Luc Measurement Kinetic Organizer

To prepare tabular and tabular kinetic data for analysis in JMP®

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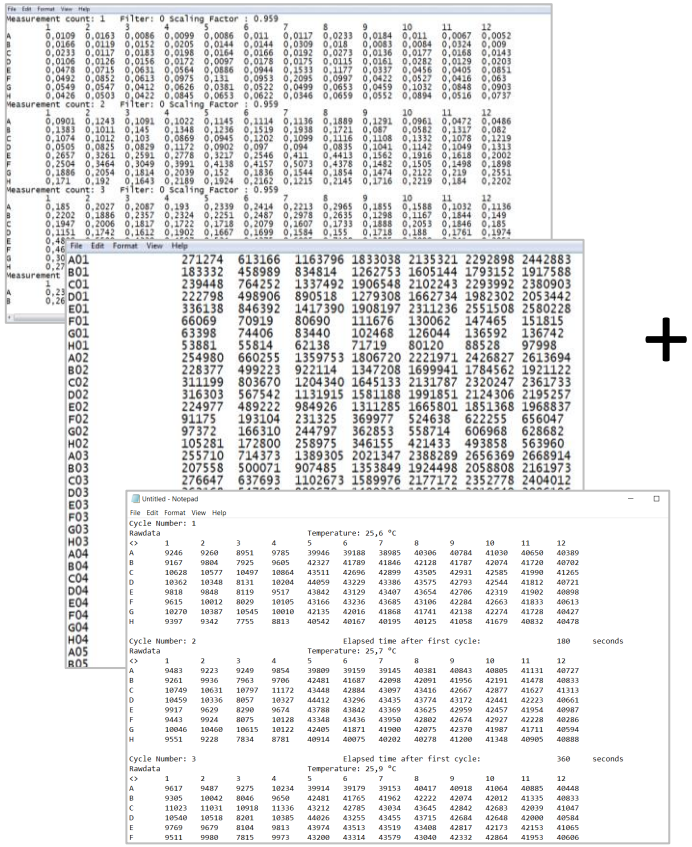
The basic idea

Various Plate Reader Outputs



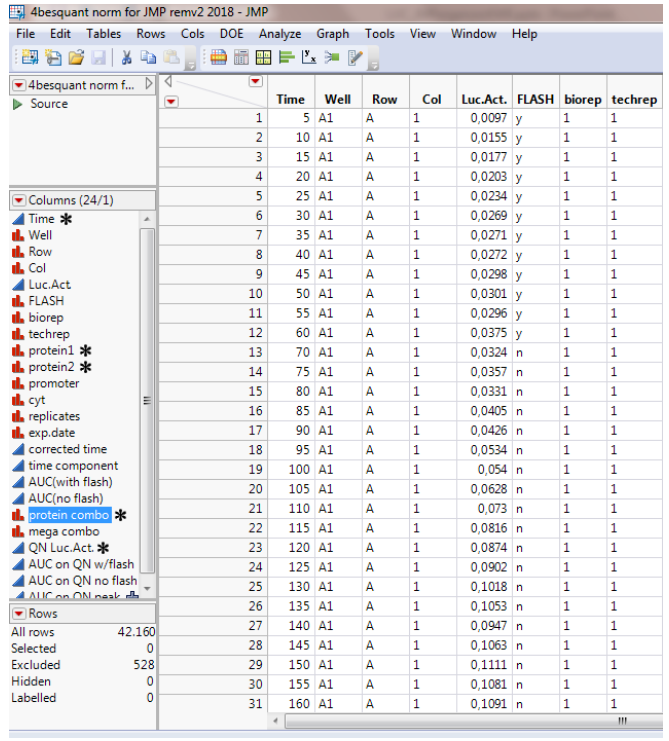
+

Multi-well layout labeling and properties

		1	2	3	4	5	6	7
A	promoter	aa	aa	aa	aa			
B	promoter	aa	aa	aa	aa			
C	promoter	aa	aa	aa	aa			
D	promoter	aa	aa	aa	aa			
E	promoter	aa	aa	aa	aa			
A	protein	w	w	w	w			
B	protein	h	h	h	h			
C	protein	k	k	k	k			
D	protein	q	q	q	q			
E	protein	t	t	t	t			
	next block							
	next block							
	next block							
	next block							
	next block							

=

Input ready for i.e. JMP or SPSS



	Time	Well	Row	Col	Luc.Act.	FLASH	biorep	techrep
1	5	A1	A	1	0,0097	y	1	1
2	10	A1	A	1	0,0155	y	1	1
3	15	A1	A	1	0,0177	y	1	1
4	20	A1	A	1	0,0203	y	1	1
5	25	A1	A	1	0,0234	y	1	1
6	30	A1	A	1	0,0269	y	1	1
7	35	A1	A	1	0,0271	y	1	1
8	40	A1	A	1	0,0272	y	1	1
9	45	A1	A	1	0,0298	y	1	1
10	50	A1	A	1	0,0301	y	1	1
11	55	A1	A	1	0,0296	y	1	1
12	60	A1	A	1	0,0375	y	1	1
13	70	A1	A	1	0,0324	n	1	1
14	75	A1	A	1	0,0357	n	1	1
15	80	A1	A	1	0,0331	n	1	1
16	85	A1	A	1	0,0405	n	1	1
17	90	A1	A	1	0,0426	n	1	1
18	95	A1	A	1	0,0534	n	1	1
19	100	A1	A	1	0,054	n	1	1
20	105	A1	A	1	0,0628	n	1	1
21	110	A1	A	1	0,073	n	1	1
22	115	A1	A	1	0,0816	n	1	1
23	120	A1	A	1	0,0874	n	1	1
24	125	A1	A	1	0,0902	n	1	1
25	130	A1	A	1	0,1018	n	1	1
26	135	A1	A	1	0,1053	n	1	1
27	140	A1	A	1	0,0947	n	1	1
28	145	A1	A	1	0,1063	n	1	1
29	150	A1	A	1	0,1111	n	1	1
30	155	A1	A	1	0,1081	n	1	1
31	160	A1	A	1	0,1091	n	1	1

Move these formats:

