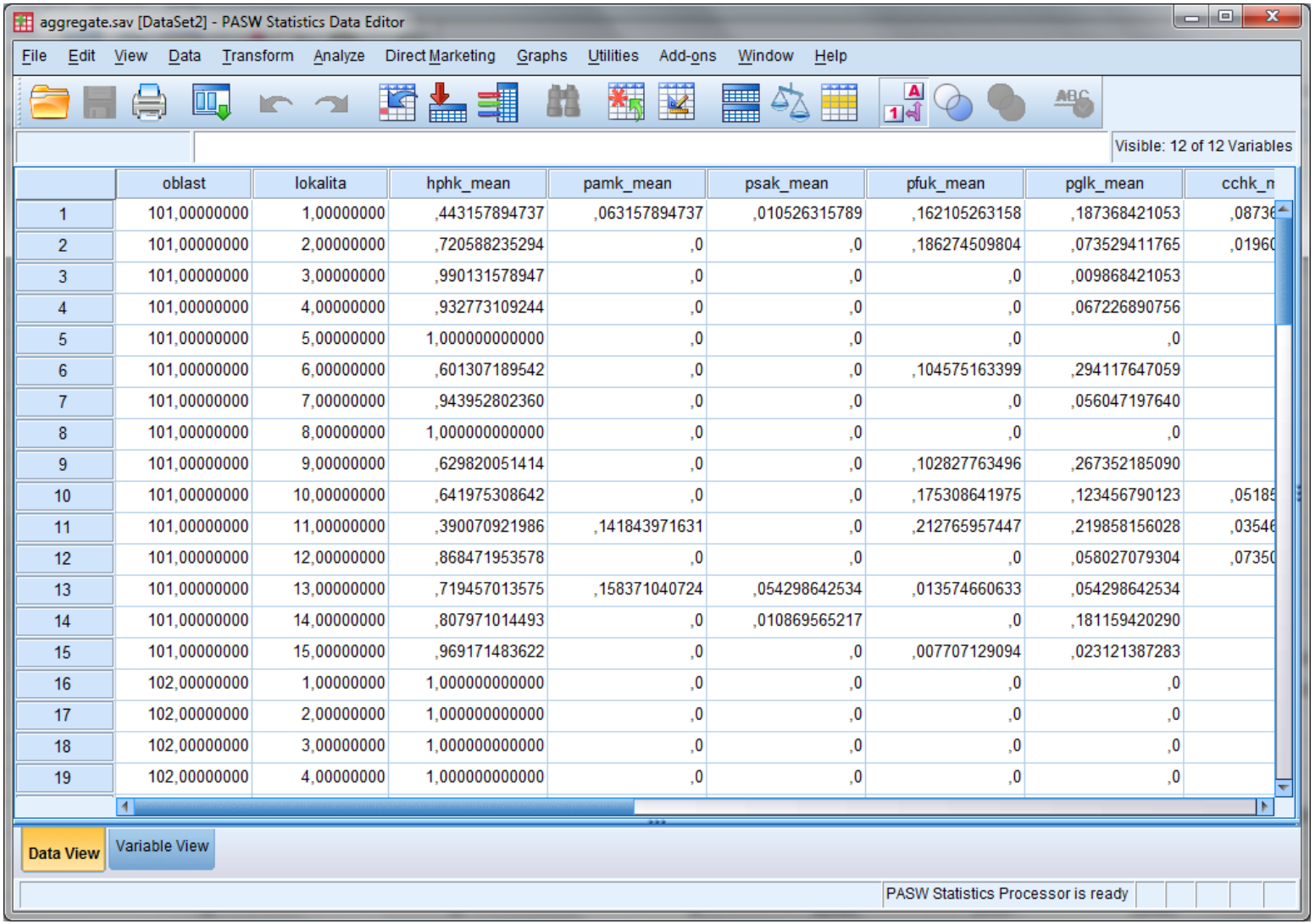
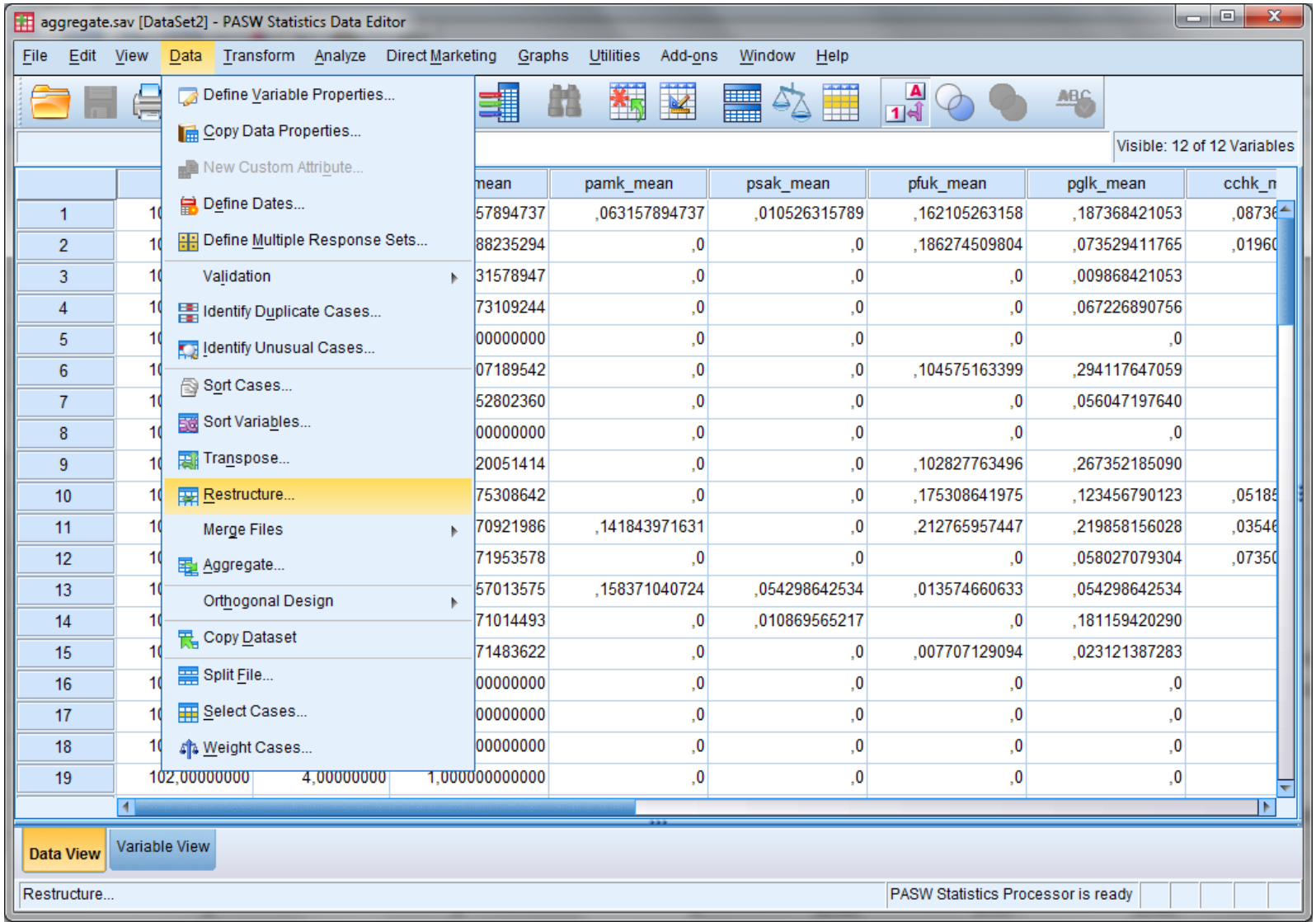
Příprava datového souboru pro vizualizaci a srovnání species abundance models

Seřazení druhů dle abundancí – import do SPSS

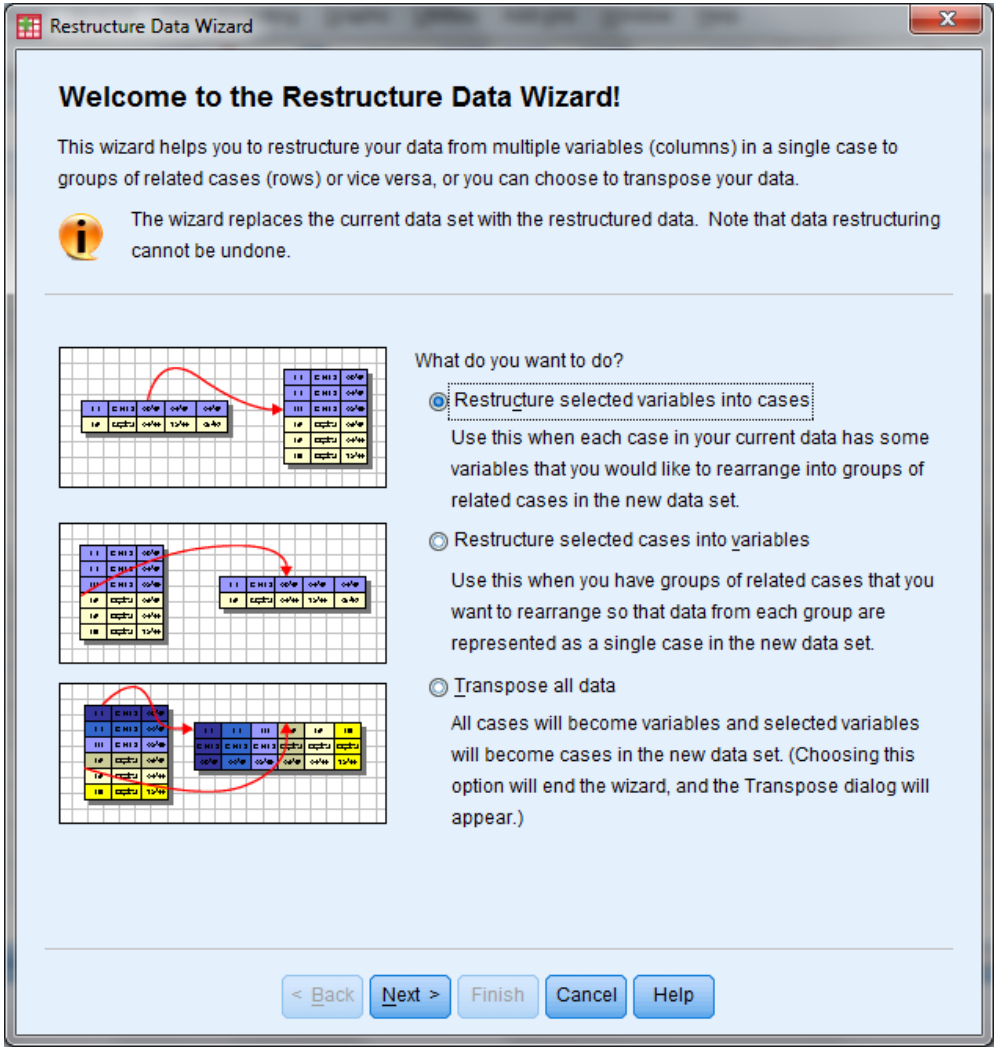


	oblast	lokalita	hphk_mean	pamk_mean	psak_mean	pfuk_mean	pglk_mean	cchk_n
1	101,00000000	1,00000000	,443157894737	,063157894737	,010526315789	,162105263158	,187368421053	,08736
2	101,00000000	2,00000000	,720588235294	,0	,0	,186274509804	,073529411765	,01960
3	101,00000000	3,00000000	,990131578947	,0	,0	,0	,009868421053	
4	101,00000000	4,00000000	,932773109244	,0	,0	,0	,067226890756	
5	101,00000000	5,00000000	1,000000000000	,0	,0	,0	,0	
6	101,00000000	6,00000000	,601307189542	,0	,0	,104575163399	,294117647059	
7	101,00000000	7,00000000	,943952802360	,0	,0	,0	,056047197640	
8	101,00000000	8,00000000	1,000000000000	,0	,0	,0	,0	
9	101,00000000	9,00000000	,629820051414	,0	,0	,102827763496	,267352185090	
10	101,00000000	10,00000000	,641975308642	,0	,0	,175308641975	,123456790123	,05185
11	101,00000000	11,00000000	,390070921986	,141843971631	,0	,212765957447	,219858156028	,03546
12	101,00000000	12,00000000	,868471953578	,0	,0	,0	,058027079304	,07350
13	101,00000000	13,00000000	,719457013575	,158371040724	,054298642534	,013574660633	,054298642534	
14	101,00000000	14,00000000	,807971014493	,0	,010869565217	,0	,181159420290	
15	101,00000000	15,00000000	,969171483622	,0	,0	,007707129094	,023121387283	
16	102,00000000	1,00000000	1,000000000000	,0	,0	,0	,0	
17	102,00000000	2,00000000	1,000000000000	,0	,0	,0	,0	
18	102,00000000	3,00000000	1,000000000000	,0	,0	,0	,0	
19	102,00000000	4,00000000	1,000000000000	,0	,0	,0	,0	

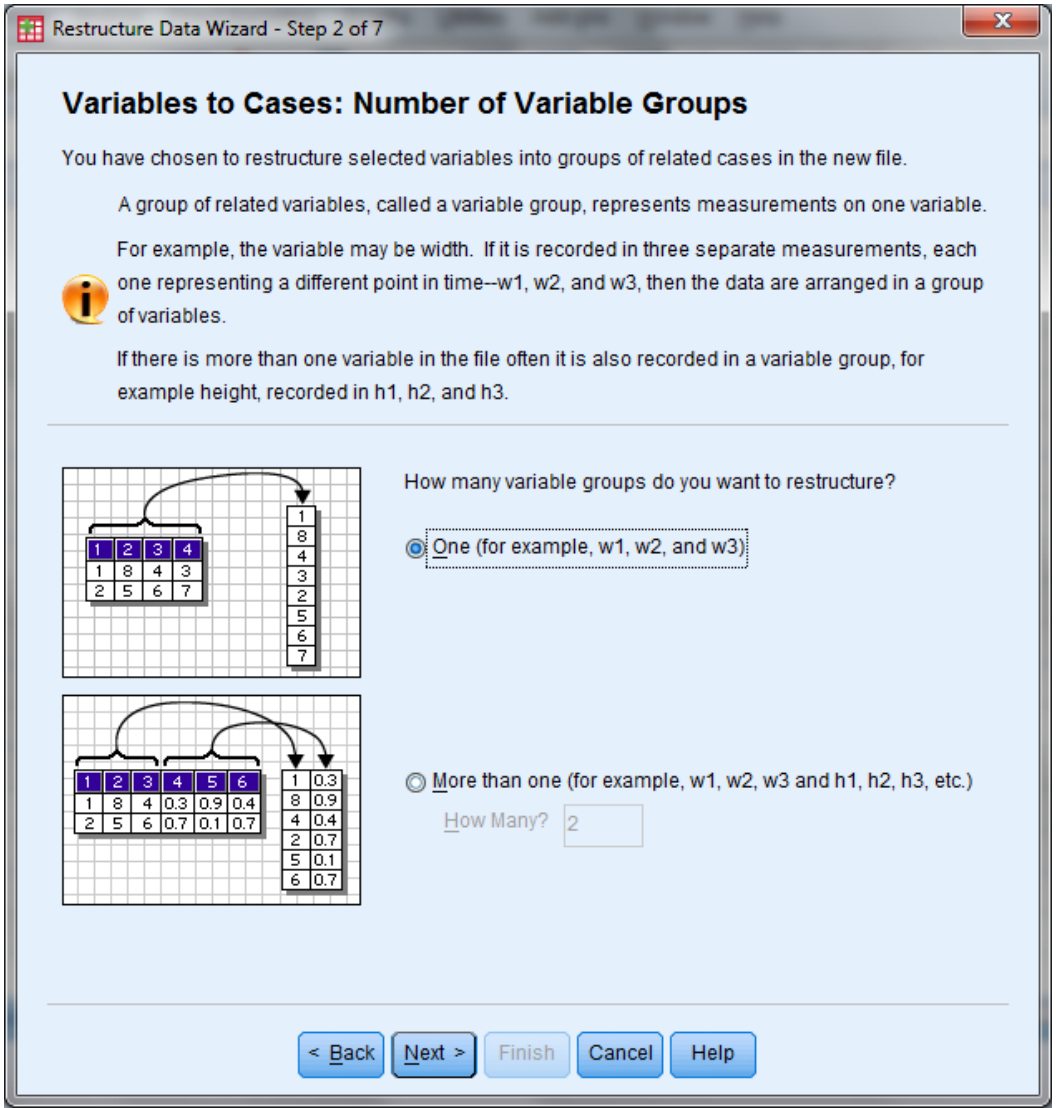
Seřazení druhů dle abundancí – restrukturalizace souboru



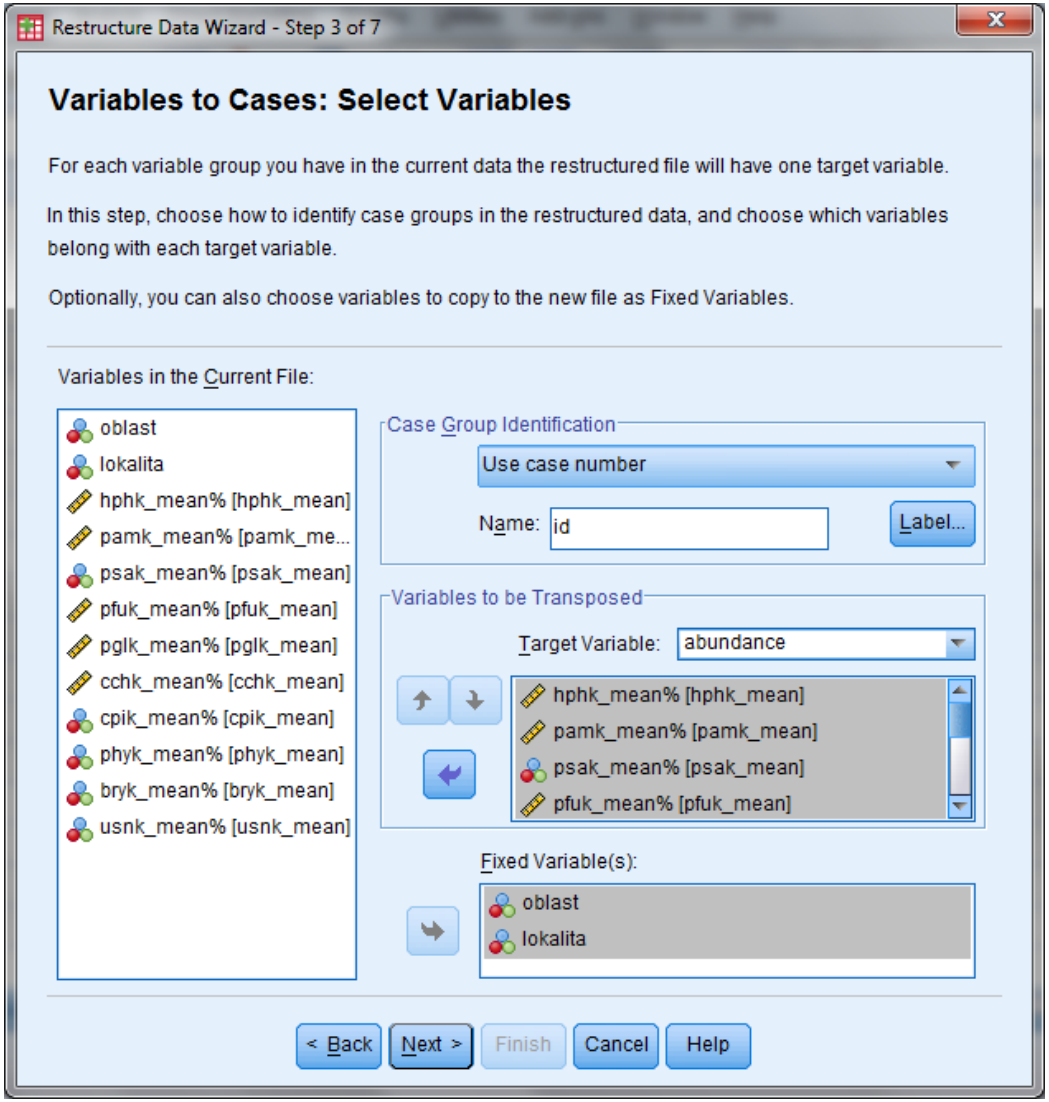
Seřazení druhů dle abundancí – restrukturalizace souboru



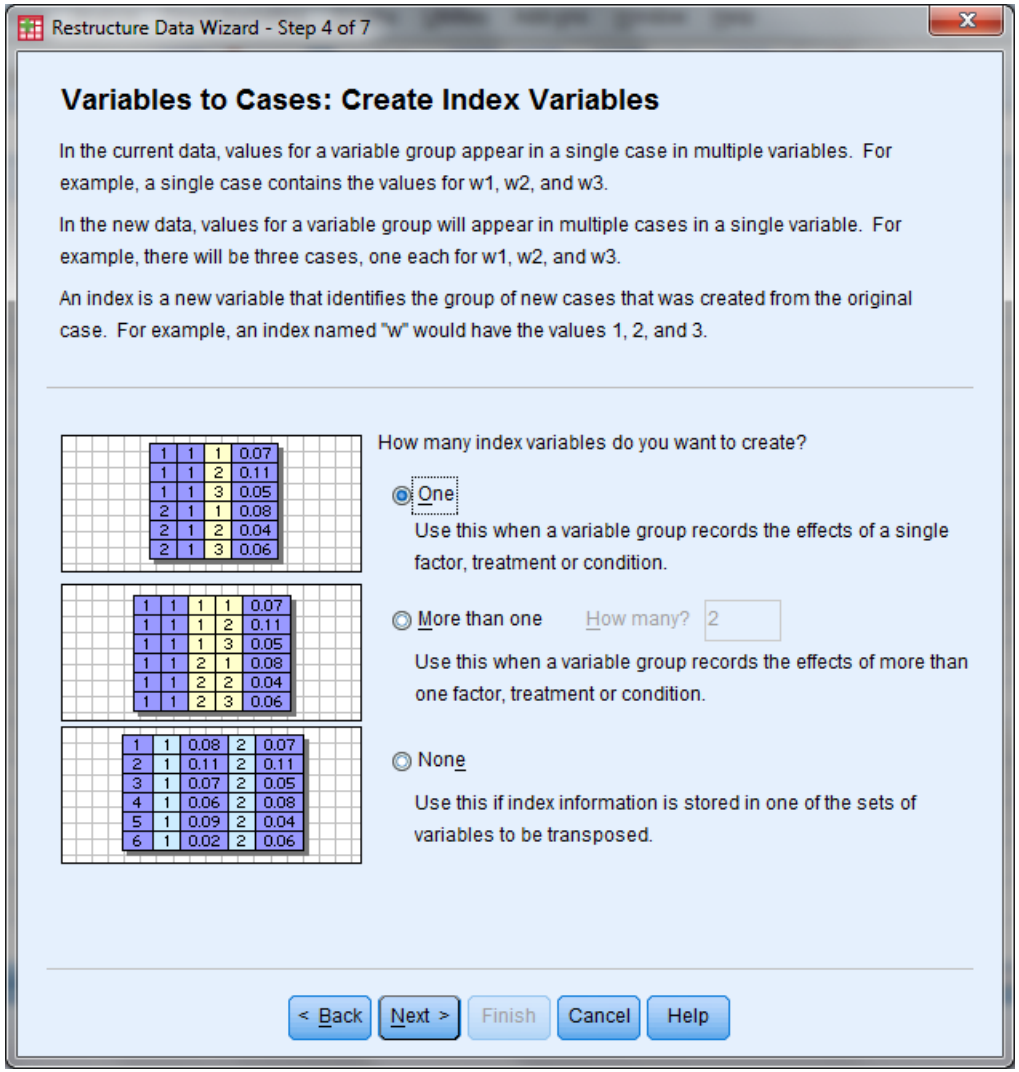
Seřazení druhů dle abundancí – restrukturalizace souboru



