

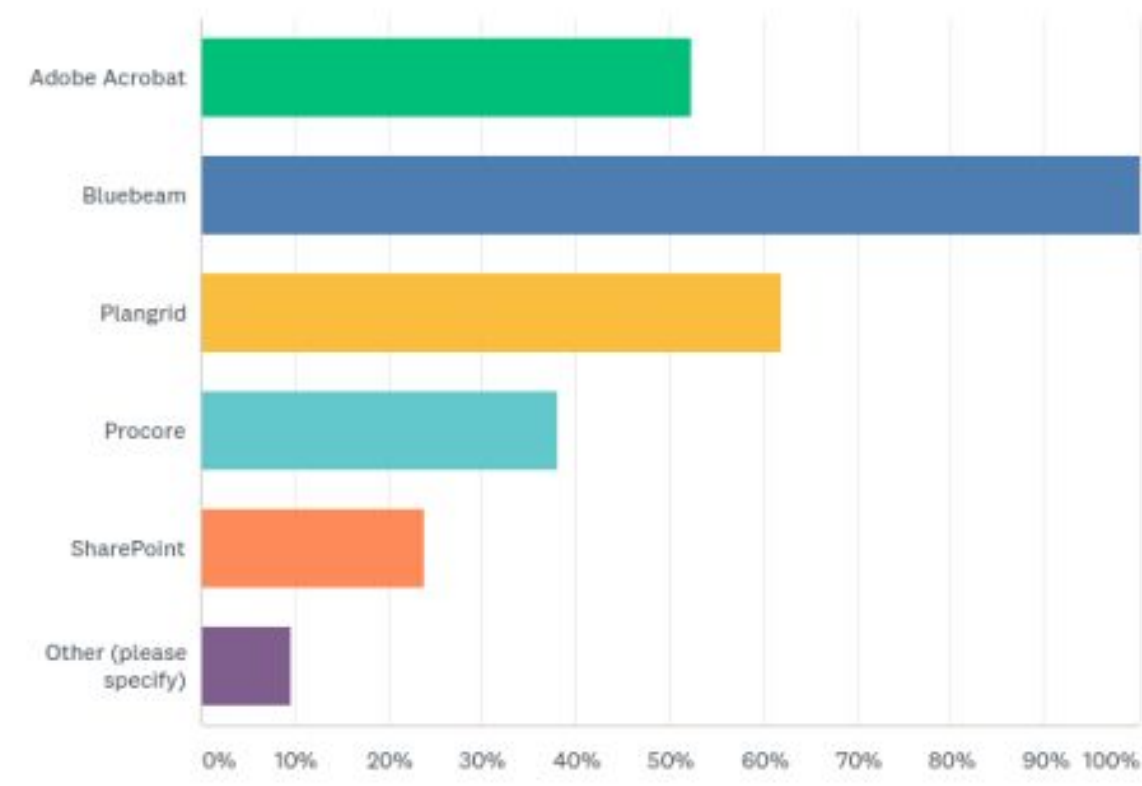
Bridging the Gap Between Technology Usage in the Construction Industry and in the Classroom

As construction begins to advance more and more everyday, technology is one of the most volatile aspects due to its ever changing nature. Technology, and all the softwares that encompass it, are the future of this industry and if we want to keep improving and growing as an industry we need to better align our future new hires with the most prevalent technology and that starts in the classroom. Specifically, the Construction Management Department at Cal Poly, San Luis Obispo, one of the most advanced in Nation, still struggles to align with the expectations and reality of the CM industry. The softwares that are being taught everyday need to better align with what new hires are expected to know. The main idea is to analyze the most prevalent softwares and technologies in the construction industry and bridge the gap between what is taught inside the classroom and what is used everyday at the jobsite.

