

Not all baselines are different (e.g., the UVW/DATA of the first baseline are same in the input and the output), but some of them are different (e.g., the UVW/DATA of the last baseline). Please see the following screenshots.

The input (.mat files) of the first several baselines:

	U	V	W	DATA
	1	2	3	1
1	-186.4775	247.9913	-17.4020	0.9687 + 0.5302i
2	-48.2820	98.5594	-6.4060	0.0169 + 0.4361i
3	-258.7615	100.6972	-10.6689	1.1270 - 0.0177i
4	-92.9748	168.9734	-11.1846	-1.1788 + 0.5980i
5	-148.8252	342.7271	-21.9089	1.3082 - 1.1398i
6	-145.0941	227.5325	-15.4539	0.5355 + 0.3679i
7	-132.8990	114.7665	-8.9688	-1.6919 - 0.6843i
8	-14.3216	225.7671	-12.7826	-0.2808 + 1.1031i
9	-276.8511	210.3843	-17.0997	-0.2526 + 0.3279i
10	-225.3754	212.5052	-16.2027	0.0031 + 0.0945i
11	35.7617	298.9787	-15.8532	-0.6519 + 0.8225i
12	-125.9414	52.8610	-5.4043	-1.0785 + 0.2383i
13	-87.4455	80.7826	-6.1924	-0.6050 + 0.5007i
14	-170.5040	173.0660	-12.9376	-0.8250 - 0.7129i
15	-334.1473	160.0046	-15.4391	-0.4670 + 0.7668i
16	-86.2087	250.1601	-15.5481	0.3934 + 0.2352i
17	31.2322	232.6930	-12.2703	0.1711 + 1.0112i
18	-172.6698	106.0859	-9.2713	-1.0717 - 1.3511i

The output (viewed by casabrowser) of the first several baselines:

The screenshot shows the Casabrowser interface. The main window displays a table with the following columns: UVW, FLAG, LAG_CATEGOR, WEIGHT, SIGMA, ANTENNA1, and ANTENNA2. The table contains 18 rows of data. On the right side, there are several panels showing the output for each baseline, labeled 'oldvis.ms[0, 21]', 'oldvis.ms[1, 21]', 'oldvis.ms[2, 21]', 'oldvis.ms[3, 21]', and 'oldvis.ms[4, 21]'. Each panel shows a complex array of size [1 1] with a value of 0. Red arrows point from the 'FLAG' column in the table to the corresponding output panels.

The input (.mat files) of the last several baselines:

	U	V	W	DATA
3924463	-8.9322e...	1.1624e...	-382.4883	-0.2437 + 0.5603i
3924464	-9.0261e...	1.1632e...	-379.9390	-1.3647 - 0.3987i
3924465	-8.9818e...	1.1650e...	-382.4204	-0.9899 + 0.2150i
3924466	77.2139	26.5095	-4.0565	0.7510 - 1.5518i
3924467	13.1712	49.8920	-3.3746	2.7106 - 0.8116i
3924468	66.8084	69.6499	-6.2721	0.1781 - 1.1640i
3924469	-27.1126	77.7338	-3.7228	1.3256 + 0.1346i
3924470	17.1739	95.5573	-6.2042	0.5295 - 0.5740i
3924471	-64.0426	23.3825	0.6819	1.7393 + 1.3333i
3924472	-10.4055	43.1404	-2.2156	3.1361 - 0.1375i
3924473	-104.3265	51.2243	0.3337	-0.5081 + 0.7417i
3924474	-60.0400	69.0478	-2.1477	0.7583 + 0.6733i
3924475	53.6372	19.7580	-2.8974	2.1116 - 1.5653i
3924476	-40.2838	27.8418	-0.3482	2.9340 + 0.8604i
3924477	4.0026	45.6654	-2.8295	2.9603 - 0.6304i
3924478	-93.9210	8.0839	2.5493	0.2508 + 1.3878i
3924479	-49.6345	25.9074	0.0679	2.5165 + 1.0841i
3924480	44.2865	17.8236	-2.4814	2.6477 - 1.4427i

The output (viewed by casabrowser) of the last several baselines:

The screenshot shows the Casabrowser interface with a table of baseline data and a list of complex array outputs. The table has columns: ID, UVW, FLAG, FLAG_CATEGOR, WEIGHT, SIGMA, ANTENNA1, and ANTENNA2. The outputs are listed on the right, showing the complex array values for each baseline ID.

ID	UVW	FLAG	FLAG_CATEGOR	WEIGHT	SIGMA	ANTENNA1	ANTENNA2	Output
3924463	[-9355.81, 11340.3, -885.077]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	505	510	0
3924464	[-9312.04, 11359.5, -885.138]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	505	511	0 [2.92899, 0.897325]
3924465	[76.4409, 28.9473, 0.165977]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	506	507	0
3924466	[11.7485, 50.2873, -2.68983]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	506	508	0
3924467	[64.8105, 71.7381, -2.65514]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	506	509	0 [2.96803, -0.593518]
3924468	[-29.3178, 76.8385, -5.27352]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	506	510	0
3924469	[14.4508, 96.0591, -5.33512]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	506	511	0
3924470	[-64.6924, 21.34, -2.8558]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	507	508	0
3924471	[-11.6304, 42.7908, -2.82112]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	507	509	0 [0.232035, 1.39979]
3924472	[-105.759, 47.8911, -5.43949]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	507	510	0
3924473	[-61.9901, 67.1118, -5.5011]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	507	511	0
3924474	[53.062, 21.4508, 0.0346832]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	508	509	0
3924475	[-41.0662, 26.5511, -2.58369]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	508	510	0 [2.50812, 1.1203]
3924476	[2.70237, 45.7717, -2.64529]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	508	511	0
3924477	[-94.1283, 5.10033, -2.61837]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	509	510	0
3924478	[-50.3596, 24.3209, -2.67998]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	509	511	0
3924479	[43.7686, 19.2206, -0.0616046]	[1, 1] Boolean	[0, 0, 0] Bool...	[1]	[1]	510	511	0 [2.64341, -1.44108]