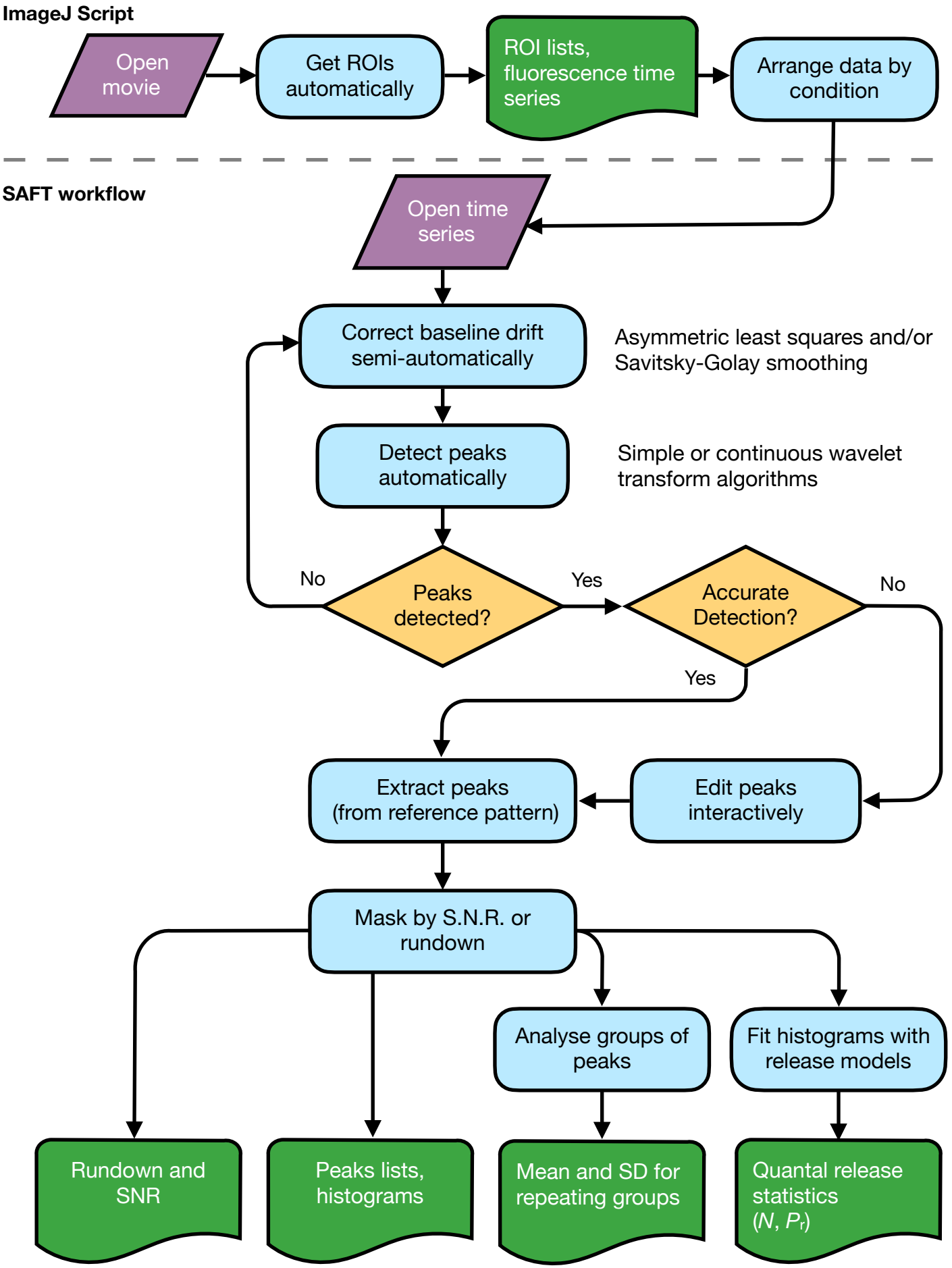
ImageJ Script
Open movie
Get ROIs automatically
ROI lists, fluorescence time series
Arrange data by condition
SAFT workflow
Open time series
Correct baseline drift semi-automatically
Asymmetric least squares and/or Savitsky-Golay smoothing
Detect peaks automatically
Simple or continuous wavelet transform algorithms
No
Peaks detected?
Yes
Accurate Detection?
No
Yes
Extract peaks (from reference pattern)
Edit peaks interactively
Mask by S.N.R. or rundown
Analyse groups of peaks
Fit histograms with release models
Rundown and SNR
Peaks lists, histograms
Mean and SD for repeating groups
Quantal release statistics (N, P_r)