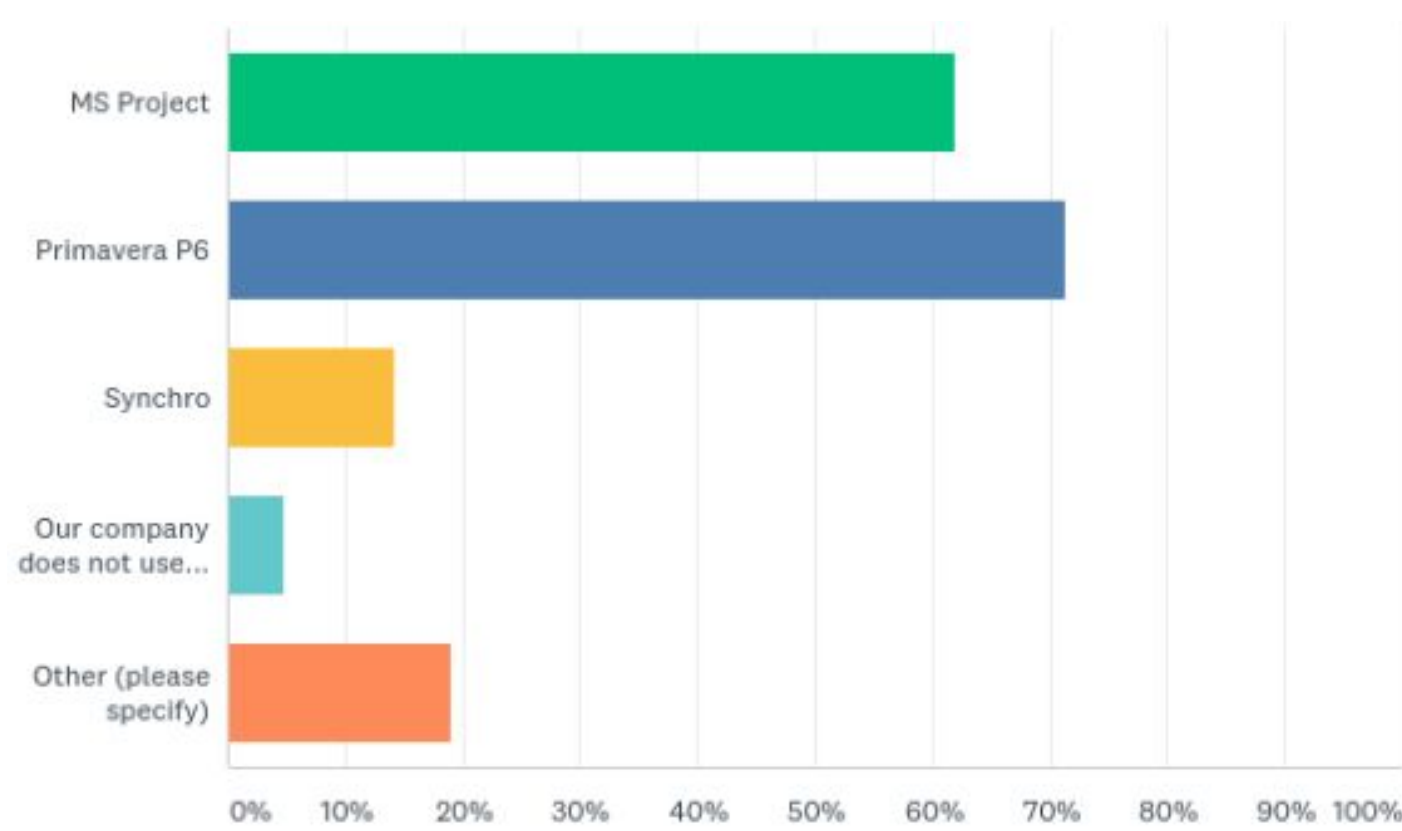
Key Words: Technology, Software, Curriculum, BIM, VDC, Cal Poly

Purpose: To adequately prepare students to be technologically competent once they graduate from the Cal Poly, San Luis Obispo Construction Management Program.

