Checklists for publication of image analysis workflows

Established workflows

	Cite workflow & platform	Minimal
	Key settings	
	Example data	
	Manual ROIs	
	Exact version	
	All settings	Recommended
	Public example	
	Document usage (e.g. screen recording or tutorial)	Ideal
	Cloud hosted or container	

Novel workflows

	Cite components & platform	Minimal
	Describe sequence	
	Key settings	
	Example data & code	
	Manual ROIs	
	Exact versions	
	All settings	Recommended
	Public example data & code	
	Rationale	
	Limitations	
	Screen recording or tutorial	Ideal
	Easy install & usage, container	

Machine learning workflows

	Cite original method	Minimal (All models)
	Access to model	
	Example or validation data	
	Train, test & metadata	Recommended (Pre-trained & novel models)
	Code available	
	Limitations	
	Cloud hosted or container	
	Standardized format	Ideal (Novel models)