

## Original Research

# Can Chinese Pastoral Videos be Effective for Promoting Foreign Viewers' Travel and Word-of-Mouth Intention? Exploring Characteristics of Chinese Influencer, Attributes of Content, and the Mediating Role of Parasocial Interaction

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**ABSTRACT**

This study investigates how the attributes of Chinese Pastoral Videos (CPVs) content and the characteristics of CPVs influencer affect viewers through parasocial interaction (PSI) on intention to visit China and intention of Word of Mouth (WoM) about CPVs. Results from an online survey with a US sample ( $N = 405$ ) revealed that physical attractiveness and familiarity of CPVs influencer, along with informativeness of CPVs content, were positively associated with travel intention. Only trustworthiness of CPVs influencer was positively associated with WoM intention. Second, physical attractiveness, trustworthiness, and familiarity of CPVs influencer, along with technicality of CPVs content, were positively associated with behavioral PSI. Informativeness, technicality, and entertainment of CPVs content, along with physical attractiveness and familiarity of CPVs influencer, were positively associated with cognitive PSI. Third, cognitive and behavioral PSI were positively related to travel intention and WoM intention. Finally, cognitive PSI significantly mediated the relationships among characteristics of CPVs influencer, attributes of CPVs content, travel intention and WoM intention. Meanwhile, behavioral PSI significantly mediated the relationships among characteristics of CPVs influencer, technicality of CPVs content, travel intention and WoM intention. This study highlights the potential effectiveness of Chinese pastoral videos in promoting cultural export, including cultural diffusion and visits to China.

**KEYWORDS**

Chinese pastoral videos, cultural export, characteristics of influencer, attributes of content, parasocial interaction, behavioral intention

Over the past few decades, user-generated content has exploded on social media platforms, driven by the prominence of video-sharing platforms. The prevalence of user-generated content has provided regular people with opportunities to showcase their life stories and personal expertise, attracting large followers and fostering

engagement (Moon, 2023; Wei et al., 2024). User-generated content now encompasses various topics including fitness, fashion, cosmetics and medicine, continuously evolving to meet the needs of viewers. Recently, Chinese Pastoral Videos (CPVs), created by residents of rural Chinese areas, have gained significant popularity on video-sharing platforms with their unique style. CPVs typically depict the rural lifestyles and activities of Chinese villages such as farming, cooking, and handcrafting (Guo & Abidin, 2021). They portray a 'pre-industrial seemingly' utopia infused with elements of traditional Chinese culture in which viewers engage in a ritual of viewing, discussing and sharing with others (Li & Adnan, 2023a).

In recent years, the influence of CPVs has been growing in Chinese society. According to a TikTok report (2023), the number of CPVs exceeded 4.69 billion, and the total number of views reached a staggering 2.39 trillion in mainland China by 2022. Many local governments have leveraged CPVs to enhance local cultural visibility and promote local merchandise to revive the local economy (Liang, 2022). Furthermore, CPVs have attracted significant attention overseas. On YouTube, channels dedicated to CPVs have amassed over 30 million subscribers, most of whom are non-Chinese (Liang, 2023). Recognized for distinct national hue and cultural identity, researchers argue that CPVs may serve as a type of culture export, particularly in enhancing interest and image for a travel destination (Li & Adnan, 2023a; X. Zhang et al., 2021). Indeed, CPVs offer a unique discourse, enabling viewers from diverse cultural backgrounds to appreciate Chinese traditional culture, potentially fostering favorable impressions of China and reducing existing stereotypes (Li, 2019; Zhang, 2022).

While CPVs have demonstrated significant cultural effects, previous studies were conducted to find marketing effects of CPVs with consumers' brand attitude, Word-of-Mouth (WoM), and purchase intentions (Li & Adnan, 2023a; Li et

al., 2023; Wang, 2022; Zhang, 2022). However, relatively little is studied about mechanisms of CPVs in cultural promotion context. Given the extensive viewership, and potential cultural impact, it seems crucial to understand the influence of CPVs from the perspective of cultural export. To address this gap, this study investigated how CPVs function as a cultural carrier that promotes interests in China. Specifically, this study examined whether viewing CPVs shown by influencers can be associated for foreign audiences to shape their intention to visit and spread words about China.

According to the communication-persuasion matrix (McGuire, 2001), two major components - messenger and source - determine its effectiveness in communication. Studies on influencer marketing have focused either on creator/influencer-based factors or content-based factors (Kanaveedu & Kalapurackal, 2022; Kim, 2022). This study dealt with the effects of factors with the messenger, CPVs influencer and the source, CPVs content. It examined how characteristics of CPVs influencer (e.g. physical attractiveness, trustworthiness, and familiarity) and attributes of CPVs content (e.g. informativeness, technicality, and entertainment) served as determinants affecting audiences' behavioral intentions, including intentions to visit China and to engage in Word-of-Mouth (WoM) about CPVs.

Given the real-time live communication between CPVs and viewers, the interaction between these two parties is crucial for understanding the influence of CPVs. The concept of parasocial interaction (PSI) enables researchers to understand how audiences build relationships with media personalities and how these interactions influence viewing behaviors (Kim, 2022). Previous studies (Jin et al., 2018 ; Kim, 2022; Shin & Han, 2019) have demonstrated the effectiveness of cognitive and behavioral aspects in investigating PSI's influence on viewers' perception and behavior. To understand the impact of CPVs on cultural outcomes, this study also employed cognitive and behavioral dimensions of PSI to investigate their

mediating effects between CPVs and viewers' behavioral intentions. This study examined whether the characteristics of CPVs influencer and attributes of CPVs content affected PSI. Furthermore, it explored whether PSI between influencers and viewers affected viewers' behavioral intentions. Finally, this study postulated a causal relationship whereby the characteristics of CPVs influencer and the attributes of CPVs content affected para-social interaction, which in turn influenced viewers' behavioral intentions.