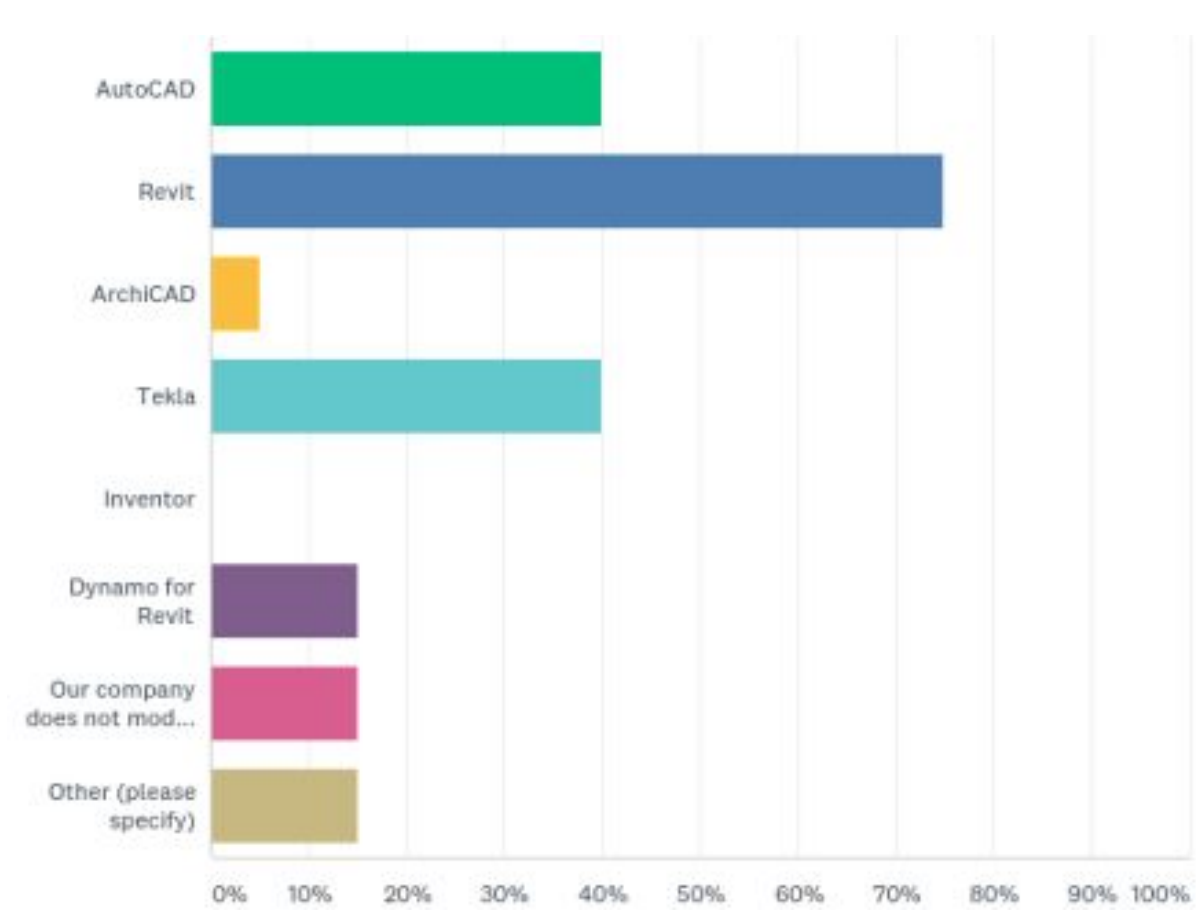
Industry



