	SI	Readout	datafile/ datamodel	CPU	scene dependent	quality depend number of groups or integrations ?
NSClean	NRS	FULL SUB	rate	moderately intensive	no	no
Everett	ALL	FULL SUB	uncal/rateints/rate/cal/calints	light for basic heavy for GP mode	Yes, requires significant background pixels (no extended sources filling entire chip)	No dependence on the correction, except for the quality of the source mask
Micaela	NRS	FULL	rate file, which it reads in using datamodels, so it could easily be altered to accept a datamodel directly	Not very, the most intensive part is the source masking, and I have a new version that blots a source mask created from mosaics that works better anyway It masks sources, subtracts a pedestal, and works amp-by-amp. I am working on a new version that works group-by-group before ramp fitting, but it's not ready yet. I've also never tried it on data from any instrument besides NIRCam full frame.	Yes, it works best in sparse fields. It does poorly when there are too many bright, extended sources or nebulous backgrounds. It will also be thrown off by wisps that have not been fully subtracted	I haven't tested this, but I don't think so. It's more sensitive to source density in the images, so if anything, it may work slightly better in shallower images
Thomas W.	NIR NIS	FULL SUB	Uncal or rate/rateints	Not much, takes a few minutes at most when running on big files. The code is very much work in progress. I am definitely interested in testing it and participating to discussions, but I do not think I'm at the level of helping supporting the preparation much more than that.	no	I think not, but not robustly tested.
Eddie and Mike	ALL	ALl	uncal (with rate as an input data model).	low to moderate works on the individual frames in the uncal ramp. Corrects the 1/f in the ramp CDSs very well and improves S/N in the final rate image, but the original visible 1/f pattern in the final rate image is *not* removed (as it is part of the datamodel). Tested on NRC and NRS normal and post-IRS2 fullframe, but should also work on NIS. Should work in modified form on subarrays.	no	yes
Ell	NIR	FULL SUB	datafile, any type	fairly light	no	unsure
Ryan	NIR	FULL	My code works on the cal file, though it in principle should work fine on the uncal or rate.	Less than 1 second per file on my macbook (M1 chips). Not parallelized. In principle, it operates very similarly to, e.g., Mic's code.	no	I haven't explicitly tested this, though I haven't noticed any significant performance differences across deep extragalactic data sets which use a variety of integration times and groups.