### **Chinese Pastoral Videos as a Cultural Export**

With the advancement of communication technologies, the widespread use of social media has provided rural Chinese communities with increased visibility and voice. Chinese pastoral videos (CPVs) seems to embody Virno's (2004) concepts of "the social factory" and "immaterial labor", where social productions are no longer confined to factory or office, but instead produce immaterial goods such as service, cultural product, knowledge, or communication. CPVs are praised for depicting rural life, known as "yuanshengtai" in Chinese – a concept conceptualized as "unpolluted native" in Western anthropology and commonly used to represent a type of "untainted original and harmonious relationship with the natural environment" (Kendall, 2019). In essence, CPVs represent a combination of bucolic tranquility and preindustrial charm. By showcasing rudimentary farming, animal husbandry, rural cooking, and other mundane aspects of daily living, CPVs enable viewers from various cultural backgrounds to directly observe daily life in rural China (Guo & Abidin, 2021). With their aesthetically appealing visuals, leisurely pace, and exotic rural settings, CPVs effectively bridge language and cultural barriers. Unconstrained by cultural and historical contexts, CPVs may appeal to individuals across a wide range of linguistic

or cultural backgrounds, political ideologies and personal interests.

Recently, China has engaged in dialogue with the global community, aiming to share its scenic beauty and rich cultural heritage. Also proliferation of CPVs on global media platforms has broadened opportunities for cultural export. By showcasing cultural diversity grounded in cultural identity, CPVs seek to foster a common experience between China and the global community (Yu & Zhang, 2021). As a channel that narrates rural Chinese life stories, CPVs effectively expand the scope of national cultural export (Li & Adnan, 2023b). The Chinese state media have endorsed CPVs as a symbol of cultural export and an intercultural communication channel for sharing stories about China (Zhang, 2022). While previous studies on influencer marketing established impacts of exposure through influencer-generated content in promoting specific, targeted brands and products, this study concerned whether exposure to cultural content such as CPVs, which was not exactly intended for tourism of China, and interactions with influencing creators could extend to viewers' intentions to visit and talk about China amongst foreign audience.

### **Factors Affecting Intentions of Visiting China and WoM about CPVs**

#### *The Characteristics of CPVs Influencer*

Social media influencers, as a new type of third-party endorsers, utilize their blogs, tweets, and other video tools to influence consumers' decision-making process (Freberg et al., 2011; Lin et al., 2021). Compared to celebrities or public figures who are well-known through traditional media, social media influencers are often "regular people" who have become online celebrities by creating and posting content on social media. These influencers are frequently approached by brands for product endorsements or reviews (Godey et al., 2016; Nandagiri & Philip, 2018).

Studies on social media influencers have primarily focused on the crucial role of influencer credibility in marketing (Cunningham & Bright, 2012; Kanaveedu & Kalapurackal, 2022; Lee & Koo, 2015). In advertising and marketing research, endorsers (i.e. influencer) generally function as message sources in the persuasion process (Lou & Yuan, 2019). A large body of studies have verified that credibility of the message source influences the effectiveness of persuasive messages and have identified three components of source credibility: attractiveness, trustworthiness and familiarity (Hovland & Weiss, 1951; Hovland et al., 1953; Munnukka et al., 2016; Ohanian, 1990). Studies on the endorsement effects of influencers have also shown that these components of influencer credibility were significant factors associated with consumers' purchase decision-making toward specific brands (Lou & Yuan, 2019; Martensen et al., 2018; Rubin & Step, 2000). Drawing from empirical evidence, this study investigated the impact of CPVs influencer from three components.

First, physical attractiveness is a crucial factor in persuasion research and is typically defined as attractiveness of an individual's appearance. It is regarded as a crucial characteristic, as it can be visually perceived by viewers (Rubin & Step, 2000). Many studies have demonstrated that physical attractiveness exerts positive effects on individual's attitude or behavioral intention (Berscheid & Walster, 1974; Lee & Watkins, 2016; Liu et al., 2020). In this study, physical attractiveness is particularly emphasized with CPVs influencer because their contents usually are non-verbal and focus on showcasing personal characteristics. Accordingly, viewers become more attentive to their appearances than social attractiveness such as conversation skills and personal etiquette.

Second, trustworthiness is viewed as the propensity to rely on a peer with one has confidence (Moorman et al., 1992). The trustworthiness of an influencer is perceived when viewers feel that the

influencer is reliable and honest (Munnukka et al., 2016; Ohanian, 1990). According to previous studies (Amelina & Zhu, 2016; Chekima et al., 2020; Jin et al., 2018; Lou & Yuan, 2019; Wiedmann & von Mettenheim, 2021), the trustworthiness of an influencer was positively related to viewers' attitude about brand and purchase intention. As a presenters of a simple, rustic lifestyle and authentic scenes of rural Chinese villages, trustworthiness is considered essential characteristics of the CPVs influencer.

Third, familiarity is regarded as an essential factor in influencer-related research. Consumers' past exposure or association with a product or a brand can be related to familiarity (Alba & Hutchinson, 1987; Martensen et al., 2018). Familiarity reflects a sense of closeness an influencer is to consumers (Supriyanto et al., 2023) and gives a level of comfort to receivers about the sender (Martensen et al., 2018). When viewers feel a sense of familiarity with an influencer, they are more likely to embrace their opinions and possibly change their attitudes (Martensen et al., 2018). Studies also indicated a positive relationship between influencer's familiarity and individuals' behavioral intention (Fei & Lee, 2021; Lee et al., 2020; Torres et al., 2019). CPVs influencer usually appear in real-life settings alongside friends and family in videos, conveying a sense of closeness to viewers. Therefore, familiarity is proposed as one of the characteristics of CPVs influencer in this study.

Based on previous research, the following hypothesis was proposed:

- H1. The characteristics of CPVs influencer (physical attractiveness, trustworthiness, and familiarity) will be positively associated with viewers' intentions to visit China and WoM about CPVs.

### *The Attributes of CPVs Content*

Over the past decade, a variety of social media platforms have been utilized by ordinary people

to generate and distribute content such as videos, images, audio, and text. User-generated content is actively ingested and disseminated by the public, attributed to its potential for interactivity and minimal cost. Discussing the advertising value of content generated by influencers, Lou and Yuan (2019) noted that social media updates (i.e., blogs and posts) produced by influencers in their areas of expertise encompass informational and entertainment values to their subscribers. For example, beauty influencers often show how they apply makeup products and share their experience in a particular manner. Influencers also show personal qualities such as wits and charm in their posts, typically providing an enjoyable experience for their followers. Previous studies have demonstrated that informativeness and entertainment of influencer-generated content positively predicted consumers' attitude and purchase intention (Hughes et al., 2019; Lou & Yuan, 2019; Shin & Han, 2019). In addition, with the explosive growth of video platforms, consumers' demand for high-quality posts has increased. Given viewers' increased visual standards, technical quality of content becomes an important consideration for influencer-generated content in terms of affecting consumer purchase decision-making process. According to Aleti et al. (2019), visual congruence of the posts increases engagement with influencer content and is related with followers' purchase intentions. Thus, this study explored the influence of CPVs content in terms of three attributes: informativeness, entertainment, and technicality.