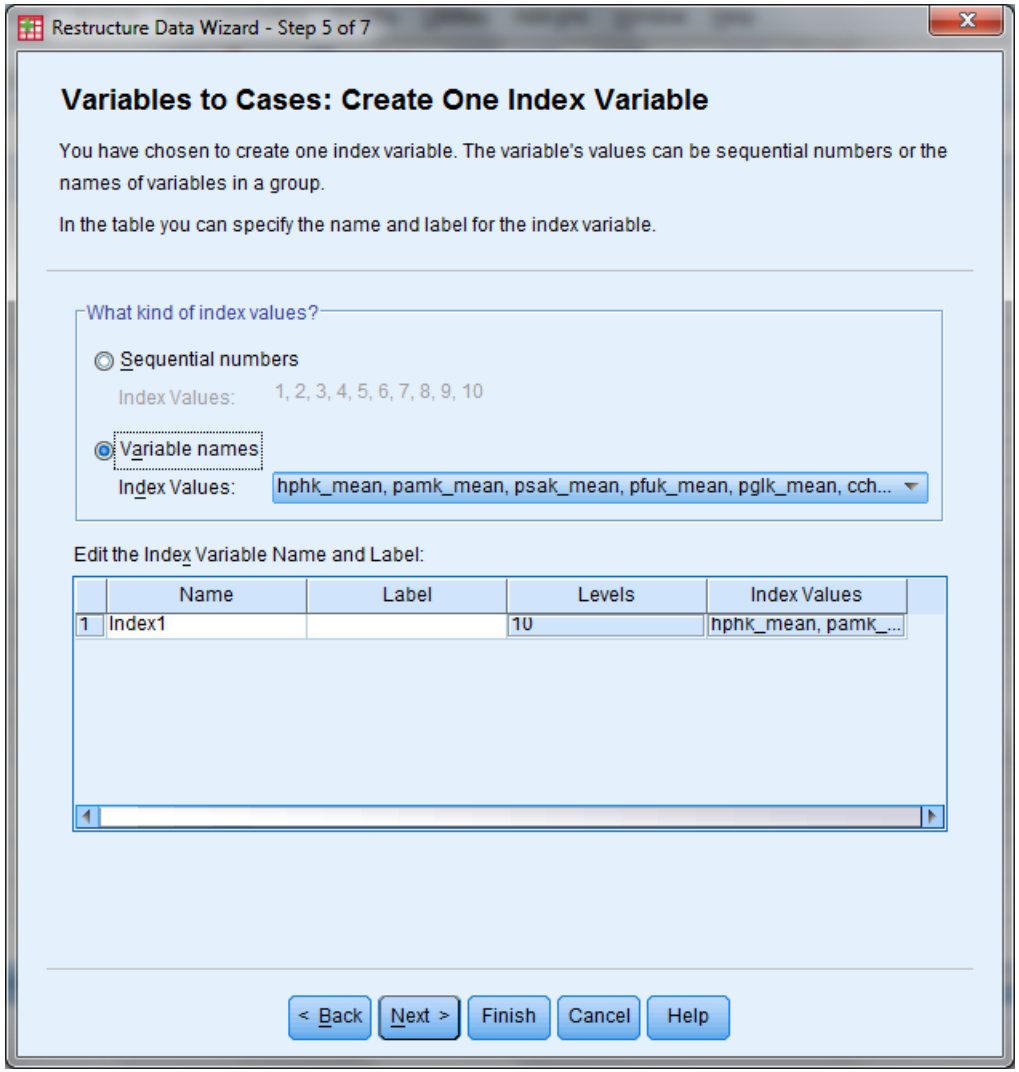
Seřazení druhů dle abundancí – restrukturalizace souboru



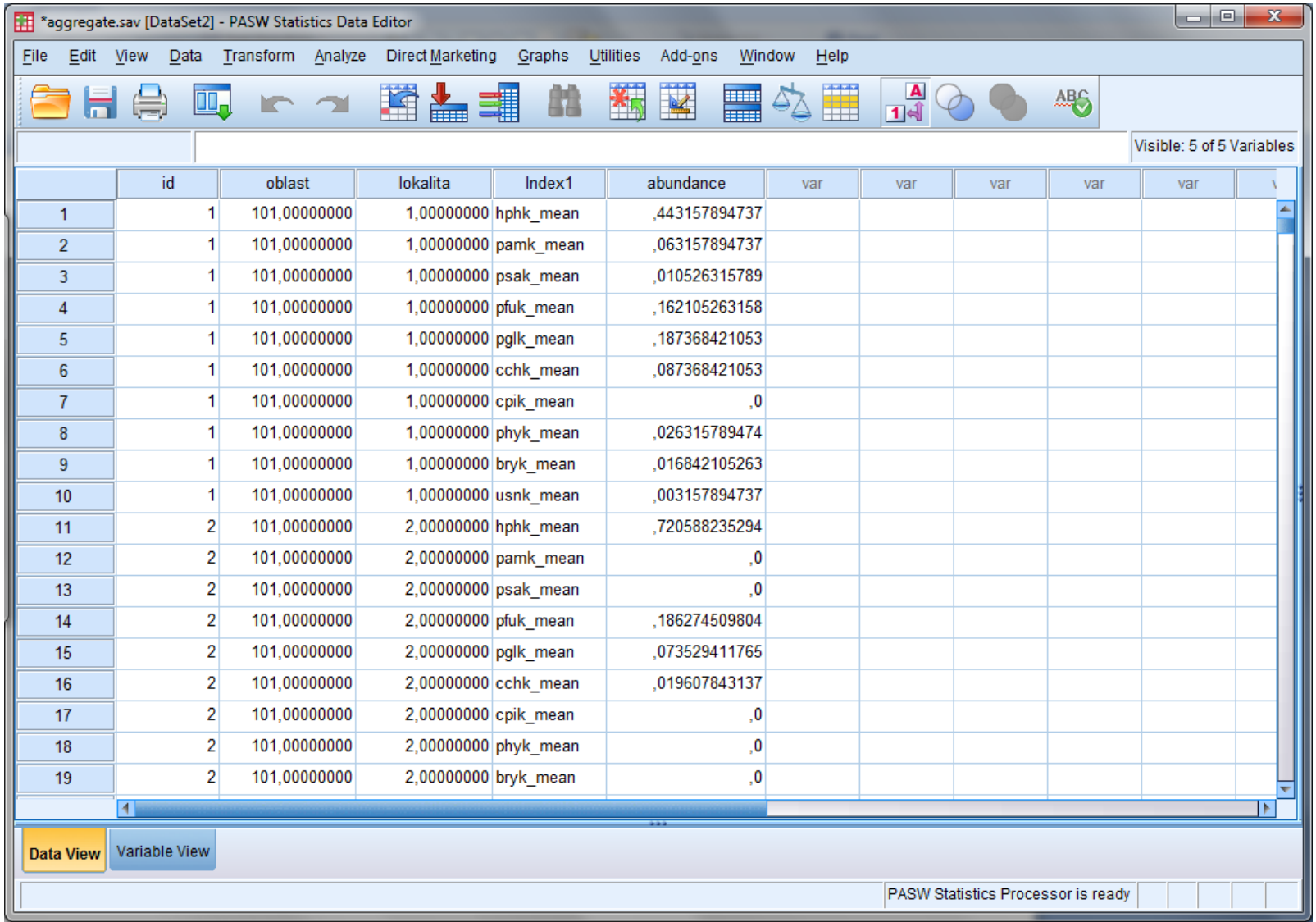
Seřazení druhů dle abundancí – restrukturalizace souboru



Seřazení druhů dle abundancí – restrukturalizace souboru

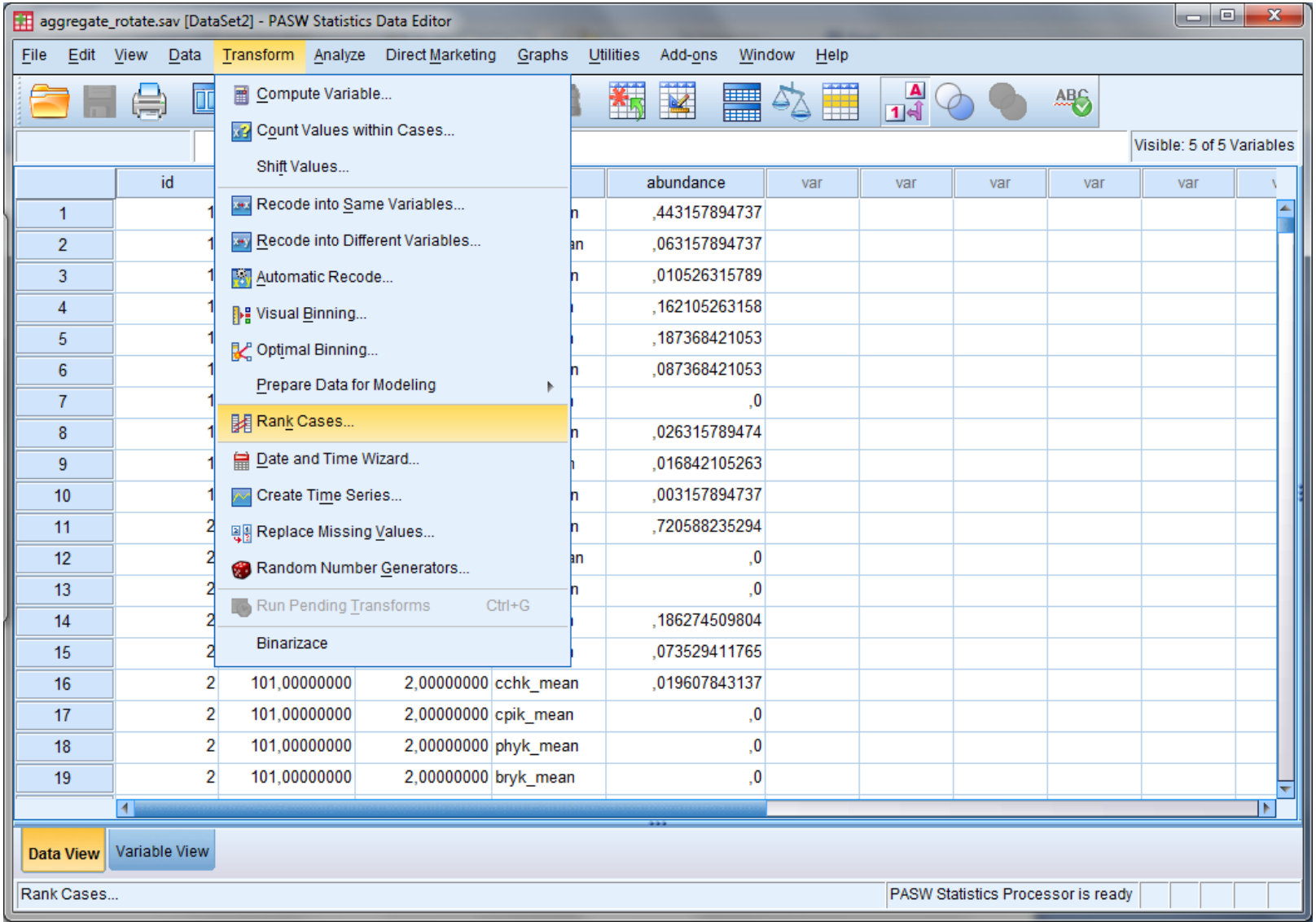


Seřazení druhů dle abundancí – restrukturalizace souboru

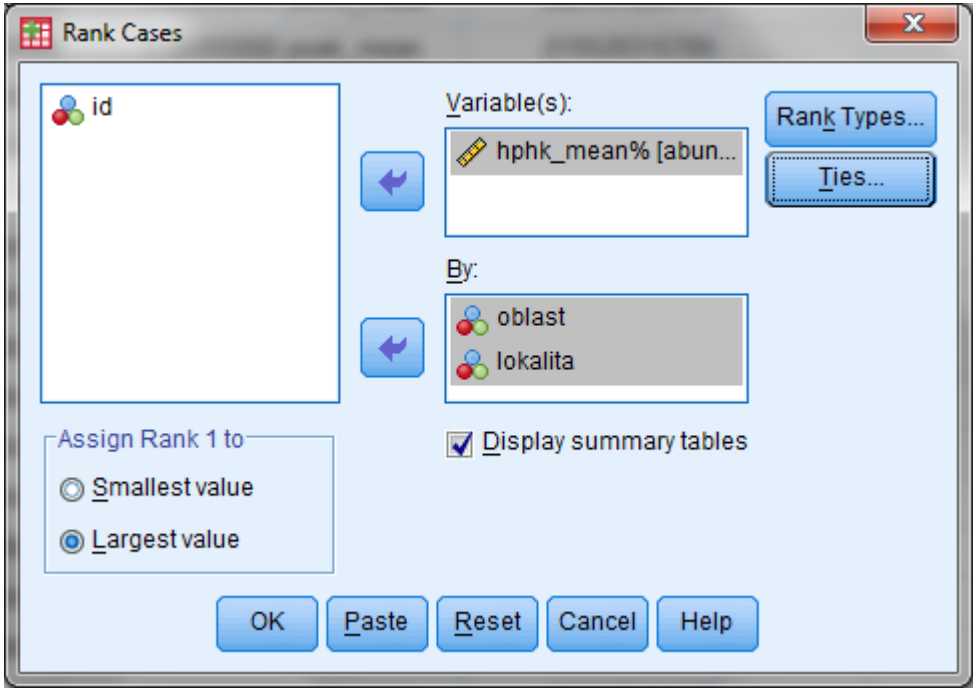


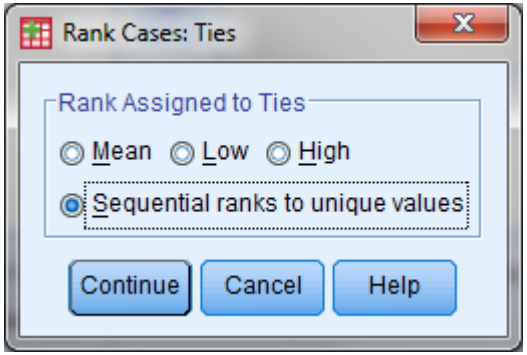
	id	oblast	lokalita	Index1	abundance	var	var	var	var	var
1	1	101,00000000	1,00000000	hphk_mean	,443157894737					
2	1	101,00000000	1,00000000	pamk_mean	,063157894737					
3	1	101,00000000	1,00000000	psak_mean	,010526315789					
4	1	101,00000000	1,00000000	pfuk_mean	,162105263158					
5	1	101,00000000	1,00000000	pglk_mean	,187368421053					
6	1	101,00000000	1,00000000	cchk_mean	,087368421053					
7	1	101,00000000	1,00000000	cpik_mean	,0					
8	1	101,00000000	1,00000000	phyk_mean	,026315789474					
9	1	101,00000000	1,00000000	bryk_mean	,016842105263					
10	1	101,00000000	1,00000000	usnk_mean	,003157894737					
11	2	101,00000000	2,00000000	hphk_mean	,720588235294					
12	2	101,00000000	2,00000000	pamk_mean	,0					
13	2	101,00000000	2,00000000	psak_mean	,0					
14	2	101,00000000	2,00000000	pfuk_mean	,186274509804					
15	2	101,00000000	2,00000000	pglk_mean	,073529411765					
16	2	101,00000000	2,00000000	cchk_mean	,019607843137					
17	2	101,00000000	2,00000000	cpik_mean	,0					
18	2	101,00000000	2,00000000	phyk_mean	,0					
19	2	101,00000000	2,00000000	bryk_mean	,0					

