noting particularly because AirBnB operates within the sharing economy, and aims to provide authentic tourist experiences, where people can experience a city just like locals and interact with local hosts who "can teach you something new about the culture" (Mildengall, 2017), which is less feasible when transacting with a business (i.e. a hotel or a professional renting company).

A third dimension related to communicating the Terms of Service and the House Rules via the platform (for each listing). Findings showed that the overall quality of the marketplace's website with regards to clarity and transparency is low that prohibited participants from accessing and appreciating the terms of service (rule accessibility, unaware of rules, Table II). A user noted that while seeking new bookings, booking cancellations, or complaints information they are faced with what is perceived to be a poorly designed website ("the website lures you in with affordable looking places that range from \$50-80 a night until you view the entire listing and it tells you there's a \$30 cleaning fee and \$20 service fee. [...] most of these problems occur because the AirBnb website is poorly functioned which can lead you to book the wrong dates and number of guests", Comment 174). This comment exhibited an unawareness of the platform's rules, due to an inability to easily access the pertinent information. Cross examining other comments, there appeared to be some consensus that it is quite difficult to locate and interpret information: ("I wonder if Airbnb states these rules somewhere, but they are hard to access. [...] I'm honestly still confused, and their legalese/terminology is hard for me to understand; and, I'm American and speak fluent American-English. The website layout is exhausting and confusing, which is the price they pay for looking flashy and trendy. [...] The rules and expectations are not made clear on the website, at least not for a first-time user; and, their terminology is non-specific and confusing", Comment 95). As a result, information asymmetry endured.

*5.1.3 Provision and lack of support.* While information asymmetry and lack of interaction related to guests' and hosts' encounters, the theme of support provision related to both these groups, as well users' encounters and interaction with AirBnB. If and when users experienced problems, frustration or other types of risks, and when particularly these were extreme, users typically attempted to resolve the situation by seeking support in the form of communicating with their host or directly with the marketplace provider. For example, one guest commented that following their unpleasant interaction with their host, they turned to Airbnb for intervention and support: "Luckily I had receipts of all the sheets, pillows and towels I bought the day I arrived in Athens and was able to win the case with Airbnb" (ID: 66363507). In this case, the marketplace provider acted as a mediator towards an issue's resolution. In other cases, however, the involvement of AirBnB was not as well received because the user evaluated them as being indifferent to their problem ("Airbnb have not taken down the listing even though there was another review complaining about the same noise issue", Comment 145).

Understandably, comments pertaining to the conduct and support provision from AirBnB are not published at the platform's review areas. Instead, they were all derived from the trustpilot.com website, with some posts published by hosts, rather than guests. The negative comments in this respect all concurred about the lack of support from the marketplace should any problem arise ("I have been a host on AirB&B for around a year for my beach house. [...] I now discover there is NO ONE at Air BB to talk to or get advice and

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the only advice I had on their help list was go to the local authorities”, Comment160). In addition, a few of these comments directly related the lack of support to their own personal safety and the platform not being trustworthy:

Airbnb did not ban these guests or even contact them directly. [...] Airbnb only cares about protecting itself, not you. [...] I strongly advise anyone thinking of hosting to JUST SAY NO! Airbnb's host guarantee is a scam. (Comment 17)

As far as the guest-host interactions are concerned, when hosts strived to accommodate their guests, guests valued it very highly, especially in their times of need, which underlines the importance of support provision:

Our host was very, very welcoming, even when there was a slight miscommunication in our check-in time, she still took care of it and of us and provided us with comfortable accommodation without letting it be a problem!. (ID: 71377792)

In many instances, such support seems to be indispensable for trust formation, as guests find themselves in unfamiliar locations. Most users formally referred to this element when relating the level of support when interacting with one another.

## 6. Discussion

AirBnB is probably the most successful peer-to-peer platform in the hospitality sector. This was confirmed by the large numbers of reviews on AirBnB's platform and elsewhere, which further suggested that AirBnB is quite successful at matching travellers with hosts (Zervas *et al.*, 2015). It has therefore attracted and continues attracting the interest of worldwide travellers. By doing so, it has made a significant impact on the tourism and accommodation sector (Guttentag, 2015).

