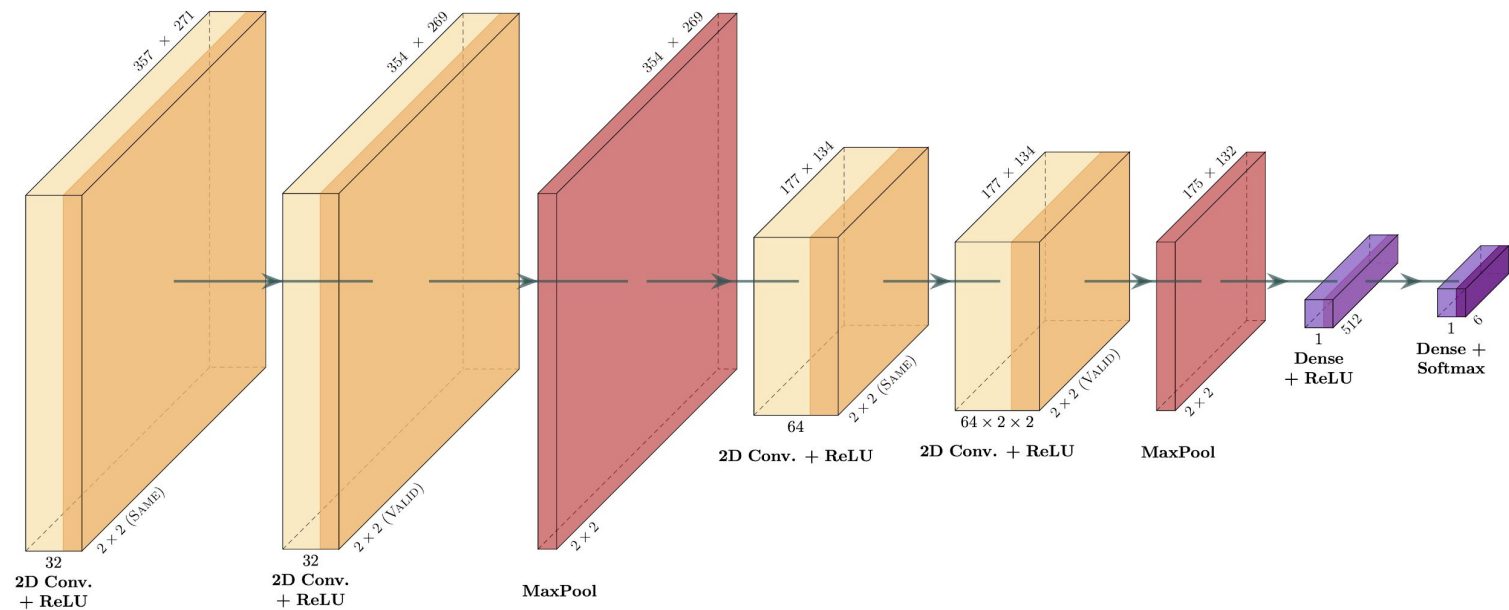


Integrating Machine Learning

Improving the efficiency of Zooniverse.