Seřazení druhů dle abundancí – popis pořadí taxonů

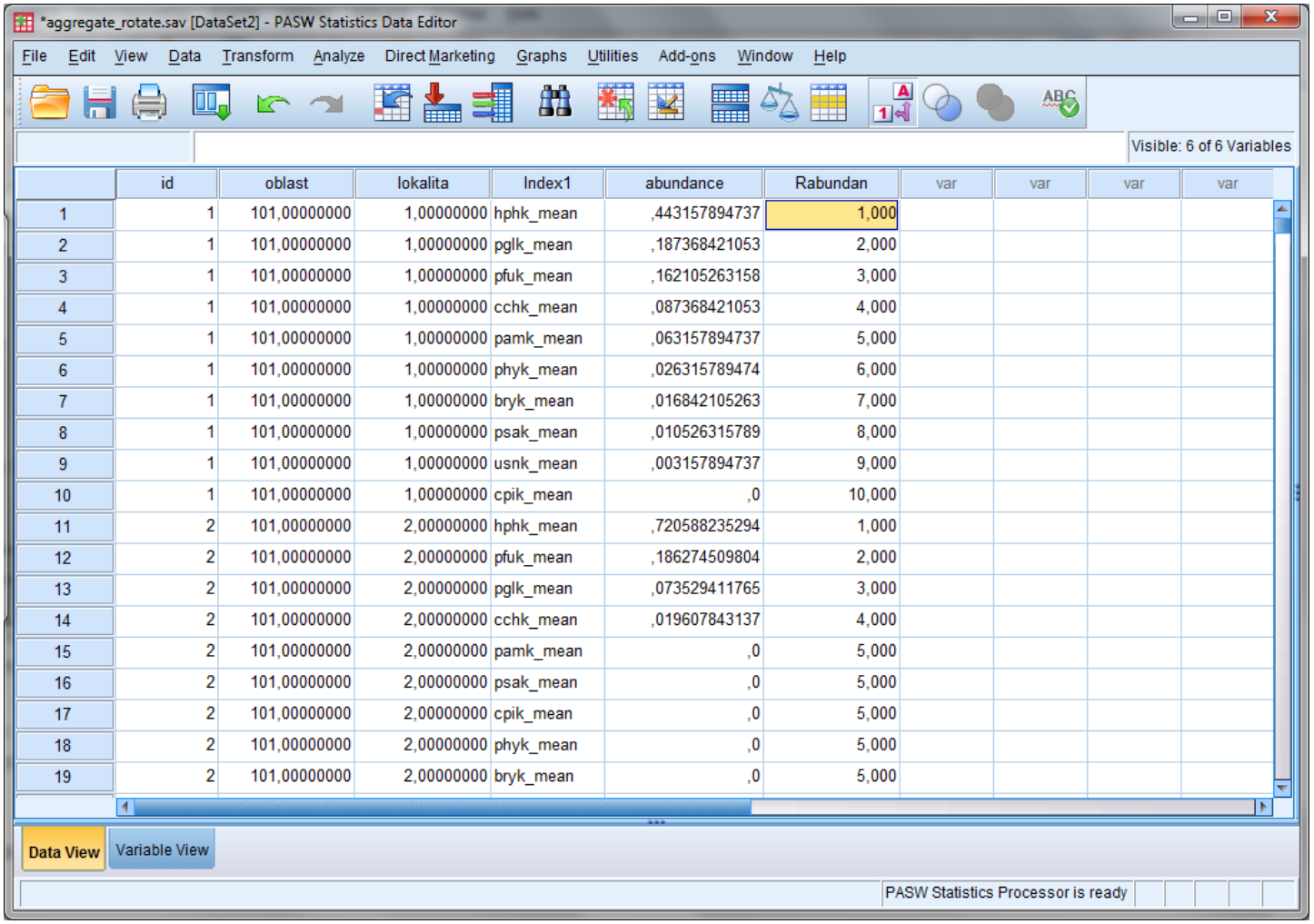


Seřazení druhů dle abundancí – popis pořadí taxonů



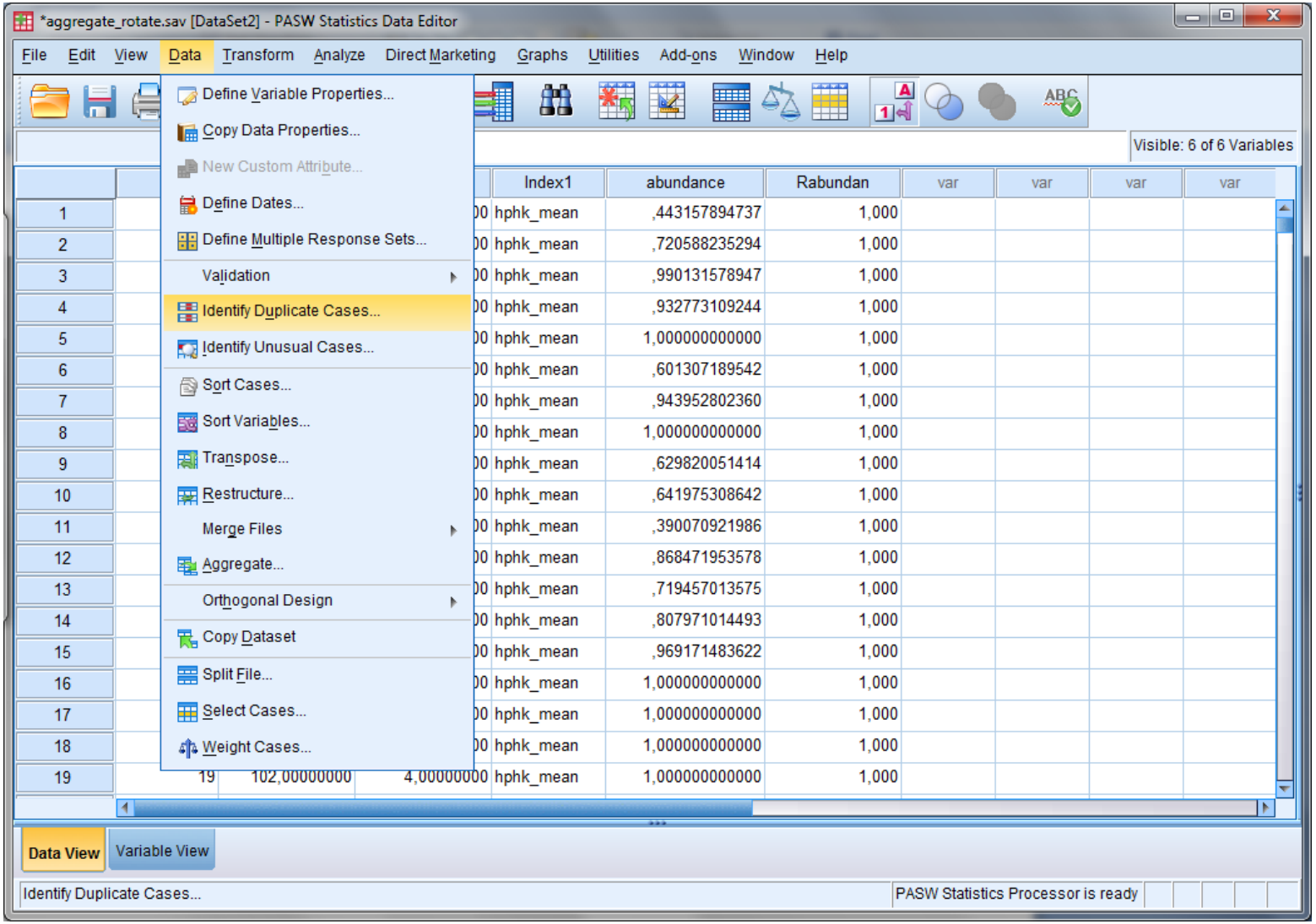


Seřazení druhů dle abundancí – popis pořadí taxonů

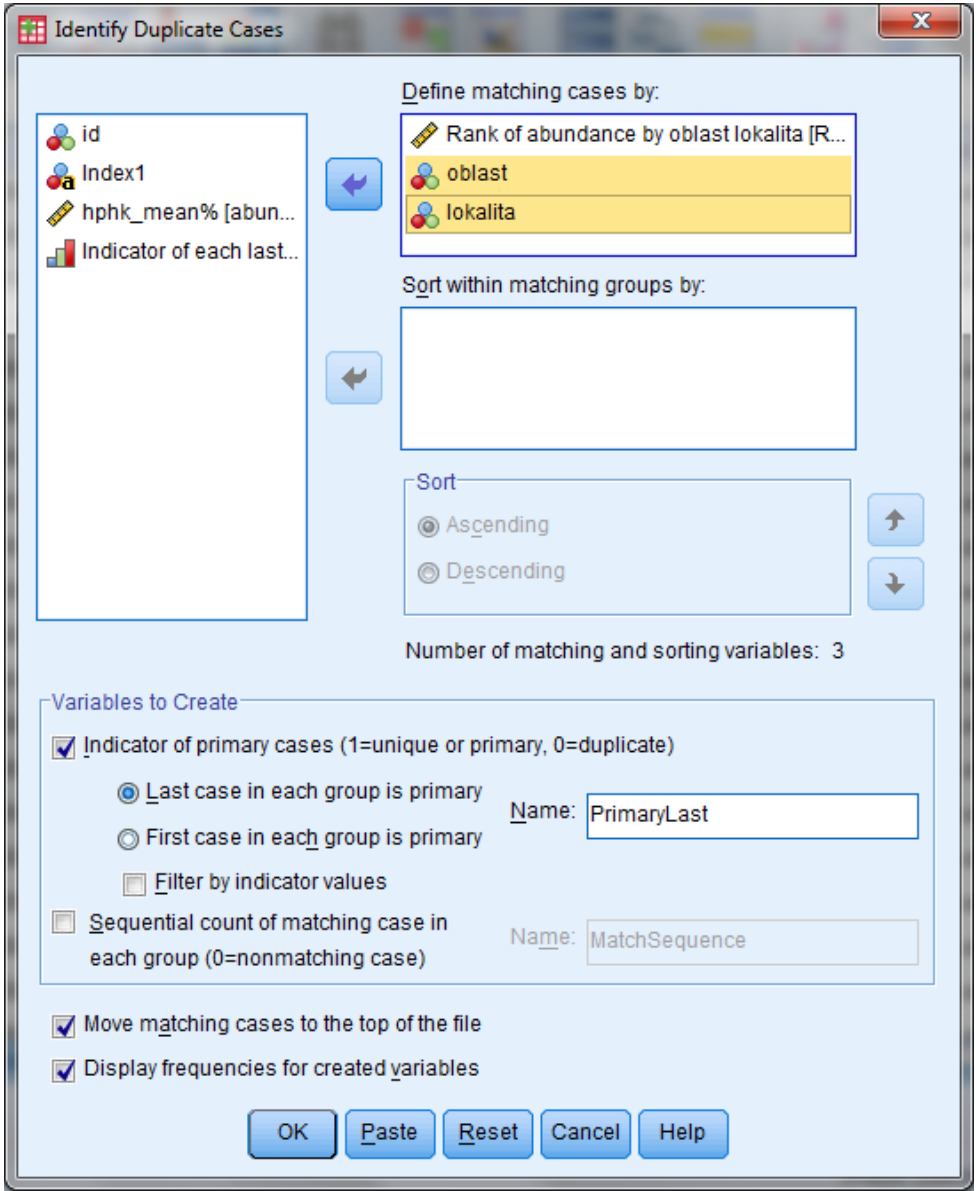


	id	oblast	lokalita	Index1	abundance	Rabundan	var	var	var	var
1	1	101,00000000	1,00000000	hphk_mean	,443157894737	1,000				
2	1	101,00000000	1,00000000	pglk_mean	,187368421053	2,000				
3	1	101,00000000	1,00000000	pfuk_mean	,162105263158	3,000				
4	1	101,00000000	1,00000000	cchk_mean	,087368421053	4,000				
5	1	101,00000000	1,00000000	pamk_mean	,063157894737	5,000				
6	1	101,00000000	1,00000000	phyk_mean	,026315789474	6,000				
7	1	101,00000000	1,00000000	bryk_mean	,016842105263	7,000				
8	1	101,00000000	1,00000000	psak_mean	,010526315789	8,000				
9	1	101,00000000	1,00000000	usnk_mean	,003157894737	9,000				
10	1	101,00000000	1,00000000	cpik_mean	,0	10,000				
11	2	101,00000000	2,00000000	hphk_mean	,720588235294	1,000				
12	2	101,00000000	2,00000000	pfuk_mean	,186274509804	2,000				
13	2	101,00000000	2,00000000	pglk_mean	,073529411765	3,000				
14	2	101,00000000	2,00000000	cchk_mean	,019607843137	4,000				
15	2	101,00000000	2,00000000	pamk_mean	,0	5,000				
16	2	101,00000000	2,00000000	psak_mean	,0	5,000				
17	2	101,00000000	2,00000000	cpik_mean	,0	5,000				
18	2	101,00000000	2,00000000	phyk_mean	,0	5,000				
19	2	101,00000000	2,00000000	bryk_mean	,0	5,000				

