SOS Example

May 12, 2023

1 This is the title

LDM Version: v0.1.0-174-g9d6624f

1.1 Subtitle

```
/usr/local/lib/python3.9/site-packages/numpy/core/fromnumeric.py:3464:
RuntimeWarning: Mean of empty slice.
   return _methods._mean(a, axis=axis, dtype=dtype,
/usr/local/lib/python3.9/site-packages/numpy/core/_methods.py:192:
RuntimeWarning: invalid value encountered in scalar divide
   ret = ret.dtype.type(ret / rcount)
/usr/local/lib/python3.9/site-packages/numpy/core/_methods.py:269:
RuntimeWarning: Degrees of freedom <= 0 for slice
   ret = _var(a, axis=axis, dtype=dtype, out=out, ddof=ddof,
/usr/local/lib/python3.9/site-packages/numpy/core/_methods.py:226:
RuntimeWarning: invalid value encountered in divide
   arrmean = um.true_divide(arrmean, div, out=arrmean,
/usr/local/lib/python3.9/site-packages/numpy/core/_methods.py:261:
RuntimeWarning: invalid value encountered in scalar divide
   ret = ret.dtype.type(ret / rcount)</pre>
```

nan

		row	col	position	value
		<chr></chr>	<dbl></dbl>	<dbl></dbl>	<dbl></dbl>
	0	A	1	0	40765
	1	A	2	1	5192
	2	A	3	2	45125
	3	A	4	3	42900
	4	A	5	4	43092
	5	A	6	5	42833
	6	A	7	6	45210
	7	A	8	7	44356
	8	A	9	8	41411
	9	A	10	9	40105
	10	A	11	10	42646
	11	A	12	11	40041
	12	A	13	12	42986
	13	A	14	13	35487
	14	A	15	14	42792
	15	A	16	15	42227
	16	A	17	16	41975
	17	A	18	17	40630
	18	A	19	18	41845
	19	A	20	19	41941
	20	A	21	20	41334
	21	A	22	21	43105
	22	A	23	22	43367
	23	A	24	23	5166
	24	В	1	24	8238
	25	В	2	25	18792
	26	В	3	26	40919
	27	В	4	27	43408
	28	В	5	28	40776
A data.frame: 384×4	29	В	6	29	43197
	354	O	19	354	44641
	355	O	20	355	44265
	356	O	21	356	44697
	357	O	22	357	45146
	358	O	23	358	5120
	359	O	24	359	43415
	360	P	1	360	16964
	361	P	2	361	8414
	362	P	3	362	42675
	363	P	4	363	41334
	364	Р	5	364	40761
	365	P	6	365	41167
	366	P	7	366	44550
	367	Р	8	367	43866
	368	P	9	368	40391
	369	Р	10	369	43260
	370	Р	11	2^{370}	43627
	371	Р	12	371	39316
	372	P	13	372	42393
	373	Р	14	373	43860