In our study, we identified two main conditions that support or inhibit trust; information asymmetry; and lack of interaction. The impact of information asymmetry surfaced as a criticism of the review system, where reviews are considered as unreliable, and where the impact and visibility of negative reviews seems to be minimised and controlled by the platform operator. While this tactic partially addresses the impact of negative reviews, which have been found to be more credible than the positive ones (Zhang, 2019), it does not tackle the impact the information asymmetry itself. However, our findings showed that its alleviation lends itself to the formulation of trust perceptions. As shown by the user comments, they do not instinctively accept the reliability of the positive reviews and approach them with scepticism. However, in all cases users actively and explicitly communicated their assessment with respect to the accuracy of the listing, their encounters with the host, the quality of the lodging and that of the neighbourhood, as well as frequently signalling whether the listing is from a renting company or a real home. In addition, on more than a few occasions there were explicit linkages between such comments and trust: “They explained everything and they were very patient. [...] I highly recommend this flat, they are very trusted” (Comment 70149743).

The above comment needs to be evaluated considering the complexity of the Terms of Service, and appreciating that users frequently don't even read them (e.g. Milne and Culnan, 2004), or simply cursory glance by them (“I clicked on something at checkout that says I agreed to this policy (despite my not even remembering seeing that)”, Comment 78), both of which further prohibit alleviating the inherent information asymmetry. Most importantly, in relation to trust formation, information asymmetry hinders significantly cognition-based and knowledge-based trust. Specifically, low quality, unavailability and inaccessibility of information as far as the provider's contact details and service fees are concerned, as well as the terms of service there are suggestions that cognition-based trust is difficult to form. Combined, it suggests that predictability in interactions with the marketplace provider and

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the other parties will be low, while the insufficient and difficult to parse information will affect knowledge-based trust. This is further supported by a previous study within tourism research that showed trust perceptions relating directly with the quality of the information on travel sites, as well as its reliability (Bonsón Ponte *et al.*, 2015).

Our findings showed that the quality of interaction between guests and hosts was of paramount importance as positive perceptions could lead to future sales for the host and a better relationship between the guest and host. Generally, guests positive reviews signalled trust perceptions and their recommendations for future custom. Positive perceptions included, guests frequently referring to the promptness of hosts with regards to queries, responses by the hosts to the guests satisfactorily deal with, friendliness, and their competence as hosts. Considering that AirBnB and other sharing economy platforms operate on the basis that guests can build new friendships, this is particularly important. However, this relationship relies on the direct experiences of the guest and host rather than the platform. With regards to trust, our findings unearthed the elements that guests communicate within their reviews (“a real host and a very friendly guy, ID: 71597530; “cheerful, friendly and well organized hosts welcoming me with wine and spaghetti [...] very high standard in email communication – definitely 10 out of 10, and remains in touch for any assistance during your stay. [...] I highly recommend this modern apartment”, ID: 70744333). These elements reflect the hosts’ competency and benevolence, both of which directly relate to trust perceptions. That is, the guests consider the other party, i.e., the host acting in a benevolent manner (e.g. no misrepresentations, friendly character) and being competent enough to offer their services (hosting) (Pavlou and Gefen, 2004).

Finally, the cross analysis showed that the impacts of the aforementioned information asymmetry and perceptions with regards to level of interaction can be further exacerbated when users experience a lack of support from their hosts or the operator. This is especially true when disasters occur. Our findings suggested that support provision is not only integral for positive travel experiences, and therefore reviews; but a lack of it leads to poor interaction and intensified information asymmetry occurrences. The existence of a customer support infrastructure and the potential to successfully interact and communicate with, suggest that when seeking a resolution in adverse situations, a customer can contact their host or at least the provider, which offers assurances and support. In both cases, these aspects relate to trust building, and risk minimising. (Eid, 2011; Srinivasan *et al.*, 2002). Particularly for the sharing economy context, the ability to interact successfully with the provider and receive support from a customer service unit can act as a substitute of other, more formal support mechanisms for building institution-based trust or facilitating cognition-based and knowledge-based trust. In the case of the AirBnB platform, customer service and support are available through the firm’s corporate website and its call centre, which also operates an Emergency line support. Therefore, in extenuating circumstances or simply when additional information is sought (eg. support to contact a host, information on refund policy, among other things), users are directed to one of the aforementioned sources. Yet, as explained, their interaction with customer service is not always considered fruitful while in other cases, this may not even be possible. We consider that when support is lacking or is insufficient acts as the element that exacerbates user perceptions regarding risk and reduces trust perceptions. In other words, we consider that support acts as a cutting point, which pushes users towards evaluating the marketplace provider fairly negatively and considerations to disengage with them for future travels and business.

