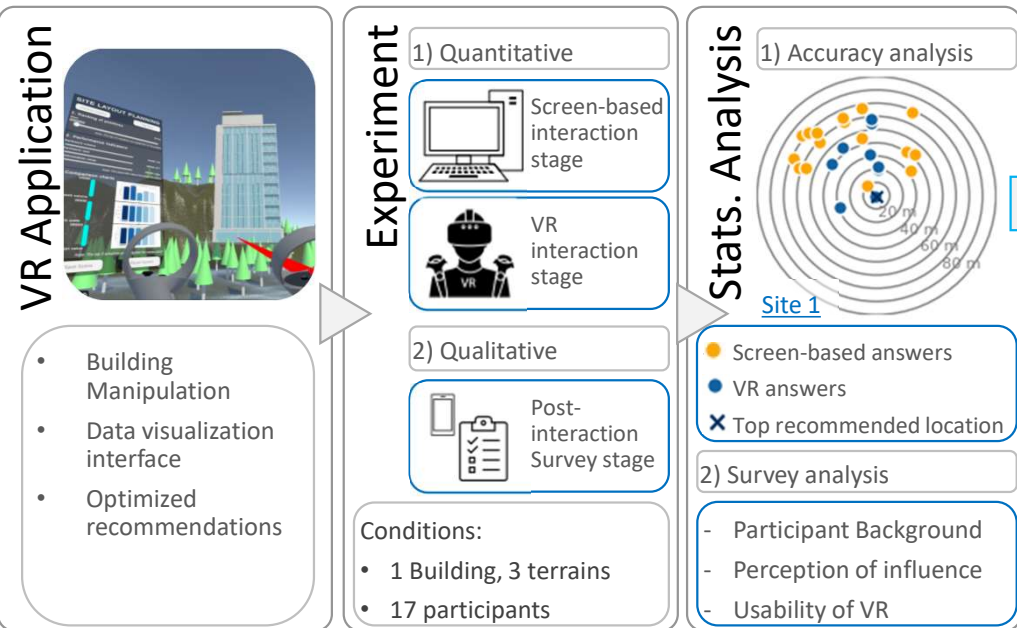
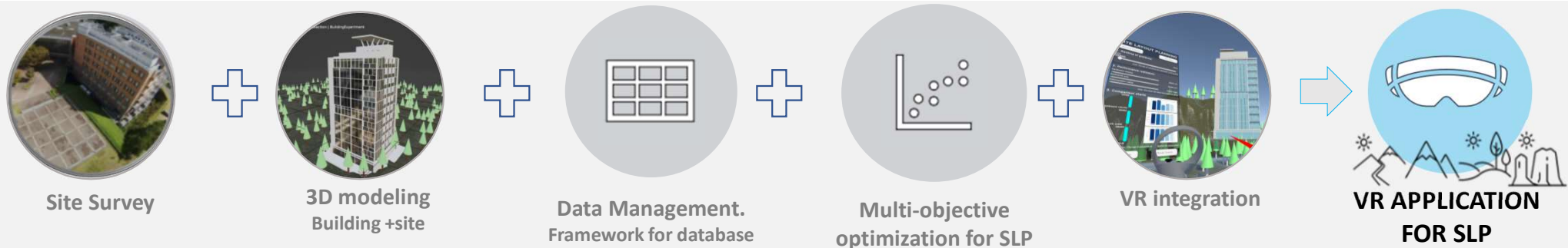
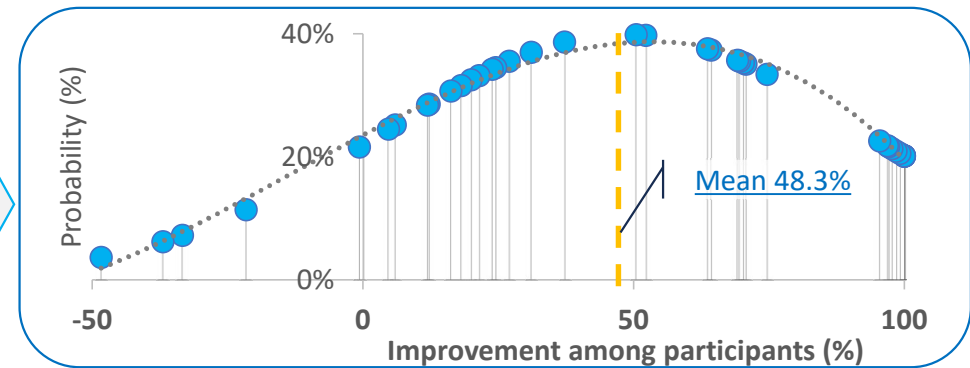


What is the potential of virtual reality (VR) simulations in improving the adoption of recommended data-driven performance-based design solutions in Site Layout Planning (SLP) design?



Experiment Design



CONCLUSION:

There is an increase in the assimilation of data-driven solutions in SLP when transitioning from screen based to a VR simulation, as shown by an improvement of accuracy averaging 48.3%. Furthermore, participants highly valued the VR experience, as indicated by survey responses.