First, informativeness is defined as the degree to which people perceive the information they receive about a product or service as applicable (Arviansyah et al., 2018). Previous studies found that online videos are primarily viewed for their informational value (Choi & Behm-Morawitz, 2017; Dehghani et al., 2016). Individuals were more likely to respond to content if they perceived it to be informative, and the informativeness of content was positively related to viewing

intentions and perceived satisfaction (Cappella & Li, 2023; Kitarattarkarn et al., 2019). Given that the majority of CPVs focus on introducing the Chinese traditional culture and various daily activities in rural villages, the content can serve as information about the Chinese rural and traditional culture for interested viewers.

Second, entertainment is defined as the extent to which a person perceives delight or enjoyment through a particular content (Shin & Han, 2019). The entertainment factor was found to positively motivate the use of content on social media (Knoll & Proksch, 2017; Luo et al., 2011). Similarly, those who used media content as a source of entertainment sought emotional relaxation and influenced their psychological state by viewing these contents (Stoeckl et al., 2007; Verhagen & van Dolen, 2011). A positive relationship between the entertainment of short video and individuals behavioral intentions were found in several studies (Choi & Jung, 2018; Kim et al., 2021; Lee & Hwang, 2018; Park & Lee, 2021). CPVs typically feature novel Chinese things including distinctive handicrafts, and authentic culinary recipes that viewers from other cultures have never seen before. This may lead viewers to perceive the content as entertaining and exciting. Perceived entertainment value in CPVs is considered a significant factor in the present study.

Third, a common use of smartphones enables individuals to easily shoot, edit, and upload content online, providing viewers with a comprehensive understanding of visual information in various fields such as subtitles, lighting, photography props, and photography equipment (Byun, 2018). Moreover, visual elements such as layout, color, and illumination become significant factors influence viewers' immersion and response (Kim et al., 2012). Visual characteristics (editing abilities, typefaces, emojis) positively related to viewers' responses to products (Kim et al., 2012; Valentini et al., 2018). Similarly, technicality (e.g., technical editing, lighting, equipment, etc.) as a means for visual

effect influences individuals' behavioral intention (Silk et al., 2021).

Based on previous backgrounds, the following hypothesis was proposed:

- H2. The attributes of CPVs content (informativeness, entertainment, and technicality) will be positively associated with users' intentions to visit China and WoM about CPVs.

### *Para-social Interaction (PSI)*

Horton and Wohl (1956) introduced the concept of para-social interaction (PSI) to characterize individuals' responses to media personalities while consuming television programs. Specifically, PSI is the relationship a spectator develops with a performer, with perceived intimacy akin to 'real' interpersonal relationships (Dibble et al., 2016). The nature of this relationship is a simulated interaction that viewers gradually develop with media characters over time, and viewers may not be aware of its existence or influence (Kelman, 1958). Considering the interactive nature and participatory culture of social media, PSI with social media influencers could happen more complex ways. For example, when an influencer conducts a live streaming, users can watch the live and communicate with the influencer and other users by leaving comments, conversing with each other and even buying a product on site.

The conceptualization of PSI has evolved as many studies have been conducted, and numerous measures have emerged for accurately assessing parasocial interaction (Dibble et al., 2016). PSI-process scales developed by Schramm and Hartmann (2008) have been considered universal and valid measurements across various contexts (Schramm & Wirth, 2010). They posited that PSI could be conceptualized as parasocial processing, regarded as a type of interpersonal involvement (Hartmann, 2008). Based on the Two-Level Model of PSI (Hartmann et al., 2004; Klimmt et al., 2013), they

further refined the PSI-process scale comprising of three dimensions: cognitive, affective and behavioral. This scale multidimensionally measures intensity and the breadth of PSI and allows for comparisons of each dimensions (Dibble et al., 2016). The dimensions were also applied either in a whole or in part, depending on focus of specific parasocial process (Schramm & Hartmann, 2008; Schramm & Wirth, 2010;). At present, numerous studies have utilized selected parts of PSI-process scale to assess interactions between viewers and media personalities in different setting/contexts (Dibble et al., 2016; Rasmussen, 2018; Schramm & Wirth, 2010; Shin & Han, 2019). Studies that examined parasocial interaction with social media influencer employed cognitive and behavioral dimension of PSI (Rasmussen, 2018; Shin & Han, 2019), and the current study accordingly based the selected dimensions of PSI: cognitive and behavioral.

Lee and Watkins (2016) showed that PSI was affected by influencer' physical attractiveness and familiarity. Shin and Han (2019) found that the technicality and entertainment of influencer's Youtube content were positively related to PSI. A positive relationship between PSI and consumers' decision-making process was also found. Hwang and Zhang (2018) showed that PSI was positively related to viewers' purchase intention of products recommended by influencer and to electronic WoM intention for influencer' advertising. In predicting a continuous use of content, Sokolova and Perez (2021) showed that PSI positively affected individuals' intention to watch fitness-related YouTube videos continuously.

Based on previous studies, the following hypotheses were proposed:

- H3. The characteristics of CPVs influencer will be positively associated with cognitive and behavioral PSI.
- H4. The attributes of CPVs content will be positively associated with cognitive and behavioral PSI.

H5. Cognitive and behavioral PSI will be positively associated with users' intentions to visit China and WoM about CPVs.

However, several studies (Hwang & Zhang, 2018; Kim et al., 2021; Manchanda et al., 2022; Shin & Han, 2019) have shown that a mediating role of PSI, indicating that a relationship with social media influencers could influence subsequent behaviors. This implies that communication with social media influencers can lead not only to generating desires for a specific product or service but also to transferring to other related behavioral intentions (Kim, 2022).

Based on previous studies, the following hypotheses were proposed:

H6. Cognitive and behavioral PSI will mediate the relationship between the characteristics of CPVs influencer and users' intentions to visit China and WoM about CPVs.