## 7. Conclusions

Trust is of the outmost importance for sharing economic platforms, as they combine both the uncertainty conditions of online marketplace, with the element of the face to face

interaction with unknown others. To date, few studies have investigated user motivation for using such platforms (Lutz and Newlands, 2018; So *et al.*, 2018), their impact on traditional sectors, such as hospitality, transportation, and others (Blal *et al.*, 2018), or for example, matters of listing accuracy, and self-representation (Schuckert *et al.*, 2018). However, studies on trust within the sharing economy are either conceptual endeavours (e.g. Etzioni, 2019; Hawlitschek *et al.*, 2018), emphasise themes, such as reputation and revenue maximisation (e.g. Abrate and Viglia, 2019; Cheng *et al.*, 2019; Tussyadiah and Park, 2018) or focus on the credibility of positive vs negative reviews (Zhang, 2019). To fill this gap, in our study we adopted a bottom-up approach based on guest online reviews towards unpacking trust perceptions and contextualising them in the case of the AirBnB platform.

In this study, we focused on AirBnB's online review system to explore how trust-related perceptions get communicated through the online comments and reviews of the platform's users. Based on our analysis, it shows that the factors that drive trust formation or collapse relate to information asymmetry and quality and quantity of interaction. Furthermore, from our findings we showed that support provision is an important driver, particularly given the absence of a face-to-face interaction. Most importantly we have unpacked three important drivers into their constituents, such as prompt communication, hospitality, and accuracy of listing among others (as shown in Table II). This study contributes to research in several ways. We illustrated that the critical conditions that hinder trust formation are information asymmetry as well as the lack of interaction. What is also an interesting implication is that the impact of both of these can be exacerbated when there is a perceived lack of support among users and between them and the marketplace operator.

This study is particularly important for practitioners and the industry. For practitioners, this study not only identifies trust being an important aspect of an online platform, but it also qualifies this by understanding the mechanisms necessary for forming trust. Trust is indeed important, but more so when it comes to the actual experience offered by the sharing economy platform. Then, the platform's Terms of Service provide important provisos, which, if not properly understood, could lead users to experience high levels of perceived risk, as for example in the case of cancelled reservations.

### *7.1 Lessons learned*

Based on our findings, we have identified two particular lessons that can be of value for both academia and the industry. Qualitative feedback can be of direct value to practitioners and more so for existing and prospective AirBnB hosts. In our study we showed that guests comment on a number of things that go beyond the accuracy of the listing, cleanliness of the accommodation and their overall satisfaction with their experience, which is the norm with typical hospitality facilities. These may include comments regarding the provision of maps, tips for local shops, first day supplies and other gestures from their hosts that can be interpreted as a personal touch that enriches their experience. These review elements cannot be quantified and typically are not included in the metrics used by such platforms; however, they are valued by existing and prospective guests. As a result, such qualitative feedback can help hosts identify which of their actions contribute towards an improved service, and therefore decide whether there is value for money in further pursuing them.

### *7.2 Limitations of the research*

One of the main limitations of our research is that our study is designed around a qualitative case study; therefore, our findings need to be interpreted cautiously. Our findings are not generalisable to other cases, and especially irrespective of their sociocultural context (Darke *et al.*, 1998; Yin, 2003). However, our research aim was not to offer generalisable findings nor develop theory. Instead, our aim was to offer a rich description of what are the trust-related features that get communicated through an online review system. Thus, our findings can be

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indeed applicable for the understanding of other sharing economy marketplaces with similar contextual conditions (Walsham, 1995); for example, within the hospitality and tourism sector, and where a two-sided review system is in operation.

