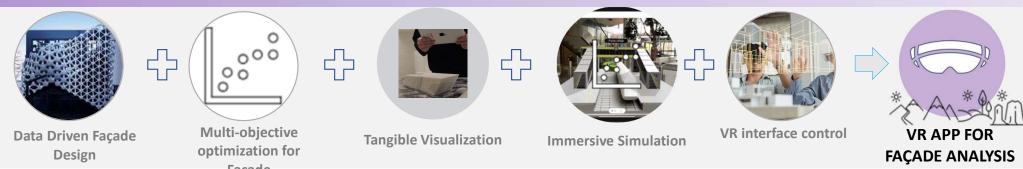
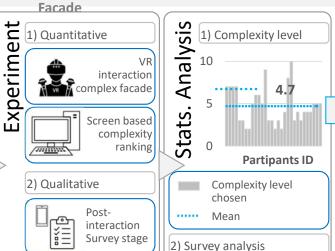
"What is the user response to complex facades created with digital fabrication, measured through virtual reality, and how does it inform future construction trends?"



R Application

- Building interior and exterior inspection
- Complexity level façade design variation selection
- Complexity Data visualization



Experiment Design

Conditions:

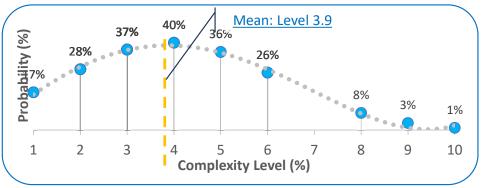
1 Building, 3 facade

patterns, 10 variations

Participant Background

parameters of complexity

Perception and



CONCLUSION:

There is an x tolerance towards complex façade with preferred patterns following XXX shapes. How does the integration of digital fabrication in complex facades influence user tolerance and acceptance, as quantified through a mixed reality experiment, to refine understanding of complex facade design and investigate correlations between user preferences and predictions in shaping future construction trends?