



## Impact of Social Media on Language Evolution and Effective Communication

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### Abstract

The increased use of social media platforms (TikTok, Facebook, Instagram, Twitter) in communication has fundamentally altered the use of language by introducing new vocabularies (slangs, acronyms) reshaping both written and verbal communication styles. This paper evaluates the influence of social media on vocabulary, grammar and effective communication. The paper is rooted on social network theory, diffusion of innovation, and speech-community frameworks, synthesizes a qualitative review of recent case studies and desk-based textual analyses of sampled posts from TikTok, X (Twitter), Instagram, and Facebook, supplemented with relevant scholarly literature. Findings show that platform affordances and influencer dynamics promote rapid diffusion of novel vocabulary (e.g., acronyms such as LOL, TBT, idk, brb, etc.; internet-specific lexemes like simp, ghosting, ratioed; and locally emergent items such as the Nigerian trend “*No Gree for Anybody*” and youth slang “kapa”, etc.). Multimodal conventions (emojis, GIFs, memes) used across platforms frequently increase brevity and can clarify intent in short messages, but they also produce ambiguity across audiences unfamiliar with these terms. The analysis also found punctuation omission, non-standard capitalization, and truncated forms that, while efficient for rapid exchange, risk eroding norms of formal writing in academic and professional contexts. The paper also outlines how these platform-driven changes simultaneously democratize linguistic innovation and create challenges for clarity, register-control, and intergenerational comprehension. The paper concludes by recommending possible remedies to the implications outlined.

**Keywords:** Language Change, Social Media, Digital Communication, Slangs, Acronyms

### Introduction

Social media refers to online platforms either, a website or an application, where users can share information and connect with each other virtually through text, videos, photos and other contents. Effective communication entails sharing information that conveys clarity, conciseness, completeness, and accuracy between two or more people. Language evolution refers to the development of the human systems of communication; it also means the processes by which human language has changed and developed over time. Language is ever-changing and adapting to new contexts of communication. The two-decade explosion of social media has brought into being a digital ecosystem in which written language has been altered. Social media sites (Facebook, Twitter/X, Instagram, TikTok, etc.) facilitate instant global communication in text, images, and video. They typically impose conciseness (e.g., character constraints) and combining modes (text and images/emojis). These channels have developed a new order for everyday conversation. Concurrently, these technologies’ structure social ecosystems, expanding the range of human senses as “media as extensions of the human senses” and triggering social change. Media ecology theory has it that each means of communication affects both what is expressed and how and why it is expressed. In tandem, sociolinguistic accounts emphasize that language instantiates social identity and context – dimensions that are shifting fast in online networks. Therefore, to analyze contemporary uses of language, it is important to examine its diffusion and the ways social media communities construct linguistic norms. The paper discusses general patterns of social media’s impact on communication and language. We start with a review of the theories that lead to this impact on language changes. We next review other authors’ views on the subject. The central analysis looks at both the positive and negative impact of social media on language change and its implications for effective communication.

## Empirical Review

Dembe (2024) evaluated the impact of social media on language evolution using desk research methodology. His study revealed that profound and multi-faceted language changes convey meaning in the digital space. His study also reveals that the interplay between visual and textual elements in digital communication. The integration of emojis, GIFS, and memes into text-based interactions conveys a clearer meaning and brevity in communication. Conclusively, the use of images, emoji or stickers in the digital space conveys more meaning than text.

Hang (2024) also evaluated the impacts of social media on modern communication: evolution and prospects. He evaluated the influence in communication practices, it influences society (Business, Politics and Social Behavior), as well as the future expectations. From the study, the challenges of social media were outlined as: misinformation, privacy concerns and mental health issues. The emergence of technologies such as Augmented Reality (AR), Virtual Reality (VR) will shape social media communication in the future, where communication will be more immersive and 3D experience.

Zanzotto and Pannacchotti (2010) examines language evolution on social media, and they concurred that social media revolution is adding new words to our communication styles. They studied language evolution using a specific social media (Twitter) and how urban dictionaries can be used to deal with the evolving language. They added that on twitter, standard language is not used due to the short-length nature of tweets, which forces users to write in succinct style, by using acronyms, abbreviation and truncated words.