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ID	Title of post	Post date	Capacity
3	Owner can cancel at almost any time.	2 January 2016	G
4	Villa from Edison(Airbnb)	7 January 2016	G
6	I am a host and i did get a great customer service just by calling airbnb	7 January 2016	H
10	They don't listen	8 January 2016	G
12	Extortionist refund policy - unethical at best	12 January 2016	G
13	Hard to reach in emergency and poor resolution	12 January 2016	G
14	one word: HORRIBLE	12 January 2016	G
15	registration/verification a nightmare & invasion	12 January 2016	G
16	Deceptive Marketing Practices	13 January 2016	H
17	Airbnb will not help with damage to home, threatening guests!	14 January 2016	H
18	Appalling chat rep Kat	14 January 2016	H
19	Good way to rent your home for short periods	14 January 2016	H
20	I AM A HOST/PROPERTY OWNER	14 January 2016	H
22	Unbelievable fraud scam - no help from this company	15 January 2016	G
23	Scam for booking with airbnb. The company should be avoided.	16 January 2016	G
26	Host Guarantee is a scam	22 January 2016	H
27	Customer Services Deleted my Honest Review	23 January 2016	G
28	PLEASE NEVER BOOK THROUGH AIRBNB	23 January 2016	G
31	BAD CUSTOMER SERVICES FOR HOSTS	27 January 2016	H
32	It's OK, but not reliable, and needs more competition	30 January 2016	G
34	Horrible dishonest company! STAY AWAY! BEWARE! RUN! AVOID!	2 February 2016	G
36	Ignored me for 4 months.	2 February 2016	G
40	False advertising and filthy cabin	5 February 2016	G
41	If everyone uses it in the right way, it's a must do!	5 February 2016	G
44	Lights are on NO ONE IS HOME!!!	8 February 2016	G
48	They shut my listings down for no reason	11 February 2016	H
51	No refunds	13 February 2016	G
52	Very, very pleased and impressed with Airbnb!!	13 February 2016	H
53	Fraudsters	15 February 2016	G
56	Airbnb customer service came through!	17 February 2016	G
57	Cancellations	17 February 2016	G
59	customer service is filled with scammers	17 February 2016	H
61	Not trustworthy	17 February 2016	H
62	Unable To Collect On AirBnB Referral Award	19 February 2016	G
67	Airbnb is a Fraud	22 February 2016	G
69	Terrible customer service - they don't care	22 February 2016	G
71	They love your Money. No recourse for Consumers	22 February 2016	G
76	I got scammed for 2000 plus missed up my vacation	24 February 2016	G
79	STUPID idiots in charge of IT	26 February 2016	G
82	No recourse when you have a bad rental	28 February 2016	G
88	Excellent Customer Service	29 February 2016	G
90	Host cancelled and I was not notified of cancellation	1 March 2016	G
91	Easy and honest platform for nice people :)	1 March 2016	H
92	No response and abusive emails	2 March 2016	G
95	Most of the problems seems to be the website	3 March 2016	G
96	Biased to Host	4 March 2016	G
100	I have tried renting 4 Airbnb properties and NONE WILL RENT TO ME	6 March 2016	G
101	I'm a fan!	6 March 2016	G
104	Horrible to no customer service	7 March 2016	G
105	I hate airbnb they screwed me over.	7 March 2016	H
107	Horrible offering....	8 March 2016	G
108	Terrible service	8 March 2016	G
109	Unsatisfactory experience	8 March 2016	G
110	20+ Listings Unavailable	9 March 2016	G

(continued)