WinSkan (Berthold) format

File Edit Format View Help

A01	271274	613166	1163796	1833038	2135321	2292898	2442883
B01	183332	458989	834814	1262753	1605144	1793152	1917588
C01	239448	764252	1337492	1906548	2102243	2293992	2380903
D01	222798	498906	890518	1279308	1662734	1982302	2053442
E01	336138	846392	1417390	1908197	2311236	2551508	2580228
F01	66069	70919	80690	111676	130062	147465	151815
G01	63398	74406	83440	102468	126044	136592	136742
H01	53881	55814	62138	71719	80120	88528	97998
A02	254980	660255	1359753	1806720	2221971	2426827	2613694
B02	228377	499223	922114	1347208	1699941	1784562	1921122
C02	311199	803670	1204340	1645133	2131787	2320247	2361733
D02	316303	567542	1131915	1581188	1991851	2124306	2195257
E02	224977	489222	984926	1311285	1665801	1851368	1968837
F02	91175	193104	231325	369977	524638	622255	656047
G02	97372	166310	244797	362853	558714	606968	628682
H02	105281	172800	258975	346155	421433	493858	563960
A03	255710	714373	1389305	2021347	2388289	2656369	2668914
B03	207558	500071	907485	1353849	1924498	2058808	2161973
C03	276647	637693	1102673	1589976	2177172	2352778	2404012
D03	262168	547968	889670	1480226	1859538	2010649	2086196
E03	60823	59666	48555	116645	56956	52209	46812
F03	67115	72631	77766	105772	132225	140174	153654
G03	63470	75888	80421	107492	160493	161095	164448
H03	52549	56829	65728	76910	87545	97919	110781
A04	65586	70975	101992	149319	159455	181557	197224
B04	53350	54443	65459	79890	90905	104956	120425
C04	73154	97507	97824	159859	188666	201005	213272
D04	62273	79161	82204	119744	160461	163417	171746
E04	77687	77481	104227	162791	189870	239567	250305
F04	76300	109719	143724	205728	235858	261201	291141
G04	75032	94487	133596	178126	264886	274666	285634
H04	74287	99060	128247	165715	197359	228781	260306
A05	64651	77489	97110	151601	194205	233108	244599
B05	62867	60316	70333	96738	153416	148099	164558

FluoroskanAscentFL format

File Edit Format View Help

Measurement count: 1 Filter: 0 Scaling Factor : 0.959

	1	2	3	4	5	6	7	8	9	10	11	12
A	0,0109	0,0163	0,0086	0,0099	0,0086	0,011	0,0117	0,0233	0,0184	0,011	0,0067	0,0052
B	0,0166	0,0119	0,0152	0,0205	0,0144	0,0144	0,0309	0,018	0,0083	0,0084	0,0324	0,009
C	0,0233	0,0117	0,0183	0,0198	0,0164	0,0166	0,0192	0,0273	0,0136	0,0177	0,0168	0,0143
D	0,0106	0,0126	0,0156	0,0172	0,0097	0,0178	0,0175	0,0115	0,0161	0,0282	0,0129	0,0203
E	0,0478	0,0715	0,0631	0,0564	0,0886	0,0944	0,1533	0,1177	0,0337	0,0456	0,0405	0,0851
F	0,0492	0,0852	0,0613	0,0975	0,131	0,0953	0,2095	0,0997	0,0422	0,0527	0,0416	0,063
G	0,0549	0,0547	0,0412	0,0626	0,0381	0,0522	0,0499	0,0653	0,0459	0,1032	0,0848	0,0903
H	0,0426	0,0503	0,0422	0,0845	0,0653	0,0622	0,0346	0,0659	0,0552	0,0894	0,0516	0,0737

Measurement count: 2 Filter: 0 Scaling Factor : 0.959

	1	2	3	4	5	6	7	8	9	10	11	12
A	0,0901	0,1243	0,1091	0,1022	0,1145	0,1114	0,1136	0,1889	0,1291	0,0961	0,0472	0,0486
B	0,1383	0,1011	0,145	0,1348	0,1236	0,1519	0,1938	0,1721	0,087	0,0582	0,1317	0,082
C	0,1074	0,1012	0,103	0,0869	0,0945	0,1202	0,1099	0,1116	0,1108	0,1332	0,1078	0,1219
D	0,0505	0,0825	0,0829	0,1172	0,0902	0,097	0,094	0,0835	0,1041	0,1142	0,1049	0,1313
E	0,2657	0,3261	0,2591	0,2778	0,3217	0,2546	0,411	0,4413	0,1562	0,1916	0,1618	0,2002
F	0,2504	0,3464	0,3049	0,3991	0,4138	0,4157	0,5073	0,4378	0,1482	0,1505	0,1498	0,1898
G	0,1886	0,2054	0,1814	0,2039	0,152	0,1836	0,1544	0,1854	0,1474	0,2122	0,219	0,2551
H	0,171	0,192	0,1643	0,2189	0,1924	0,2162	0,1215	0,2145	0,1716	0,2219	0,184	0,2202

Measurement count: 3 Filter: 0 Scaling Factor : 0.959

	1	2	3	4	5	6	7	8	9	10	11	12
A	0,185	0,2027	0,2087	0,193	0,2339	0,2414	0,2213	0,2965	0,1855	0,1588	0,1032	0,1136
B	0,2202	0,1886	0,2357	0,2324	0,2251	0,2487	0,2978	0,2635	0,1298	0,1167	0,1844	0,149
C	0,1947	0,2006	0,1817	0,1722	0,1718	0,2079	0,1607	0,1733	0,1888	0,2053	0,1846	0,185
D	0,1151	0,1742	0,1612	0,1902	0,1667	0,1699	0,1584	0,155	0,1718	0,188	0,1761	0,1974
E	0,4808	0,5599	0,4328	0,4597	0,534	0,4275	0,6095	0,7198	0,2885	0,3099	0,241	0,2951
F	0,4619	0,5479	0,5025	0,6443	0,6272	0,6627	0,7042	0,7074	0,232	0,2536	0,2279	0,2851
G	0,3048	0,3174	0,2773	0,334	0,253	0,2985	0,2518	0,2884	0,2298	0,2992	0,3192	0,3673
H	0,2767	0,3204	0,2512	0,3182	0,2745	0,3693	0,2296	0,3432	0,2566	0,3241	0,2762	0,3301

Measurement count: 4 Filter: 0 Scaling Factor : 0.959

	1	2	3	4	5	6	7	8	9	10	11	12
A	0,2375	0,2439	0,2596	0,2553	0,3091	0,314	0,2946	0,3433	0,2211	0,2049	0,1469	0,1579
B	0,2695	0,2511	0,2934	0,2866	0,2926	0,3143	0,3494	0,3351	0,1627	0,1633	0,2311	0,1882

And move this format too, to …..

TECAN Safire

Untitled - Notepad

File Edit Format View Help

Cycle Number: 1

Rawdata Temperature: 25,6 °C

<>	1	2	3	4	5	6	7	8	9	10	11	12
A	9246	9260	8951	9785	39946	39188	38985	40306	40784	41030	40650	40389
B	9167	9804	7925	9605	42327	41789	41846	42128	41787	42074	41720	40702
C	10628	10577	10497	10864	43511	42696	42899	43505	42931	42585	41990	41265
D	10362	10348	8131	10204	44059	43229	43386	43575	42793	42544	41812	40721
E	9818	9848	8119	9517	43842	43129	43407	43654	42706	42319	41902	40898
F	9615	10012	8029	10105	43166	43236	43685	43106	42284	42663	41833	40613
G	10270	10387	10545	10010	42135	42016	41868	41741	42138	42274	41728	40427
H	9397	9342	7755	8813	40542	40167	40195	40125	41058	41679	40832	40478