H7. Cognitive and behavioral PSI will mediate the relationship between the attributes of CPVs content and users' intentions to visit China and WoM about CPVs.

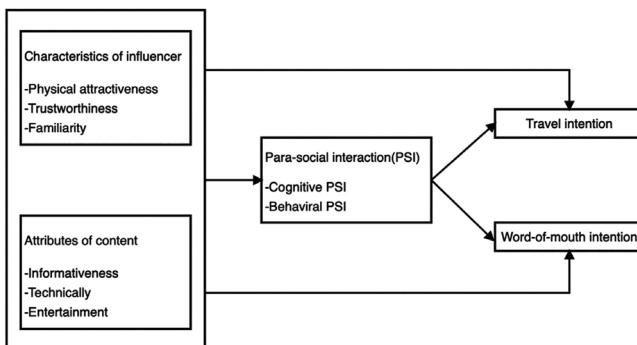
Drawing from the literature reviewed above, the research model of this study is posited and shown in Figure 1.

## METHOD

### Data Collection

To familiarize participants with the Chinese pastoral videos, two Chinese pastoral channels on YouTube, Liziqi and Dianxi Xiaoge, were selected. Two channels were chosen because they are the most popular YouTube channels depicting the Chinese pastoral content, with 19.5 million and 6.91 million followers, respectively. Participants were presented with two videos with the highest click-through rates from each channel for about 120 seconds (e.g. Liziqi: 128 million and Dianxi Xiaoge: 44 million rates). To recruit participants, an invitation with a link was randomly sent to potential participants via an online survey platform. Specially, all participants from this study read a standard consent form and informed consent was obtained at the beginning of the online survey. After agreeing to participate, respondents were instructed to view the two videos and complete questionnaires about CPVs. From May 4, 2022, to May 15, 2022, a total of 405 participants residing in the United States were recruited via Amazon Mechanical Turk (MTurk). As compensation, the researcher paid \$3 per response to the platform for collecting data. After eliminating duplicate or incomplete responses,

Figure 1. Research Model



the total number of valid samples was 396. The average age of respondents was 40.2 years ( $SD = 3.74$ ), and 64.6% were male. Most respondents had a bachelor's degree or higher (77.5%), and a quarter had a monthly income between \$3000 and \$3999 (26.0%).

## Measurement

In this study, all questions were rated on a seven-point Likert scale. Participants were asked to indicate their agreement with the given statements on a scale from 1 (*strongly disagree*) to 7 (*strongly agree*).

## Independent Variable

### *The Characteristics of Chinese Pastoral Videos (CPVs) Influencer*

*Physical attractiveness* is defined as the degree to which the appearance features elicit praise or happiness from others and is regarded as the degree of elegance, sexiness, and beauty (Lee et al., 2020). It was measured by items including "The appearance of influencer in the Chinese pastoral videos (CPVs) is average or above average," "CPVs influencer is attractive," and "CPVs influencer has an oriental beauty" ( $M = 5.46$ ,  $SD = 1.31$ , Cronbach's  $\alpha = .84$ ).

*Trustworthiness* refers to the degree of confidence in and acceptance of that individual (Chekima et al., 2020; Lou & Yuan, 2019), measured by items including "I believe that the influencer in Chinese pastoral videos (CPVs) is reliable," "I believe that the CPVs influencer is genuine," and "CPVs influencer possesses a sense of authenticity" ( $M = 5.20$ ,  $SD = 1.36$ ,  $\alpha = .86$ ).

*Familiarity* was defined as a feeling of closeness between influencer and viewers (Torres et al., 2019), measured by items including "I feel that the influencer in Chinese pastoral videos (CPVs) is near to me," "CPVs influencer makes me feel at ease," and "CPVs influencer gives me a warm sensation" ( $M = 5.10$ ,  $SD = 1.32$ ,  $\alpha = .82$ ).

### *The Attributes of Chinese Pastoral Videos (CPVs) Content*

*Informativeness* was defined as the degree to which the Chinese pastoral video is perceived as having informational value by viewers (Choi & Jung, 2018; Shin & Han, 2019). It was measured by items including "Chinese pastoral videos (CPVs) provides valuable information," "CPVs provides information that is useful for understanding the Chinese culture," and "CPVs provides a multitude of information about China" ( $M = 4.98$ ,  $SD = 1.25$ ,  $\alpha = .76$ ).

*Entertainment* referred to the viewer's perception of enjoyment the content has offered (Kim et al., 2012), measured by items including "Chinese rural videos (CPVs) is unique and I have never seen them before," "By watching novelty ideas and scenery, I feel enjoyable," "Watching the landscape of the Chinese countryside makes me enjoyable" ( $M = 5.27$ ,  $SD = 1.27$ ,  $\alpha = .88$ ).

*Technicality* was the degree to which superior editing skills and sophisticated apparatus are utilized (Shin & Han, 2019), measured by items including "Chinese pastoral videos (CPVs) uses lighting tools and decorations to enhance video quality," "To enhance the visual effect, CPVs uses traditional music, precise subtitles, and illustrations" and "CPVs editors are quite skilled" ( $M = 5.23$ ,  $SD = 1.30$ ,  $\alpha = .84$ ).

## Dependent Variable

### *Intention of Visiting China*

*Intention of visiting China* refers to the desire to travel to China after viewing CPVs (Y. Zhang et al., 2021), measured by items including "I anticipate traveling to China in the future," "If everything goes according to plan, I will plan to travel to China in the future," and "I am willing to travel to China in the future" ( $M = 5.33$ ,  $SD = 1.21$ ,  $\alpha = .82$ ).

### *Intention of WoM about CPVs*

*Intention of WoM about CPVs* was defined



as the viewers' intention to share relevant information about CPVs with others (Mikalef et al., 2013), measured by items including "I would recommend the Chinese pastoral videos (CPVs) influencers' channel to others," "I would discuss the CPVs content with others in everyday life," and "I would like to share the CPVs content on social media" ( $M = 5.25, SD = 1.29, \alpha = .86$ ).

### Mediating Variable

The concept of *para-social interaction (PSI)* has been defined as the relationship between a spectator and a performer in which there is perceived intimacy as in a 'real' interpersonal relationship (Dibble et al., 2016; Horton & Wohl, 1956). This study treated PSI as the viewers' cognitive and behavioral responses to CPVs influencer.

