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Data sets for MICADO simulated images

We have sets of simulated MICADO images that take into account atmosphere, AO and ADC.

Datasets are described in more detail in the ADC/astrometry report.

Without ADC, ZD = 0 deg (3 second sampling, 1 wavelength)	Simulated Images	Catalogs	CSV File
	all 451 images	all 451 catalogs	
	100 snapshots	100 snapshots	200 sources
	3x50 2-stacks	3x50 2-stacks	300 sources
	3x25 4-stacks	3x25 4-stacks	150 sources
	3x20 5-stacks	3x20 5-stacks	120 sources
	3x10 10-stacks	3x10 10-stacks	60 sources
	3x5 20-stacks	3x5 20-stacks	30 sources
	3x4 25-stacks	3x4 25-stacks	24 sources
	3x2 50-stacks	3x2 50-stacks	12 sources
without ADC, ZD = 0 deg (1 second sampling, 1 wavelength)	Simulated Images	Catalogs	CSV File
	all 217 images	all 217 catalogs	
	100 snapshots	100 snapshots	200 sources
	50 2-stacks	50 2-stacks	100 sources
	25 4-stacks	25 4-stacks	50 sources
	20 5-stacks	20 5-stacks	40 sources
	10 10-stacks	10 10-stacks	20 sources
	5 20-stacks	5 20-stacks	10 sources
	4 25-stacks	4 25-stacks	8 sources
	2 50-stacks	2 50-stacks	4 sources
with pupil ADC, ZD = 0 deg (1 second sampling, 2 wavelengths)	Simulated Images	Catalogs	CSV File
	all 217 images	all 217 catalogs	
	100 snapshots	100 snapshots	200 sources
	50 2-stacks	50 2-stacks	100 sources
	25 4-stacks	25 4-stacks	50 sources
	20 5-stacks	20 5-stacks	40 sources
	10 10-stacks	10 10-stacks	20 sources
	5 20-stacks	5 20-stacks	10 sources
	4 25-stacks	4 25-stacks	8 sources
	2 50-stacks	2 50-stacks	4 sources
with pupil ADC, ZD = 30 deg (1 second sampling, 2 wavelengths)	Simulated Images	Catalogs	CSV File
	all 217 images	all 217 catalogs	
	100 snapshots	100 snapshots	200 sources
	50 2-stacks	50 2-stacks	100 sources

Without ADC, ZD = 0 deg (3 second sampling, 1 wavelength)	Simulated Images	Catalogs	CSV File
	25 4-stacks	25 4-stacks	50 sources
	20 5-stacks	20 5-stacks	40 sources
	10 10-stacks	10 10-stacks	20 sources
	5 20-stacks	5 20-stacks	10 sources
	4 25-stacks	4 25-stacks	8 sources
	2 50-stacks	2 50-stacks	4 sources
with pupil ADC, ZD = 35 deg (1 second sampling, 2 wavelengths)	Simulated Images	Catalogs	CSV File
	all 217 images	all 217 catalogs	
	100 snapshots	100 snapshots	200 sources
	50 2-stacks	50 2-stacks	100 sources
	25 4-stacks	25 4-stacks	50 sources
	20 5-stacks	20 5-stacks	40 sources
	10 10-stacks	10 10-stacks	20 sources
	5 20-stacks	5 20-stacks	10 sources
	4 25-stacks	4 25-stacks	8 sources
	2 50-stacks	2 50-stacks	4 sources
with pupil ADC, ZD = 60 deg (1 second sampling, 2 wavelengths)	Simulated Images	Catalogs	CSV File
	all 217 images	all 217 catalogs	
	100 snapshots	100 snapshots	200 sources
	50 2-stacks	50 2-stacks	100 sources
	25 4-stacks	25 4-stacks	50 sources
	20 5-stacks	20 5-stacks	40 sources
	10 10-stacks	10 10-stacks	20 sources
	5 20-stacks	5 20-stacks	10 sources
	4 25-stacks	4 25-stacks	8 sources
	2 50-stacks	2 50-stacks	4 sources

From:

<http://wiki.test.astro-wise.org/> - **OmegaCEN**

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