Cycle Number: 2 Elapsed time after first cycle: 180 seconds

Rawdata Temperature: 25,7 °C

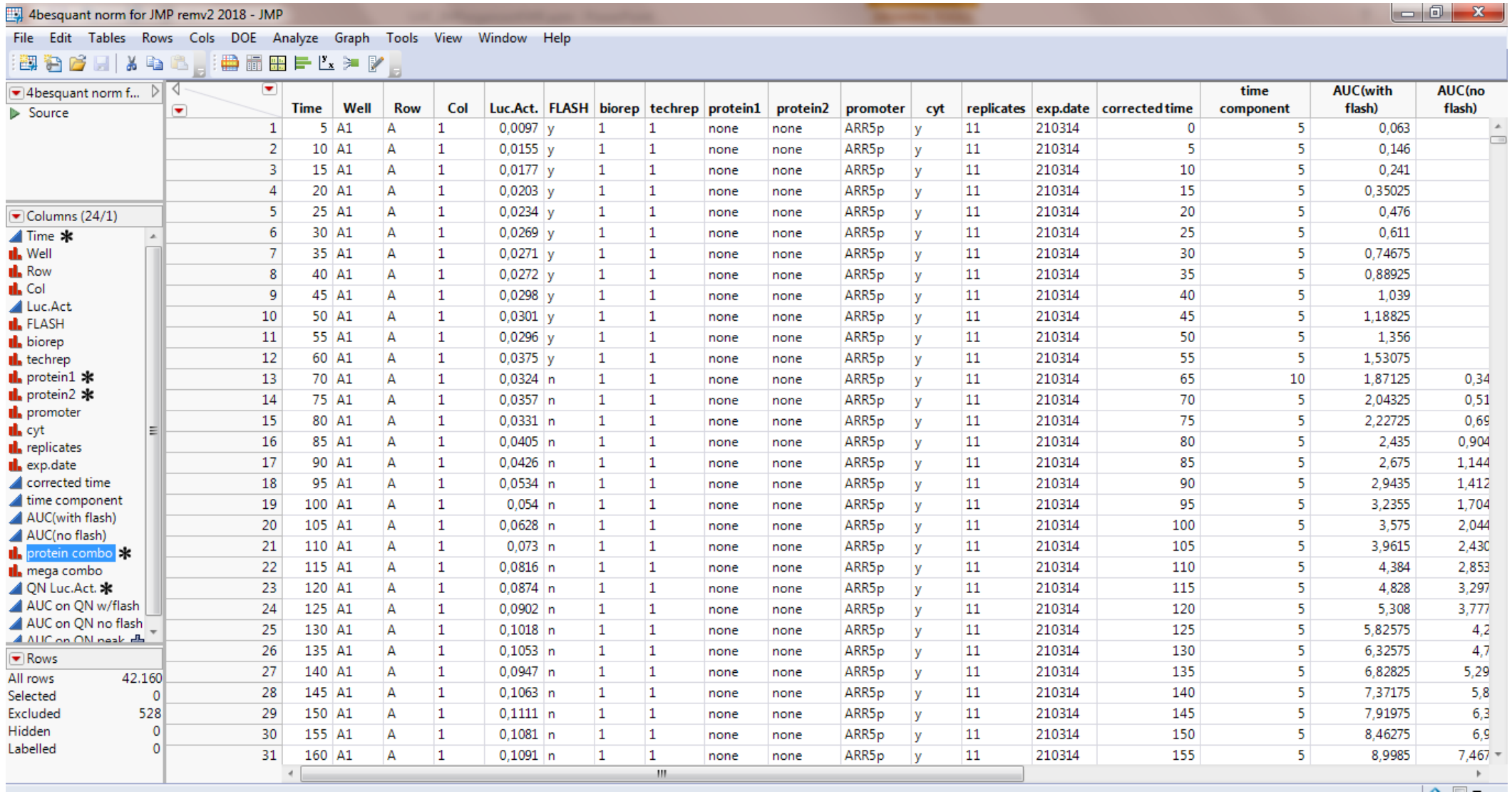
<>	1	2	3	4	5	6	7	8	9	10	11	12
A	9483	9223	9249	9854	39809	39159	39145	40381	40843	40805	41131	40727
B	9261	9936	7963	9706	42481	41687	42098	42091	41956	42191	41478	40833
C	10749	10631	10797	11172	43448	42884	43097	43416	42667	42877	41627	41313
D	10459	10336	8057	10327	44412	43296	43435	43774	43172	42441	42223	40661
E	9917	9629	8290	9674	43788	43842	43369	43625	42959	42457	41954	40987
F	9443	9924	8075	10128	43348	43436	43950	42802	42674	42927	42228	40286
G	10046	10460	10615	10122	42405	41871	41900	42075	42370	41987	41711	40594
H	9551	9228	7834	8781	40914	40075	40202	40278	41200	41348	40905	40888

Cycle Number: 3 Elapsed time after first cycle: 360 seconds

Rawdata Temperature: 25,9 °C

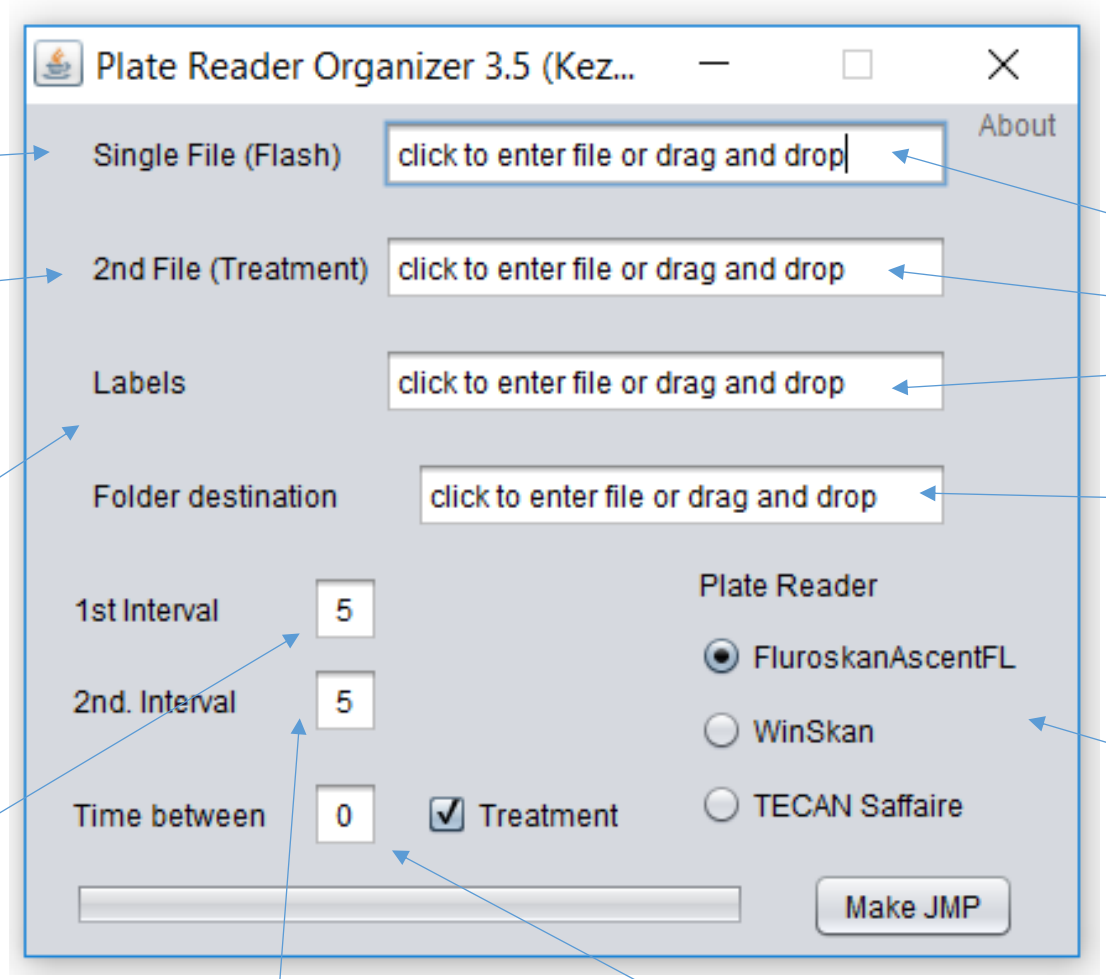
<>	1	2	3	4	5	6	7	8	9	10	11	12
A	9617	9487	9275	10234	39914	39179	39153	40417	40918	41064	40885	40448
B	9305	10042	8046	9650	42481	41765	41962	42222	42074	42012	41335	40833
C	11023	11031	10918	11336	43212	42785	43034	43645	42842	42683	42039	41047
D	10540	10518	8201	10385	44026	43255	43455	43715	42684	42648	42000	40584
E	9769	9679	8104	9813	43974	43513	43519	43408	42817	42173	42153	41065
F	9511	9980	7815	9973	43200	43314	43579	43040	42332	42864	41953	40606