#### *Cognitive Para-Social Interaction (CPSI)*

The measurement of CPSI was adopted from previous studies (Schramm & Hartmann, 2008; Shin & Han, 2019). Respondents were asked to indicate their level of agreement with the following items: "When I watch the Chinese pastoral videos (CPVs), I feel like a member of her group," "I consider the CPVs influencer to be an old acquaintance" and "The CPVs influencer makes me feel at ease, as if I were with my peers" ( $M = 4.86, SD = 1.40, \alpha = .85$ ).

#### *Behavioral Para-Social Interaction (BPSI)*

The measurement of BPSI was adopted from previous studies (Schramm & Hartmann, 2008; Shin & Han, 2019). Respondents were asked to indicate their level of agreement with the following items: "If there were news about the Chinese pastoral videos (CPVs) influencer in a newspaper or website, I would read it," "If the CPVs influencer appeared on another YouTube channel, I would view it" and "I would like to meet the Chinese rural video influencer in person" ( $M = 5.20, SD = 1.20, \alpha = .79$ ).

### Control Variable

#### *Attitude Toward Chinese Culture*

Previous communication and marketing research has demonstrated that attitude toward specific brands significantly affect consumers' purchase decision-making process (Lee et al., 2020). As the primary objective of the current study was to investigate relationships among related factors with CPVs, para-social interaction with users' behavioral intentions, attitude toward the Chinese culture was placed as a control variable in the model testing. *Attitude toward the Chinese culture* refers to viewers' positive or negative reaction to the Chinese culture (Lee et al., 2020), measured by items including "I am interested in the Chinese culture," "I have a favorable attitude toward the Chinese culture" and "I prefer the Chinese culture over cultures of other countries" ( $M = 5.26, SD = 1.19, \alpha = .79$ ). Additionally, participants' demographic factors such as age and gender were also included as a control variable in this study (Lou & Yuan, 2019).

## RESULTS

### Model Testing

SPSS Amos 27.0 was used to evaluate the proposed research hypotheses, using path analysis techniques based on structural equation modeling (SEM). The analyses were conducted using 5,000 bootstrap samples with 95% confidence intervals. First, the validity of the instruments was examined using confirmatory factor analysis (CFA). Each construct's Cronbach's alpha exceeded the minimum requirement of 0.7 (Fornell & Larcker, 1981). The model's fit in this study was within acceptable limits ( $CMIN / d.f. = 1.13, p < .001$ ;  $CFI = .98, TLI = .97$ ;  $RMSEA = .03$ ;  $SRMR = .08$ ). Secondly, factor loading, average variance extracted (AVE), and composite reliability (CR) were used to evaluate convergent validity. These

thresholds are met by minimum requirements for factor loading (most > 0.5), AVE (most > 0.5), and CR (most > 0.7), respectively (Fornell & Larcker, 1981). Finally, discriminant validity holds if the square root of the AVE is greater than the associations between the given and other constructs for each latent construct (Fornell & Larcker, 1981). Discriminant validity of the model's holds true for off-diagonal entries (see Appendix 1).

### Direct Effects

SEM (Structural Equation Modeling) was used to investigate the research hypotheses. Participants' attitudes toward the Chinese culture and demographic variables (i.e., age, gender) were employed as control variables. Analyses showed an excellent model fit, CMIN / *d.f.* = 1.64,  $p < .001$ ; CFI = .96, TLI = .95; RMSEA = .04; SRMR = .01 (see Figure 2). The results of direct effects are summarized in Table 1. Familiarity ( $\beta = .15$ ,  $p < .001$ ) and physical attractiveness ( $\beta = .17$ ,  $p < .001$ ) of CPVs influencer were positively related to the intention to visit China. H1a was partially supported. In contrast, only trustworthiness ( $\beta = .17$ ,  $p < .001$ ) of CPVs influencer was positively associated with intention of WoM about CPVs. H1b was partially supported. Regarding attributes of CPVs content, informativeness ( $\beta = .20$ ,  $p < .001$ ) of CPVs content was positively related to intention to visit China. H2a was partially supported. However, no statistically significant relationship were found between attributes of CPVs content and intention of WoM about CPVs, thus, H2b was not supported.

Furthermore, CPVs influencer's physical attractiveness ( $\beta = .19$ ,  $p < .001$ ) and familiarity ( $\beta = .16$ ,  $p = .002$ ) were positively related to cognitive PSI (CPSI). H3a was partially supported. Physical attractiveness ( $\beta = .25$ ,  $p < .001$ ), trustworthiness ( $\beta = .13$ ,  $p = .023$ ) and familiarity ( $\beta = .16$ ,  $p = .009$ ) of CPVs influencer were positively related to Behavioral PSI (BPSI). H3b were supported.

Informativeness ( $\beta = .30$ ,  $p < .001$ ), technicality ( $\beta = .25$ ,  $p < .001$ ) and entertainment ( $\beta = .20$ ,  $p < .001$ ) of CPVs content were positively related to CPSI. H4a was supported. However, only technicality of CPVs content ( $\beta = .31$ ,  $p < .001$ ) was positively related to BPSI, thus, H4b was partially supported. Both CPSI and BPSI were positively related to intention to visit China ( $\beta_{TI} = .37$ ,  $p = .032$ ;  $\beta_{WOMI} = .31$ ,  $p < .001$ ) and intention of WoM about CPVs ( $\beta_{TI} = .37$ ,  $p = .032$ ;  $\beta_{WOMI} = .32$ ,  $p < .001$ ). H5a and H5b were supported.

