

Population Medicine

Supplementary file

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Supplementary Table 1. The Global Quality Score (GQS) quality criteria.

Item features	Points
Poor quality; poor flow of the videos; most information missing; not at all useful for patients	1
Generally poor quality; some information listed, but many important topics missing; of very limited use to patients	2
Moderate quality; suboptimal flow; some important adequately discussed, but other information poorly discussed; somewhat useful for patients	3
Good quality and generally good flow; most of the relevant information listed, but some topics not covered; useful for patients	4
Excellent quality and flow; very useful for patients	5

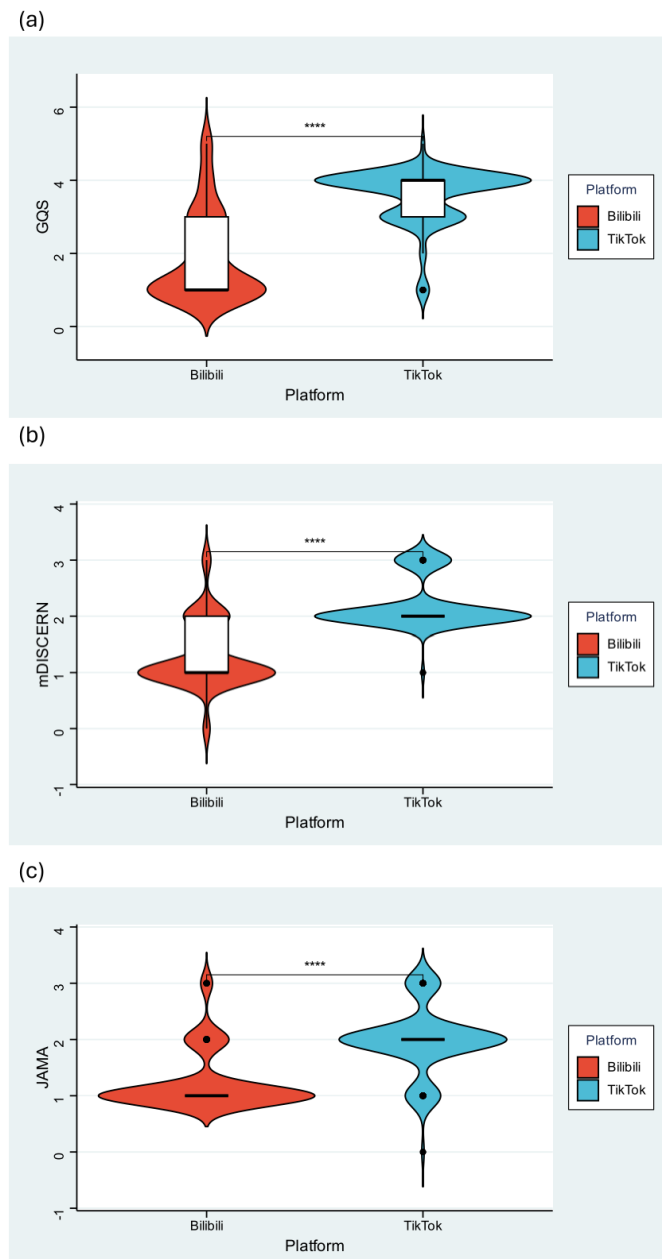
Supplementary Table 2. The Modified Decision-making Information Support Criteria for Evaluating the Reliability of Non-randomised Studies (mDISCERN) quality criteria.

Reliability Score
1. Is the video clear, concise, and understandable?
2. Are valid sources cited?
3. Is the content presented balanced and unbiased?
4. Are additional sources of content listed for patient reference?
5. Are areas of uncertainty mentioned?
* (1 point for answer 'yes', 0 point for answer 'no')

Supplementary Table 3. The inter-reviewer reliability of video quality scores

	GQS	mDISCERN	JAMA	VIQI
Cohen's k coefficients	0.613	0.722	0.835	0.623

GQS: Global Quality Scale, Mdiscern: Modified Decision-making Information Support Criteria for Evaluating the Reliability of Non-randomised Studies, JAMA: Journal of the American Medical Association, VIQI: Video Information and Quality Index.



Supplementary Figure 1. Video quality scores and the quality distribution of videos related to e-cigarettes across both platforms: (a) GQS, (b) mDISCERN, (c) JAMA. Boxes represent the interquartile range (IQR), with the horizontal line inside each box indicating the median. Whiskers extend to $1.5 \times \text{IQR}$, and filled circles denote outliers beyond $1.5 \times \text{IQR}$. GQS: Global Quality Scale, mDISCERN: modified Decision-making Information Support Criteria for Evaluating the Reliability of Non-randomised Studies, JAMA: Journal of the American Medical Association.

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