Jassim and Joshi (2023) studied the impact of social media on language and communication. They highlighted the new emergence of new linguistic strategies, such as abbreviation and hashtags. From their study, they revealed that social media has influenced linguistic norms and convention causing the acceptance of non-standard forms and the integration of slang and regional dialect. They cited that social media has enabled immediate and asynchronous interaction by fostering global communities and individuals to have their voices or freedom of expression and speech. Although posing a challenge in language evolution.

## Theoretical Review

### (a) Social Network Theory

This theory was postulated by Wasserman and Faust (1994), and it examines how systems, structures or networks influence the flow of information. In the context of social media, the users of any social media are composed of the structure in terms of “friends”, “followers” or “groups”. These structures or networks are usually large, influencing the spread of information, hence the spread of new slang, acronyms which invariably influence how people interact outside the social media space.

In empirical reviews, influencer accounts and celebrity nodes function as high-degree hubs: a single viral influencer video often propelled phrases and hashtags into mainstream awareness. Conversely, tightly clustered youth networks exhibited rapid internal adoption of slang (e.g., *kapa*) but slower outward diffusion; a pattern consistent with modular network structure where weak ties are necessary for cross-cluster diffusion. Network theory also explains how redundancy and multiplex ties increase adoption stability: when a lexical item appears repeatedly across multiple ties (text, voice note, video) it becomes resilient and more likely to be retained in the speech community.

### (b) Speech Communication Theory

Posted by Labov (1972) and Hymes (1974), who cited that language variation and change occur within groups that share norms. Social media communities, and groups now function as the modern-day speech communities; sharing a common value, identity and shapes their language choices.

The empirical examples show how social-media communities stabilize uses through normative enforcement (praise, upvotes, ridicule). When community leaders (moderators, respected creators) adopt an item, it becomes a prescriptive marker of membership. The theory helps explain why some emergent forms remain bounded within groups while others cross into general usage. Importantly, speech-community analysis reveals power differentials: who gets to define appropriate usage? Marginalized group's forms may be stigmatized by mainstream users even as they are appropriated for aesthetic consumption, a dynamic speech-community analysis can surface and critique.

### (c) Diffusion of Innovation

This theory was posted by Rogers (2003), contributing to the spread of new ideas and information, overtime. This theory explains why an idea (including language) adopted by early innovators or adopters is always accepted by

majority overtime. In the context of social media, the use of some slang, acronyms and communication styles widespread as online trends are probably accepted by the public over time.

Memers and creative content producers act as innovators; prominent accounts and influencers function as early adopters who legitimize a form; the platform's recommendation systems and mainstream media can accelerate movement to the early majority; institutions and older users represent late adopters. The compressed temporal scale (days to months) on social media contrasts with slower historical diffusion in spoken language but the categorical dynamics remain predictive. Platform affordances (character limits, video formats) function as contextual factors that alter the rate of diffusion by either lowering adoption costs (making new forms easy to use) or increasing visibility through algorithmic boosts.

## Methodology

### a) Research Design

This study employs a qualitative, multi-method design combining a focused review of empirical case studies with a desk-based textual analysis of sampled social-media posts. The intent is to identify recurring lexical innovations, communicative conventions, and perceived effects on clarity and brevity across platforms, and to synthesize those findings into cross-case themes.

### b) Scope of the Analysis

The paper focuses on Twitter/X, Facebook, Instagram, and TikTok; secondary reference to messaging apps and cross-platform phenomena where relevant, within the period of from 2018 - 2024 to capture TikTok-era multimodality, with specific attention to emergent platform effects with selective attention to Nigerian trends and Pidgin forms.

### c) Data Sources and Sampling

To validate the case-study findings, the study conducted a desk-based textual analysis using purposive sampling of publicly available posts chosen to represent:

- (a) trending lexical items and hashtags
- (b) influencer posts that have demonstrably diffused terms
- (c) representative posts from platform affordance extremes (short text-only tweets, image and caption Instagram, Facebook posts, short-form videos on TikTok).
- (d) Sampling was purposive and iterative: initial searches identified candidate lexical items and hashtags; subsequent purposive draws captured variations in form, function, and platform.