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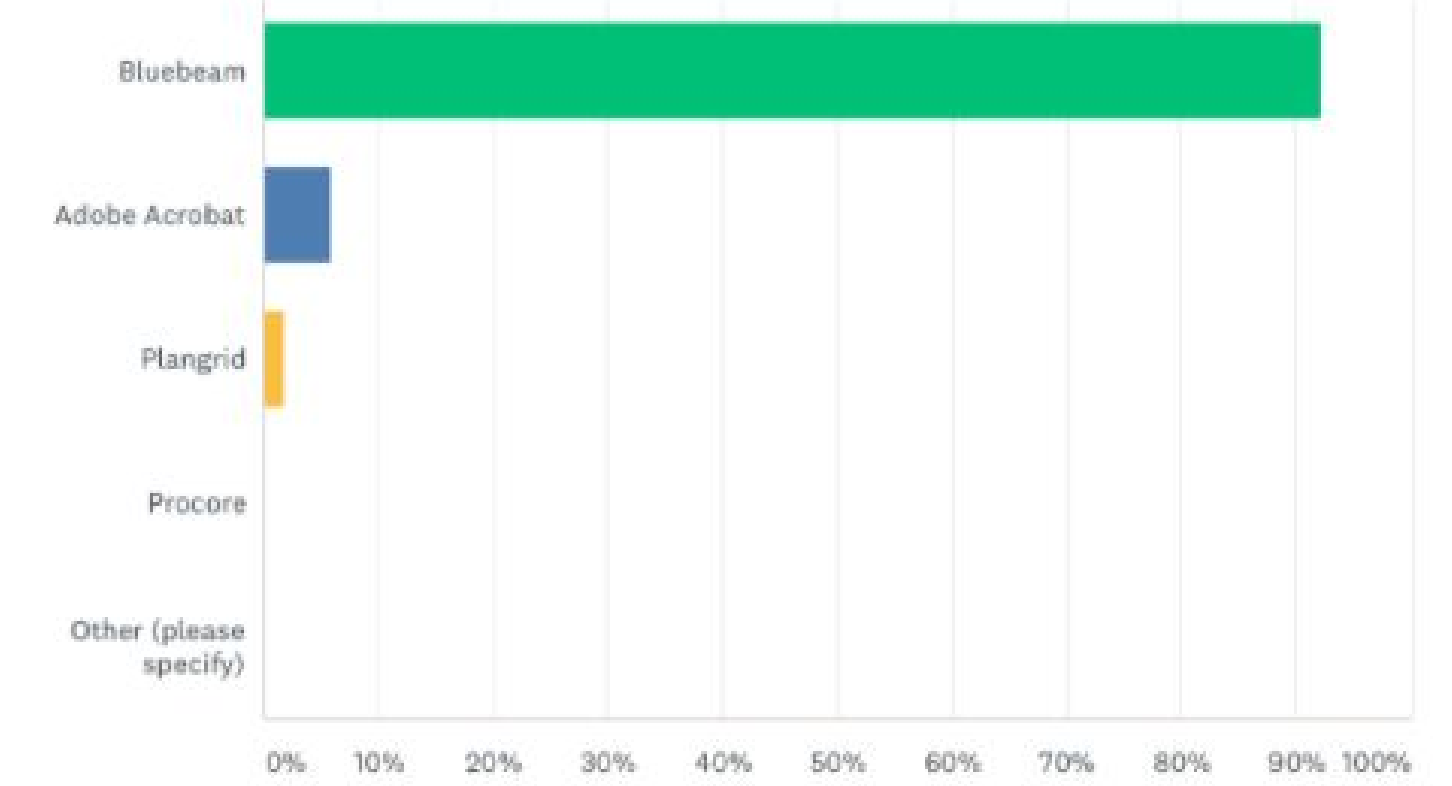


