

Cell type markers
available?

T-cells:
- CD8
- CD3
...
B cell:
- CD19
...

No

Yes

Use Adaptive
Reweighting
without markers

Is the dataset
imbalanced?



No

Yes

Use Adaptive
Reweighting
with markers

Use Active Learning or
Adaptive Reweighting
without markers

Trying to find novel
cell types quickly?



No

Yes

How many cells do you
want to annotate?

<250

250+

Use Active Learning
random forest

Use Active Learning
logistic regression

Rank
cells

Rank or
random