### d) Analytical approach

Two complementary qualitative procedures were applied:

1. **Thematic Analysis (Qualitative Synthesis of Case Studies):** Findings reported in the selected case studies were extracted systematically and subjected to a thematic analysis following Braun & Clarke's (2006) six-phase procedure:
  - (a) Familiarization with the material
  - (b) Generation of initial codes (lexical innovations, multimodality, brevity strategies, clarity impacts)
  - (c) Searching for themes
  - (d) Reviewing themes across cases
  - (e) Defining and naming themes
  - (f) Producing the synthesis. This enabled cross-case comparison of mechanisms (e.g., influencer diffusion, character constraints) and consequences (e.g., register shift, ambiguity).
2. **Directed Content Analysis of Sampled Posts:** lexical items and communicative features identified in the case studies were used to write a report. The report included: lexical type (acronym, initialism, novel lexeme, code-switch), multimodal adjunct (emoji, GIF, meme), grammatical deviation (punctuation omission, truncated forms), and communicative effect (brevity, disambiguation/ambiguity).

### e) Trustworthiness and Reliability

The reliability and trustworthiness of this study relies on its cross-validation across published case studies and sampled posts to reduce reliance on single sources.

### f) Ethical Considerations and Limitations

The study was limited because only publicly available posts were used; and to maintain privacy, direct identifiers were anonymized. Purposive sampling also limits claims about prevalence; the desk-based approach cannot establish causal effects; and changing platform policies may constrain data completeness.

## Positive Impacts of Social Media on Language Evolution

The positive impacts of social-media-driven language change are many, and they can be grouped into several overlapping categories: innovation and creativity, efficiency and economy of expression, identity formation and belonging, multimodal expressivity, opportunities for language revitalization and cross-cultural exchange, and beneficial economic and marketing functions.

### 1. Innovation and Lexical Creativity

From reviews, one of the most conspicuous benefits of social media is the dramatic increase in lexical innovation (Dembe, 2024; Hang, 2024). Platforms such as TikTok, Twitter/X, Instagram and WhatsApp provide low-barrier environments where users experiment with wordplay, novel coinages and repurposing of established words. The rapid emergence and spread of items such as; *ghosting*, *simp*, *ratioed*, and local terms such as the youth coinage *kapa* (for ‘phone’), or the viral phrase “*No Gree for Anybody*,” illustrate how quickly a term can move from a single post to widespread currency across spoken and written registers (Hang, 2024). This creative surge is beneficial because it expands expressive resources: new words capture new social realities or reframe existing ones with fresh nuance (e.g., *ghosting* names a relational behavior that previously required a clunky description). In sociolinguistic terms, these coinages fill lexical gaps and often provide more precise or culturally resonant labels for emergent social phenomena (Nasi, 2020).

### 2. Efficiency and Economy of Expression

Another noted impact is succinctness. Abbreviations and initialisms (e.g., *LOL*, *idk*, *brb*, *TBT*) and other compression techniques make rapid, high-frequency interaction manageable on platforms designed for short text or audiovisual content. For routine interpersonal coordination like arranging meetings, signaling availability, or offering quick feedback such economy speeds interaction and reduces friction (Tayebi, 2019). The empirical material shows numerous instances where messaging speed improves coordination in both personal and professional settings (Dembe, 2024; Hang, 2024). For example, group chats coordinating community events use quick acronyms and emoji to maintain awareness without derailing conversation threads; small misunderstandings are frequently resolved through short follow-up messages or clarifying emojis.

### 3. Multimodal Expressivity and Pragmatism

Social media’s support for images, GIFs, stickers, short video, voice notes and emoji expand the pragmatic toolkit beyond words. The combination of a short caption and an evocative GIF can transmit affective tone, sarcasm, or irony that would otherwise require multiple sentences (Tayebi, 2019). Multimodality also enables paralinguistic cues (facial expression, prosody, gestures) to be carried into digital interaction through video and voice notes, which increases the fidelity of interpersonal cues. This multimodal expressivity makes online interaction more human and nuanced: it allows users to convey humor, empathy, and emphasis succinctly. In the empirical materials, posts that paired brief text with a meme or voice clip often generated richer discussion and clearer interpretative consensus among in-group audiences than long textual posts (Zanzotto and Pannacchotti, 2010).