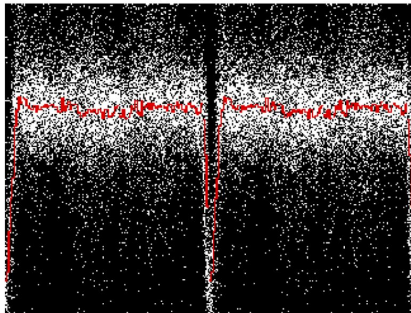
A Simple ML Model

Auto-volunteer

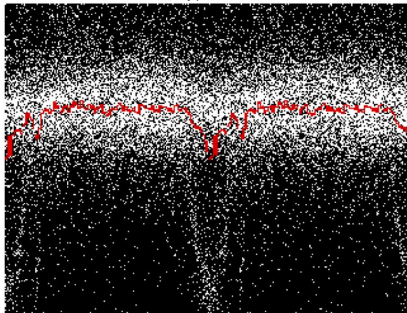


Auto-volunteer

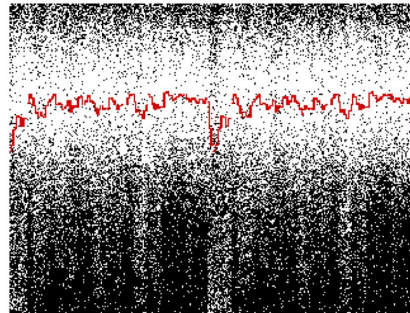
EA/EBtype (0.94)



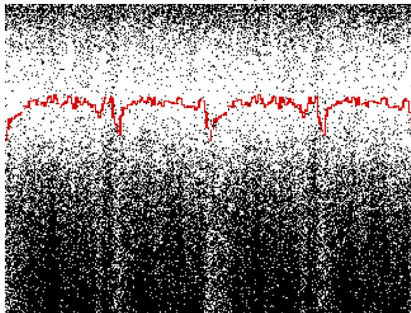
EA/EBtype (0.81)
EW type (0.12)



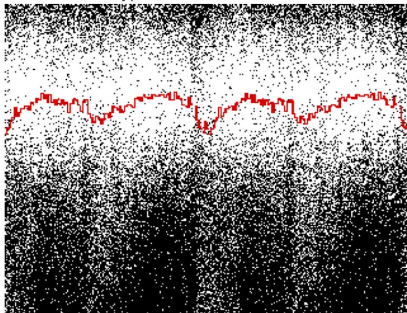
EA/EBtype (0.50)
Unknown (0.27)



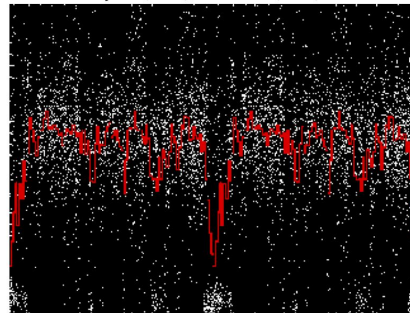
EA/EBtype (0.62)
Unknown (0.15), EW type (0.14)



EA/EBtype (0.61)
EW type (0.19), Unknown (0.15)



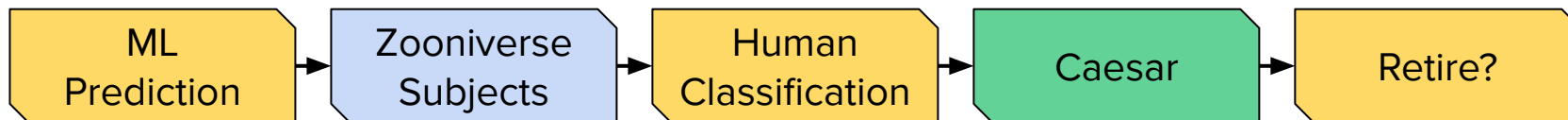
EA/EBtype (0.46)
Junk (0.22), Unknown (0.19)