	1	2	3	4	5	6	7	8	9	10
A	40765	5192	45125	42900	43092	42833	45210	44356	41411	4010
В	8238	18792	40919	43408	40776	43197	44656	44512	40730	4063
\mathbf{C}	4837	44171	46252	44552	45601	45009	44098	43651	41836	4444
D	18944	8359	39320	42949	41766	40485	45512	43257	41952	4409
\mathbf{E}	44031	5165	44373	43818	41525	45153	43792	42437	42042	4305
F	7537	19867	39761	43799	43359	42454	43311	42088	41199	4315
G	5886	43733	45779	43588	43909	44586	46197	43325	55259	4354
Η	18103	7831	41253	41521	42887	42141	43074	43997	43575	4202
I	42955	5499	43552	44015	44609	42344	46622	44536	44245	4058
J	7771	18519	43203	41782	42792	43839	44674	42117	42769	4409
K	4664	44509	44534	45253	44945	42763	45375	43318	43304	4253
\mathbf{L}	19265	7897	42372	44078	42515	42609	43456	44654	43788	4471
Μ	43258	4943	43457	44792	43281	43808	43880	43372	44087	4379
N	8449	18179	40281	43402	40963	38162	44437	43197	44663	4345
Ο	5222	42549	43754	43444	45019	43052	44101	44353	44494	4329
Р	16964	8414	42675	41334	40761	41167	44550	43866	40391	4326
	B C D E F G H I J K L M N O	B 8238 C 4837 D 18944 E 44031 F 7537 G 5886 H 18103 I 42955 J 7771 K 4664 L 19265 M 43258 N 8449 O 5222	A 40765 5192 B 8238 18792 C 4837 44171 D 18944 8359 E 44031 5165 F 7537 19867 G 5886 43733 H 18103 7831 I 42955 5499 J 7771 18519 K 4664 44509 L 19265 7897 M 43258 4943 N 8449 18179 O 5222 42549	A 40765 5192 45125 B 8238 18792 40919 C 4837 44171 46252 D 18944 8359 39320 E 44031 5165 44373 F 7537 19867 39761 G 5886 43733 45779 H 18103 7831 41253 I 42955 5499 43552 J 7771 18519 43203 K 4664 44509 44534 L 19265 7897 42372 M 43258 4943 43457 N 8449 18179 40281 O 5222 42549 43754	A 40765 5192 45125 42900 B 8238 18792 40919 43408 C 4837 44171 46252 44552 D 18944 8359 39320 42949 E 44031 5165 44373 43818 F 7537 19867 39761 43799 G 5886 43733 45779 43588 H 18103 7831 41253 41521 I 42955 5499 43552 44015 J 7771 18519 43203 41782 K 4664 44509 44534 45253 L 19265 7897 42372 44078 M 43258 4943 43457 44792 N 8449 18179 40281 43402 O 5222 42549 43754 43444	A 40765 5192 45125 42900 43092 B 8238 18792 40919 43408 40776 C 4837 44171 46252 44552 45601 D 18944 8359 39320 42949 41766 E 44031 5165 44373 43818 41525 F 7537 19867 39761 43799 43359 G 5886 43733 45779 43588 43909 H 18103 7831 41253 41521 42887 I 42955 5499 43552 44015 44609 J 7771 18519 43203 41782 42792 K 4664 44509 44534 45253 44945 L 19265 7897 42372 44078 42515 M 43258 4943 43457 44792 43281 N 8449 18179 40281 43402 40963 O 5222 42549 <	A 40765 5192 45125 42900 43092 42833 B 8238 18792 40919 43408 40776 43197 C 4837 44171 46252 44552 45601 45009 D 18944 8359 39320 42949 41766 40485 E 44031 5165 44373 43818 41525 45153 F 7537 19867 39761 43799 43359 42454 G 5886 43733 45779 43588 43909 44586 H 18103 7831 41253 41521 42887 42141 I 42955 5499 43552 44015 44609 42344 J 7771 18519 43203 41782 42792 43839 K 4664 44509 44534 45253 44945 42763 L 19265 7897 42372 44078 42515 42609 M 43258 4943 43457 4479	A 40765 5192 45125 42900 43092 42833 45210 B 8238 18792 40919 43408 40776 43197 44656 C 4837 44171 46252 44552 45601 45009 44098 D 18944 8359 39320 42949 41766 40485 45512 E 44031 5165 44373 43818 41525 45153 43792 F 7537 19867 39761 43799 43359 42454 43311 G 5886 43733 45779 43588 43909 44586 46197 H 18103 7831 41253 41521 42887 42141 43074 I 42955 5499 43552 44015 44609 42344 46622 J 7771 18519 43203 41782 42792 43839 44674 K 4664 44509 44534 45253 44945 42763 45375 L	A 40765 5192 45125 42900 43092 42833 45210 44356 B 8238 18792 40919 43408 40776 43197 44656 44512 C 4837 44171 46252 44552 45601 45009 44098 43651 D 18944 8359 39320 42949 41766 40485 45512 43257 E 44031 5165 44373 43818 41525 45153 43792 42437 F 7537 19867 39761 43799 43359 42454 43311 42088 G 5886 43733 45779 43588 43909 44586 46197 43325 H 18103 7831 41253 41521 42887 42141 43074 43997 I 42955 5499 43552 44015 44609 42344 46622 44536 J 7771 18519 43203 41782 42792 43839 44674 42117	A 40765 5192 45125 42900 43092 42833 45210 44356 41411 B 8238 18792 40919 43408 40776 43197 44656 44512 40730 C 4837 44171 46252 44552 45601 45009 44098 43651 41836 D 18944 8359 39320 42949 41766 40485 45512 43257 41952 E 44031 5165 44373 43818 41525 45153 43792 42437 42042 F 7537 19867 39761 43799 43359 42454 43311 42088 41199 G 5886 43733 45779 43588 43909 44586 46197 43325 55259 H 18103 7831 41253 41521 42887 42141 43074 43997 43575 I 42955 5499 43552 44015 44609 42344 46622 44536 44245 <td< td=""></td<>