### 4. Identity Formation

Language is a primary vehicle for identity and group belonging. Social media provides communities where novel lexemes and stylistic practices function as membership markers. Youth slang, platform-specific jargon and community memes signal shared values and membership. The term *kapa* functions as much as an identity cue among certain Nigerian youth clusters as it does a lexical item; similarly, tech communities that use terms like *nerf* or *stack* perform in-group competence and cultural belonging (Tayebi, 2019). These identity functions foster group cohesion, provide channels for intergenerational creativity, and offer marginalized voices a space to articulate distinct identities through distinct linguistic styles (Hang, 2024).

### 5. Cross-cultural Exchange

Hashtags and viral content enable lexical items to cross regional and linguistic boundaries quickly. A phrase originating in a localized context (for example, a Nigerian Twitter expression “*No gree for anybody*”) can within days be adopted by diasporic communities and subsequently enter conversational use among non-locals. This cross-cultural movement encourages linguistic borrowing, hybridization and creative code-switching practices that enrich languages and foreground intercultural dialogue (Tayebi, 2019).

### 6. Opportunities for Language Revitalization and Minority-language Visibility

Although often overlooked, social media can support minority languages and dialects by offering platforms for their use and normalization (Tayebi, 2019; Boyd et al., 2007). Podcasts, short videos, and community pages in Nigerian Pidgin or local languages increase the visible currency of those varieties, making them accessible to younger audiences and diaspora communities like the Honestbunch and KAATruths podcasts that features

individuals from different background. The result can be a renewed interest in non-dominant varieties and the creation of new digital corpora for their study.

### 7. Educational and Pedagogical Potential

Educators have begun to harness social-media styles for pedagogical ends: micro-lessons delivered as short videos, quizzes embedded in stories, and gamified language practice take advantage of the attention economy to promote learning. When carefully scaffolded, these materials can increase engagement among learners who are otherwise disengaged by traditional methods (Tayebi, 2019; Nasi, 2020). For example, the pages of Business owners like Mrs. Chioma Eze provide Business oriented contents beneficial and educating Business owners, hence increasing Engagement in the page.

### 8. Economic and Marketing Advantages

For businesses and creators, social-media-native linguistic forms and memes are effective marketing tools. A brand that speaks the language of its demographic audience using emergent slang or remixing viral formats can achieve authenticity, higher engagement and rapid reach. This creates economic value for cultural producers and for niche communities that monetize creative output (Nasi, 2020). This is common on Twitter, Facebook, Instagram and Tiktok where Businesses leverage social media slangs such as *LOL*, “*No gree for anybody*” to sell their products and services.

### 9. Rapid sense-making and crisis communication

Due to the recommendation algorithm on these platforms, social media spreads terms and frames quickly, it can also support rapid collective sense-making during crises (Tayebi, 2019). Short, repeated lexemes and hashtags can help communities coordinate, signal solidarity, and disseminate urgent information (e.g., localized safety warnings during an emergency like the #endSARS protest of 2020). While misinformation remains a risk, the speed of digital lexical propagation provides an important channel for timely communication.

### Negative Impacts of Social Media on Language Evolution

Social media innumerable benefits come with a parallel set of challenges. The negative impacts are risks to clarity, formal registers, equity, information integrity, and broader cognitive and social processes.

#### 1. Register Erosion and Spillover into Formal Contexts

A major concern is the bleeding of informal, platform-specific conventions into formal writing and professional communication (Boyd, 2012). Instances include emails that mimic chat abbreviations, student essay drafts with chat-influenced punctuation and capitalization, and public-facing organizational posts that default to meme-based rhetoric inappropriate for their audience (Slabbert and Finlayson, 2013). The consequences are tangible: misinterpretations in formal contexts (where precision matters), diminished professional credibility, and potential evaluation penalties in educational settings where nonstandard register is penalized. The empirical materials include examples of student writing where acronyms and clipped sentence fragments carried into academic assessments, reducing clarity and inviting lower grades (Danesi, 2017; Hang, 2024; Dembe, 2024; Crystal, 2013).