### Indirect Effects

The results of indirect effects are summarized in Table 2. With respect to cognitive PSI, results indicated that CPSI played a significant mediating role in the relationship between characteristics of CPVs influencer (i.e. physical attractiveness,  $\beta = .07$ ,  $p = .013$ , 95% CI [.02, .14]; trustworthiness,  $\beta = .09$ ,  $p = .004$ , 95% CI [.04, .22]; familiarity,  $\beta = .06$ ,  $p = .012$ , 95% CI [.02, .13]) and intention to visit China. A significant mediating effect of CPSI was also shown in the relationship between characteristics of CPVs influencer (i.e. physical attractiveness,  $\beta = .03$ ,  $p = .006$ , 95% CI [.00, .10]; trustworthiness,  $\beta = .07$ ,  $p = .038$ , 95% CI [.02, .17]; familiarity,  $\beta = .11$ ,  $p = .005$ , 95% CI [.04, .31]) and intention of WoM. H6a was supported. In addition, CPSI also revealed a significant mediating effect in the relationship between the attributes of CPVs content (i.e. informativeness,  $\beta = .08$ ,  $p = .012$ , 95% CI [.02, .15]; technicality,  $\beta = .10$ ,  $p = .009$ , 95% CI [.03, .21]; entertainment,  $\beta = .05$ ,  $p = .011$ , 95% CI [.01, .13]) and intention to visit China. A full mediation effect of CPSI in the relationship between the attributes of CPVs content (i.e. informativeness ( $\beta = .04$ ,  $p = .004$ , 95% CI [.01, .09]), technicality ( $\beta = .02$ ,  $p = .004$ , 95% CI [.01, .08]) and entertainment ( $\beta = .01$ ,  $p = .003$ , 95% CI [.02, .08]) and intention of WoM was discovered. Thus, H7a were supported.

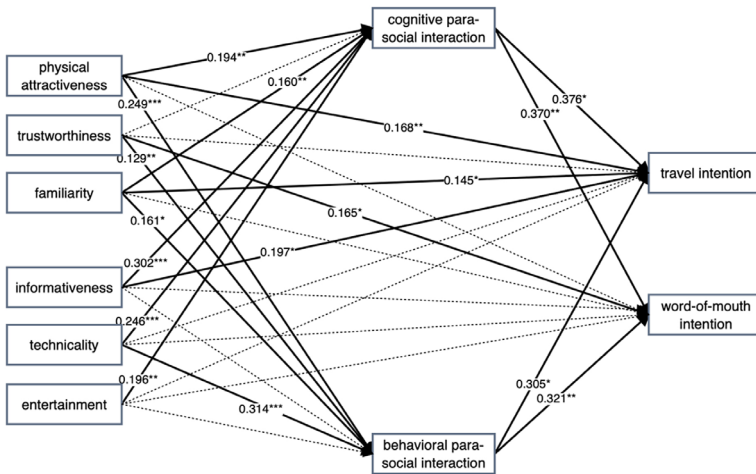
Regarding behavioral PSI, results showed that BPSI played a significant mediating effect in the

relationship between characteristics of CPVs influencer (i.e., physical attractiveness,  $\beta = .06, p = .013, 95\% \text{ CI } [.02, .13]$ ; trustworthiness,  $\beta = .07, p = .010, 95\% \text{ CI } [.03, .14]$ ; familiarity,  $\beta = .09, p = .021, 95\% \text{ CI } [.03, .27]$ ) and intention to visit China. BPSI also showed a significant mediating effect in the relationship between characteristics of CPVs influencer (i.e. physical attractiveness,  $\beta = .11, p < .01, 95\% \text{ CI } [.04, .28]$ ; trustworthiness,  $\beta = .03, p = .002, 95\% \text{ CI } [.00, .10]$ ; familiarity,  $\beta = .07, p = .015, 95\% \text{ CI } [.02, .19]$ ) and intention of WoM. Thus, H6b was supported. BPSI showed a full mediating effect in the relationship between technicality of CPVs content, intention to visit China ( $\beta = .08, p = .010, 95\% \text{ CI } [.03, .14]$ ) and intention of WoM ( $\beta = .04, p = .005, 95\% \text{ CI } [.01, .09]$ ). Thus, H7b was partially supported.

## DISCUSSION

The present study began with a question of whether culturally foreign content on global social media platforms could affect individuals from different cultures in their perceptions and behaviors. We noted that the Chinese pastoral videos, which showcase traditional and exotic lifestyles of rural areas, have garnered substantial viewership and subscribers from people across many different cultural backgrounds. Consequently, both content attributes and influencer characteristics were examined in relation to viewers' intention to visit China and to spread word about these CPVs. We considered parasocial interaction with CPVs influencer as a mediating variable, linking perceptions of

**Figure 2.** Results of Structural Equation Modeling Analysis



Note. Entries are standardized coefficients with standard errors. The proposed model fulfills the model-fit criteria: CMIN /  $df = 1.69$  ( $p < .00$ ), comparative fit index (CFI) = .96, goodness-of-fit-index (GFI) = 1.00, root mean square error of approximation (RMSEA) = .04 ( $p < .001$ ), standardized root mean square residual (SRMR) = .01, and Tucker-Lewis index (TLI) = .95.

\*  $p < .05$ . \*\*  $p < .01$ . \*\*\*  $p < .001$ .

**Table 1.** Standardized Regression Coefficients for the Structure Equation Model (Direct Effect)

Path(s)	Effect	Boot SE	LLCI	ULCI	<i>p</i>
AT -> TI	.00	.03	-.01	.02	.943
AT -> WOMI	.08	.05	-.04	.01	.063
Age -> TI	.03	.04	-.16	.13	.159
Gender -> TI	-.14	.06	.12	.30	.023
Age -> WOMI	.15	.05	.04	.22	.002
Gender -> WOMI	.03	.03	-.03	.14	.248
PA -> TI	.17	.09	.04	.27	< .001
TW -> TI	.00	.08	-.10	.09	.959
FA -> TI	.15	.09	.03	.25	< .001
IN -> TI	.20	.22	.06	.36	< .001
TE -> TI	.11	.15	-.42	.22	.010
EN -> TI	.10	.09	-.16	.17	.060
PA -> WOMI	.06	.12	-.08	.16	.262
TW -> WOMI	.17	.10	.04	.23	< .001
FA -> WOMI	-.02	.14	-.16	.09	.663
IN -> WOMI	.03	.31	-.17	.14	.635
TE -> WOMI	.13	.23	-.08	.30	.018
EN -> WOMI	.09	.18	-.47	.20	.053
PA -> BPSI	.25	.05	.12	.30	< .001
TW -> BPSI	.13	.05	.04	.15	.023
FA -> BPSI	.16	.05	.03	.23	.009
IN -> BPSI	.04	.05	-.07	.12	.486
TE -> BPSI	.31	.07	.14	.42	< .001
EN -> BPSI	.07	.04	-.03	.12	.248
PA -> CPSI	.19	.05	.12	.29	< .001
TW -> CPSI	.09	.05	-.00	.17	.076
FA -> CPSI	.16	.05	.08	.26	.002
IN -> CPSI	.30	.11	.21	.60	< .001
TE -> CPSI	.25	.08	.15	.46	< .001
EN -> CPSI	.20	.07	.09	.37	< .001
CPSI -> TI	.38	.34	.10	.59	.032
CPSI -> WOMI	.37	.60	.14	.64	.006
BPSI -> TI	.31	.33	.12	.70	< .001
BPSI -> WOMI	.32	.35	.16	.77	< .001