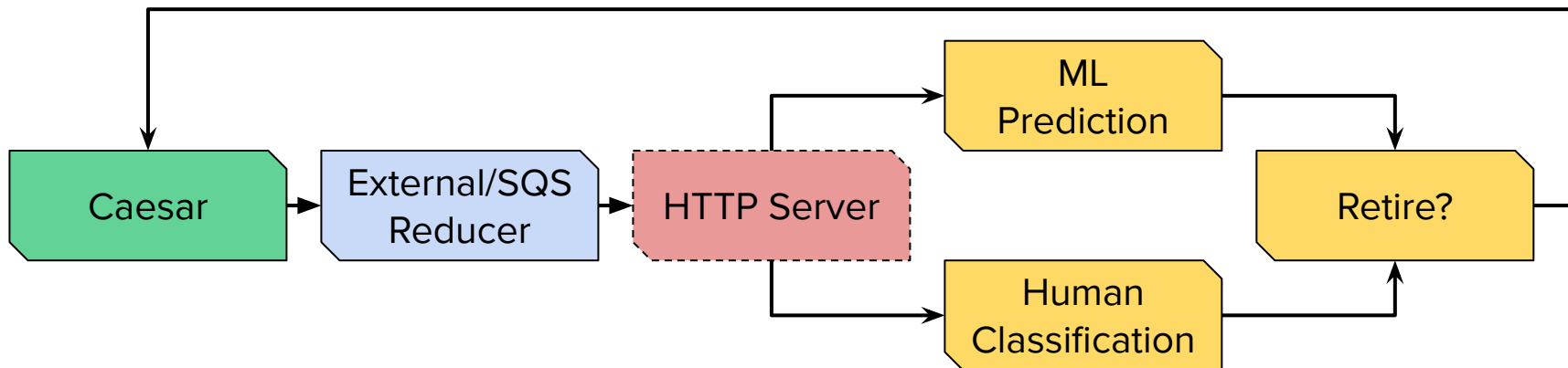
Human - Machine Collaboration

Combining Human and Machine Classifications

Option 1

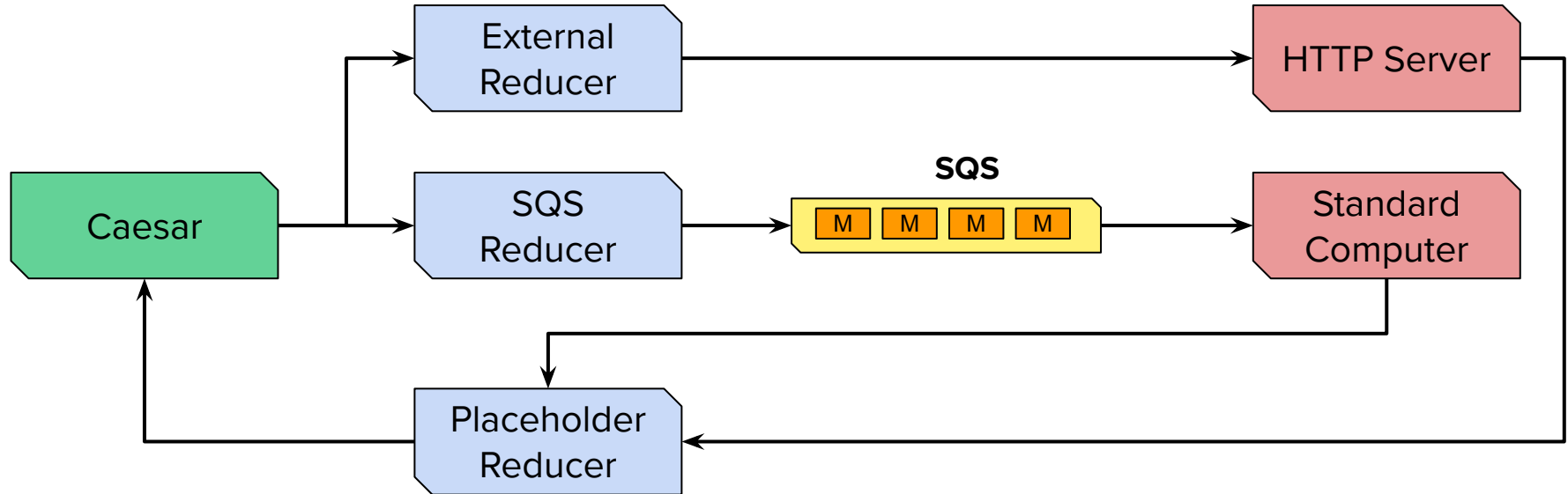


Option 2



Simple Queue Service

SQS - No server required



Active Learning

Focus on what's interesting