Scheduling

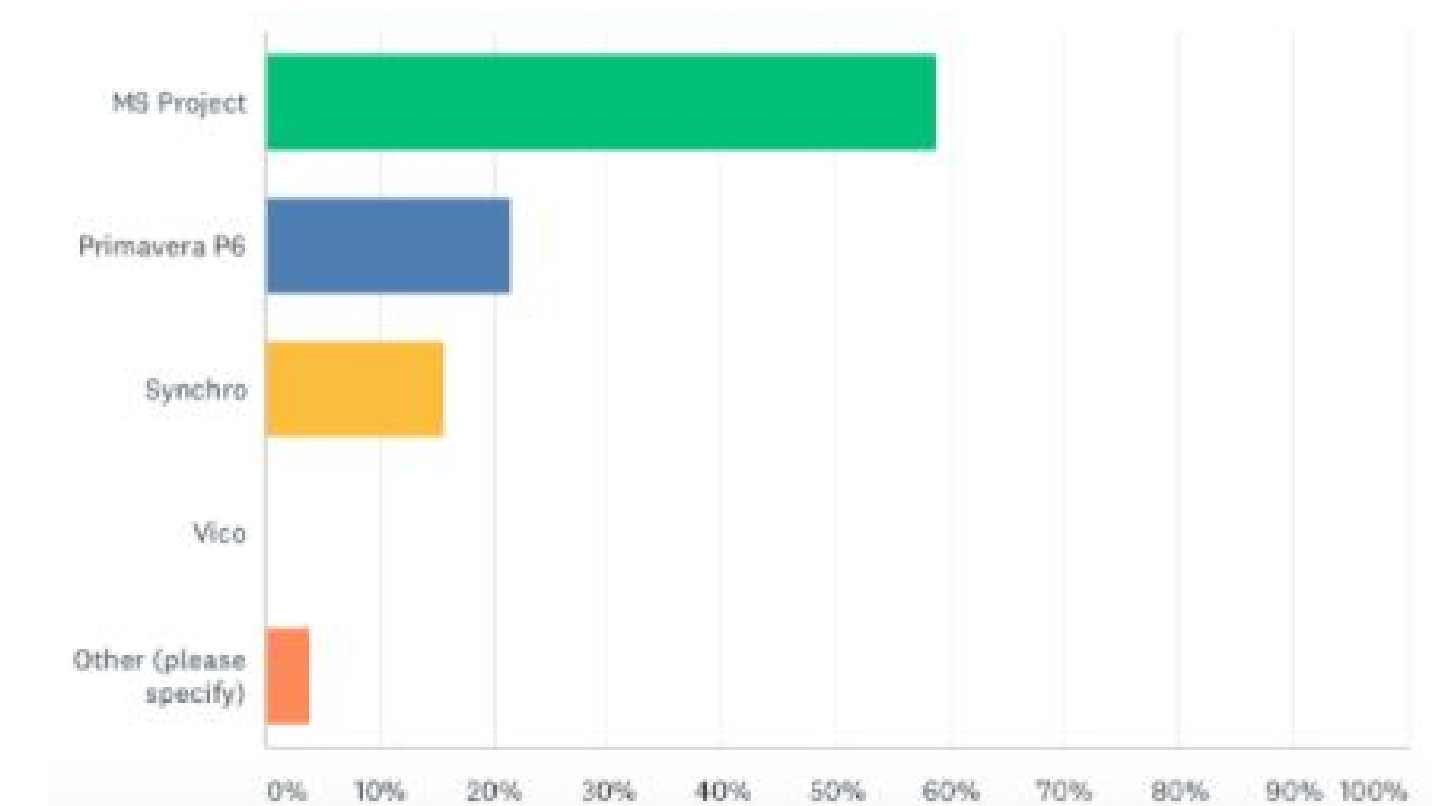


Modeling

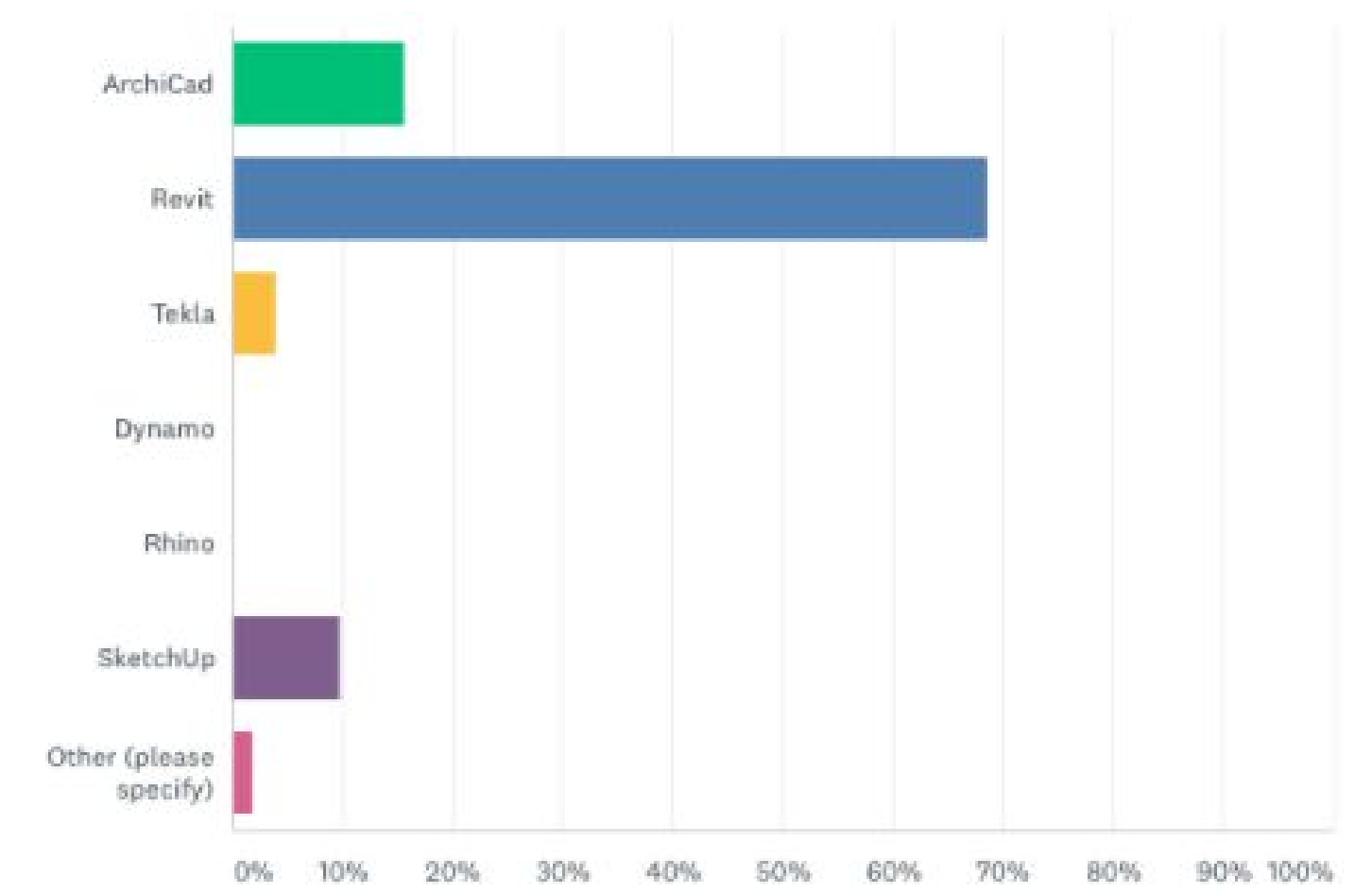
Cal Poly



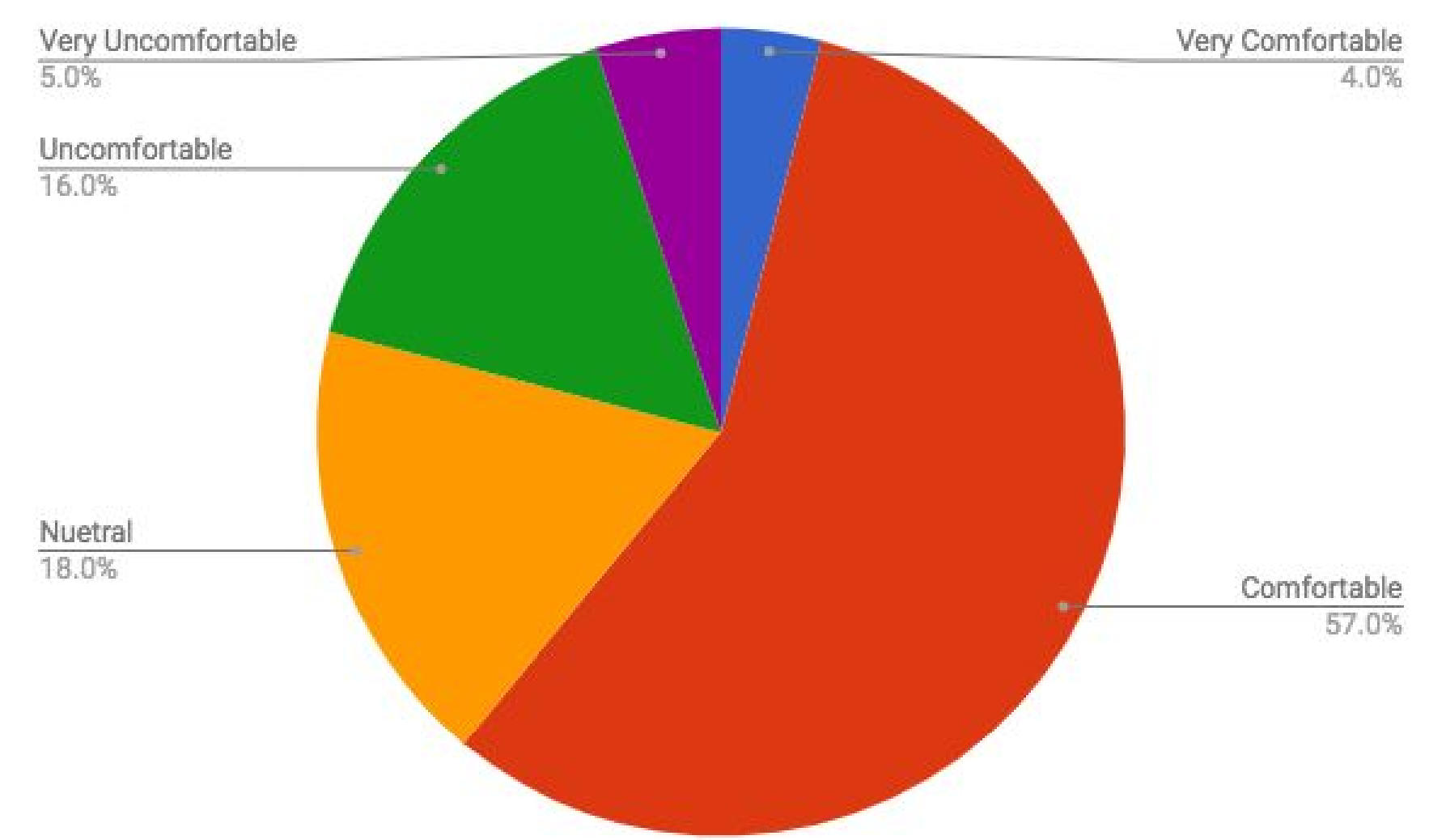
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Scheduling



Modeling



Students comfortability level regarding their technology skills

