

These tables outline the data used for the comparison analysis between the York Lidar and MiLi sorted by data used in each figure of the validation report.

Data are available on the MiLi website at <http://www.mili4mars.eu/Results.html>

Table 1. MiLi data used for analysis

Figure	MiLi laser pulses	York Laser pulses	Start time/Stop time (Local time UTC+2h)	MiLi filename
3	18768 35	3440 0	2025-10-15 00:47:31 2025-10-15 01:20:40	mili-L0-acq_eng-20251015T004755.465235-VIS_DIGITAL_Test_CristalesLiquidos-01.csv
4	18768 35	3440 0	2025-10-15 00:47:31 2025-10-15 01:20:40	mili-L0-acq_eng-20251015T004755.465235-VIS_DIGITAL_Test_CristalesLiquidos-01.csv
5	18768 35	3440 0	2025-10-15 00:47:31 2025-10-15 01:20:40	mili-L0-acq_eng-20251015T004755.465235-VIS_DIGITAL_Test_CristalesLiquidos-01.csv

6	13107 00	2920 0	2025-10-15 00:05:26 2025-10-15 00:14:53	mili-L0-acq_eng-20251015T000550.241647-linearity_1.2_V-01.csv
7	47840 55	2920 0	2025-10-12 23:29:20 2025-10-12 23:55:40	mili-L0-acq_eng-20251012T232944.510520-night_measurements_cirrus_and_dust_intrusion_VIS_ANA_NIR_ANA_VIS&DIR_COUNTING_afer_rain-01.csv
10				Angulos_prismas_V3.xlsx
14	12451 65 12451 65 24903 30 24903 30 16383 75 16383 75	0	Data acquisit ion took place over multipl e days.	Linearity_1.00_filter.csv Linearity_1.00_no_filter.csv Linearity_1.20_filter.csv Linearity_1.20_no_filter.csv Linearity_1.50_filter.csv Linearity_1.50_no_filter.csv
15	11404 114	2484 00	2025-10-11 11:18:09:21 2025-10-11 22:11:57	mili-L0-acq_eng-20251011T180924.673730-Combinado_8_all_2_threshold_Sunset-01.csv
16A)	72088 5	4400	2025-10-11 19:05:31 2025-10-11	mili-L0-acq_eng-20251011T180924.673730-Combinado_8_all_2_threshold_Sunset-01.csv

			19:16:40	
16B)	72088 5	4400	2025-10-11 19:39:23 2025-10-11 19:50:32	mili-L0-acq_eng-20251011T180924.673730- Combinado_8_all_2_threshold_Sunset-01.csv
16C)	72088 5	4400	2025-10-11 19:53:53 2025-10-11 20:05:03	mili-L0-acq_eng-20251011T180924.673730- Combinado_8_all_2_threshold_Sunset-01.csv
16D)	72088 5	4400	2025-10-11 20:21:47 2025-10-11 20:32:58	mili-L0-acq_eng-20251011T180924.673730- Combinado_8_all_2_threshold_Sunset-01.csv
17	55049 40	3360 0	2025-10-15 21:48:59 2025-10-15 22:57:26	mili-L0-acq_eng-20251015T214922.703196- LCVR_ANA_VIS_DIG_VIS_acquisitions-01.csv
18	55049 40	3360 0	2025-10-15 21:48:59 2025-10-15 22:57:26	mili-L0-acq_eng-20251015T214922.703196- LCVR_ANA_VIS_DIG_VIS_acquisitions-01.csv
19	16383 75	8000	2025-10-12 23:29:20 2025-10-12 23:55:40	mili-L0-acq_eng-20251012T232944.510520- night_measurements_cirrus_and_dust_intrusion_VIS_ANA_NIR_ANA_VIS &DIR_COUNTING_afer_rain-01.csv

20	47185 20	2880 0	2025- 10-11 22:13:0 1 2025- 10-11 23:53:1 2	mili-L0-acq_eng-20251011T221326.061362- Combinado_8_all_2_threshold_Night-01.csv
21	47185 20	2880 0	2025- 10-11 22:13:0 1 2025- 10-11 23:53:1 2	mili-L0-acq_eng-20251011T221326.061362- Combinado_8_all_2_threshold_Night-01.csv
22	37354 95	2280 0	2025- 10-13 02:03:3 2 2025- 10-13 03:04:5 2	mili-L0-acq_eng-20251013T020312.773159- night_measurements_cirrus_and_dust_intrusion_VIS_ANA_NIR_ANA_VIS &DIR_COUNTING-01.cs
23	37354 95	2280 0	2025- 10-13 02:03:3 2 2025- 10-13 03:04:5 2	mili-L0-acq_eng-20251013T020312.773159- night_measurements_cirrus_and_dust_intrusion_VIS_ANA_NIR_ANA_VIS &DIR_COUNTING-01.cs
24	15728 40	7800	2025- 10-12 23:29:4 3 2025- 10-12 23:54:5 7	mili-L0-acq_eng-20251012T232944.510520- night_measurements_cirrus_and_dust_intrusion_VIS_ANA_NIR_ANA_VIS &DIR_COUNTING_afer_rain-01.csv

Table 2. York Lidar data used for analysis

Figure	MiLi laser pulses	York Laser pulses	Start time/Stop time (Local time UTC+2h)	Data location
3	1876835	34400	2025-10-15 00:47:26 2025-10-15 01:20:36	Figure03_04_05/York/csv
4	1876835	34400	2025-10-15 00:47:26 2025-10-15 01:20:36	Figure03_04_05/York/csv
5	1876835	34400	2025-10-15 00:47:26 2025-10-15 01:20:36	Figure03_04_05/York/csv
6	1310700	29200	2025-10-15 00:05:26 2025-10-15 00:15:05	Figure06/York/csv
7	4784055	29200	2025-10-12 23:30:07 2025-10-12 23:53:04	Figure07/York/csv
15	11404114	248400	2025-10-11 18:30:07 2025-10-11 22:12:31	Figure15/York/csv
16A)	720885	4400	2025-10-11 19:05:33 2025-10-11 19:16:55	Figure16/York/PanelA/csv
16B)	720885	4400	2025-10-11 19:39:28 2025-10-11 19:50:38	Figure16/York/PanelB/csv
16C)	720885	4400	2025-10-11 19:53:55 2025-10-11 20:05:15	Figure16/York/PanelC/csv
16D)	720885	4400	2025-10-11 20:21:44 2025-10-11 20:33:05	Figure16/York/PanelD/csv
17	5504940	33600	2025-10-15 21:48:55 2025-10-15 22:57:33	Figure17_18/York/csv
18	5504940	33600	2025-10-15 21:48:55 2025-10-15 22:57:33	Figure17_18/York/csv
19	1638375	8000	2025-10-12 23:29:15 2025-10-12 23:53:05	Figure19/York/csv
20	4718520	28800	2025-10-11 22:13:02 2025-10-11 23:53:25	Figure20_21/York/csv
21	4718520	28800	2025-10-11 22:13:02 2025-10-11 23:53:25	Figure20_21/York/csv
22	3735495	22800	2025-10-13 02:03:34 2025-10-13 03:05:01	Figure22_23/York/csv
23	3735495	22800	2025-10-13 02:03:34 2025-10-13 03:05:01	Figure22_23/York/csv

24	1572840	7800	2025-10-12 23:29:46 2025-10-12 23:53:05	Figure24/York/csv
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