

Supporting Information for TASBE Flow Analytics: A Package for Calibrated Flow Cytometry Analysis

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Table S1: Feature comparison between free and open calibrated flow cytometry tools: TASBE Flow Analytics, FlowCal, and CytoFlow.

Feature (as of version evaluated)	TASBE Flow Analytics 7.6	CytoFlow 1.0	FlowCal 1.2.1
License	Permissive Usage	GPL	Permissive
Matlab / Octave	Yes	No	No
Python / Jupyter	via Oct2Py	Yes	Yes
Excel interface	Yes	No	Yes
Point and click UI	No	Yes	No
FCS import	Yes	Yes	Yes
CSV import	Yes	Yes	No
Automatic gating	Yes	Yes	Yes
Fluorescence unit calibration	Yes	Yes	Yes
Size unit calibration	Yes	No	No
Built-in bead catalog	Yes	Partial	No
Autofluorescence correction	Yes	Yes	No
Spectral overlap compensation	Yes	Yes	No
Channel-to-channel unit conversion	Yes	Yes	No
High-throughput analysis templates	Yes	Yes	Yes
Bulk statistics	Yes	Yes	Yes
Histogram analysis	Yes	Yes	Yes
Gaussian mixture model analysis	Yes	Yes	No
Parametric analysis	Yes	Yes	No
Plus/minus comparative analysis	Yes	No	No
Signal-to-noise ratio analysis	Yes	No	No
Excluded data analysis	Yes	No	No
High-throughput exception architecture	Yes	No	Yes
Metadata validation	Yes	No	Yes
Machine-readable analysis logs	Yes	No	No
Load/save configuration state	Yes	No	No
Continuous integration & testing	Yes	Yes	No