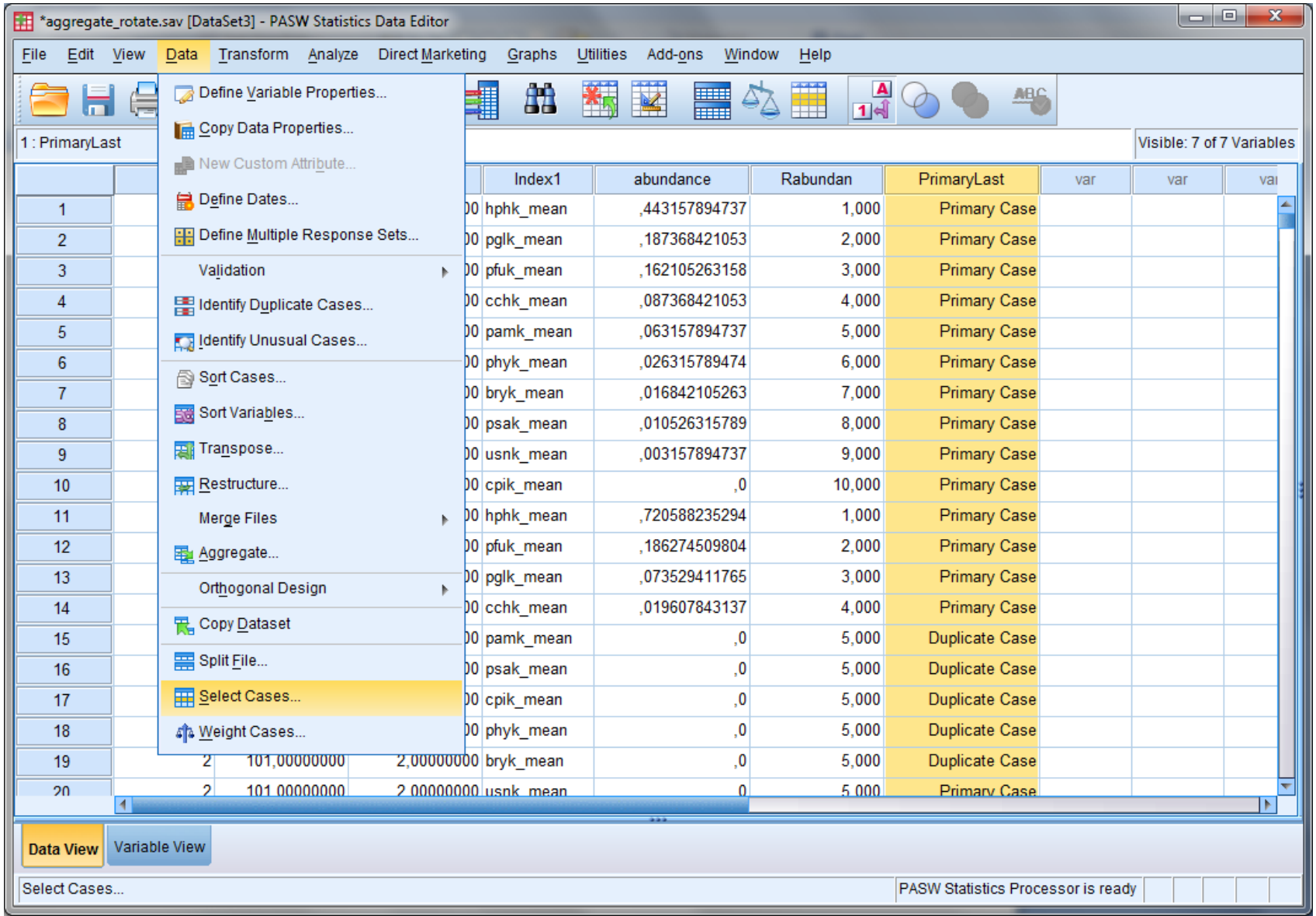
Odstranění duplicitních pořadí taxonů



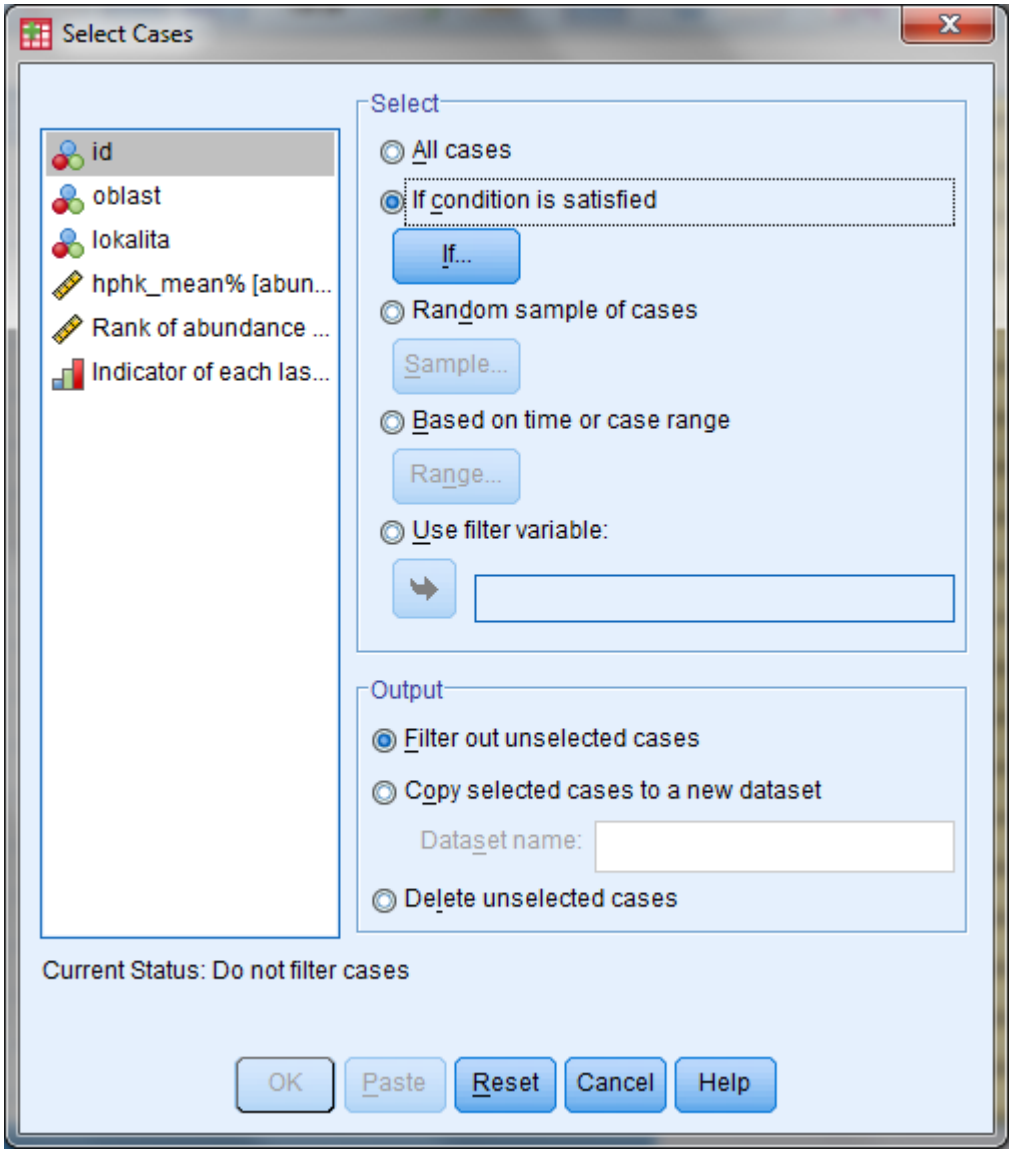
Odstranění duplicitních pořadí taxonů



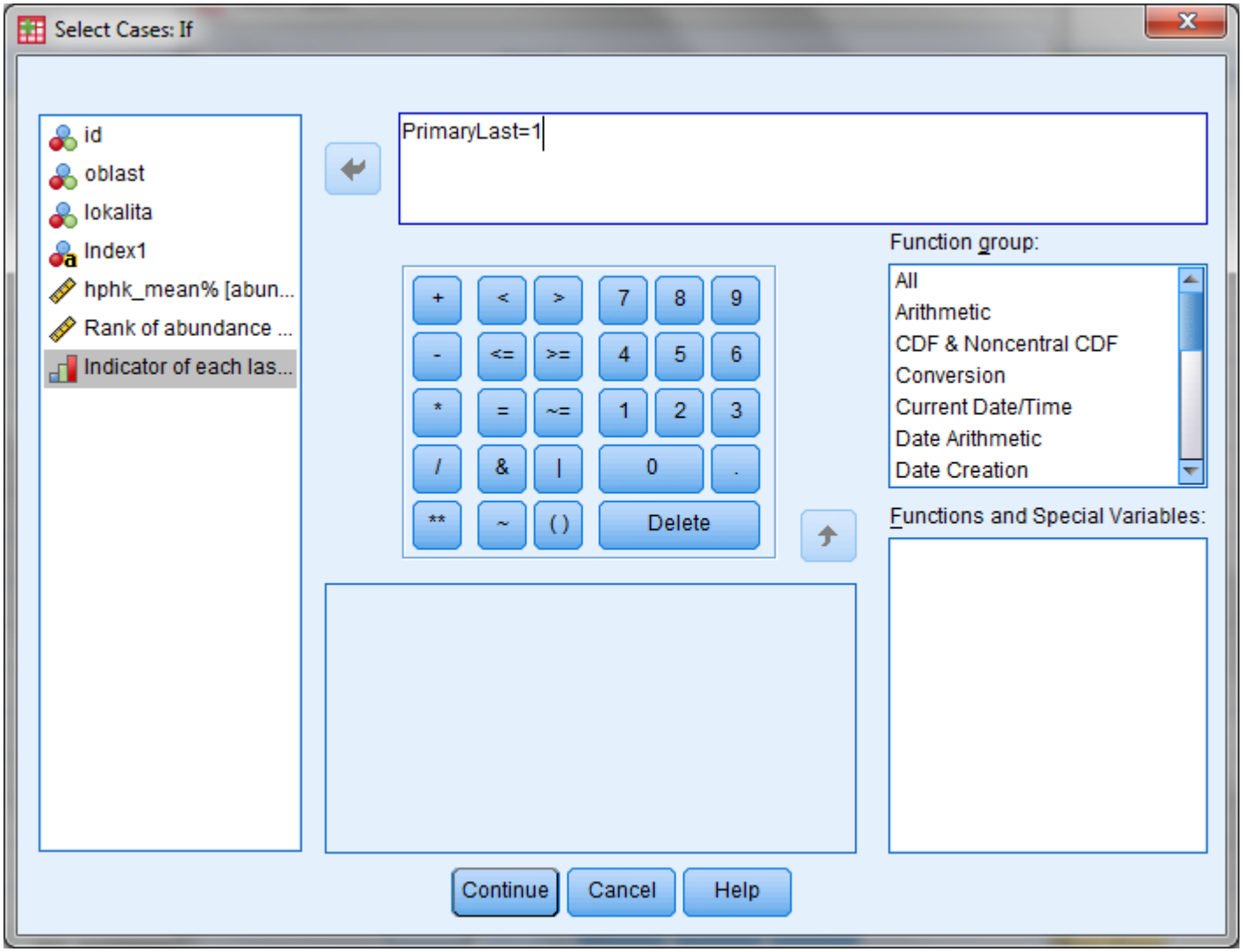
Odstranění duplicitních pořadí taxonů



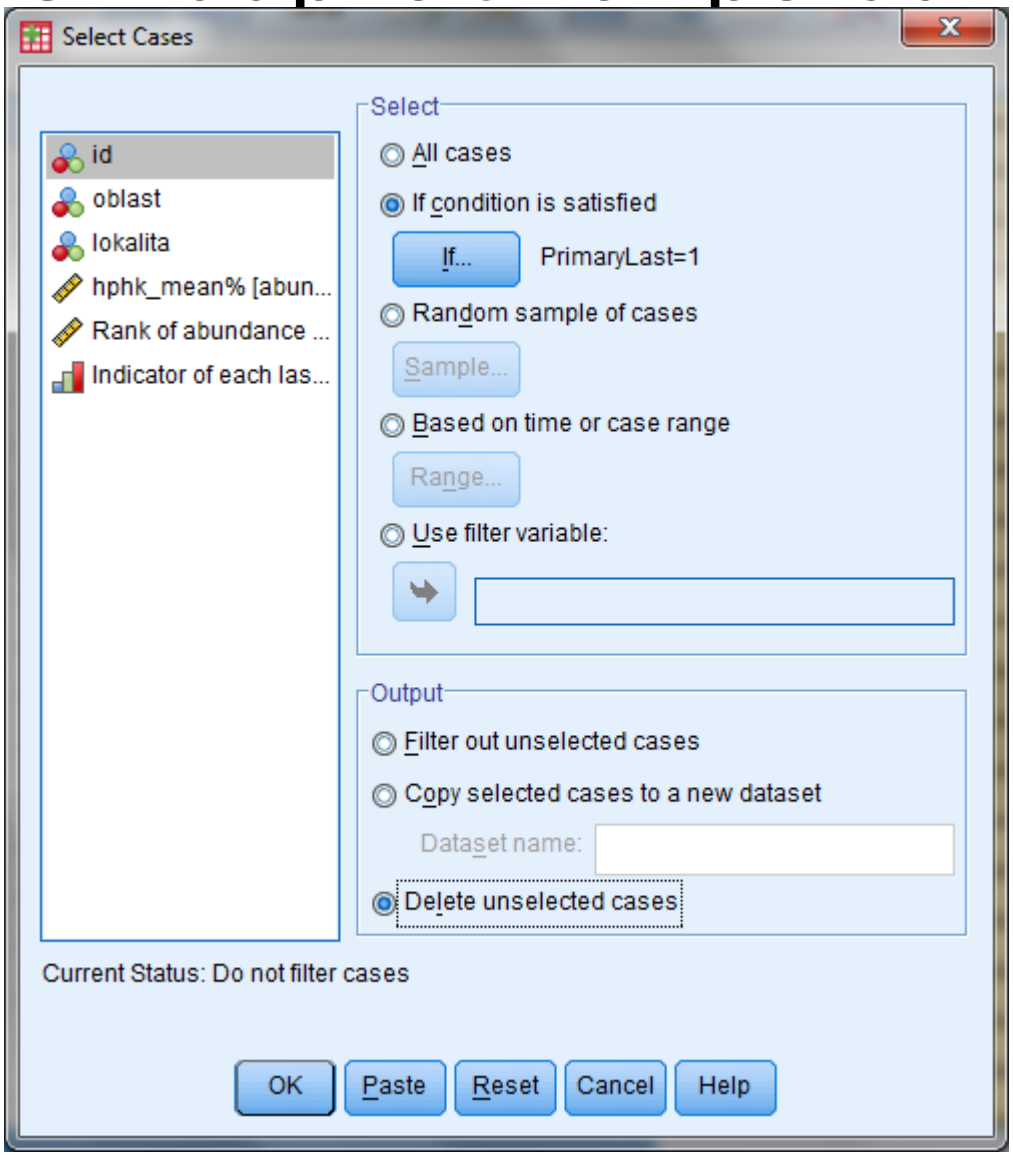
Odstranění duplicitních pořadí taxonů



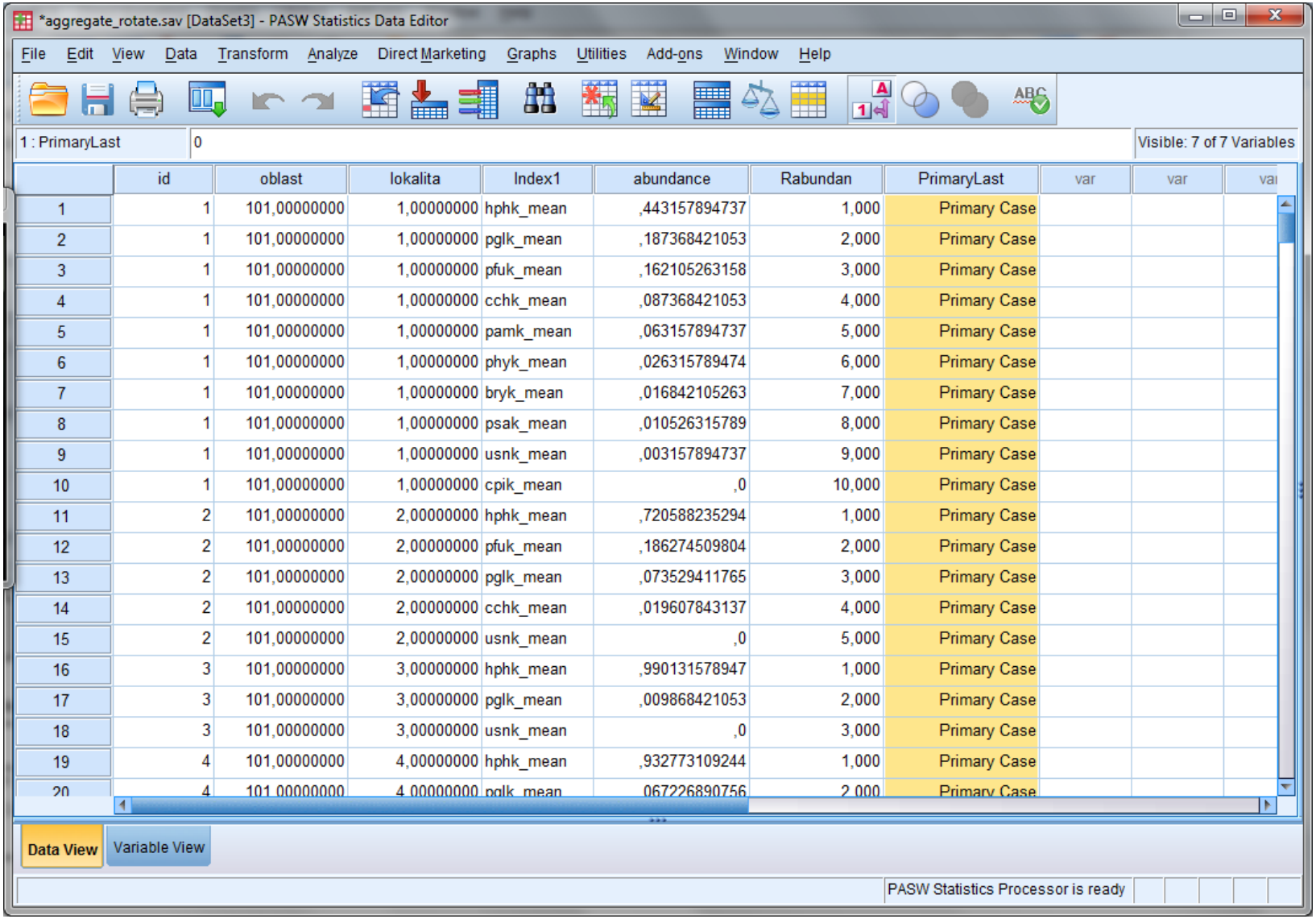
Odstranění duplicitních pořadí taxonů



Odstranění duplicitních pořadí taxonů

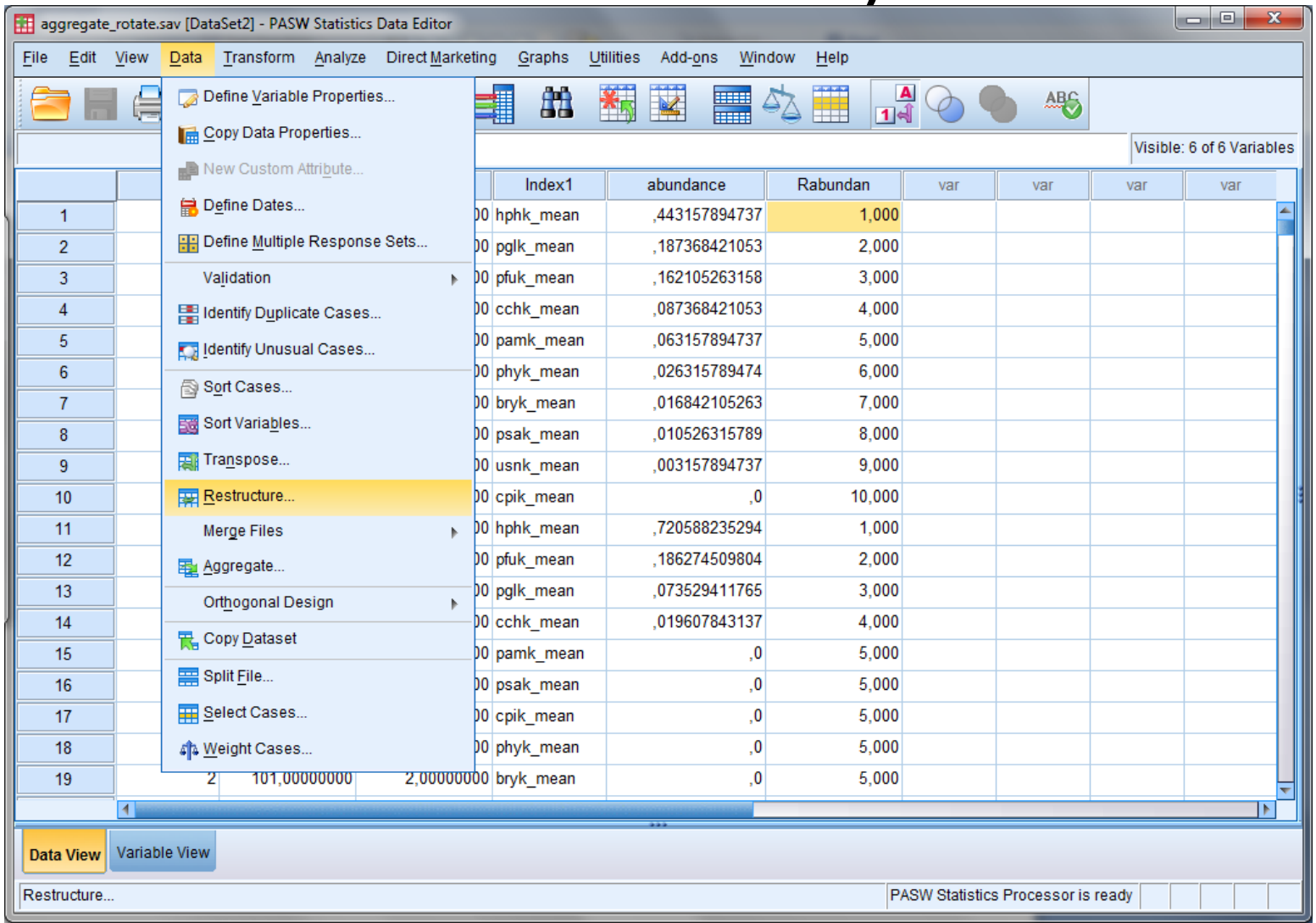


Odstranění duplicitních pořadí taxonů

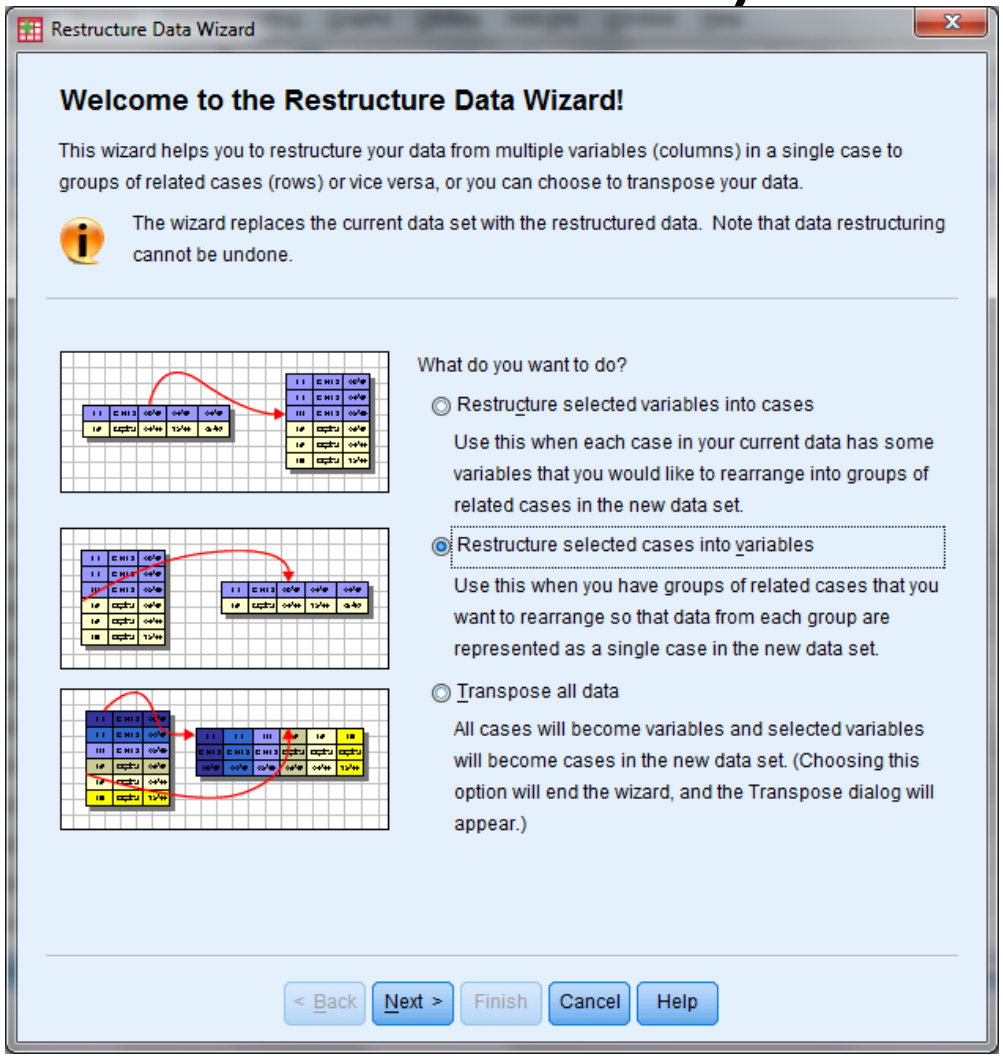


	id	oblast	lokalita	Index1	abundance	Rabundan	PrimaryLast	var	var	var
1	1	101,00000000	1,00000000	hphk_mean	,443157894737	1,000	Primary Case			
2	1	101,00000000	1,00000000	pglk_mean	,187368421053	2,000	Primary Case			
3	1	101,00000000	1,00000000	pfuk_mean	,162105263158	3,000	Primary Case			
4	1	101,00000000	1,00000000	cchk_mean	,087368421053	4,000	Primary Case			
5	1	101,00000000	1,00000000	pamk_mean	,063157894737	5,000	Primary Case			
6	1	101,00000000	1,00000000	phyk_mean	,026315789474	6,000	Primary Case			
7	1	101,00000000	1,00000000	bryk_mean	,016842105263	7,000	Primary Case			
8	1	101,00000000	1,00000000	psak_mean	,010526315789	8,000	Primary Case			
9	1	101,00000000	1,00000000	usnk_mean	,003157894737	9,000	Primary Case			
10	1	101,00000000	1,00000000	cpik_mean	,0	10,000	Primary Case			
11	2	101,00000000	2,00000000	hphk_mean	,720588235294	1,000	Primary Case			
12	2	101,00000000	2,00000000	pfuk_mean	,186274509804	2,000	Primary Case			
13	2	101,00000000	2,00000000	pglk_mean	,073529411765	3,000	Primary Case			
14	2	101,00000000	2,00000000	cchk_mean	,019607843137	4,000	Primary Case			
15	2	101,00000000	2,00000000	usnk_mean	,0	5,000	Primary Case			
16	3	101,00000000	3,00000000	hphk_mean	,990131578947	1,000	Primary Case			
17	3	101,00000000	3,00000000	pglk_mean	,009868421053	2,000	Primary Case			
18	3	101,00000000	3,00000000	usnk_mean	,0	3,000	Primary Case			
19	4	101,00000000	4,00000000	hphk_mean	,932773109244	1,000	Primary Case			
20	4	101,00000000	4,00000000	pglk_mean	,067226890756	2,000	Primary Case			

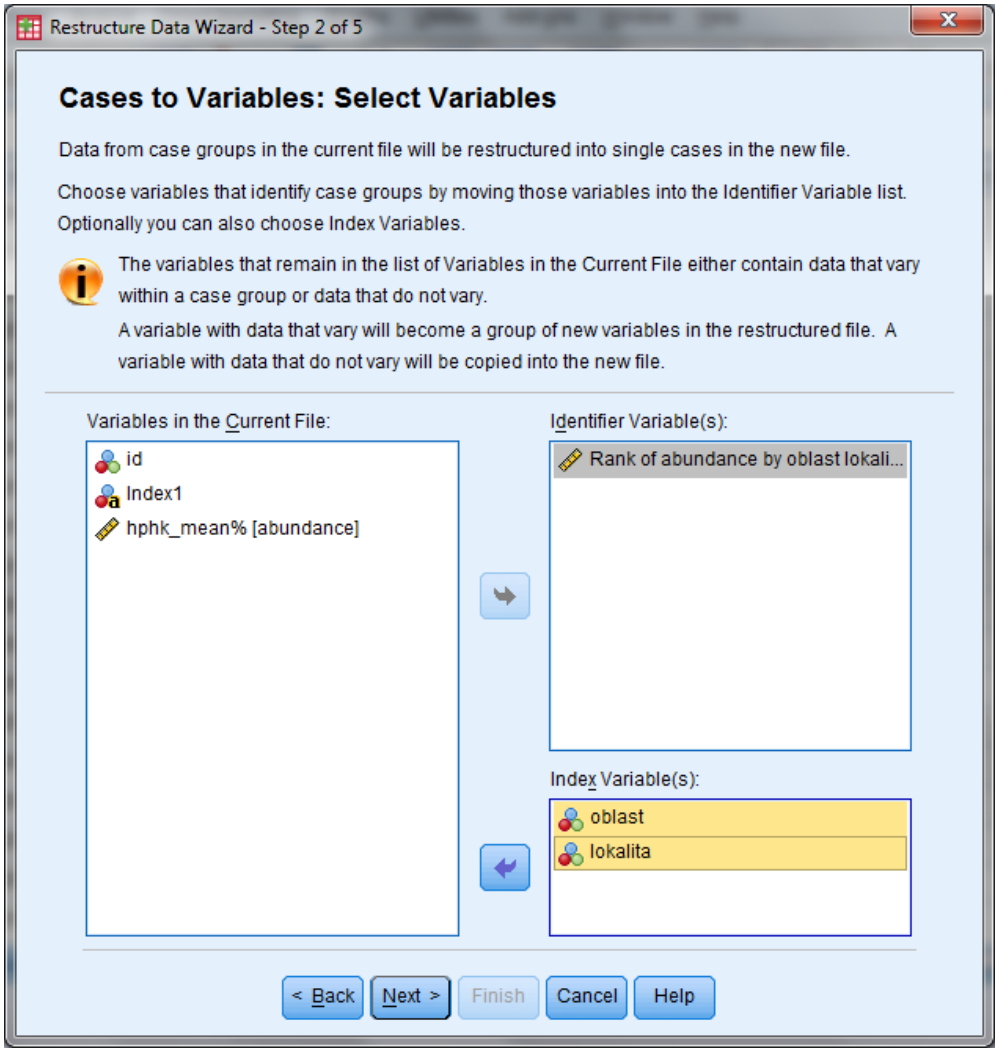
Seřazení druhů dle abundancí – rotace druhů do sloupců (seřazených dle abundance)



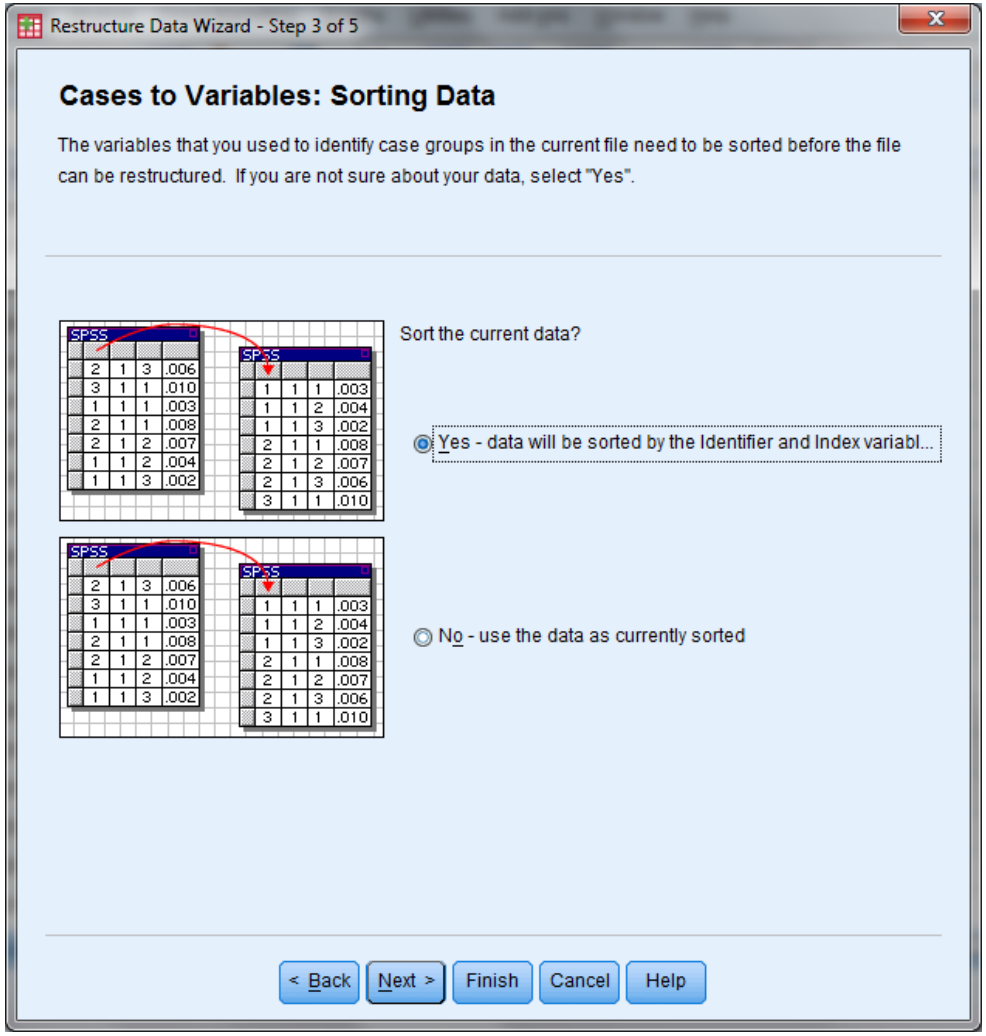
Seřazení druhů dle abundancí – rotace druhů do sloupců (seřazených dle abundance)



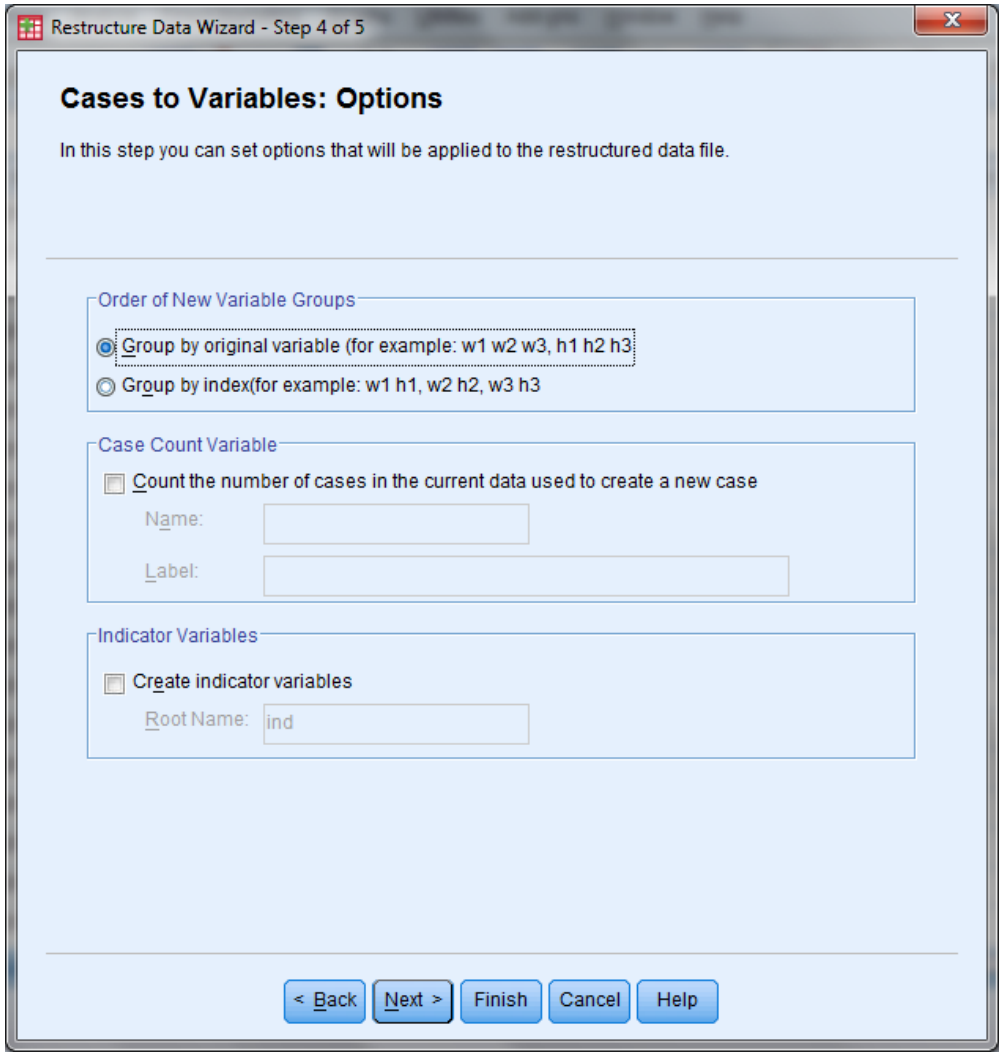
Seřazení druhů dle abundancí – rotace druhů do sloupců (seřazených dle abundance)



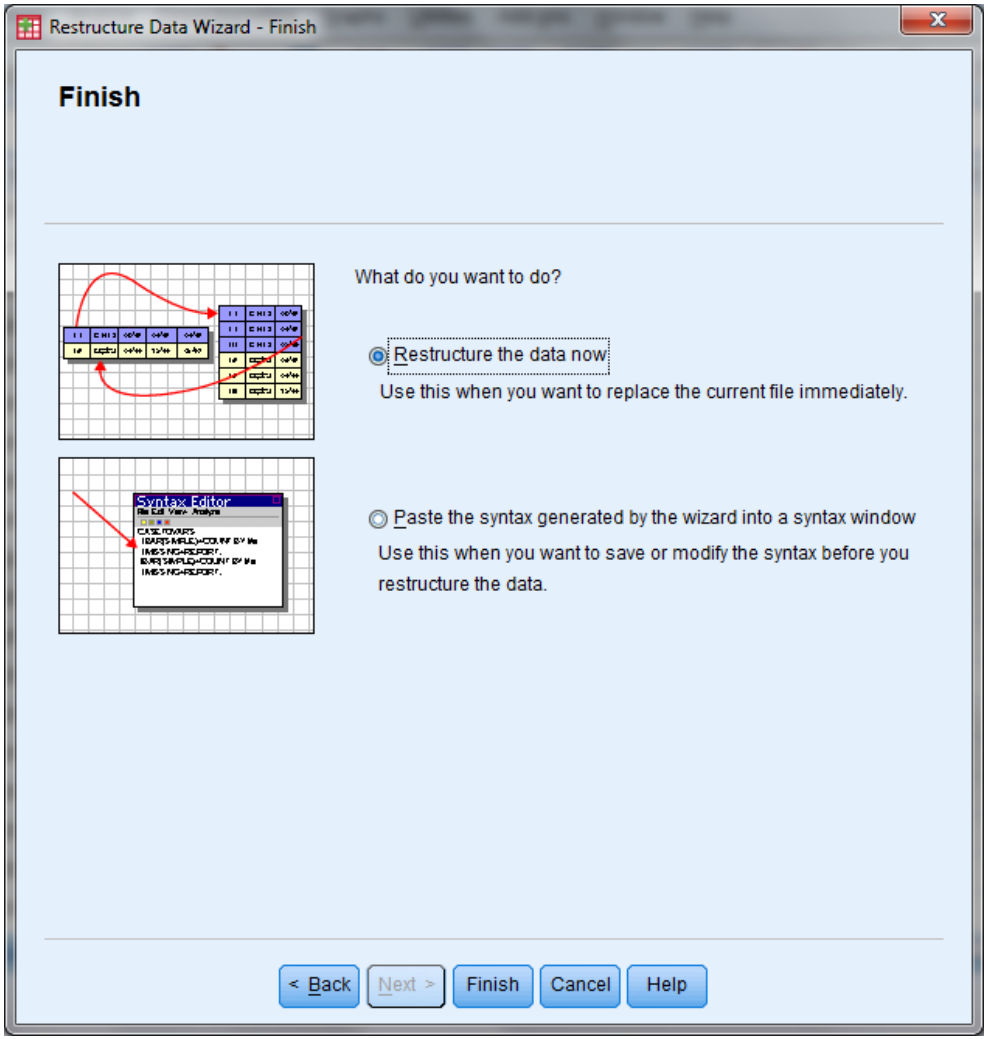
Seřazení druhů dle abundancí – rotace druhů do sloupců (seřazených dle abundance)