…to this format for JMP:



	Time	Well	Row	Col	Luc.Act.	FLASH	biorep	techrep	protein1	protein2	promoter	cyt	replicates	exp.date	corrected time	time component	AUC(with flash)	AUC(no flash)
1	5	A1	A	1	0,0097	y	1	1	none	none	ARR5p	y	11	210314	0	5	0,063	
2	10	A1	A	1	0,0155	y	1	1	none	none	ARR5p	y	11	210314	5	5	0,146	
3	15	A1	A	1	0,0177	y	1	1	none	none	ARR5p	y	11	210314	10	5	0,241	
4	20	A1	A	1	0,0203	y	1	1	none	none	ARR5p	y	11	210314	15	5	0,35025	
5	25	A1	A	1	0,0234	y	1	1	none	none	ARR5p	y	11	210314	20	5	0,476	
6	30	A1	A	1	0,0269	y	1	1	none	none	ARR5p	y	11	210314	25	5	0,611	
7	35	A1	A	1	0,0271	y	1	1	none	none	ARR5p	y	11	210314	30	5	0,74675	
8	40	A1	A	1	0,0272	y	1	1	none	none	ARR5p	y	11	210314	35	5	0,88925	
9	45	A1	A	1	0,0298	y	1	1	none	none	ARR5p	y	11	210314	40	5	1,039	
10	50	A1	A	1	0,0301	y	1	1	none	none	ARR5p	y	11	210314	45	5	1,18825	
11	55	A1	A	1	0,0296	y	1	1	none	none	ARR5p	y	11	210314	50	5	1,356	
12	60	A1	A	1	0,0375	y	1	1	none	none	ARR5p	y	11	210314	55	5	1,53075	
13	70	A1	A	1	0,0324	n	1	1	none	none	ARR5p	y	11	210314	65	10	1,87125	0,34
14	75	A1	A	1	0,0357	n	1	1	none	none	ARR5p	y	11	210314	70	5	2,04325	0,51
15	80	A1	A	1	0,0331	n	1	1	none	none	ARR5p	y	11	210314	75	5	2,22725	0,69
16	85	A1	A	1	0,0405	n	1	1	none	none	ARR5p	y	11	210314	80	5	2,435	0,904
17	90	A1	A	1	0,0426	n	1	1	none	none	ARR5p	y	11	210314	85	5	2,675	1,144
18	95	A1	A	1	0,0534	n	1	1	none	none	ARR5p	y	11	210314	90	5	2,9435	1,412
19	100	A1	A	1	0,054	n	1	1	none	none	ARR5p	y	11	210314	95	5	3,2355	1,704
20	105	A1	A	1	0,0628	n	1	1	none	none	ARR5p	y	11	210314	100	5	3,575	2,044
21	110	A1	A	1	0,073	n	1	1	none	none	ARR5p	y	11	210314	105	5	3,9615	2,430
22	115	A1	A	1	0,0816	n	1	1	none	none	ARR5p	y	11	210314	110	5	4,384	2,853
23	120	A1	A	1	0,0874	n	1	1	none	none	ARR5p	y	11	210314	115	5	4,828	3,297
24	125	A1	A	1	0,0902	n	1	1	none	none	ARR5p	y	11	210314	120	5	5,308	3,777
25	130	A1	A	1	0,1018	n	1	1	none	none	ARR5p	y	11	210314	125	5	5,82575	4,2
26	135	A1	A	1	0,1053	n	1	1	none	none	ARR5p	y	11	210314	130	5	6,32575	4,7
27	140	A1	A	1	0,0947	n	1	1	none	none	ARR5p	y	11	210314	135	5	6,82825	5,29
28	145	A1	A	1	0,1063	n	1	1	none	none	ARR5p	y	11	210314	140	5	7,37175	5,8
29	150	A1	A	1	0,1111	n	1	1	none	none	ARR5p	y	11	210314	145	5	7,91975	6,3
30	155	A1	A	1	0,1081	n	1	1	none	none	ARR5p	y	11	210314	150	5	8,46275	6,9
31	160	A1	A	1	0,1091	n	1	1	none	none	ARR5p	y	11	210314	155	5	8,9985	7,467

You have to mouse-over the fields to activate them, but once activated you can do drag-drop



SINGLE (first file)

Second file (to be placed kinetically after the first file).