**Table AI.**  
Casebook of study –  
external review  
website (TrustPilot)

ID	Title of post	Post date	Capacity
111	Great concept, very wasteful website	9 March 2016	G
112	No problems.	11 March 2016	G
113	Prejudice, sexist, or racist site? Your opinion.	11 March 2016	G
114	Not so good....	11 March 2016	H
116	Bad experience	12 March 2016	G
118	Bad AirBnB experience in Boulder	14 March 2016	G
119	Bad Booking in Santa Monica	14 March 2016	G
120	DONT TRUST LISTED PRICES (OR FULL REFUND)	14 March 2016	G
121	FABULOUS!	14 March 2016	G&H
122	STAY AWAY FROM AIRBNB: A COMMENT FOR PROPERTY OWNERS	15 March 2016	G
123	Host cancelled my room in NYC 3 days before date	16 March 2016	G
124	Mixed Experience	16 March 2016	G
127	Hosts Neither Accept Nor Decline	17 March 2016	G
129	Just save yourself the trouble and save up some money and book a hotel.	18 March 2016	G
130	Customer Service.....bad DO NOT USE AIRBNB	19 March 2016	G
132	Customer service is absolutely the worst	20 March 2016	G
133	Horrible experience	20 March 2016	G
134	Misleading	20 March 2016	G
135	They turn a simple solution into days and many phone calls of a nightmare	20 March 2016	G
139	Poor customer service - be aware of cancellations from hosts	23 March 2016	G
140	Avoid if possible	24 March 2016	G
141	Terrible customer service, incompetent company hired to perform background checks	24 March 2016	G
142	Air BNB is fuc@@@ website, never recommended use that stupid people	24 March 2016	H
143	AIRBNB is used by fraudulent HOST and they simply don't care	25 March 2016	G
144	Horrible service!!!! Beware! Charge and refund issues!!	26 March 2016	G
145	Airbnb helped us escape the very unstable host at 14 Judith St, Ashgrove, Brisbane	27 March 2016	G
148	BakedAirbnb	29 March 2016	G
149	complete fraud	29 March 2016	G
150	Not much help with problems	30 March 2016	G
151	Unhappy customer	30 March 2016	G
153	Good platform for hosts and travellers	31 March 2016	G&H
156	Host from Hell	01 April 2016	G
157	Airbnb does not care about the Host	1 April 2016	H
158	With AIRBNB your vacation plans are not safe	3 April 2016	G
159	AIRBNB = BIASED, UNPROFESSIONAL, INCOMPETENT.	3 April 2016	H
160	There is no one to help when you have a problem	3 April 2016	H
161	No ability to leave a review	4 April 2016	G
163	Unprofessional!	4 April 2016	H
168	No support for Guests if host cancels last minute	8 April 2016	G
169	they suck	8 April 2016	G
171	Always great	9 April 2016	G
173	AIRBNB NEEDS TO SCREEN THEIR HOSTS BETTER	10 April 2016	G
174	Horrible First Impression!	10 April 2016	G
175	Bar none the BEST way to stay in any city.	11 April 2016	G
177	No one at AirBnB gives a damn about You!	11 April 2016	G
180	dought is real listings and service charges excessive	13 April 2016	G
181	Cannot trust any of the host.	13 April 2016	G
182	Locked out of my account for 3 days for no real reason	14 April 2016	G
183	Good Experiences as Tenant and Host	14 April 2016	G&H
184	Not happy overall.	14 April 2016	H
185	High risk of scam hosts	15 April 2016	G
186	This is freezing company people never use this site	15 April 2016	H
187	Hit and miss, do your research	17 April 2016	G
188	NO CUSTOMER SERVICE!!!	18 April 2016	G
189	Hosts are not protected at all	18 April 2016	H
190	AIRBNB ACCOMMODATION LISTING	19 April 2016	H

Table AI.

Note: G: Guest; H: Host

First-order themes	Narrative (examples)
Communication prior arrival	Prior to my visit Miglen was extremely helpful. Gave me tips as well as ideas on what to do once I arrived at Athens
Condition of neighbourhood	We arrived to Athens late at night and we were a little surprised with the way the neighborhood looked. There is tons of graffiti and here in the US that is usually an indicator of a bad neighborhood, but after speaking to locals we realized it is just something kids do for fun and it is actually a pretty safe area
Safety	[...] Upon arrival there was a woman Agnes there to meet us she helped us out by telling us where we could and places to see [...]
Help upon arrival	I messaged Miglen multiple times and had no response at all until over a day later he told me he was in an accident which I understand but at the time I didn't know and it was very inconvenient
Unresponsiveness/Lack of communication	On our second night we receive a door bell at about 11 by Agnes because she was checking to see if we were still there. That was extremely annoying especially since we had to be up the next day at 4am to go to the airport
Privacy	My thought it she should know we are there if we booked 2 nights it's like she was hoping we weren't there to have someone else use that apartment (ID: 65225788)
Feeling unwelcome	Dorota came all the way to airport to pick us up as we had a late night flight, we were very much pleased with this gesture of hers
Helpful	Her flat is on 1st floor and the corridors are bit smelly and dark even during the day and you have to put the light on manually [...] The house needs bit refurbishing as many things seemed old for us.
Condition of listing	In one afternoon a guy opened the main door and came inside with a Egyptian guy who wanted to stay there in another room [...] Overall not a very good experience for us and not very safe either
Privacy and Safety	But may be for this money and may be in Athens you can't expect much more than this, but she personally was very helpful with whatever we asked
Value for money	Thank you very much (ID: 71503683)
Helpful host	"I've read several of the recent reviews, and notice they are either exaggeratedly positive or negative. While rentals would naturally vary by their location, a lot of the negative reviews seem to be directed at the way Airbnb refuses to give refunds when there are extenuating circumstances (like being scammed)
Unreliable reviews	However, I wonder if Airbnb states these rules somewhere, but they are hard to access [...]
Unaware of rules	The rules and expectations are not made clear on the website, at least not for a first-time user; and, their terminology is non-specific and confusing. I probably won't use Airbnb again; but, I wouldn't necessarily discourage others from using it" (Comment95)
Rule accessibility	"The response from Airbnb was very good when I called to say that the host became very violent and abusive when I simply asked if their baby was OK after hearing it cry non stop all day. [...] We got out OK but see that Airbnb have not taken down the listing even though there was another review complaining about the same noise issue
Unclear rules	I feel it's very dangerous for anyone to stay at that apartment as the host is clearly disturbed and will become hostile if anyone mentions the noise
Support	Even though we stayed a horrible 12 days our booking was cancelled by the host, therefore we were unable to post a review warning others
Indifferent	There's no way to give a negative review on Airbnb as the hosts can block" (Comment 145)
Impossible to review	[...] She said she was going to come in 3 days to change towels. [...] She kept coming to the apartment almost every day when we were not there and touch our
Unreliable reviews	
Privacy	
Unclear house rules	