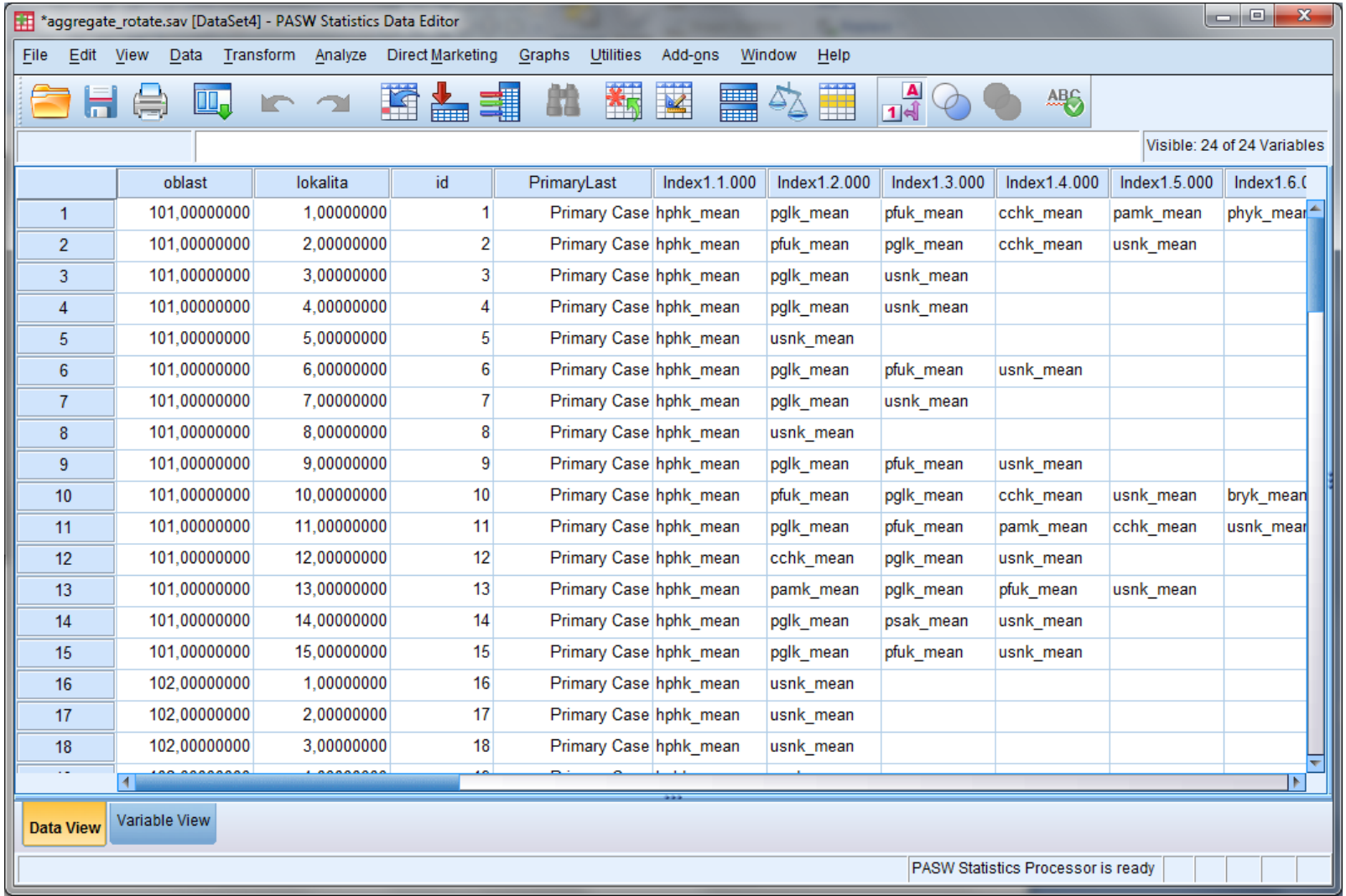
Seřazení druhů dle abundancí – rotace druhů do sloupců (seřazených dle abundance)



Seřazení druhů dle abundancí – rotace druhů do sloupců (seřazených dle abundance)



Seřazení druhů dle abundancí – rotace druhů do sloupců (seřazených dle abundance)



*aggregate_rotate.sav [DataSet4] - PASW Statistics Data Editor

File Edit View Data Transform Analyze Direct Marketing Graphs Utilities Add-ons Window Help

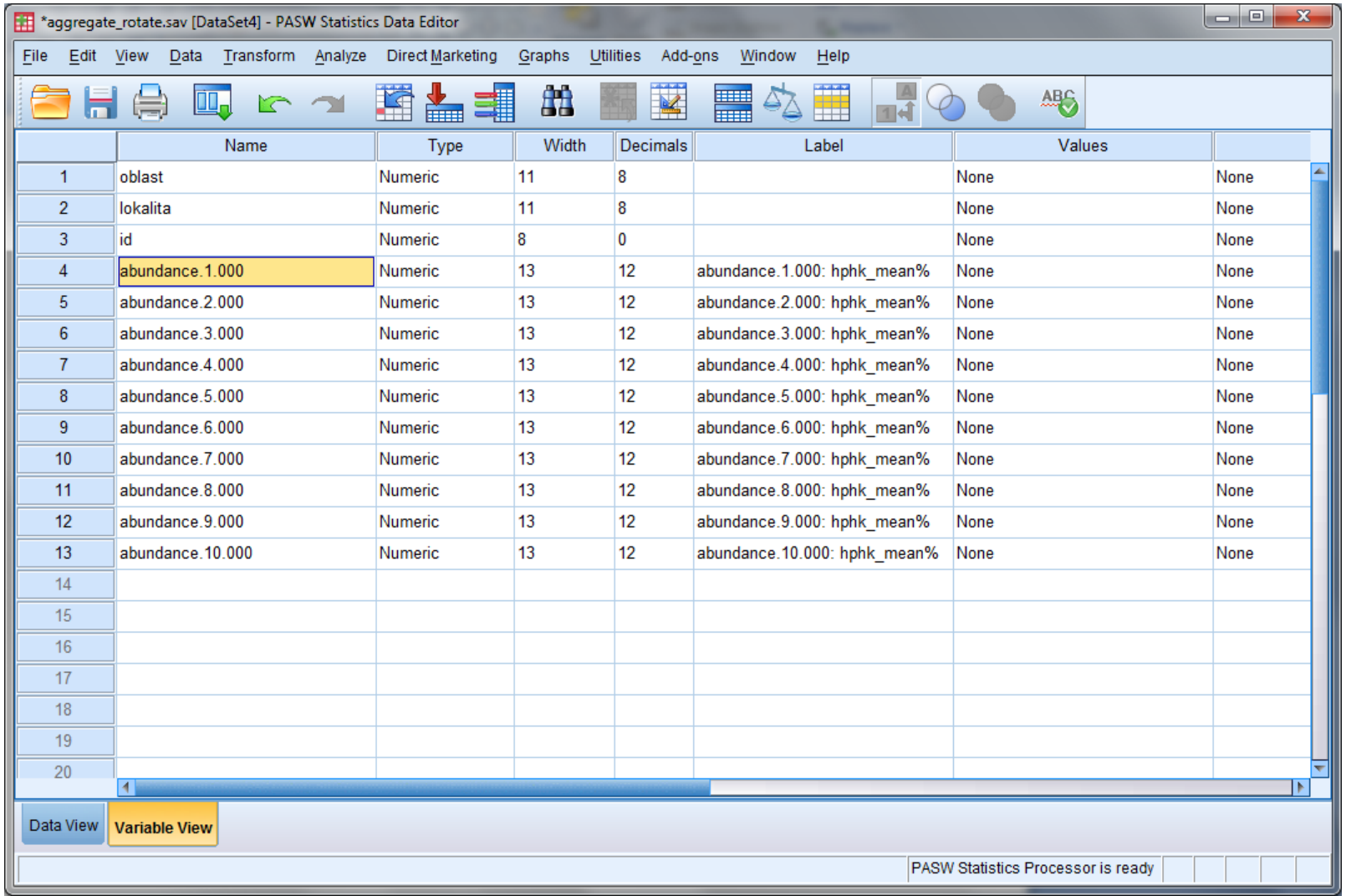
Visible: 24 of 24 Variables

	oblast	lokalita	id	PrimaryLast	Index1.1.000	Index1.2.000	Index1.3.000	Index1.4.000	Index1.5.000	Index1.6.(
1	101,00000000	1,00000000	1	Primary Case	hphk_mean	pglk_mean	pfuk_mean	cchk_mean	pamk_mean	phyk_mean
2	101,00000000	2,00000000	2	Primary Case	hphk_mean	pfuk_mean	pglk_mean	cchk_mean	usnk_mean	
3	101,00000000	3,00000000	3	Primary Case	hphk_mean	pglk_mean	usnk_mean			
4	101,00000000	4,00000000	4	Primary Case	hphk_mean	pglk_mean	usnk_mean			
5	101,00000000	5,00000000	5	Primary Case	hphk_mean	usnk_mean				
6	101,00000000	6,00000000	6	Primary Case	hphk_mean	pglk_mean	pfuk_mean	usnk_mean		
7	101,00000000	7,00000000	7	Primary Case	hphk_mean	pglk_mean	usnk_mean			
8	101,00000000	8,00000000	8	Primary Case	hphk_mean	usnk_mean				
9	101,00000000	9,00000000	9	Primary Case	hphk_mean	pglk_mean	pfuk_mean	usnk_mean		
10	101,00000000	10,00000000	10	Primary Case	hphk_mean	pfuk_mean	pglk_mean	cchk_mean	usnk_mean	bryk_mean
11	101,00000000	11,00000000	11	Primary Case	hphk_mean	pglk_mean	pfuk_mean	pamk_mean	cchk_mean	usnk_mean
12	101,00000000	12,00000000	12	Primary Case	hphk_mean	cchk_mean	pglk_mean	usnk_mean		
13	101,00000000	13,00000000	13	Primary Case	hphk_mean	pamk_mean	pglk_mean	pfuk_mean	usnk_mean	
14	101,00000000	14,00000000	14	Primary Case	hphk_mean	pglk_mean	psak_mean	usnk_mean		
15	101,00000000	15,00000000	15	Primary Case	hphk_mean	pglk_mean	pfuk_mean	usnk_mean		
16	102,00000000	1,00000000	16	Primary Case	hphk_mean	usnk_mean				
17	102,00000000	2,00000000	17	Primary Case	hphk_mean	usnk_mean				
18	102,00000000	3,00000000	18	Primary Case	hphk_mean	usnk_mean				

Data View Variable View

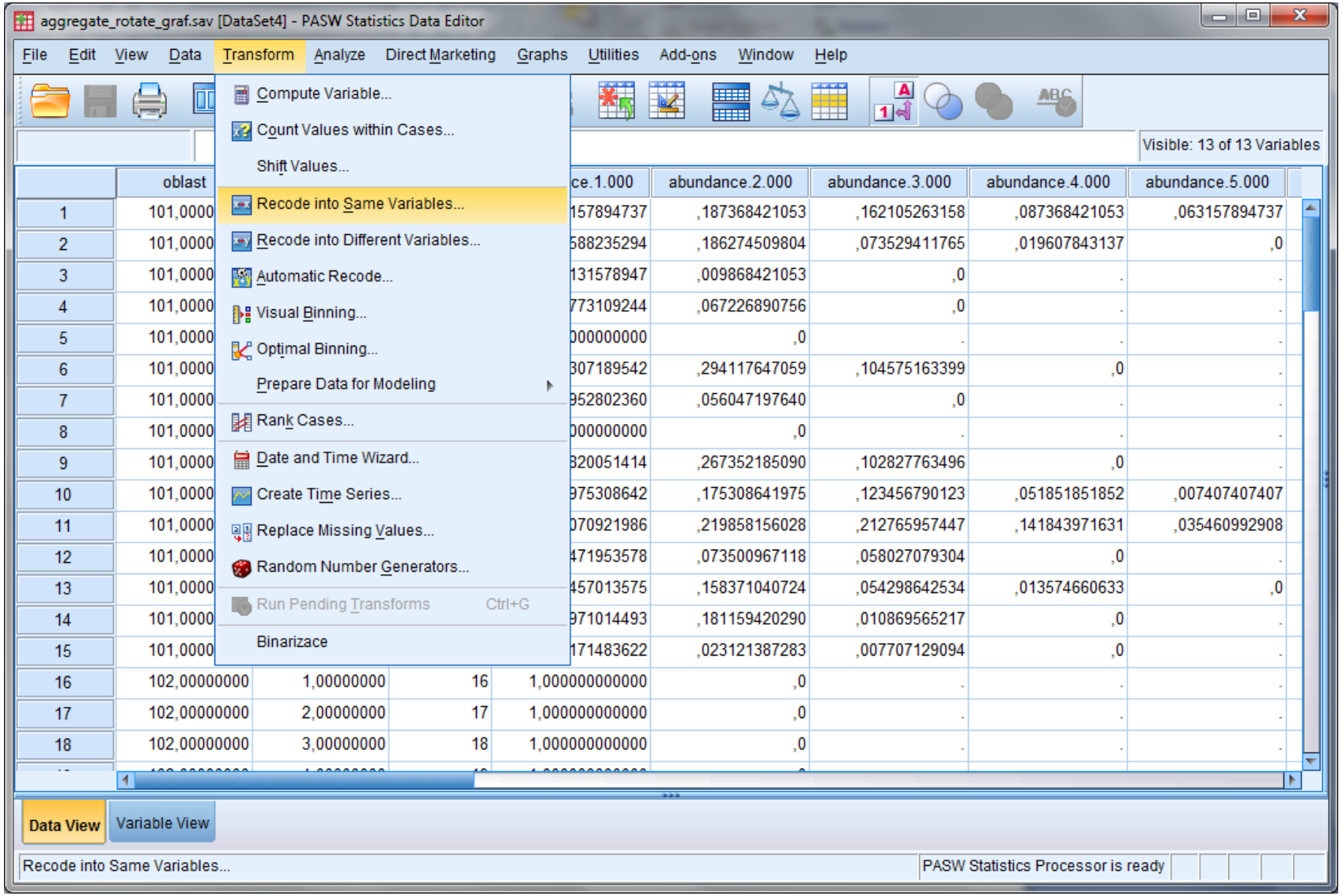
PASW Statistics Processor is ready

Seřazení druhů dle abundancí – rotace druhů do sloupců (seřazených dle abundance)

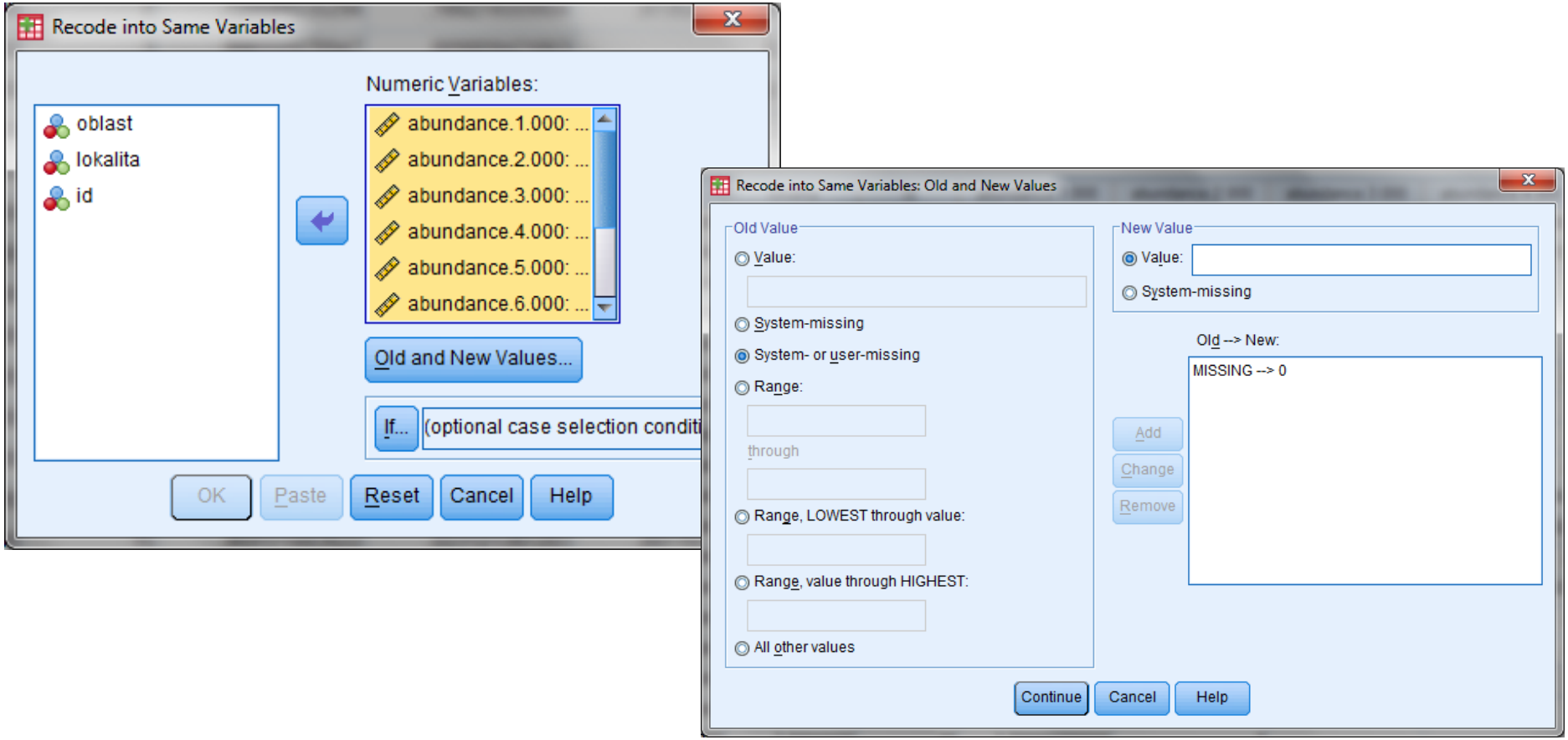


	Name	Type	Width	Decimals	Label	Values	
1	oblast	Numeric	11	8		None	None
2	lokalita	Numeric	11	8		None	None
3	id	Numeric	8	0		None	None
4	abundance.1.000	Numeric	13	12	abundance.1.000: hphk_mean%	None	None
5	abundance.2.000	Numeric	13	12	abundance.2.000: hphk_mean%	None	None
6	abundance.3.000	Numeric	13	12	abundance.3.000: hphk_mean%	None	None
7	abundance.4.000	Numeric	13	12	abundance.4.000: hphk_mean%	None	None
8	abundance.5.000	Numeric	13	12	abundance.5.000: hphk_mean%	None	None
9	abundance.6.000	Numeric	13	12	abundance.6.000: hphk_mean%	None	None
10	abundance.7.000	Numeric	13	12	abundance.7.000: hphk_mean%	None	None
11	abundance.8.000	Numeric	13	12	abundance.8.000: hphk_mean%	None	None
12	abundance.9.000	Numeric	13	12	abundance.9.000: hphk_mean%	None	None
13	abundance.10.000	Numeric	13	12	abundance.10.000: hphk_mean%	None	None
14							
15							
16							
17							
18							
19							
20							

Doplnění nulových abundancí



Doplnění nulových abundancí



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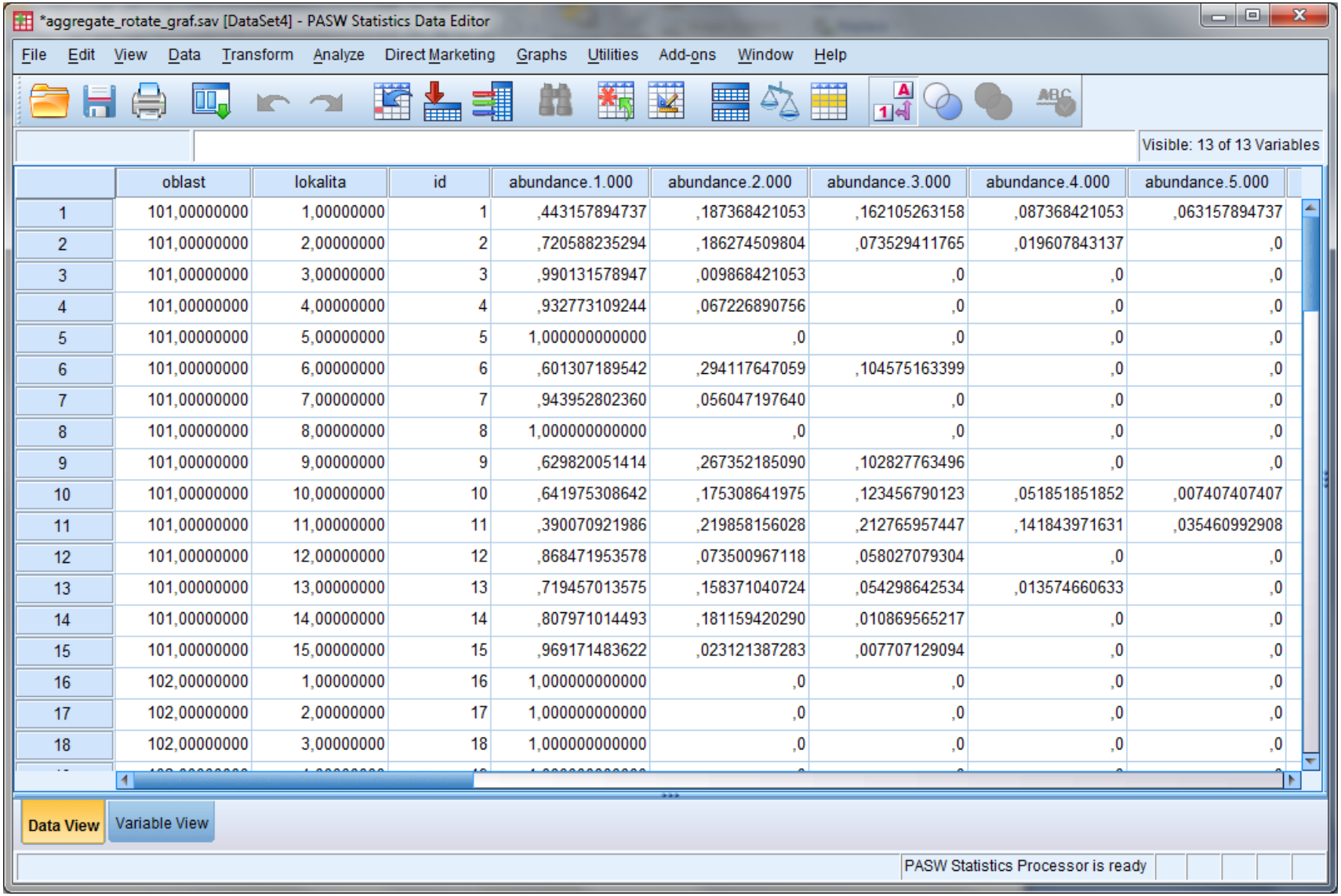
*aggregate_rotate_graf.sav [DataSet4] - PASW Statistics Data Editor

File Edit View Data Transform Analyze Direct Marketing Graphs Utilities Add-ons Window Help