Text files, tab delimited

Folder destination

Labels according to scheme

Machine input format

Kinetic spacing between measurements for the 1st file

Kinetic spacing between measurements for the 2nd file

Time between first and second measurement files

Label inputs are dynamically obtained from a table

here are two examples that both work

both format methods works, depends on how you want to arrage it, the left version is easier when you want to add a new property

- you can have as many properites as you want, also works for small matrixs and larger ones; left-adjusted and no gaps

		1	2	3	4	5	6	7	8	9	10	11	12
A	promoter	aa	aa	aa	aa								
B	promoter	aa	aa	aa	aa								
C	promoter	aa	aa	aa	aa								
D	promoter	aa	aa	aa	aa								
E	promoter	aa	aa	aa	aa								
A	protein	w	w	w	w								
B	protein	h	h	h	h								
C	protein	k	k	k	k								
D	protein	q	q	q	q								
E	protein	t	t	t	t								
A	next block												
B	next block												
C	next block												
D	next block												
E	next block												

		1	2	3	4	5	6	7	8
A	promoter	aa	aa	bb	bb				
A	protein	n	n	X	X				
A	treatment	n	y	n	y				
A	biorep	1	1	1	1				
A	techrep	1	2	1	2				
B	promoter	aa	aa	bb	bb				
B	protein	n	n	X	X				
B	treatment	n	y	n	y				
B	biorep	2	2	2	2				
B	techrep	1	2	1	2				
C	promoter	aa	aa	bb	bb				
C	protein	n	n	X	X				
C	treatment	n	y	n	y				
C	biorep	2	2	2	2				
C	techrep	1	2	1	2				

Prepare labels/properties in Excel

96 wells - you can have as many properites as you want, also works for small matrixs and larger ones

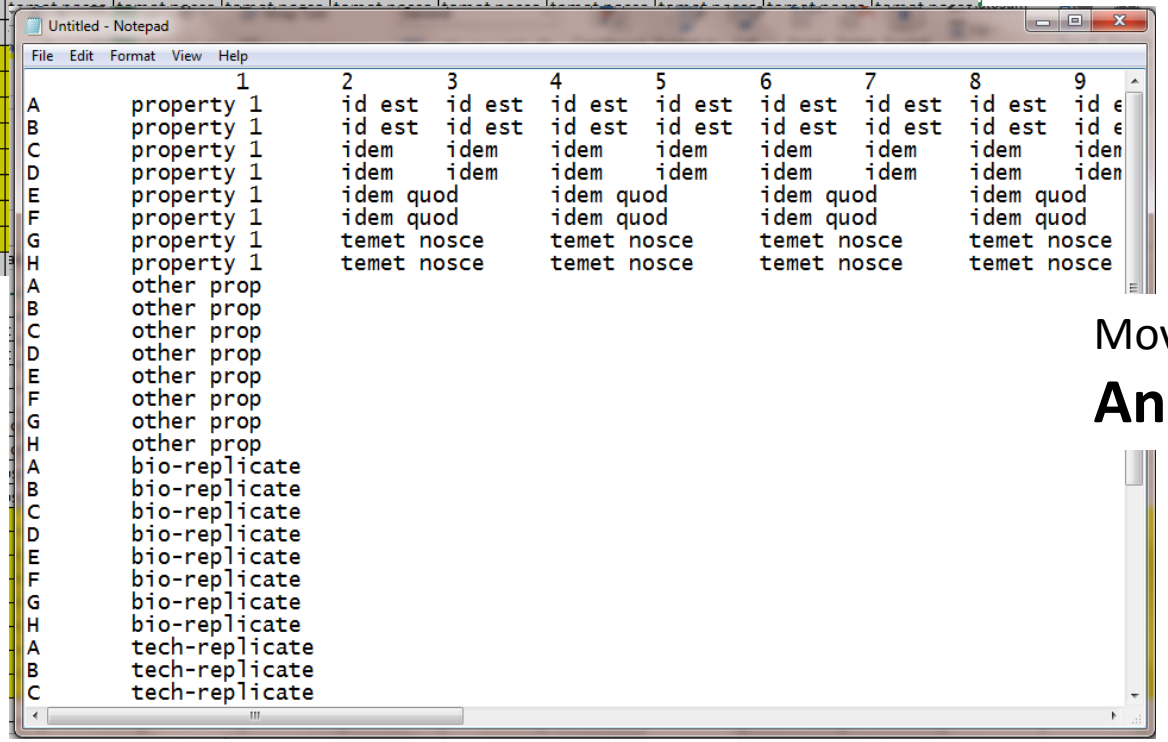
		1	2	3	4	5	6	7	8	9	10	11	12
A	property 1	id est	id est	id est	id est	id est	id est	id est	id est	id est	id est	id est	id est
B	property 1	id est	id est	id est	id est	id est	id est	id est	id est	id est	id est	id est	id est
C	property 1	idem	idem	idem	idem	idem	idem	idem	idem	idem	idem	idem	idem
D	property 1	idem	idem	idem	idem	idem	idem	idem	idem	idem	idem	idem	idem
E	property 1	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod
F	property 1	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod
G	property 1	temet nosce	temet nosce	temet nosce	temet nosce	temet nosce	temet nosce	temet nosce	temet nosce	temet nosce	temet nosce	temet nosce	temet nosce
H	property 1	temet nosce	temet nosce	temet nosce	temet nosce	temet nosce	temet nosce	temet nosce	temet nosce	temet nosce	temet nosce	temet nosce	temet nosce
A	other prop												
B	other prop												
C													
D													
E													
F													
G													
H													
A													

96 wells - you can have as many properites as you want, also works for small matrixs and larger ones

		1	2	3	4	5	6	7	8	9	10	11	12
A	property 1	id est	id est	id est	id est	id est	id est	id est	id est	id est	id est	id est	id est
B	property 1	id est	id est	id est	id est	id est	id est	id est	id est	id est	id est	id est	id est
C	property 1	idem	idem	idem	idem	idem	idem	idem	idem	idem	idem	idem	idem
D	property 1	idem	idem	idem	idem	idem	idem	idem	idem	idem	idem	idem	idem
E	property 1	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod
F	property 1	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod	idem quod
G	property 1	temet nosce	temet nosce	temet nosce									
H	property 1	temet nosce	temet nosce	temet nosce									
A	other prop												
B	other prop												
C	other prop												
D	other prop												
E	other prop												
F	other prop												
G	other prop												
H	other prop												
A	bio-replicate												

Start here!

Copy table from Excel.
Notice there are two blank wells
At the top right.



Move to text editor

And save as text

FluoroskanAscentFL format

Move to text editor

And save as text

	A	B	C	D	E
1	Measurement count: 1	Filter: 0 Scaling Factor : 0.959			
2		1	2	3	4
3	A	0,3135	0,2907	0,2927	0,2812
4	B	0,2728	0,2908	0,3133	0,1975
5	Measurement count: 2	Filter: 0 Scaling Factor : 0.959			
6		1	2	3	4
7	A	0,4628	0,4014	0,4229	0,4043
8	B	0,3827	0,4135	0,4602	0,2877
9	Measurement count: 3	Filter: 0 Sc			
10		1	2		
11	A	0,5807	0,511		
12	B	0,4693	0,506		
13	Measurement count: 4	Filter: 0 Sc			
14		1	2		
15	A	0,6771	0,5922		
16	B	0,5058	0,5561		
17					

