On the Importance of Performing **App Analysis Within Peer Groups**







SANER 2022







Review analysi
RQ2 & RQ3

413

App stores offer rich options

The Google Play Store has around 2.9 million apps with multiple apps that provide similar functionalities and directly compete (i.e., peer apps).

	App	User reviews	Rating	High-level feature
۱	AccuWeather	"Terrible accuracy. Keeps telling me it's snowing. No snow. Not a flake."	shakak	Forecast accuracy
	AccuWeather	"Inaccurate weather fore- casts. Says its partly sunny where it is actually overcast"	****	Forecast accuracy
<u>~</u> :	Weather Live	"Excellent accuracy in fore- casting the weather for my area"	shinhak	Forecast accuracy



Have you ever compared your app to a competitor app? Sometimes Often Very frequently

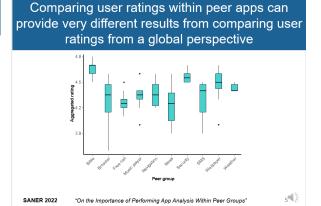
Participants' answers about the number of competing app

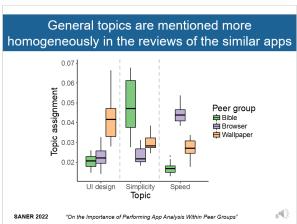
Competitor analysis is a common practice in

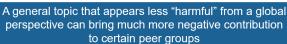
mobile app development

"FeatCompare: Feature Comparison for Competing Mobile Apps Leveraging User Reviews"

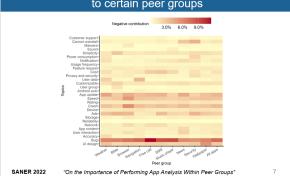
Our process for analyzing peer apps 100 top apps 6,773,653 user reviews D. Extract review tonic sample







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Take-home message for the study of peer-apps

Performing peer-app analysis can provide a unique and more relevant view than performing app analysis from a global perspective.

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