#### 2. Ambiguity, Polysemy and Context Dependency

Multimodal cues enhance expressivity within communities that share context, but they also increase ambiguity when context is absent (Crystal, 2013; Hang, 2024). Emoji are polysemous: the same symbol can indicate sincerity, sarcasm, irony, or emphasis depending on the community, interlocutor, or platform (Tayebi, 2019). GIFs and memes rely on intertextual knowledge that outsiders may lack (Tayebi, 2019; Nasi, 2020). As a result, messages may be misread, conversations derailed, or reputations damaged by misinterpreted tone.

#### 3. Misinformation and Framing Effects

Terms that succinctly frame events or actors (e.g., pejorative labels, reductive hashtags like #TBT) can facilitate polarization and misinformation (Scheidel and Del, 2020). Catchy labels can attach frames to complex issues, promoting simplistic understanding or casting actors in a predetermined light. The rapid contagion of such frames across platforms amplifies their impact and makes corrective interventions more difficult.

#### 4. Inequalities of Access and Digital Literacy

Not all users have equal ability to decode emergent forms like *LOL*, *IDK*, *TBT*. Older adults, individuals with limited digital literacy, and speakers of minority languages may be disadvantaged by rapid lexical change (Hang, 2024). The digital divide therefore has a linguistic dimension: those excluded from in-group lexicons may be marginalized in online discourse and miss opportunities for social or economic engagement.

### 5. Dilution of Local Varieties

When local linguistic forms become fashionable internationally, there is a risk that their meaning and cultural context will be stripped or commodified (Slabbert and Finlayson, 2013). Viralization can transform a phrase or performance into a meme that obscures its local origins, leading to cultural appropriation and dilution of authentic meaning. This can engender resentment among original communities and produce superficial engagement rather than meaningful cross-cultural exchange.

### 6. Short-termism and attention-economy effects

The platform-driven economy of attention favors brevity, novelty and shock value like Twitter and TikTok. Linguistic practices that reward viral potential may promote rhetorical shortcuts and hyperbole over measured argument. This short-termism discourages deeper deliberation and complex expression: an outcome problematic for public discourse, democratic dialogue and academic communication (Boyd, 2012).

### 7. Cognitive Load and Memory Effects

Frequent use of abbreviations, acronyms and shorthand can alter cognitive habits around memory and composition (Dembe, 2024). The constant toggling between registers from concise social posts to longer formal tasks creates cognitive friction and may reduce the time users spend practicing extended writing, with downstream effects on attention span and argumentation skills (Nasi, 2020).

### 9. Platform Biases

Algorithms and platform design shape which linguistic items become visible. Content that matches algorithmic priorities (engagement, novelty, shareability) receives disproportionate amplification (Hang, 2024). Thus, linguistic change is not purely organic: it is co-produced by platform affordances, which can privilege certain voices and marginalize others, reproducing existing social inequalities.

### 10. Harassment and Stigmatization

Certain lexical moves become weapons. Terms that label, shame, or exclude (e.g., pejoratives applied to marginalized groups) spread rapidly and can be used to harass or exclude. Norm enforcement in online communities; policing of language, public shaming for “incorrect” usage can produce chilling effects and limit linguistic experimentation among less powerful members. For example, the use of the word “chaff” on TikTok is commonly used to refer to a fool which can stigmatize.