(continued)

**Table AII.**  
Examples of concepts and themes

First-order themes	Narrative (examples)
Condition of listing	stuff. We did not expect that as we booked the whole place and it did not say in the house rules that the host was going to use the apartment The apartment is very old and dated. There is no hot water in the kitchen. There are missing tiles in the bathroom covered with sheets of paper and no holder for the shower head
Privacy	[...] We thought this was very kind of her so we went sightseeing in the morning and came back at 3 pm to pack but to discover that somebody had started cleaning already and had moved our stuff. [...] I told her that if she had told us we could have moved out in the morning. She said that she told us but we did not understand
Poor communication	[...] She was sweeping the floor around the suitcases and moving our stuff. I wanted to change but I had no privacy
Privacy	[...] We had such a stressful time. We were very disappointed and we would not recommend this place (ID: 69462656)
Would not recommend	Property is good BUT Host and her relatives are a NIGHTMARE to deal with. The internet was left unpaid on 3 different occasions, the boiler broke down and it took them 2 weeks to replace and I was left with no hot water, the place was not professionally cleaned and the owners sister came and went as she pleased, constantly disturbing my stay
Unpleasant hosts	I rented the property for 4 months, i spent over EUR 10,000 and in the end I was accused of stealing a room aroma diffuser and a plastic coffee shaker both worth 7 euros.. Upon replacing them, despite the fact that I had not taken them I was accused of stealing towels. Luckily I had receipts of all the sheets, pillows and towels I bought the day I arrived in Athens and was able to win the case with Airbnb. I will be carrying this matter further however and will be suing for defamation
Condition of listing	[...] AVOID at all cost! Not worth the risk (ID: 66363507)
Privacy	The description of the apartment is perfect and what it is. [...] Very cosy, it is a real home and everything is very convenient and comfortable. [...]
Value for money	Nikos is a real host and a very friendly guy, easy to talk with and clear to communicate with, before and during our stay. [...] He did not only explain everything where to go, what times and how, but he even guided us through the city with us in his spare time!
Host accused guest	[...] For example; he texted us when he change our sheets and when we came home after there was a bottle of wine on the table with two glasses [...]
Platform mediated	We highly recommend this place because of all of this and the location is perfect [...] (ID: 71597530)
Wouldn't recommend/ Risk	Having read such enthusiastic reviews of this property, we were prepared to be disappointed. Not a bit of it!
Accuracy of listing	[...] The photos do not lie. Much love and care has gone into Maria's loft and we felt immediately at home there. It is also spotlessly clean. The apartment is wonderfully well situated with Plaka's multitude of restaurants and cafes at the doorstep. [...]
Real Home	All of Athen's main archaeological treasures, including the Acropolis [...]
Good communication before and after	As for Maria, she was a warm, welcoming host and couldn't have been more helpful and charming. She speaks perfect English which was very welcome when it came to ordering taxis for us (ID: 58398137)
Kept informed	
Would recommend	
Importance of reviews	
Accuracy of listing	
Felt at home	
Helpful host	

Table AII.

**Note:** Comment number reflects the comment ID number in Table AI (Appendix), while ID number refers to the review ID provided by insideairbnb.com

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