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```
Measurement count: 1   Filter: 0 Scaling Factor : 0.959
          1        2        3        4
A         0,3135   0,2907   0,2927   0,2812
B         0,2728   0,2908   0,3133   0,1975
Measurement count: 2   Filter: 0 Scaling Factor : 0.959
          1        2        3        4
A         0,4628   0,4014   0,4229   0,4043
B         0,3827   0,4135   0,4602   0,2877
Measurement count: 3   Filter: 0 Scaling Factor : 0.959
          1        2        3        4
A         0,5807   0,511    0,5306   0,5132
B         0,4693   0,506    0,5742   0,3495
Measurement count: 4   Filter: 0 Scaling Factor : 0.959
          1        2        3        4
A         0,6771   0,5922   0,5961   0,5639
B         0,5058   0,5561   0,6461   0,4015
```

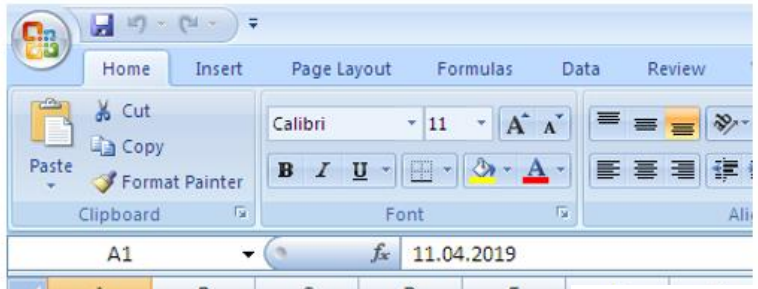
Header lines need to be there in order for the kinetic information to work; and for the program to work in general for this format.

WinSkan (Berthold) format

Move to text editor

And save as text

Note: each column is a time point

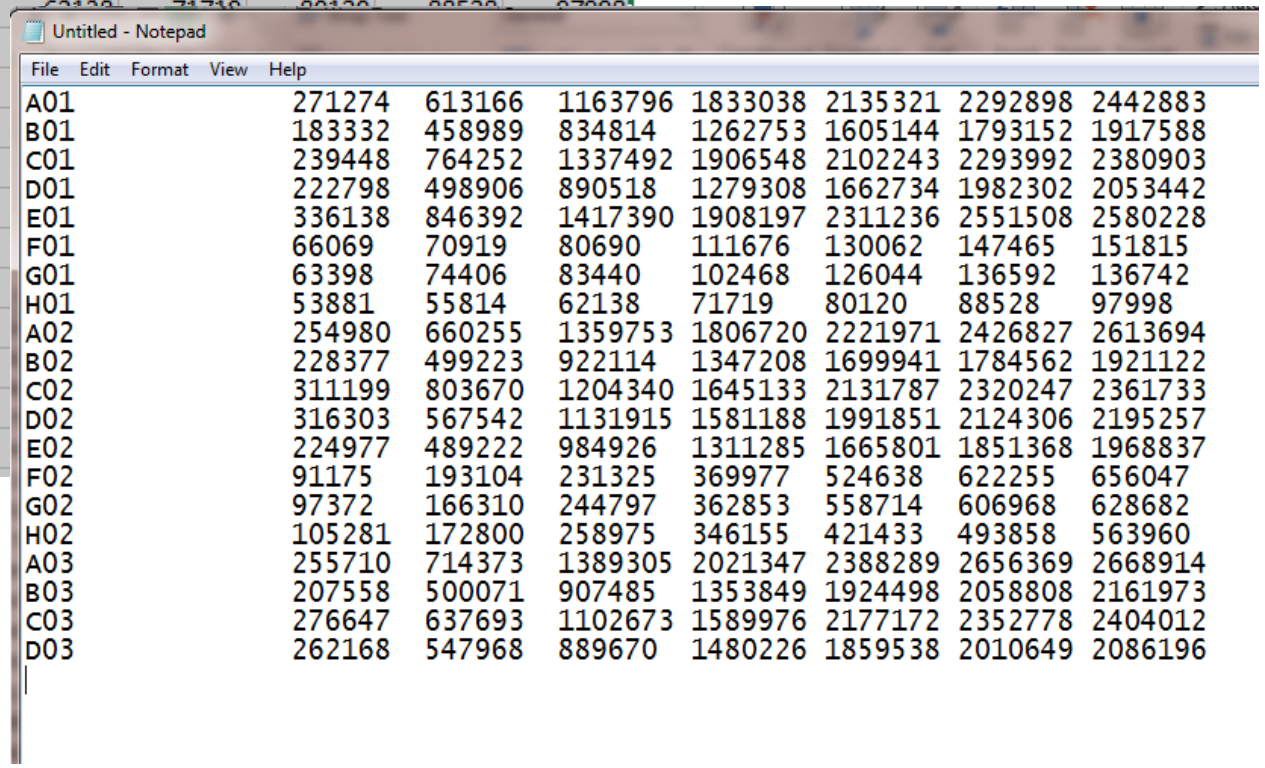


	A	B	C	D	E
1	11.04.2019				
2					
3	13:13:3013:13:30				
4			time		
5	Time/Pos	00:00:000	00:59:850	01:59:850	02:59:850
6	A01	8	0	8	0
7	B01	0	8	0	8
8	C01	8	8	8	8
9	D01	8	8	0	0
10	E01	8	0	8	8
11	F01	8	0	8	8
12	G01	8	0	0	0
13	H01	8	0	8	8
14	A02	16	8	8	0
15	B02	8	0	0	0

wells

and so on....

	A	B	C	D	E	F	G	H
1	A01	271274	613166	1163796	1833038	2135321	2292898	2442883
2	B01	183332	458989	834814	1262753	1605144	1793152	1917588
3	C01	239448	764252	1337492	1906548	2102243	2293992	2380903
4	D01	222798	498906	890518	1279308	1662734	1982302	2053442
5	E01	336138	846392	1417390	1908197	2311236	2551508	2580228
6	F01	66069	70919	80690	111676	130062	147465	151815
7	G01	63398	74406	83440	102468	126044	136592	136742
8	H01	53881	55814					
9	A02	254980	660255					
10	B02	228377	499223					
11	C02	311199	803670					
12	D02	316303	567542					
13	E02	224977	489222					
14	F02	91175	193104					
15	G02	97372	166310					
16	H02	105281	172800					
17	A03	255710	714373					
18	B03	207558	500071					
19	C03	276647	637693					



Tecan (Safire) format

Move to text editor

And save as text

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Cycle Number: 1												
2	Rawdata					Temperature: 25,6 °C							
3	<>	1	2	3	4	5	6	7	8	9	10	11	12
4	A	9246	9260	8951	9785	39946	39188	38985	40306	40784	41030	40650	40389
5	B	9167	9804	7925	9605	42327	41789	41846	42128	41787	42074	41720	40702
6	C	10628	10577	10497	10864	43511	42696	42899	43505	42931	42585	41990	41265
7	D	10362	10348	8131	10204	44059	43229	43386	43575	42793	42544	41812	40721
8	E	9818											
9	F	9615											
10	G	10270											
11	H	9397											
12													
13	Cycle Number: 2												
14	Rawdata												
15	<>	1											
16	A	9483											
17	B	9261											
18	C	10749											
19	D	10459											
20	E	9917											
21	F	9443											
22	G	10046											
23	H	9551											
24													
25	Cycle Number: 3												
26	Rawdata												
27	<>	1											
28	A	9617											
29	B	9305											
30	C	11023											
31	D	10540											
32	E	9769											

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```
Cycle Number: 1
Rawdata                                 Temperature: 25,6 °C
<>      1       2       3       4       5       6       7       8       9       10      11      12
A       9246    9260    8951    9785    39946   39188   38985   40306   40784   41030   40650   40389
B       9167    9804    7925    9605    42327   41789   41846   42128   41787   42074   41720   40702
C       10628   10577   10497   10864   43511   42696   42899   43505   42931   42585   41990   41265
D       10362   10348   8131    10204   44059   43229   43386   43575   42793   42544   41812   40721
E       9818    9848    8119    9517    43842   43129   43407   43654   42706   42319   41902   40898
F       9615    10012   8029    10105   43166   43236   43685   43106   42284   42663   41833   40613
G       10270   10387   10545   10010   42135   42016   41868   41741   42138   42274   41728   40427
H       9397    9342    7755    8813    40542   40167   40195   40125   41058   41679   40832   40478

Cycle Number: 2                                 Elapsed time after first cycle:         180     seconds
Rawdata                                 Temperature: 25,7 °C
<>      1       2       3       4       5       6       7       8       9       10      11      12
A       9483    9223    9249    9854    39809   39159   39145   40381   40843   40805   41131   40727
B       9261    9936    7963    9706    42481   41687   42098   42091   41956   42191   41478   40833
C       10749   10631   10797   11172   43448   42884   43097   43416   42667   42877   41627   41313
D       10459   10336   8057    10327   44412   43296   43435   43774   43172   42441   42223   40661
E       9917    9629    8290    9674    43788   43842   43369   43625   42959   42457   41954   40987
F       9443    9924    8075    10128   43348   43436   43950   42802   42674   42927   42228   40286
G       10046   10460   10615   10122   42405   41871   41900   42075   42370   41987   41711   40594
H       9551    9228    7834    8781    40914   40075   40202   40278   41200   41348   40905   40888

Cycle Number: 3                                 Elapsed time after first cycle:         360     seconds
Rawdata                                 Temperature: 25,9 °C
<>      1       2       3       4       5       6       7       8       9       10      11      12
A       9617    9487    9275    10234   39914   39179   39153   40417   40918   41064   40885   40448
B       9305    10042   8046    9650    42481   41765   41962   42222   42074   42012   41335   40833
C       11023   11031   10918   11336   43212   42785   43034   43645   42842   42683   42039   41047
D       10540   10518   8201    10385   44026   43255   43455   43715   42684   42648   42000   40584
E       9769    9679    8104    9813    43974   43513   43519   43408   42817   42173   42153   41065
F       9511    9980    7815    9973    43200   43314   43579   43040   42332   42864   41953   40606
```