Note. PA = physical attractiveness, TW = trustworthiness, FA = familiarity, IN = informativeness, TE = technicality, EN = entertainment, CPSI = cognitive para-social interaction, BPSI = behavioral para-social interaction, TI = travel intention, WOMI = word-of-mouth intention; AT = attitude toward the Chinese culture (as control variable); Bootstrap = 5,000 with 95% confidence interval.

**Table 2.** Standardized Regression Coefficients for the Structure Equation Model (Indirect Effect)

Path(s)	Effect	Boot SE	LLCI	ULCI	<i>p</i>
PA -> CPSI -> TI	.07	.05	.02	.14	.013
PA -> CPSI -> WOMI	.03	.05	.00	.10	.006
PA -> BPSI -> TI	.06	.06	.02	.13	.013
PA -> BPSI -> WOMI	.11	.21	.04	.28	.002
TW -> CPSI -> TI	.09	.11	.04	.22	.004
TW -> CPSI -> WOMI	.07	.08	.02	.17	.038
TW -> BPSI -> TI	.07	.10	.03	.14	.010
TW -> BPSI -> WOMI	.03	.08	.00	.10	.032
FA -> CPSI -> TI	.06	.12	.02	.13	.012
FA -> CPSI -> WOMI	.11	.31	.04	.31	.005
FA -> BPSI -> TI	.09	.20	.03	.27	.021
FA -> BPSI -> WOMI	.07	.17	.02	.19	.015
IN -> CPSI -> TI	.08	.06	.02	.15	.012
IN -> CPSI -> WOMI	.04	.04	.01	.09	.004
IN -> BPSI -> TI	.05	.05	-.01	.13	.259
IN -> BPSI -> WOMI	.01	.04	-.02	.08	.341
TE -> CPSI -> TI	.10	.10	.03	.21	.009
TE -> CPSI -> WOMI	.02	.04	.01	.08	.004
TE -> BPSI -> TI	.08	.05	.03	.14	.010
TE -> BPSI -> WOMI	.04	.04	.01	.09	.005
EN -> CPSI -> TI	.05	.05	.01	.13	.011
EN -> CPSI -> WOMI	.01	.04	.02	.08	.003
EN -> BPSI -> TI	.11	.11	-.03	.25	.109
EN -> BPSI -> WOMI	.02	.04	-.01	.08	.110

Note. PA = physical attractiveness, TW = trustworthiness, FA = familiarity, IN = informativeness, TE = technicality, EN = entertainment, CPSI = cognitive para-social interaction, BPSI = behavioral para-social interaction, TI = travel intention, WOMI = word-of-mouth intention; Bootstrap = 5,000 with 95% confidence interval.

content and influencers to behavioral intentions. The results revealed that viewing CPVs played a significant role in viewers' behavioral intentions among non-Chinese respondents.

The following is a summary of the findings: Physical attractiveness and familiarity of CPVs influencer were positively associated with the intention to visit China. CPVs influencer who appeared attractive in traditional Chinese outfits and exuded a sense of closeness lead foreign

viewers to enhance travel intention. This result indicated that different characteristics of an influencer may appeal to various content types and contexts. For example, a study conducted by Shin and Han (2019) found that physical attractiveness and familiarity with beauty influencers had no statistically significant effect on consumers' purchase intention. Given that CPVs influencer exhibits very limited verbal expressions, foreign users might have been more

drawn to exterior beauty and felt close to these influencers. Meanwhile, only trustworthiness of CPVs influencer was positively related to intention of word-of-mouth. This indicated that viewers spread words about CPVs only when they could trust the source. If CPVs influencer aims to increase the number of views or subscribers, it is essential to earn viewers' trust. In other words, if the primary objective of CPVs influencer and cultural authorities is to promote the Chinese culture or to create a favorable image of the Chinese culture, they should develop strategies to enhance trustworthiness as a source.

Regarding CPVs content attributes, the informativeness of CPVs content was the most influential characteristic affecting travel intention. This result is consistent with previous studies in that "information pursuit" is a significant predictor of viewers' behavioral intentions (DeMarree et al., 2017). When CPVs are perceived to have informational value to foreign viewers, these pastoral videos can be an effective promoting tool for Chinese tourism and culture. This suggests that CPVs have soft power potentials to draw interests in various aspects of the Chinese culture and to foster desires to visit.

When analyzing variables related to PSI dimensions, physical attractiveness and familiarity of CPVs influencer and technicality of content showed positive associations with BPSI. This indicated that if content providers aim to increase the number of views and interactions, such as likes and comments, they should be more attentive to offering technically savvy content with influencers whose appearances are attractive and whose vibes are warm. In term of CPSI, physical attractiveness, familiarity of influencers as well as informativeness, technicality, entertainment of CPVs content were positively related to CPSI. Once again, attractiveness and familiarity turned up as essential attributes for parasocial interactions akin to friendships, which may lead to a fandom with the influencer. However, it should be noted that this kind of result may be applicable

to influencers dealing with somewhat unfamiliar, foreign cultural content. For viewers to feel these influencers as part of the same group or peers, the content should present a novel video with useful information and superior editing. Since a vast amount of new content is available to viewers on social media, the need for technically superior content seems on the rise.

