



PURPOSE

To evaluate common anatomy teaching tools from both student and instructor / institution perspectives. Evaluation criteria includes the Course **Requirements and Learning Objectives.**

METHODS

- 1. Literature review
- 2. Anecdotal data from faculty, students, and vendors

Each tool was evaluated on a 3 point scale using the following criteria (compared to a living human):

Accuracy

Does the tool accurately represent human anatomy including macro, micro, and 3D structures as well as the position of a structure within a broader context?

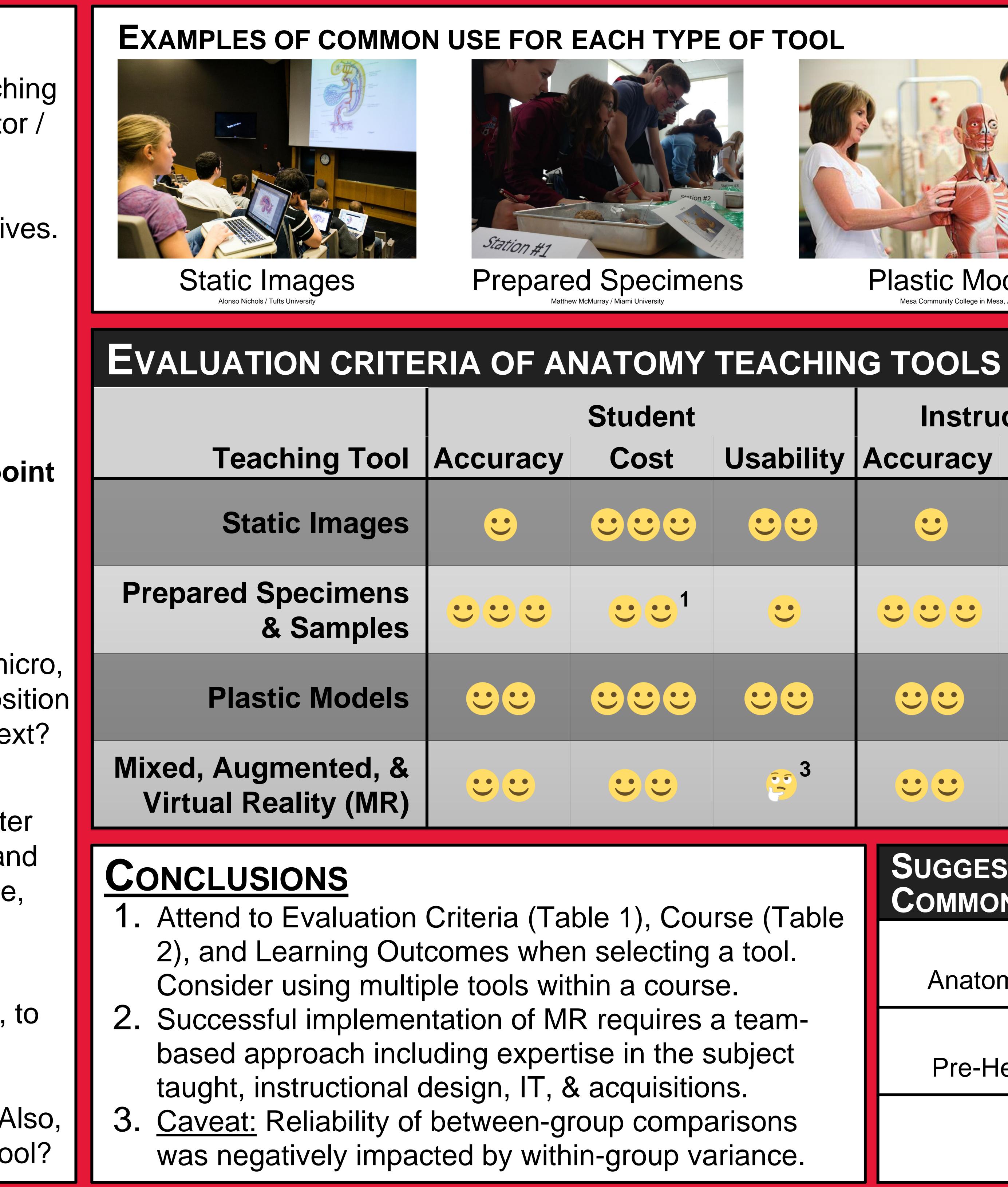
<u>Cost</u>

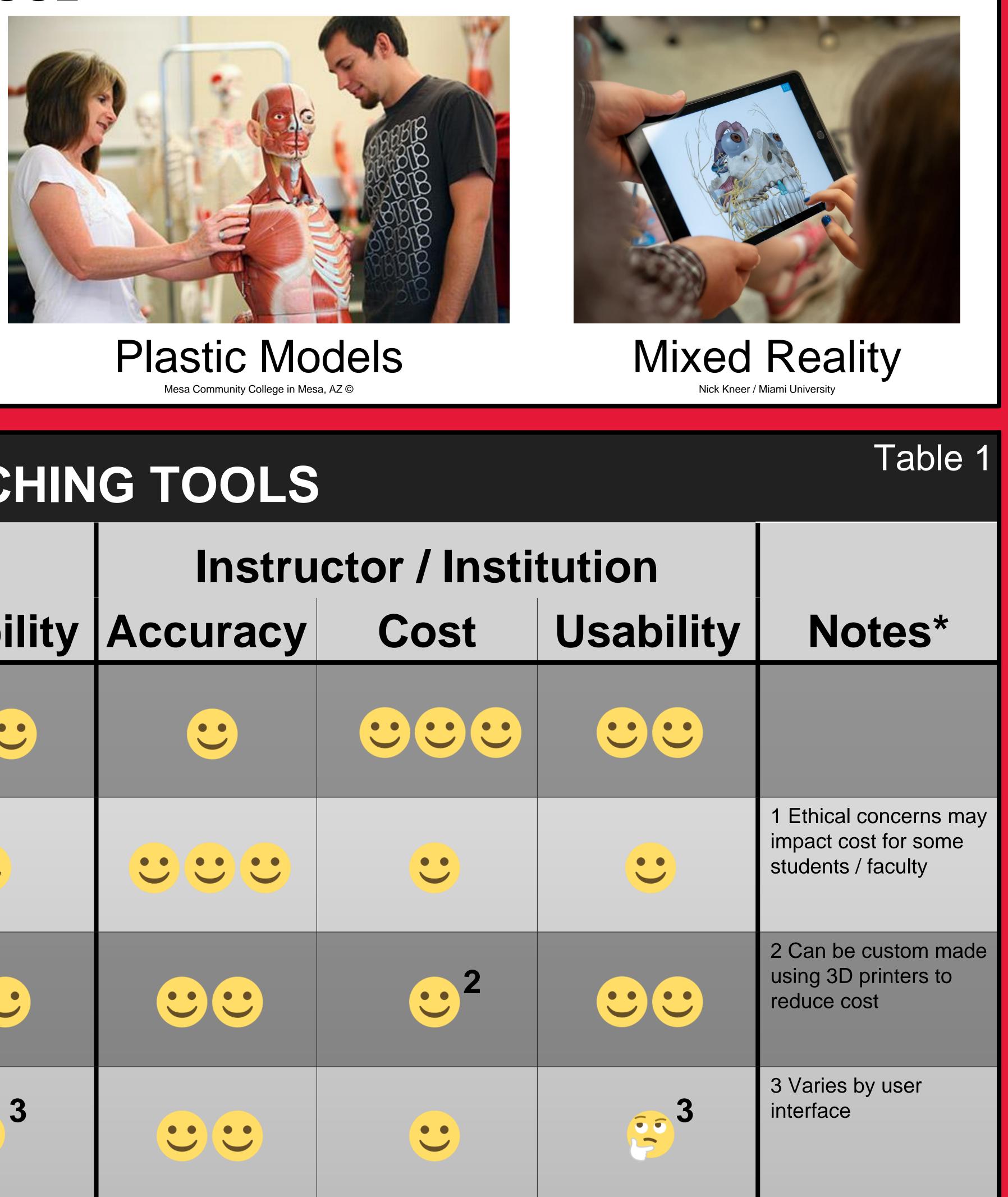
What is the return on investment after factoring in acquisition, operation, and maintenance costs, preparation time, and ethical considerations?

Usability / Ease of Use

How easy / fast is the tool to set up, to navigate and manipulate, and to customize to specific teaching and learning styles and environments? Also, how reliable and accessible is the tool?

Advances in Anatomy Teaching in Higher Education McMurray MS¹ and Jacobsen AL² ¹Dept of Psychology and ²University Libraries, Miami University, Oxford OH





Student			Instr
uracy	Cost	Usability	Accuracy
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	SUGGESTED TOOLS FOR COMMON ANATOMY CO	
eria (Table 1), Course (Table es when selecting a tool. ools within a course.	Introductory Anatomy & Physiology	Static Images, MR
on of MR requires a team- g expertise in the subject gn, IT, & acquisitions.	Advanced Pre-Health & Pre-Med	All (Specimens & MR preferred)
een-group comparisons by within-group variance.	Engineering, Art, IT, Other	Specimens, MR