Visible: 13 of 13 Variables

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1	101,00000000	1,00000000	1	,443157894737	,187368421053	,162105263158	,087368421053	,063157894737
2	101,00000000	2,00000000	2	,720588235294	,186274509804	,073529411765	,019607843137	,0
3	101,00000000	3,00000000	3	,990131578947	,009868421053	,0	,0	,0
4	101,00000000	4,00000000	4	,932773109244	,067226890756	,0	,0	,0
5	101,00000000	5,00000000	5	1,000000000000	,0	,0	,0	,0
6	101,00000000	6,00000000	6	,601307189542	,294117647059	,104575163399	,0	,0
7	101,00000000	7,00000000	7	,943952802360	,056047197640	,0	,0	,0
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9	101,00000000	9,00000000	9	,629820051414	,267352185090	,102827763496	,0	,0
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11	101,00000000	11,00000000	11	,390070921986	,219858156028	,212765957447	,141843971631	,035460992908
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14	101,00000000	14,00000000	14	,807971014493	,181159420290	,010869565217	,0	,0
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17	102,00000000	2,00000000	17	1,000000000000	,0	,0	,0	,0
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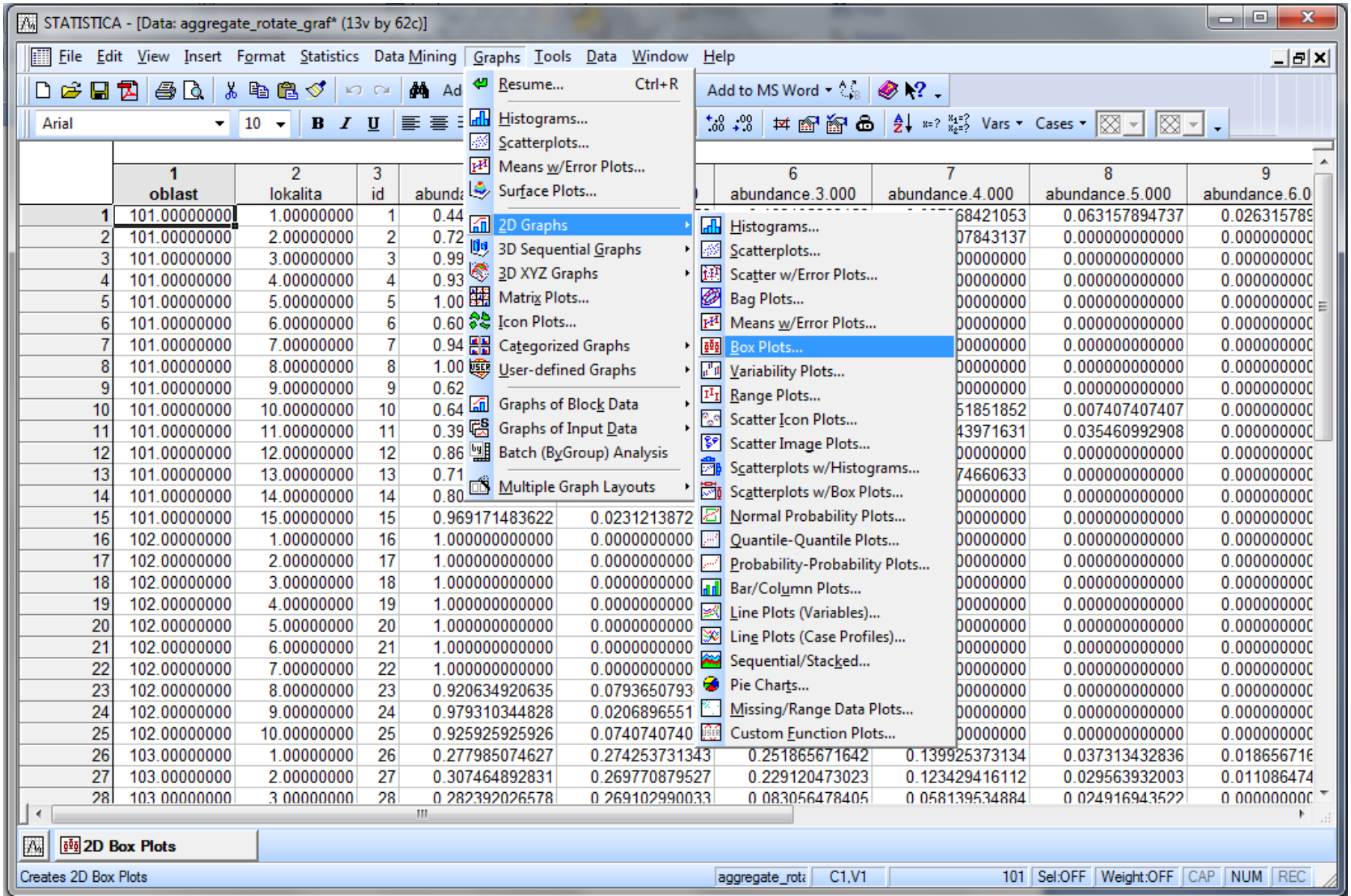
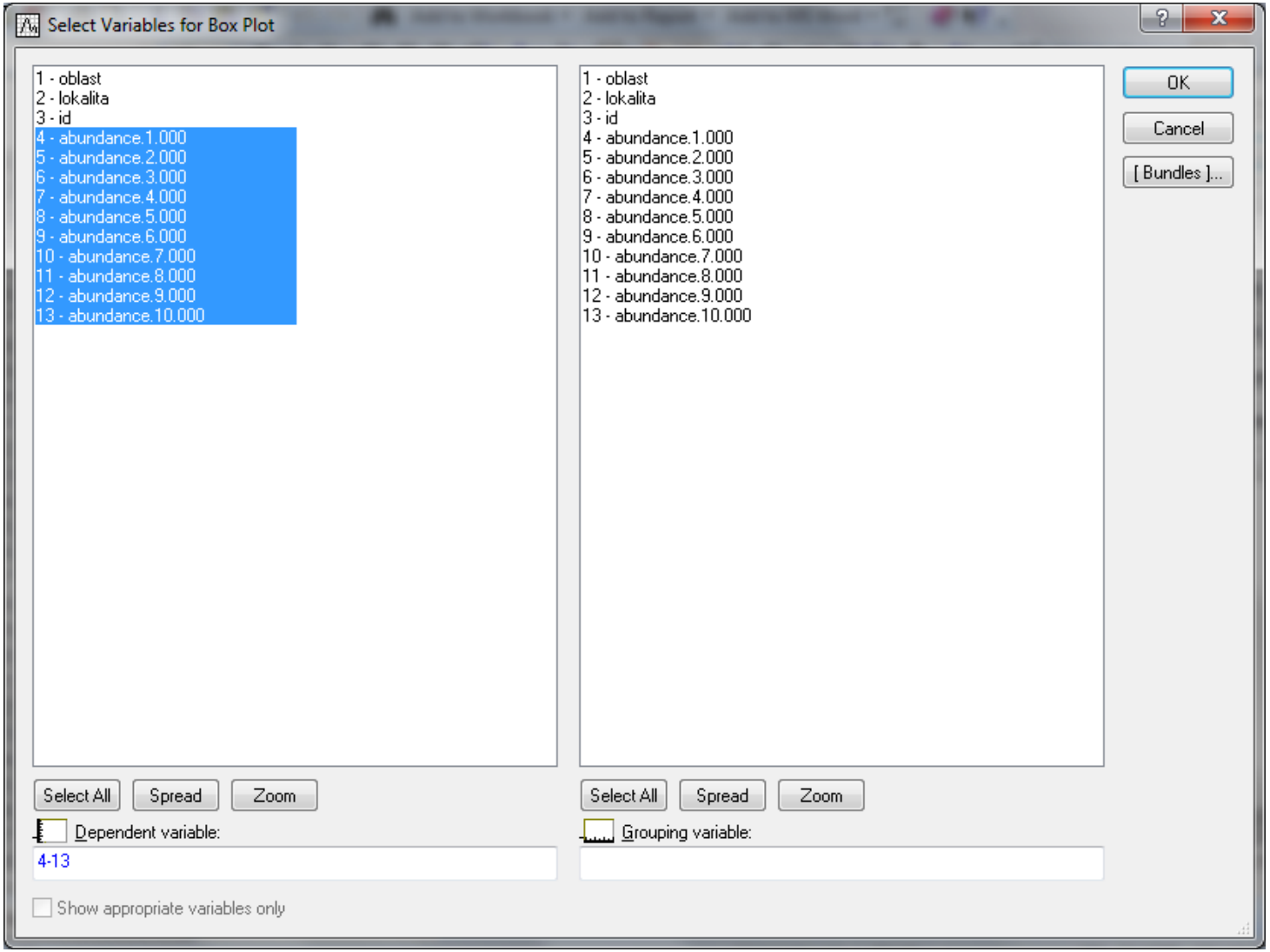
Data View Variable View

PASW Statistics Processor is ready

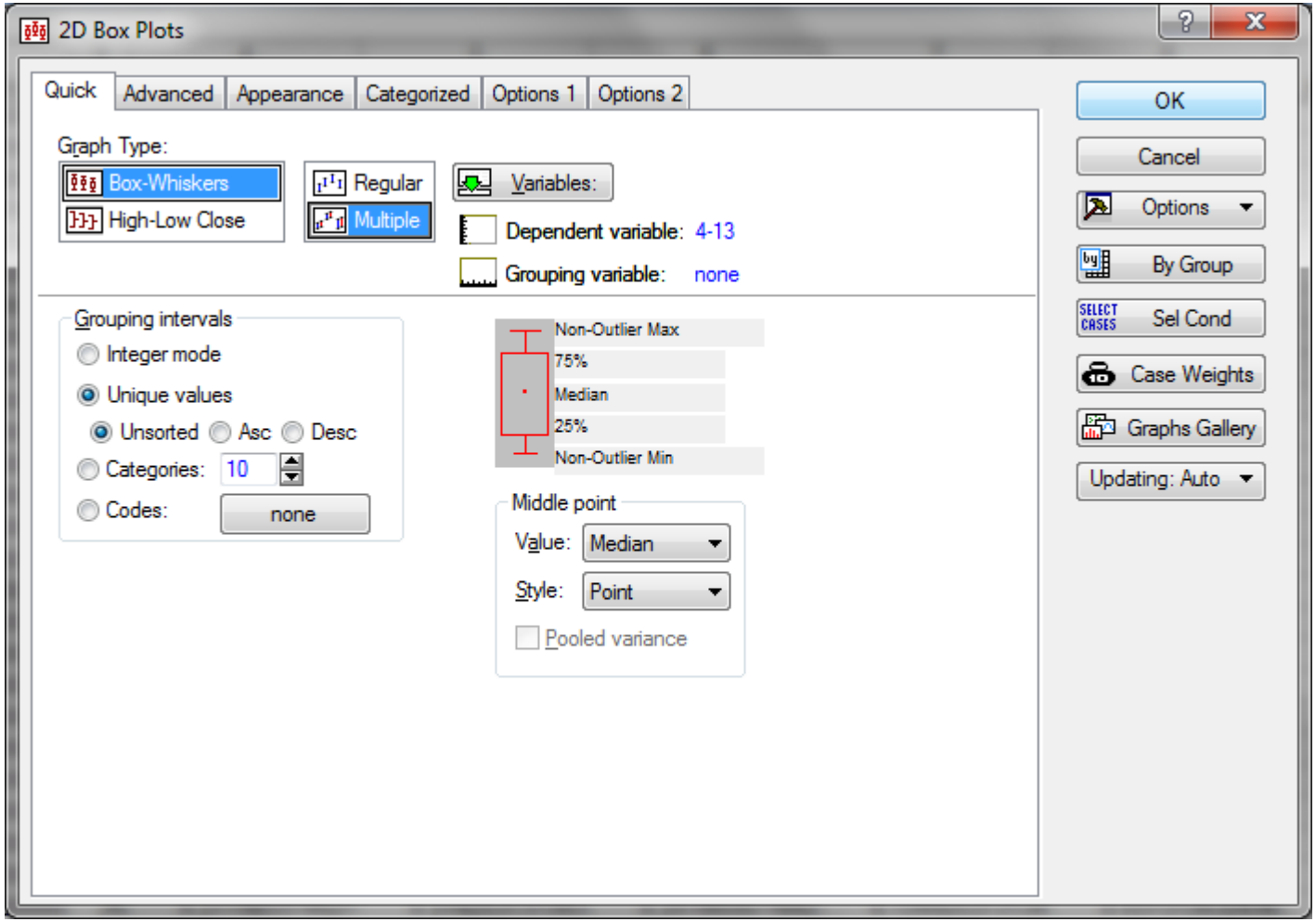
Vizualizace species abundance curve



Vizualizace species abundance curve



Vizualizace species abundance curve



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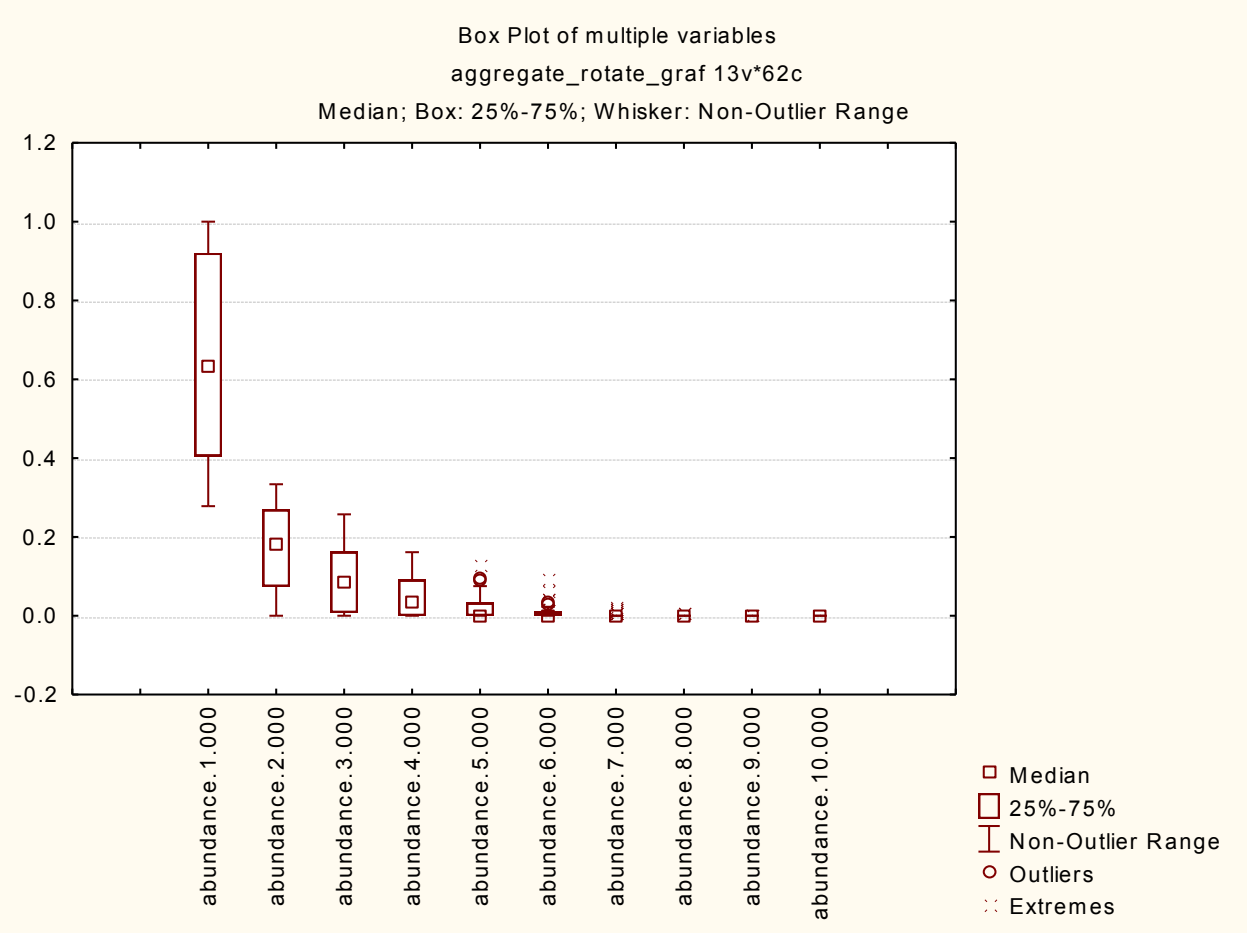

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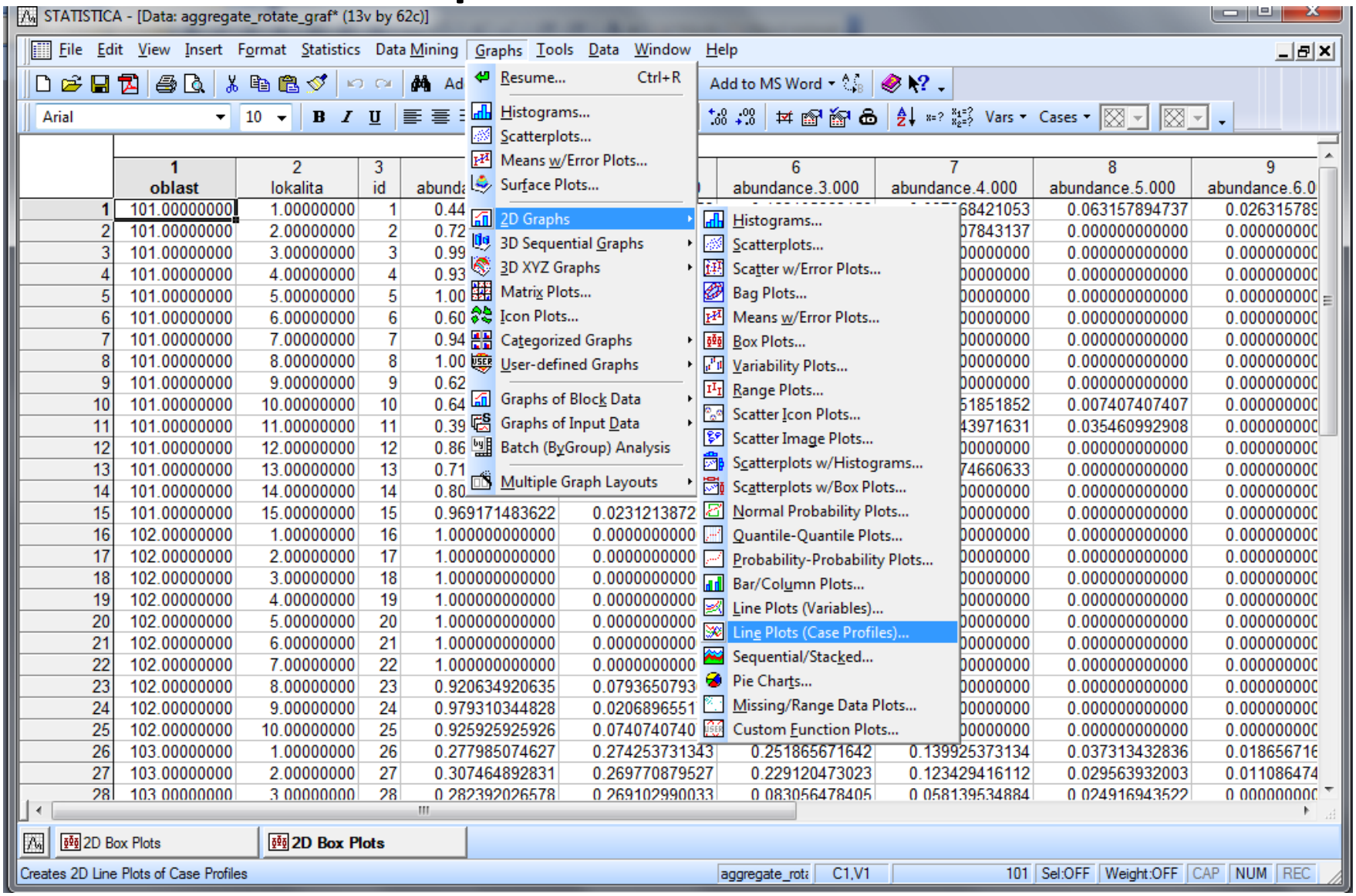

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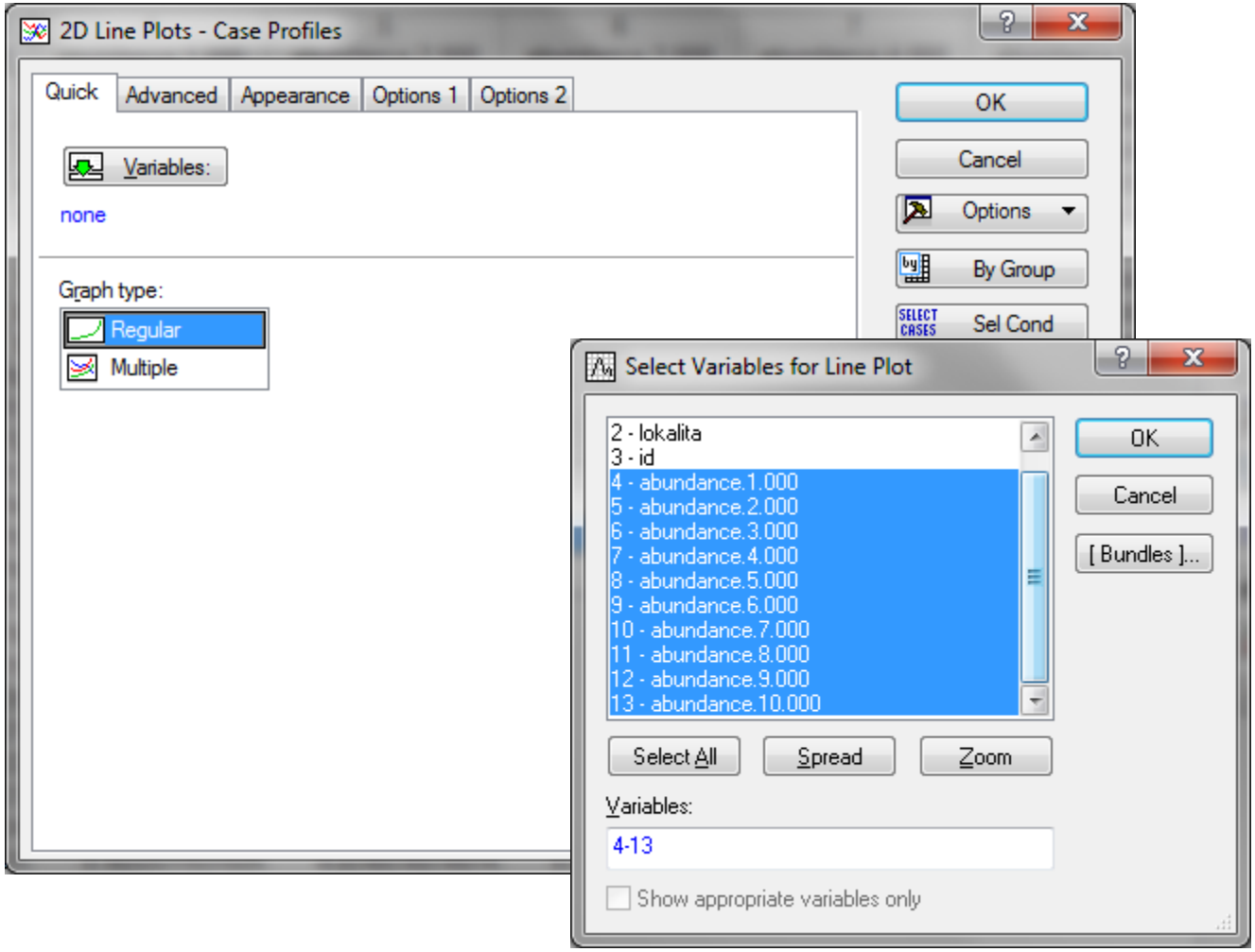