**Table 1: Summary of Key Findings**

Source	Platform(s)	Lexical Item	Type	Multimodal Adjunct	Communicative Impact
Synthesis in document and social Posts	Twitter/X, TikTok, Instagram	LOL, TBT, idk, brb	Acronyms & initialisms	Rarely needed (text suffices)	Brevity; efficient but opaque to unfamiliar readers
Synthesis in document and social posts	X / TikTok	simp, ghosting, ratioed, chaff	Internet-specific lexemes	Memes, GIFs, screenshots	New social concepts: quick labeling of behaviors
Social Posts	Twitter/X, Facebook, IG, and Tiktok	“No Gree for Anybody”	Trend phrase and local idiom	Video, audio, clips, hashtags	Rapid diffusion to spoken usage; marker of youth discourse
Youth slang	WhatsApp, Instagram, TikTok	kapa (Phone)	Local youth slang	Often in short video captions	Lexical adoption across spoken & written registers
ICT-group language	Niche forums, Developers, Twitter	Tech, nerf, stack, glitch	Jargon, slang	Code snippets, screenshots	In-group identity; barrier for outsiders

## Implications for Effective Communication

The positive and negative effects described above have direct implications for communicative practice across personal, educational, workplace and civic contexts.

### 1. Communicative Clarity

Practitioners must weigh speed and expressivity against potential ambiguity. In contexts where clarity is critical (legal, medical, academic), defaulting to social-media brevity is risky (Tayedi, 2019). Organizations should adopt clear style guidelines that delineate when compressed forms are acceptable and when full, explicit phrasing is required.

### 2. Pedagogical Consequences and Opportunities

Educators need to teach register awareness explicitly, with the ability to shift between social-media-informed styles and formal academic or professional registers (Boyd, 2012). Curricula that incorporate practice translating social posts into formal prose (and vice versa) help students develop metalinguistic awareness. Additionally, leveraging social-media formats pedagogically (micro-assignments, caption-writing) can increase engagement while practicing register control.

### 3. Workplace Communication Norms

Businesses and institutions should define norms for external and internal communications. Guidance on acronym use, emoji in customer-facing messages, and documentation standards help maintain credibility while allowing teams to benefit from efficient internal shorthand (Hang, 2024; Dembe, 2024).

### 4. Public Discourse and Democratic Communication

Short-form language demands new norms for deliberative discourse. Civic actors should design interventions (e.g., context-enhancing threads, linked resources, and enforced explanatory norms for viral labels) to prevent reductive framing from dominating public debate (Nasi, 2020).

### 5. Platform Responsibilities

Platform designers can adopt nudges and affordances that improve clarity without constraining expression: hover tooltips for trending terms, optional metadata that indicates sarcasm or context, or ephemeral prompts reminding users about potentially ambiguous emoji use (Danesi, 2017; Hang, 2024). Such features preserve creativity while making content more interpretable to broader audiences.

### 6. Community-level Strategies

Community moderators, educators and cultural leaders should document emergent local forms thoughtfully (e.g., community glossaries) and encourage contextualized use to prevent appropriation and misuse outside the original community (Slabbert and Finlayson, 2013).

## Conclusion

The analysis shows that social media is a potent mechanism for both the rapid creation of linguistic resources and for the transformation of communicative norms. It simultaneously democratizes innovation and concentrates visibility through platform architectures, producing benefits (expressive richness, identity formation, pedagogical opportunities) and harms (ambiguity, register erosion, inequality and commodification). The central paradox is that the same structural features that make social media fertile for innovation: low production costs, multimodal affordances, algorithmic amplification, also make it a volatile and contested space where communicative norms are negotiated in real time. From the findings of the study, the following strategies could be employed to mitigate negative outcomes in Language evolution:

1. Institutions should integrate register-awareness training into curricula: assign tasks that require moving between social-media-style expression and formal argumentation.
2. Institutions should provide rubrics that evaluate register-appropriate writing separately from content mastery to avoid penalizing students for code-switched creativity when it is not relevant to the assessment.
3. Organizations should create communication style guides that specify acceptable use of acronyms, emojis and memes in both internal and external channels.
4. Organizations could also use internal glossaries or onboarding modules to explain domain-specific jargon to new employees.

5. Platforms could offer user controls filter ambiguous content and to surface context when a term is trending across boundaries.
6. Researchers should adopt mixed-method approaches that combine quantitative tracking of diffusion with qualitative interviews to contextualize meaning.
7. Policy makers should support digital-literacy programs that include linguistic and pragmatic competence for diverse age cohorts.

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