

Adipocyte Hackathon Evaluation Criteria

In this document we list the evaluation criteria used to rank the submitted solutions.

| Metric Description | Weight | Metric |
|---|--------|--|
| Combined metric based on pixelwise and image feature mean absolute error – the fidelity is calculated on all channels and magnifications. | 0.50 | Float in {0,1} Number is normalized to the maximum error |
| Coverage of the project report with respect to code. | 0.15 | Three levels in {0,1} <ul style="list-style-type: none">• > 2 follow up questions• 1-2 follow up questions• No follow up. |
| Model complexity measured as number of tuned hyper-parameters including pre-processing, model architecture and training. | 0.05 | Float in {0,1} Number is normalized to the maximum contribution |
| Inference execution time on test set. This is run on A100. | 0.05 | Float in {0,1} Number is normalized to the maximum contribution |
| Jury presentation | 0.25 | Ten levels in {0,1} How was the problem solved and what was the result? This is an opportunity to show things that are not assessed in the metrics above. |