**Segment Anything**

-Can easily segment CA3, GCL, and Hilus given enough input points.

-Needs to be prompted for each feature, the “find everything” mode does not remotely work for any of the important features.

-Does not seem able to segment DG.

-Some flaws on boundaries – especially hilus.

-Seems to algorithmically resemble an advanced flood fill for these purposes.

-If we can determine the features enough to properly prompt the algorithm, we might just be able to fully define them already without needing this ML.

-An alternative use case could be the following: we just have to identify a few key features we know about, such as the boundary between CA 2 and CA 3, the DG border, etc., and this algorithm can take it from there to actually get the selection around the whole shape – almost using it as an advanced flood fill.

-This assessment is based on the web demo, and results may change if we move to running locally.

A screenshot of a computer screen

Description automatically generated

CA3 – 4 points

A black and blue image of a butterfly

Description automatically generated

GCL – 1 point

A screenshot of a computer screen

Description automatically generated

Hilus – 4 points