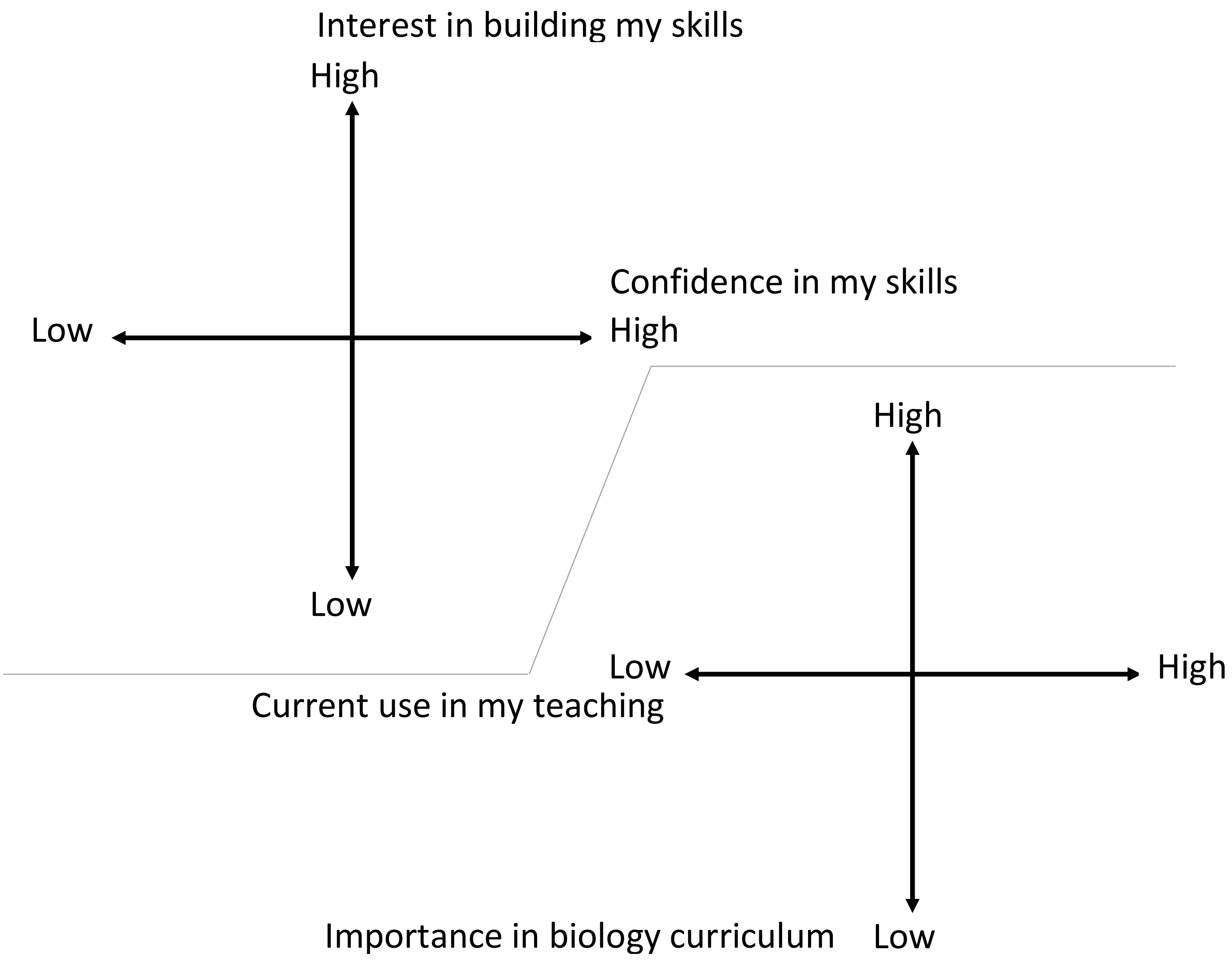
Step 1: Knowledge & Relevancy

Key concepts involved in developing **data acumen** include the following:

		Not sure what it means	Not relevant to me
A.	Mathematical foundations,	_____	_____
B.	Computational foundations,	_____	_____
C.	Statistical foundations,	_____	_____
D.	Data management and curation,	_____	_____
E.	Data description and visualization,	_____	_____
F.	Data modeling and assessment,	_____	_____
G.	Workflow and reproducibility,	_____	_____
H.	Communication and teamwork,	_____	_____
I.	Domain-specific considerations,	_____	_____
J.	Ethical problem solving.	_____	_____

Step 2: Mapping Data Acumen

Only map the key concepts that you were both knowledgeable on and thought relevant.


Interest in building my skills
High
Low
Confidence in my skills
High
Low
Low
Current use in my teaching
High
Low
High
Importance in biology curriculum
Low

Adapted from Donovan, S. S. (2019). Biobyte 1 - Where are we in the data science landscape?. Data Science in Undergraduate Biology Education (DS-UBE), QUBES Educational Resources. doi:10.25334/03VE-VK77