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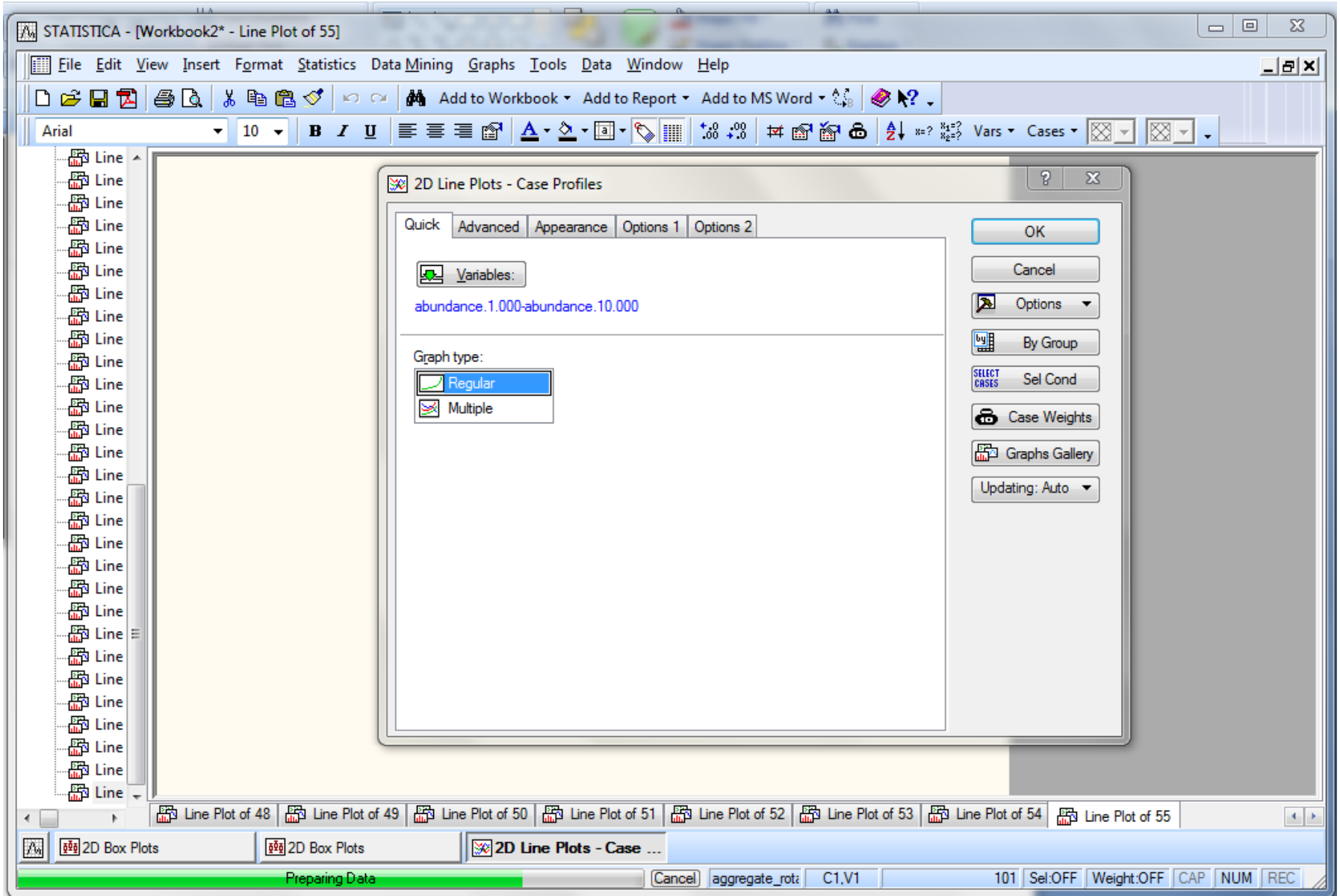
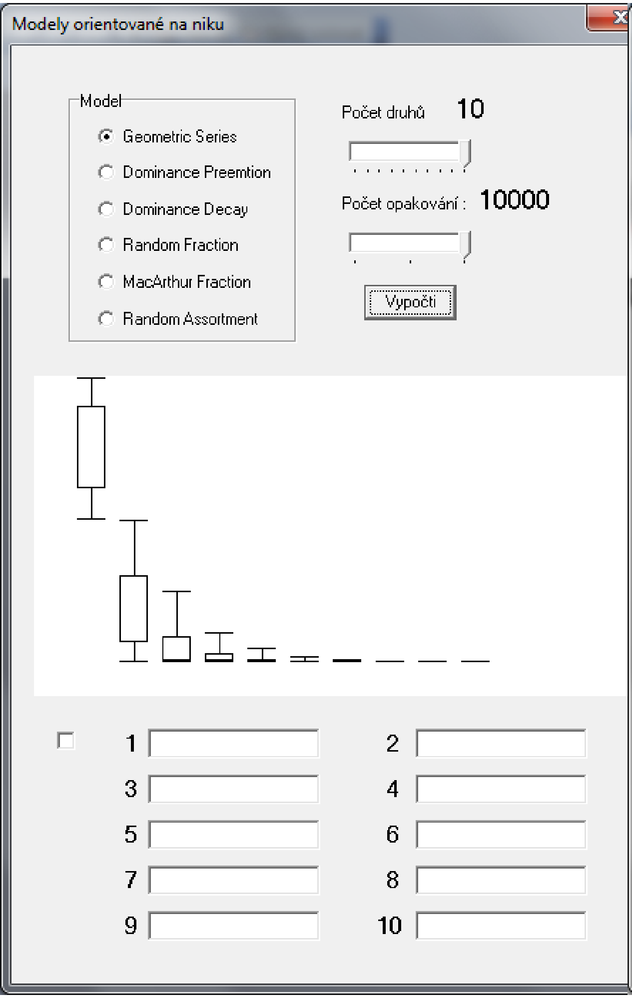
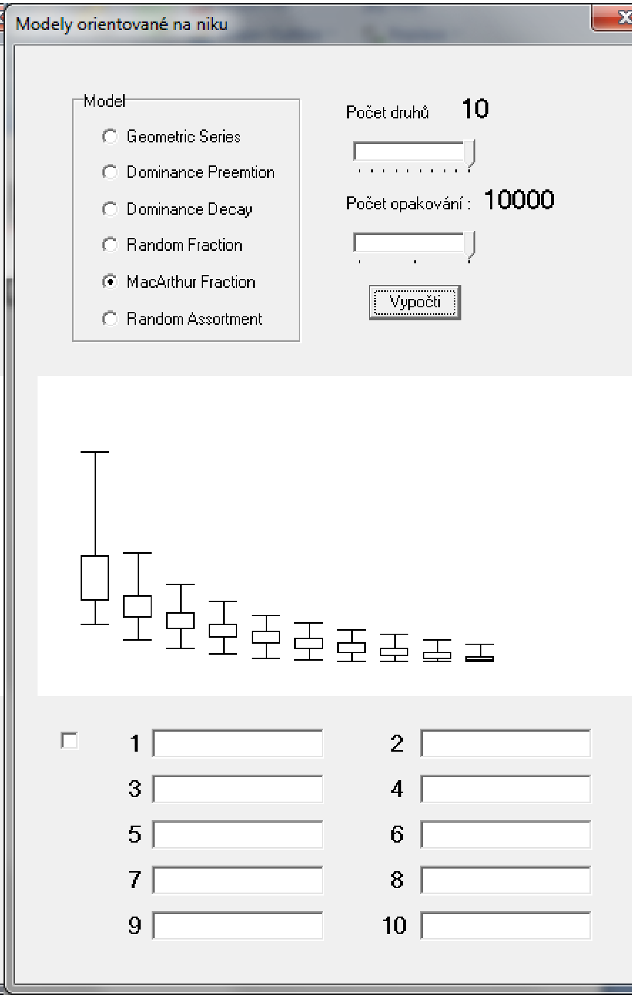
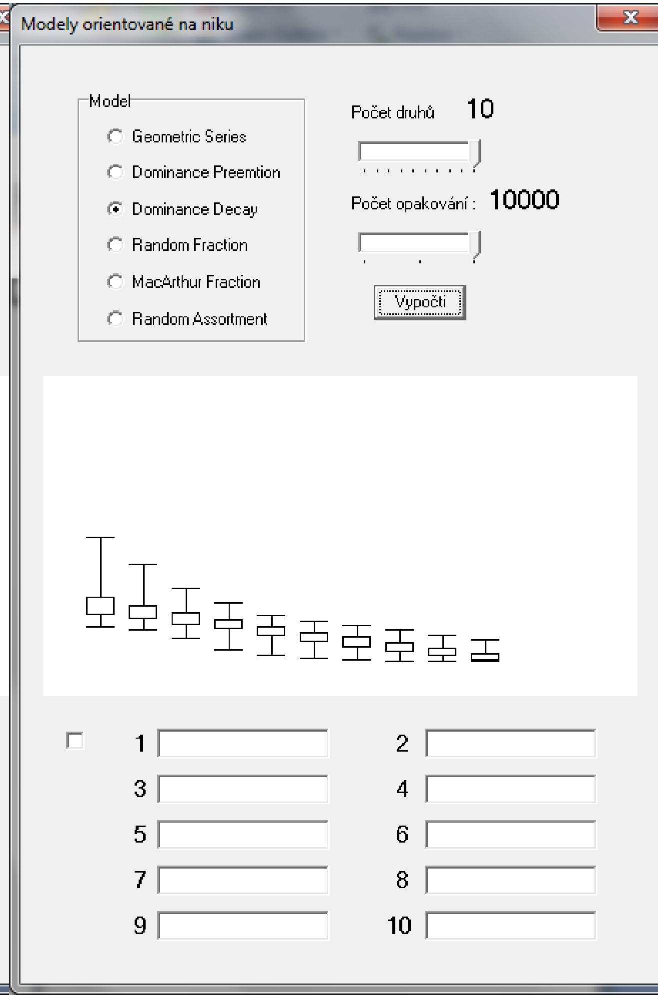


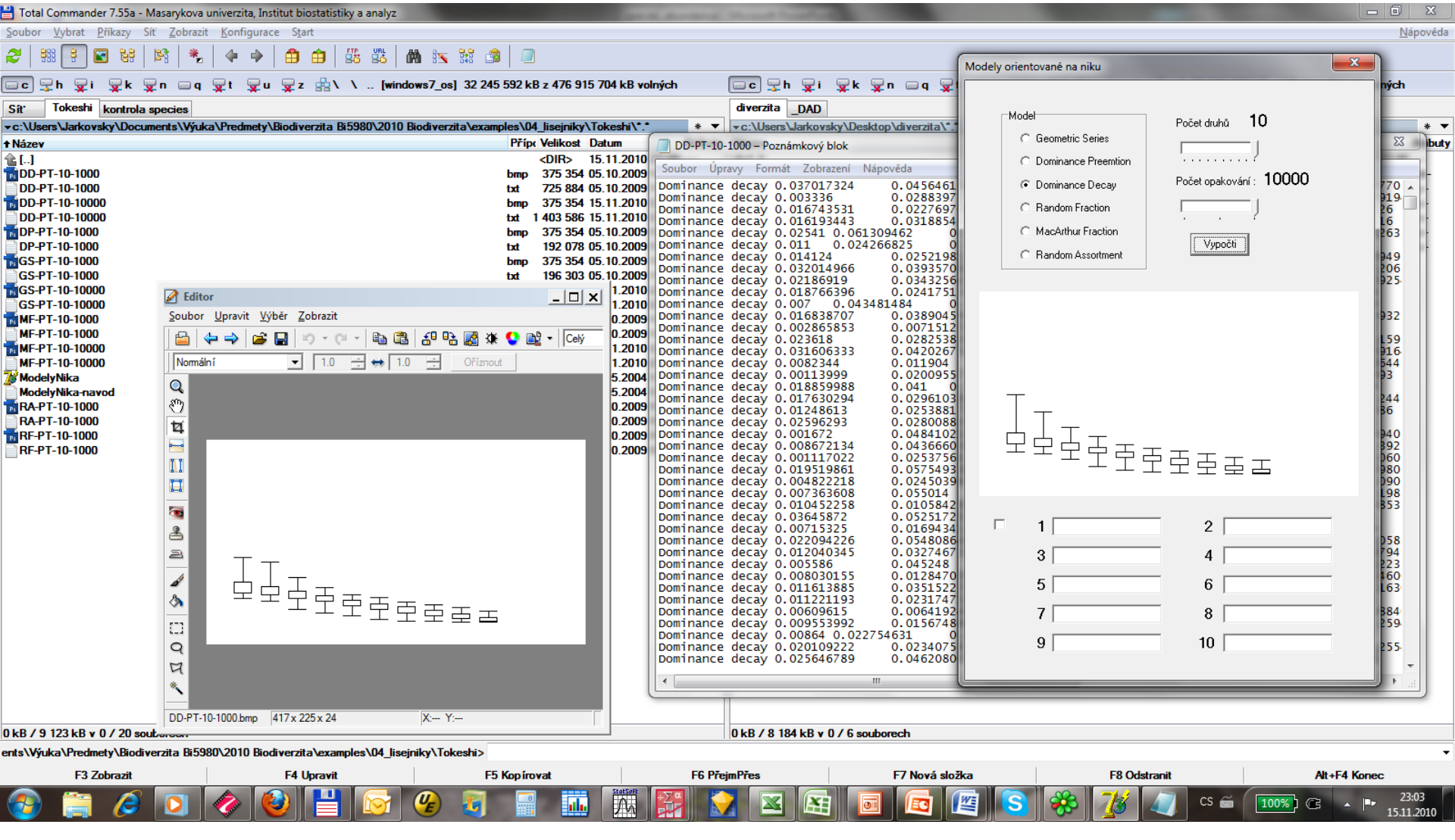
Srovnání species abundance curves s modely



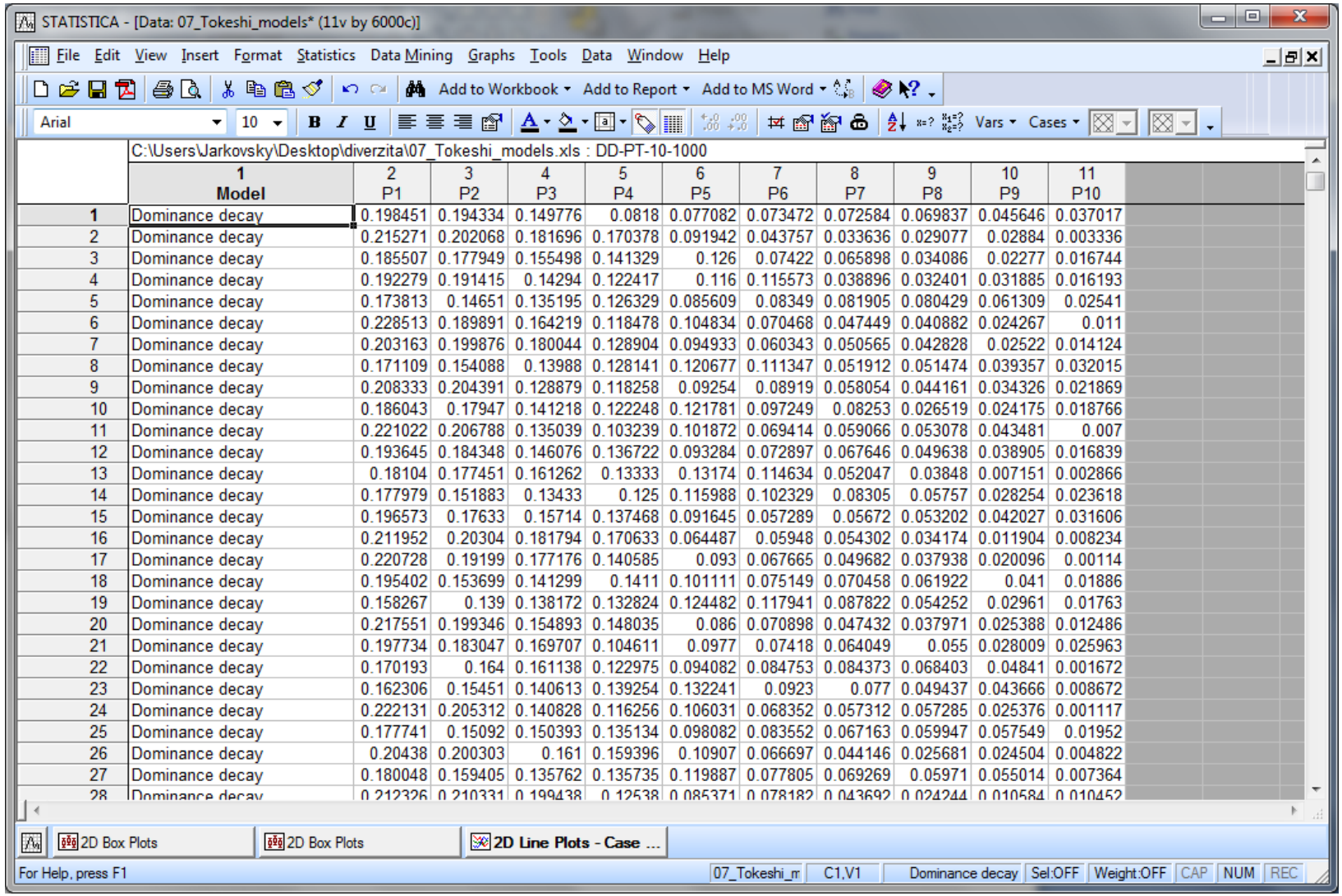




Srovnání species abundance curves s modely



Srovnání species abundance curves s modely


STATISTICA - [Data: 07_Tokeshi_models* (11v by 6000c)]

File Edit View Insert Format Statistics Data Mining Graphs Tools Data Window Help

Add to Workbook Add to Report Add to MS Word

Arial 10 Vars Cases

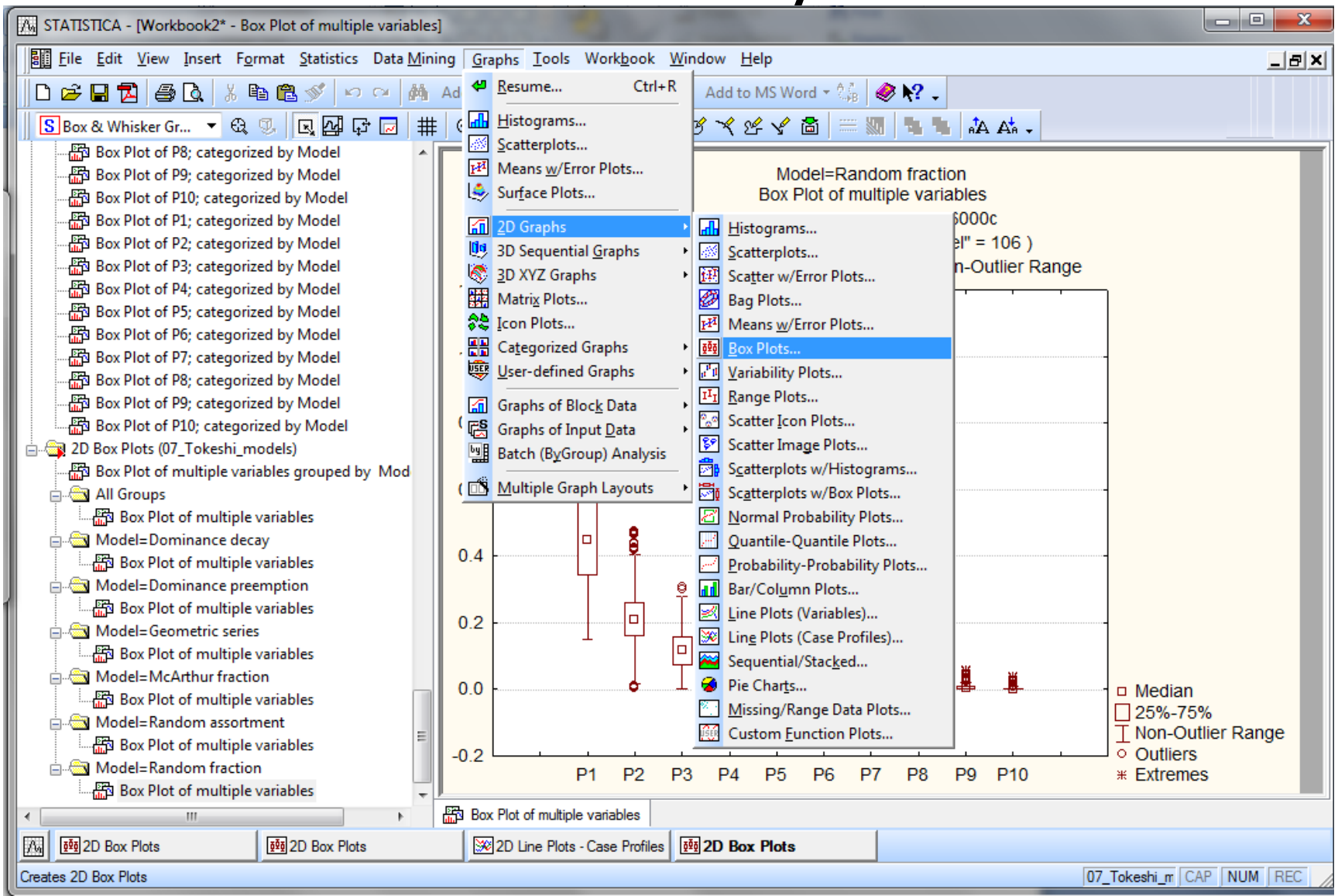
C:\Users\Jarkovsky\Desktop\diverzita\07_Tokeshi_models.xls : DD-PT-10-1000