Header lines need to be there in order for the kinetic information to work; and for the program to work in general for this format. The temperature line is ignored.

Drop them all in …

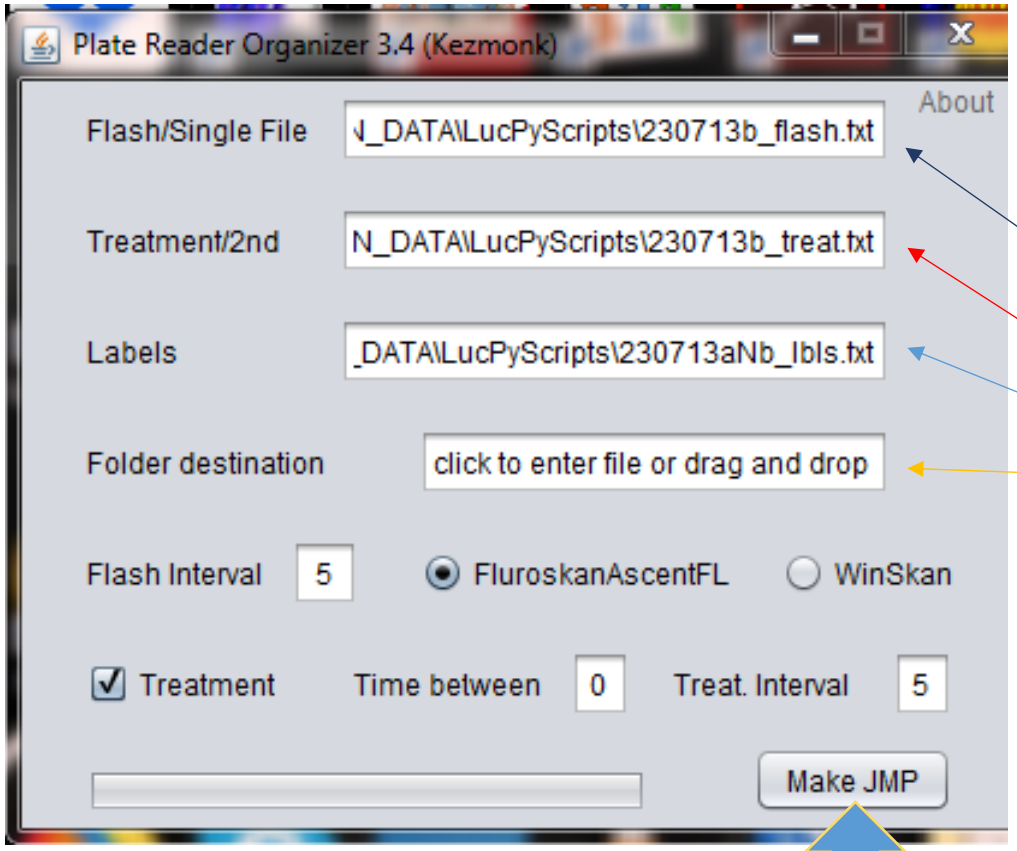
… and import it to JMP or SPSS.