CPSI which involves perceptions of camaraderie with the influencer, and BPSI which includes behaviors of communicating with the influencer were found to have positive effects on viewers' intention to visit China and intention of WoM about CPVs. Compared to other types of content, CPVs usually do not contain commercial content and present rural lifestyles including traditional cooking and handcrafting. As viewers feel inclination to become close with these influencers as friends and to interact with them, viewers are likely to visit China in the future and to spread words about these Chinese pastoral contents. In term of mediating effect of PSI, both CPSI and BPSI they have played a significant mediating role in the relationship between CPVs related variables and viewers' behavioral intentions. Specifically, the relationship between attributes of CPVs content, intention to visit China, and intention of WoM about CPVs were fully mediated by CPSI. The relationships between characteristics of CPVs influencer, intention to visit China and intention of WoM about CPVs were partially mediated by CPSI. This result proved again the significance of para-social interaction in affecting viewers' behavioral intentions. Therefore, producers or relevant parties of CPVs should consider a natural affinity with viewers and plans for generating more opportunities for viewer engagement. For instance, influencers could host onsite events, such as selecting top 10 comments or offering quiz events about the videos, which in turn, could lead viewers to expressing their thoughts and feelings in a more engaging manner.

This study discovered that CPVs, as a form of cultural export, could influence non-

Chinese viewers' intention to visit China and spread WoM. In addition, the study identified significant attributes of content and the influencer that could directly affect viewers' behavioral intentions. Specifically, the results can provide practical recommendations regarding important characteristics of an influencer. For instance, a sense of familiarity or warmth should be emphasized when selecting an influencer for CPVs to enhance intention of visit. Informativeness of CPVs content should be the primary condition to promote the channel or the influencer. The results also shed additional light on the mediating role of parasocial interaction. While previous studies on social media influencers focused primarily on their roles with brand-related and purchase variables, this study expanded to examine the potential of cultural content such as CPVs as people increasingly consume content across cultural borders. It is conceivable that CPVs can become an effective yet unofficial channel for promoting the Chinese culture and that CPVs have the potentials to construct a bridge of intercultural communication between China and other cultures. These contents could help non-Chinese community, for example, western viewers, to gain a sense of familiarity with a traditional and rural culture of China and to foster more significant non-governmental cultural exchanges.

### **Limitations and Future Research**

This current study is not without its limitations. First, the sample consisted solely of Americans. It is possible that American participants may exhibit a greater interest in rural Chinese scenery than individuals from other cultural backgrounds. It would be productive to test whether the results hold with individuals from different countries. Future study could investigate how cultural differences impact the utilization and outcomes of cultural contents such as CPVs.

Second, while this study identified key factors

related to CPVs influencer and content associated with intentions of visiting China and spreading word of CPVs, it also recognized that other relevant factors could affect the process but were not included in our research. Future study could investigate other factors pertaining to receivers such as users' motivation for engaging with CPVs contents, levels of cultural acceptance and perception of CPVs influencer as an opinion leader in relation to similar cultural/behavioral intentions.

Third, although this study controlled for attitudes toward the Chinese culture and demographic factors, other relevant factors could influence the evaluation of CPVs. For instance, Netflix users who had previously watched foreign content on other platforms were likely to show an increased interest in and viewing of foreign content (Limov, 2020). Therefore, future research should deal with factors related to social media consumption of Chinese culture-related content. Measures of the average daily viewing frequency and binge-watching frequency are of interest. Additionally, future study could also control factors related to preexisting affinities for CPVs content, such as years of lived in China and frequency of travel to China, to ensure more accurate results (Limov, 2020). Finally, this study selected two CPVs contents from only female influencers. According to social identity theory (Tausch et al., 2010), individuals may feel a stronger connection with influencer of the same gender. Therefore, future research could employ other methods, such as experimental designs, to explore causal relationships among specific variables in CPVs content of different genders (e.g., male, female). Despite these limitations, this study sheds light on the effects of the Chinese pastoral videos on international viewers from the perspective of cultural export and emphasized their significant role of the Chinese pastoral videos in promoting the Chinese culture.

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## Appendix

### Discriminant Validity and Correlation Analysis

	1	2	3	4	5	6	7	8	9	10	11
1. Physical attractiveness	—										
2. Trustworthiness	.263 <sup>***</sup>	—									
3. Familiarity	.324 <sup>***</sup>	.218 <sup>***</sup>	—								
4. Information	.309 <sup>***</sup>	.210 <sup>***</sup>	.193 <sup>***</sup>	—							
5. Technicality	.217 <sup>***</sup>	.257 <sup>***</sup>	.309 <sup>***</sup>	.156 <sup>***</sup>	—						
6. Entertainment	.252 <sup>***</sup>	.247 <sup>***</sup>	.209 <sup>***</sup>	.239 <sup>***</sup>	.319 <sup>***</sup>	—					
7. Cognitive PSI	.440 <sup>***</sup>	.342 <sup>***</sup>	.400 <sup>***</sup>	.443 <sup>***</sup>	.437 <sup>***</sup>	.426 <sup>***</sup>	—				
8. Behavioral PSI	.384 <sup>***</sup>	.314 <sup>***</sup>	.360 <sup>***</sup>	.233 <sup>***</sup>	.419 <sup>***</sup>	.292 <sup>***</sup>	.376 <sup>***</sup>	—			
9. Travel intention	.461 <sup>***</sup>	.445 <sup>***</sup>	.392 <sup>***</sup>	.363 <sup>***</sup>	.494 <sup>***</sup>	.436 <sup>***</sup>	.643 <sup>***</sup>	.584 <sup>***</sup>	—		
10. WoM intention	.576 <sup>***</sup>	.387 <sup>***</sup>	.514 <sup>***</sup>	.509 <sup>***</sup>	.518 <sup>***</sup>	.481 <sup>***</sup>	.745 <sup>***</sup>	.627 <sup>***</sup>	.634 <sup>***</sup>	—	
11. Culture attitude	.377 <sup>***</sup>	.234 <sup>***</sup>	.453 <sup>***</sup>	.154 <sup>***</sup>	.182 <sup>***</sup>	.102 <sup>***</sup>	.253 <sup>***</sup>	.262 <sup>***</sup>	.301 <sup>***</sup>	.348 <sup>***</sup>	—
<i>M</i>	5.35	5.20	5.10	4.98	5.23	5.26	4.85	5.20	5.25	5.33	5.26
<i>SD</i>	1.31	1.35	1.32	1.25	1.30	1.27	1.39	1.20	1.29	1.21	1.19
<i>AVE</i>	.637	.673	.610	.521	.640	.710	.655	.564	.602	.669	.563

<sup>\*</sup>  $p < .05$ . <sup>\*\*</sup>  $p < .01$ . <sup>\*\*\*</sup>  $p < .001$ .