	1 Model	2 P1	3 P2	4 P3	5 P4	6 P5	7 P6	8 P7	9 P8	10 P9	11 P10
1	Dominance decay	0.198451	0.194334	0.149776	0.0818	0.077082	0.073472	0.072584	0.069837	0.045646	0.037017
2	Dominance decay	0.215271	0.202068	0.181696	0.170378	0.091942	0.043757	0.033636	0.029077	0.02884	0.003336
3	Dominance decay	0.185507	0.177949	0.155498	0.141329	0.126	0.07422	0.065898	0.034086	0.02277	0.016744
4	Dominance decay	0.192279	0.191415	0.14294	0.122417	0.116	0.115573	0.038896	0.032401	0.031885	0.016193
5	Dominance decay	0.173813	0.14651	0.135195	0.126329	0.085609	0.08349	0.081905	0.080429	0.061309	0.02541
6	Dominance decay	0.228513	0.189891	0.164219	0.118478	0.104834	0.070468	0.047449	0.040882	0.024267	0.011
7	Dominance decay	0.203163	0.199876	0.180044	0.128904	0.094933	0.060343	0.050565	0.042828	0.02522	0.014124
8	Dominance decay	0.171109	0.154088	0.13988	0.128141	0.120677	0.111347	0.051912	0.051474	0.039357	0.032015
9	Dominance decay	0.208333	0.204391	0.128879	0.118258	0.09254	0.08919	0.058054	0.044161	0.034326	0.021869
10	Dominance decay	0.186043	0.17947	0.141218	0.122248	0.121781	0.097249	0.08253	0.026519	0.024175	0.018766
11	Dominance decay	0.221022	0.206788	0.135039	0.103239	0.101872	0.069414	0.059066	0.053078	0.043481	0.007
12	Dominance decay	0.193645	0.184348	0.146076	0.136722	0.093284	0.072897	0.067646	0.049638	0.038905	0.016839
13	Dominance decay	0.18104	0.177451	0.161262	0.13333	0.13174	0.114634	0.052047	0.03848	0.007151	0.002866
14	Dominance decay	0.177979	0.151883	0.13433	0.125	0.115988	0.102329	0.08305	0.05757	0.028254	0.023618
15	Dominance decay	0.196573	0.17633	0.15714	0.137468	0.091645	0.057289	0.05672	0.053202	0.042027	0.031606
16	Dominance decay	0.211952	0.20304	0.181794	0.170633	0.064487	0.05948	0.054302	0.034174	0.011904	0.008234
17	Dominance decay	0.220728	0.19199	0.177176	0.140585	0.093	0.067665	0.049682	0.037938	0.020096	0.00114
18	Dominance decay	0.195402	0.153699	0.141299	0.1411	0.101111	0.075149	0.070458	0.061922	0.041	0.01886
19	Dominance decay	0.158267	0.139	0.138172	0.132824	0.124482	0.117941	0.087822	0.054252	0.02961	0.01763
20	Dominance decay	0.217551	0.199346	0.154893	0.148035	0.086	0.070898	0.047432	0.037971	0.025388	0.012486
21	Dominance decay	0.197734	0.183047	0.169707	0.104611	0.0977	0.07418	0.064049	0.055	0.028009	0.025963
22	Dominance decay	0.170193	0.164	0.161138	0.122975	0.094082	0.084753	0.084373	0.068403	0.04841	0.001672
23	Dominance decay	0.162306	0.15451	0.140613	0.139254	0.132241	0.0923	0.077	0.049437	0.043666	0.008672
24	Dominance decay	0.222131	0.205312	0.140828	0.116256	0.106031	0.068352	0.057312	0.057285	0.025376	0.001117
25	Dominance decay	0.177741	0.15092	0.150393	0.135134	0.098082	0.083552	0.067163	0.059947	0.057549	0.01952
26	Dominance decay	0.20438	0.200303	0.161	0.159396	0.10907	0.066697	0.044146	0.025681	0.024504	0.004822
27	Dominance decay	0.180048	0.159405	0.135762	0.135735	0.119887	0.077805	0.069269	0.05971	0.055014	0.007364
28	Dominance decay	0.212326	0.210331	0.199438	0.12538	0.085371	0.078182	0.043692	0.024244	0.010584	0.010452

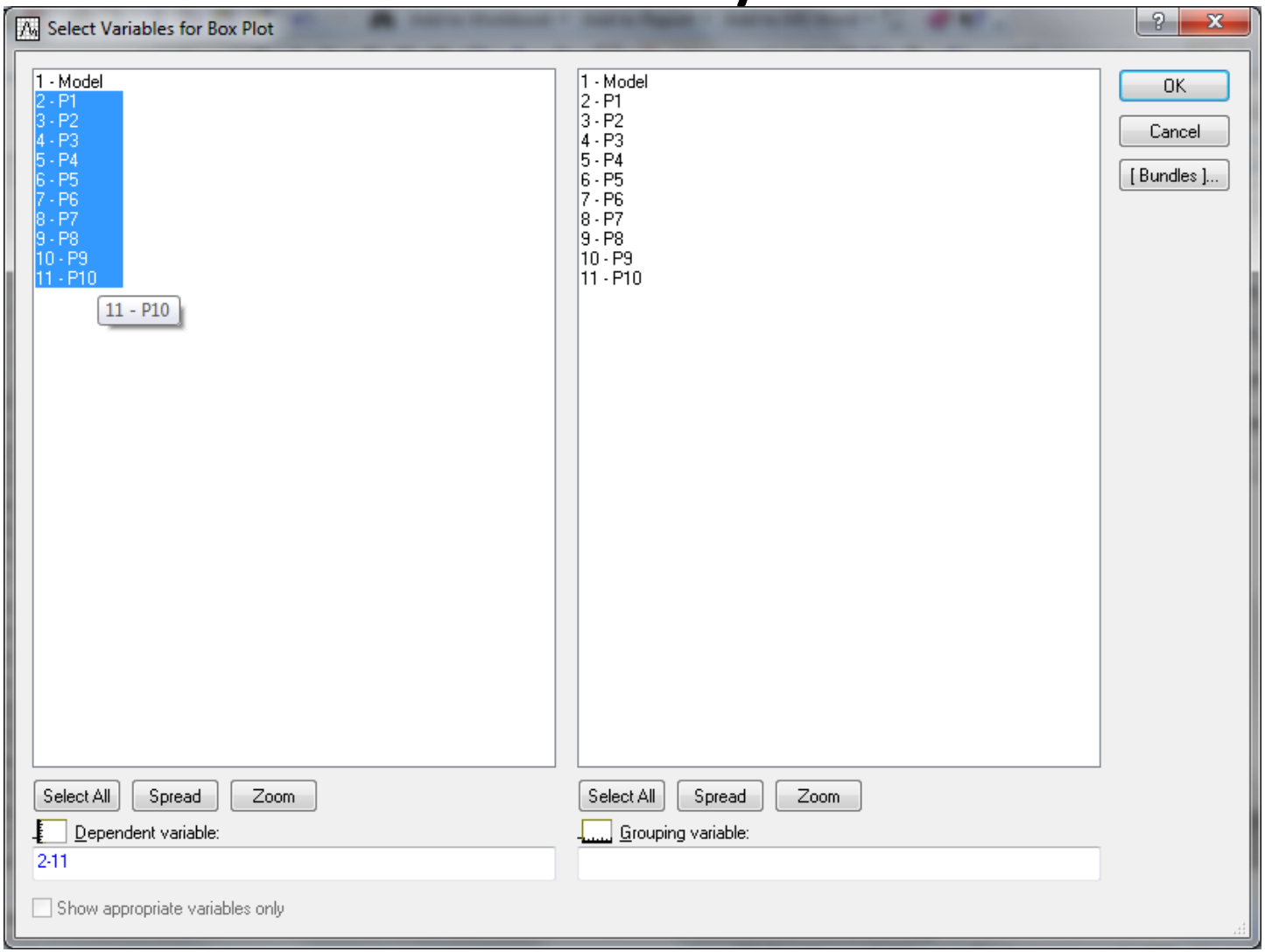
2D Box Plots | 2D Box Plots | 2D Line Plots - Case ...

For Help, press F1 | 07_Tokeshi_m | C1,V1 | Dominance decay | Sel:OFF | Weight:OFF | CAP | NUM | REC

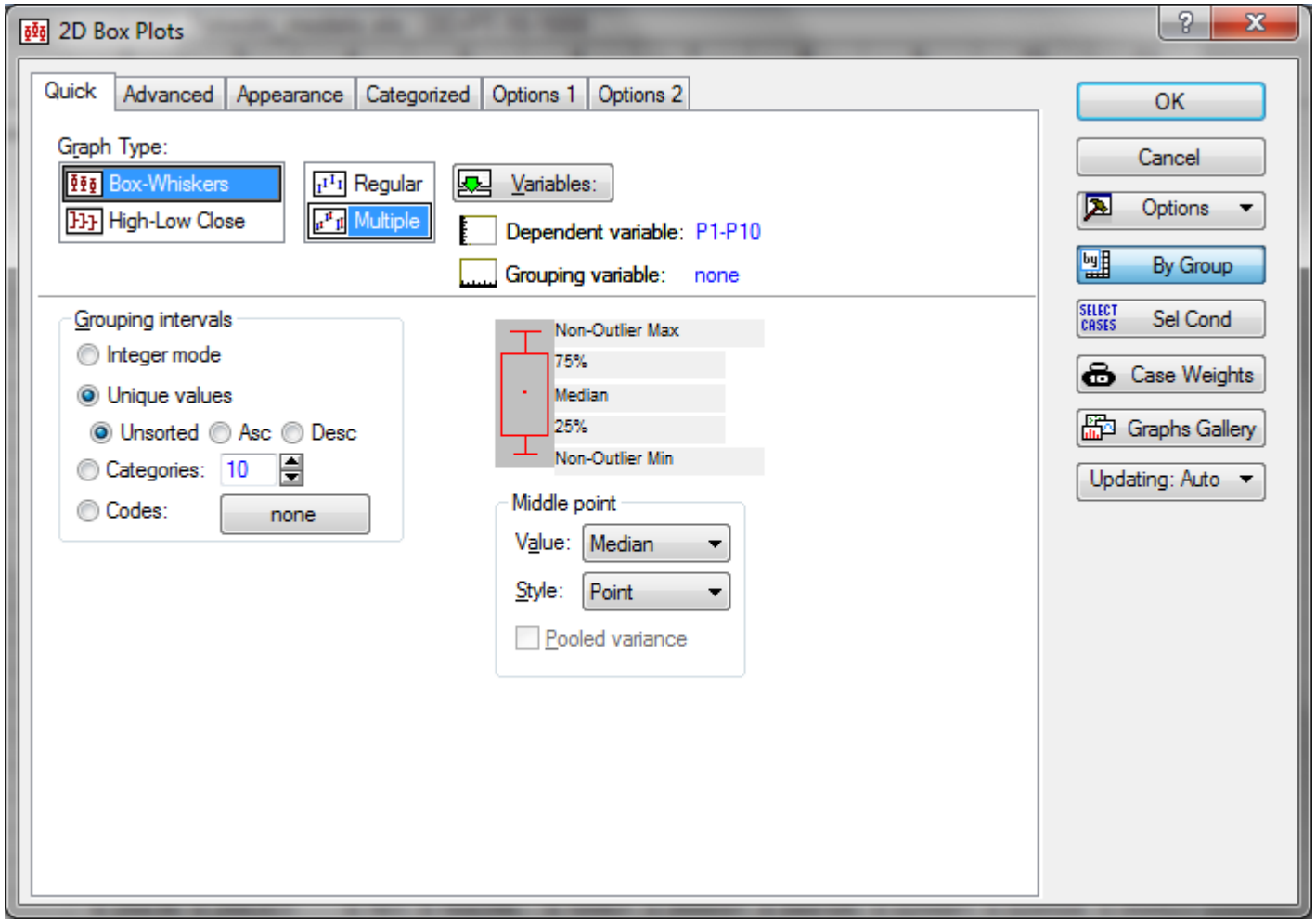
Srovnání species abundance curves s modely



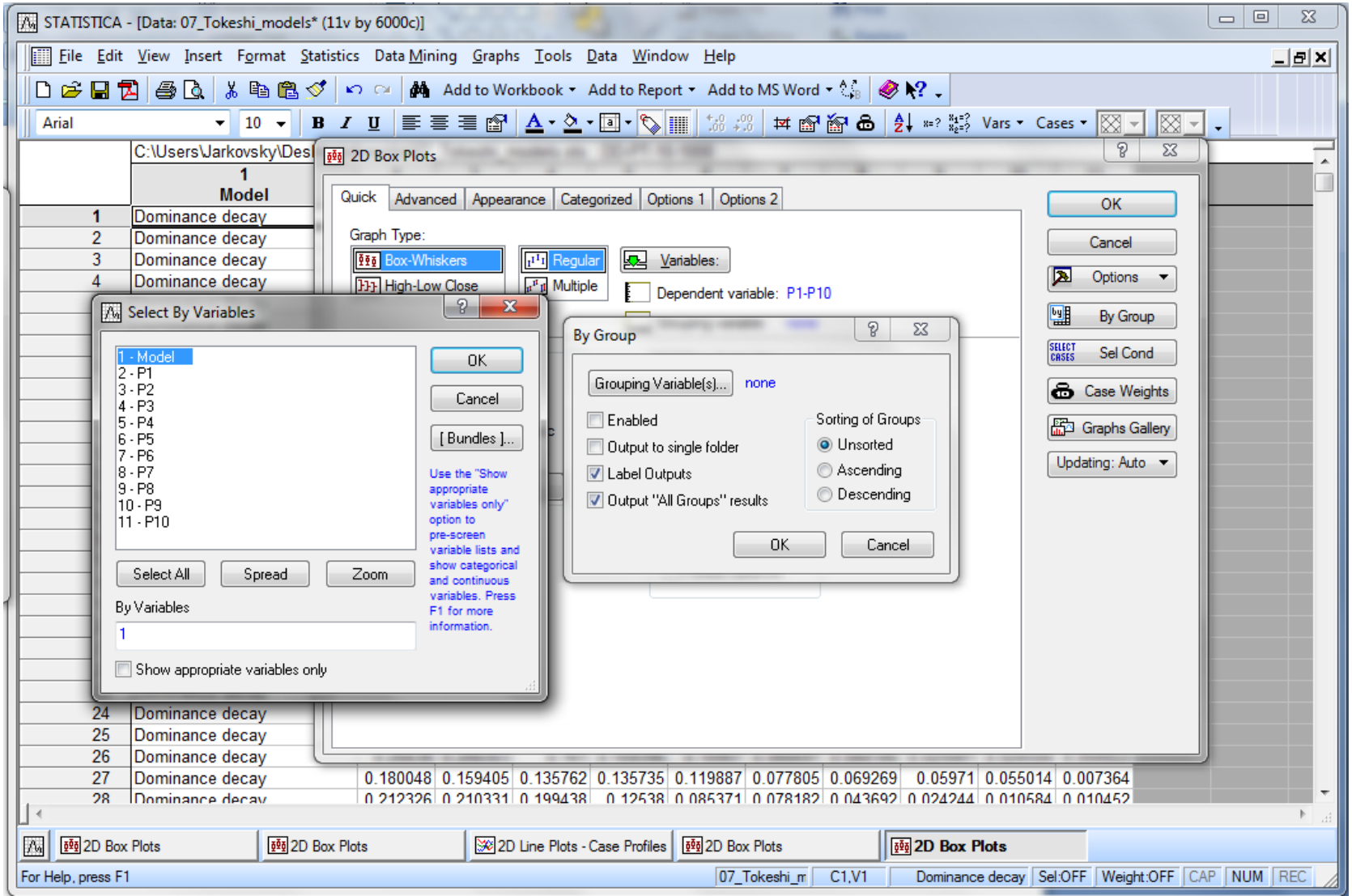
Srovnání species abundance curves s modely



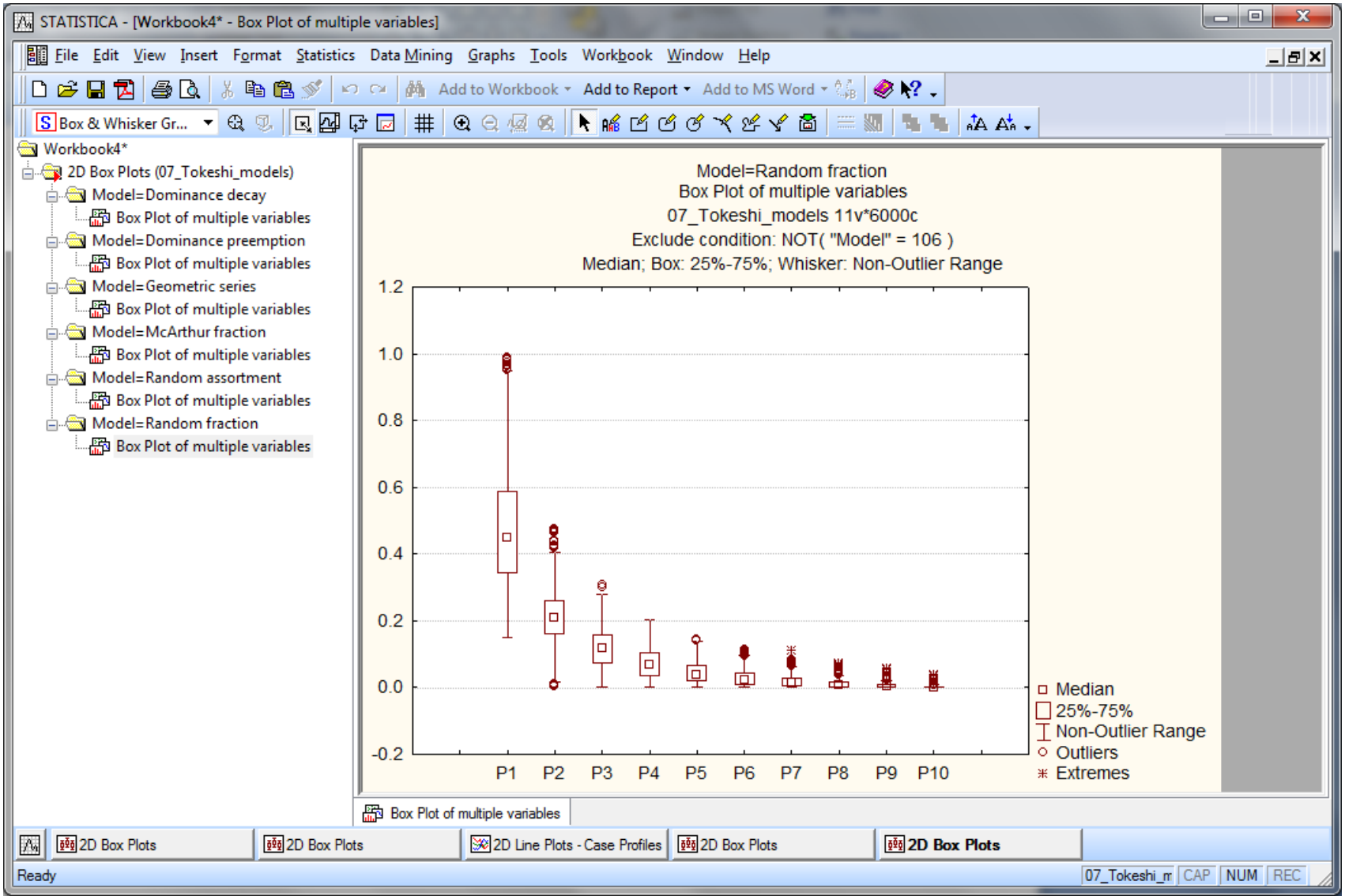
Srovnání species abundance curves s modely



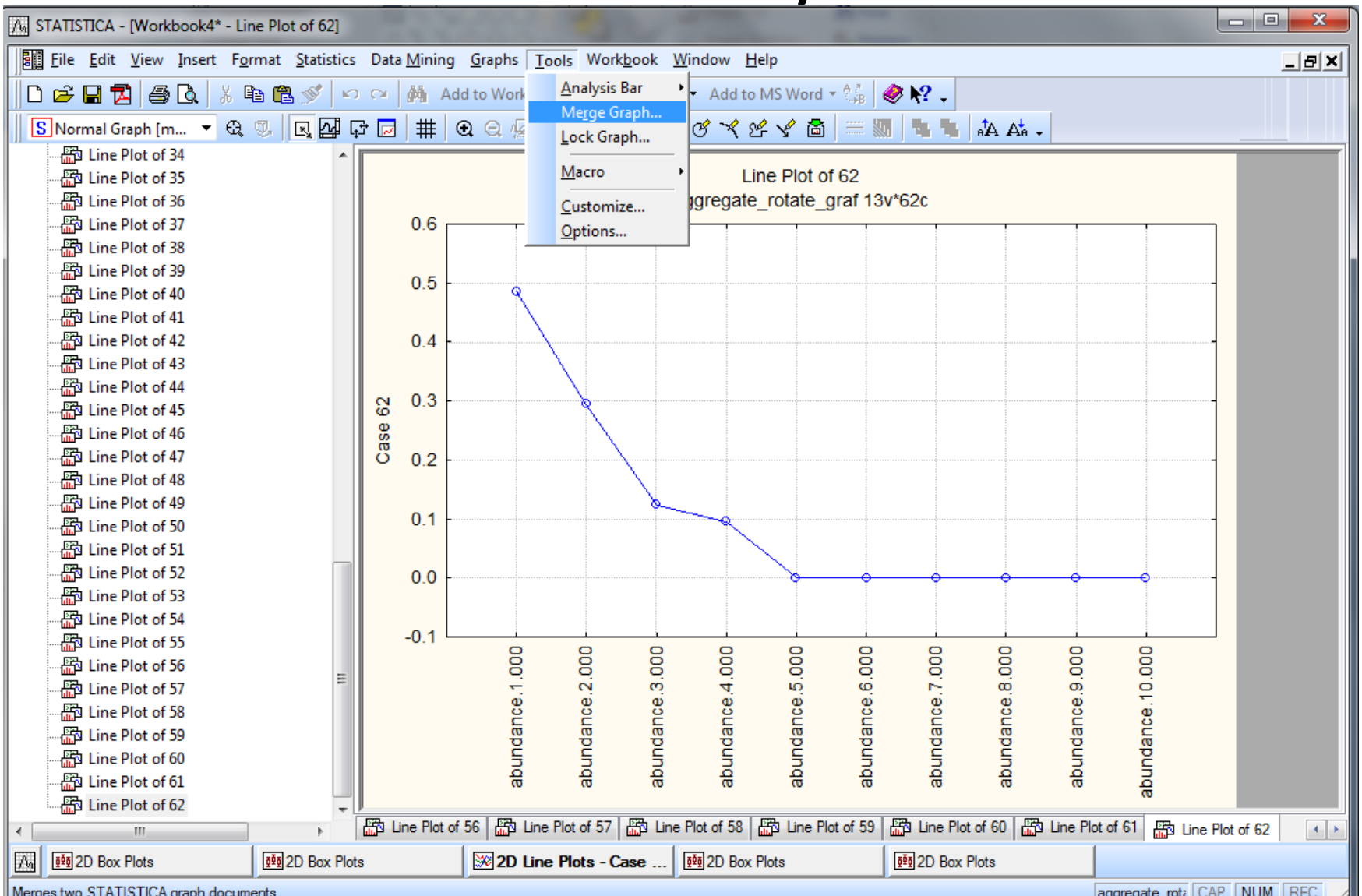
Srovnání species abundance curves s modely



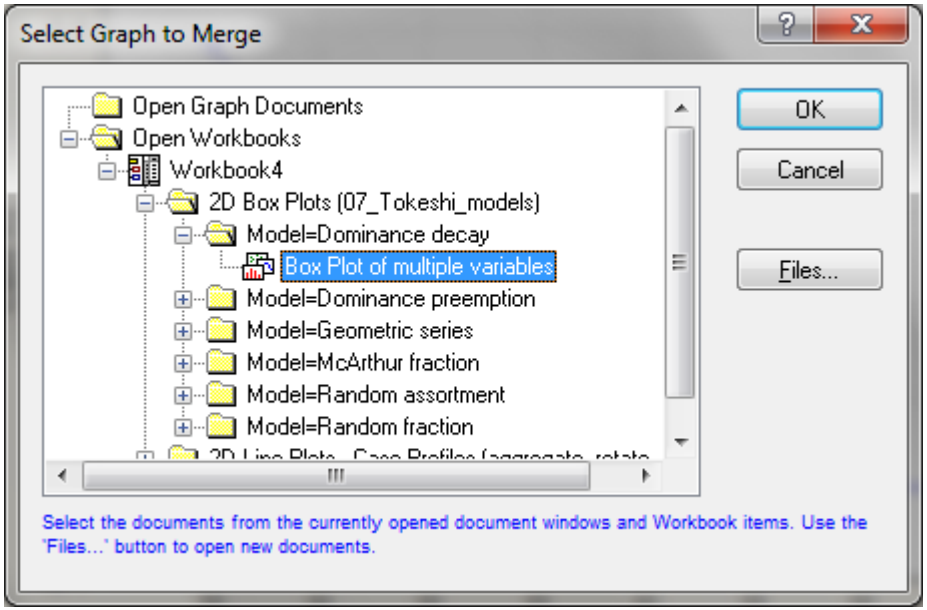
Srovnání species abundance curves s modely



Srovnání species abundance curves s modely



Srovnání species abundance curves s modely



Srovnání species abundance curves s modely