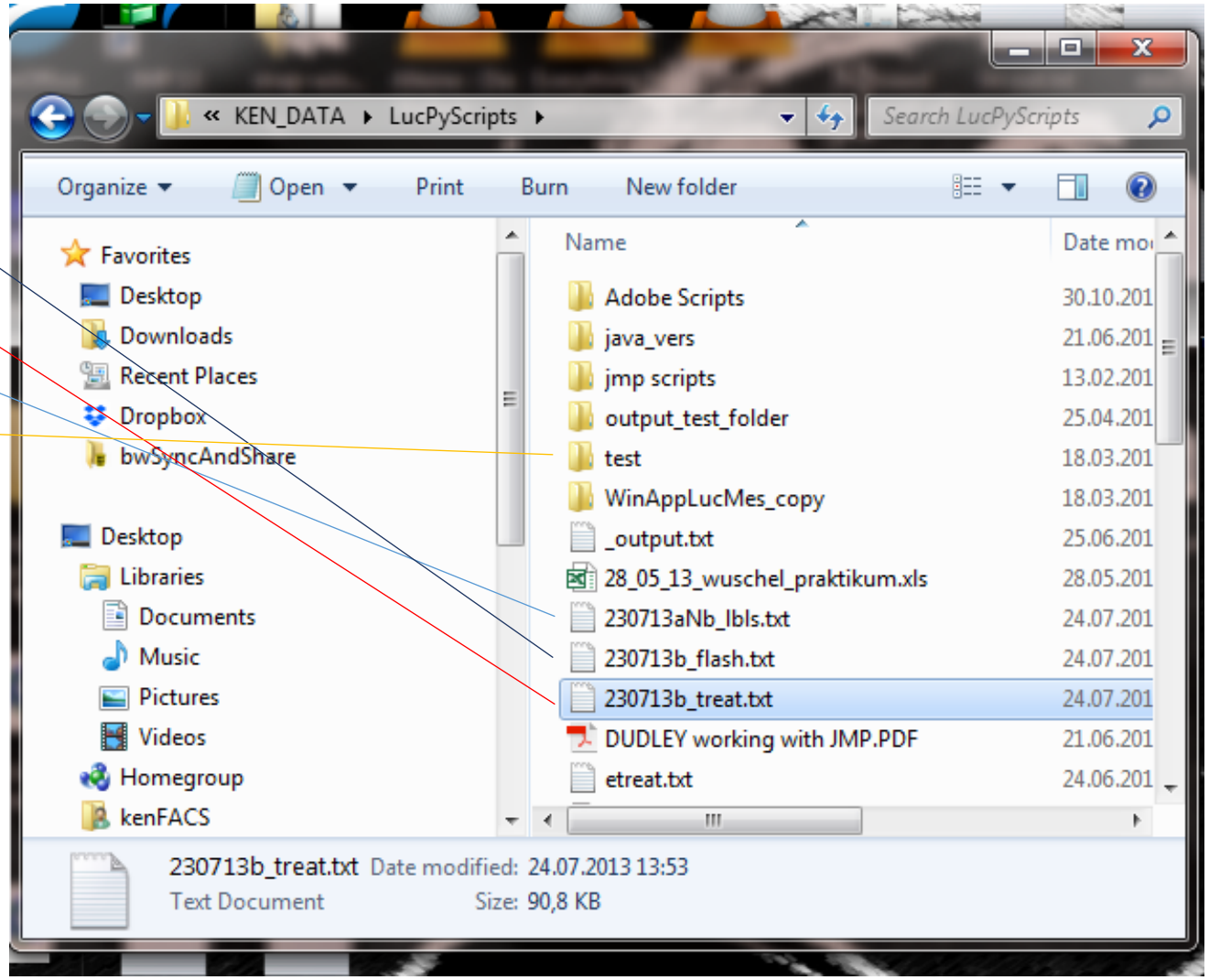
THEN: Check that all the well are labeled properly using overlays.

If mislabeled, fix the labels and run it again.

Check it again…when all is correct… have at it!

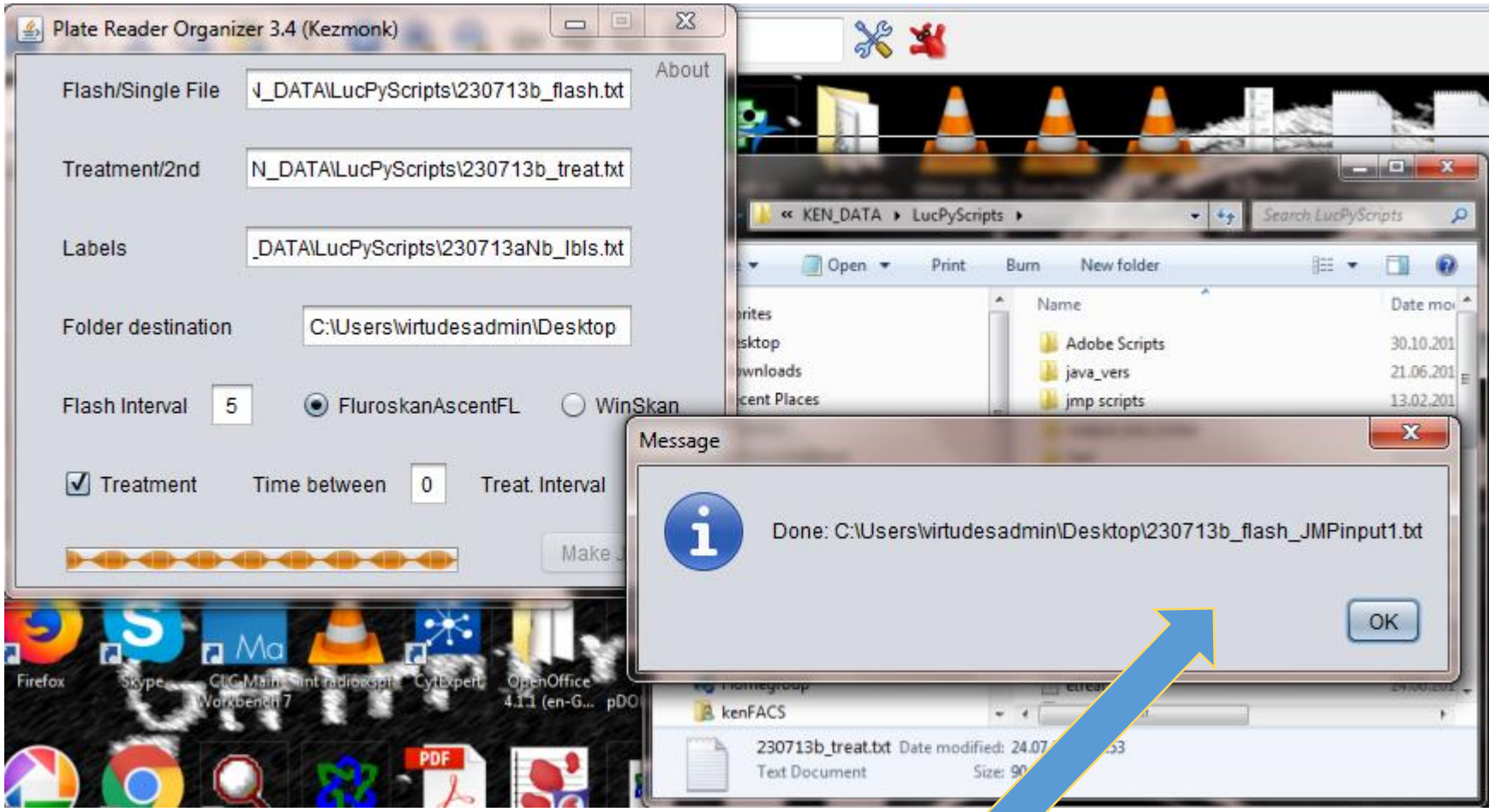
Drag and drop the text files





After entering all the text files run it!

Click “Make JMP”: if you did it all correctly, you’re done. Open in JMP by drag-drop or import, double check the column formats.



If successful you have a file, and a message that the program is done.