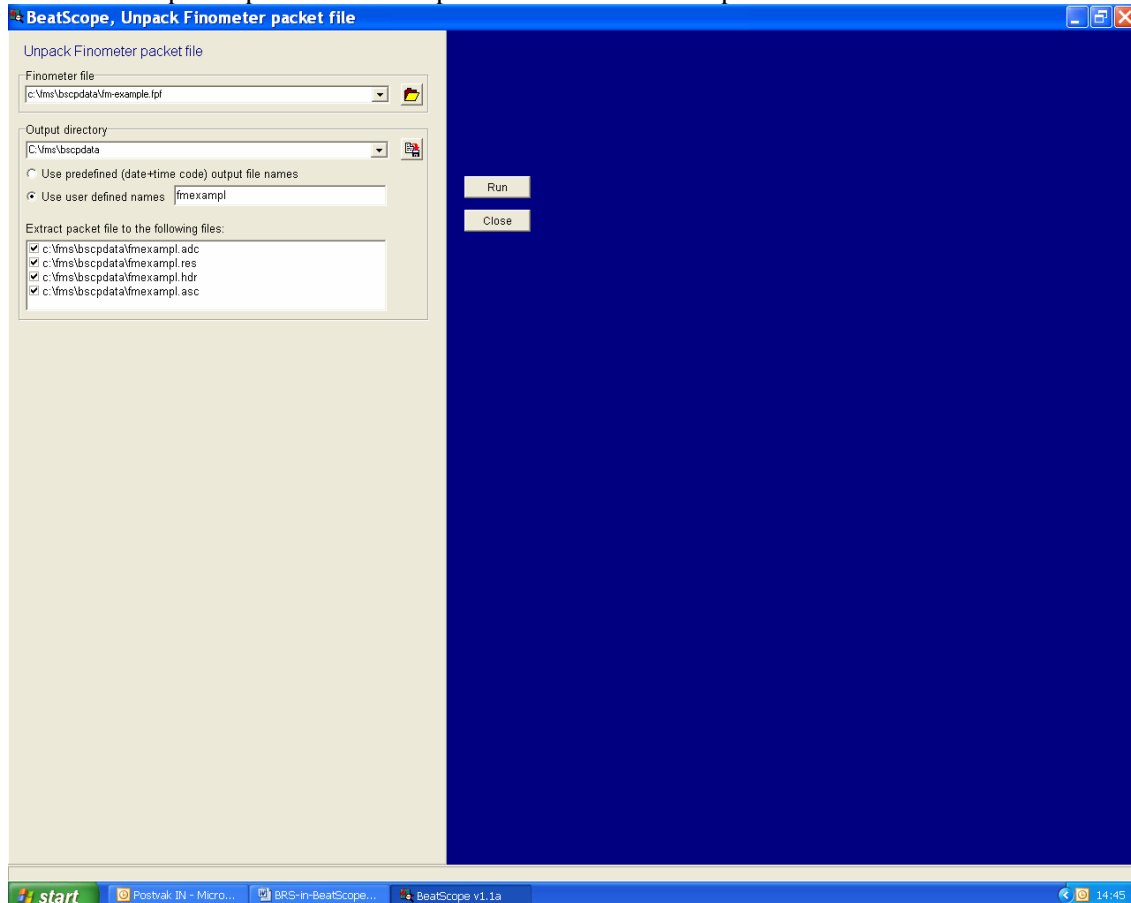


1. Run a Finometer measurement.
2. Download the Finometer packet file with BeatScope (destination: c:\FMS\BSCPDATA). If the Finometer filename convention is not used, please make sure that the filename (excluding the extension) is not longer than 8 characters.
3. Run the Readpack option in Beatscope to obtain the fmexampl.res file.

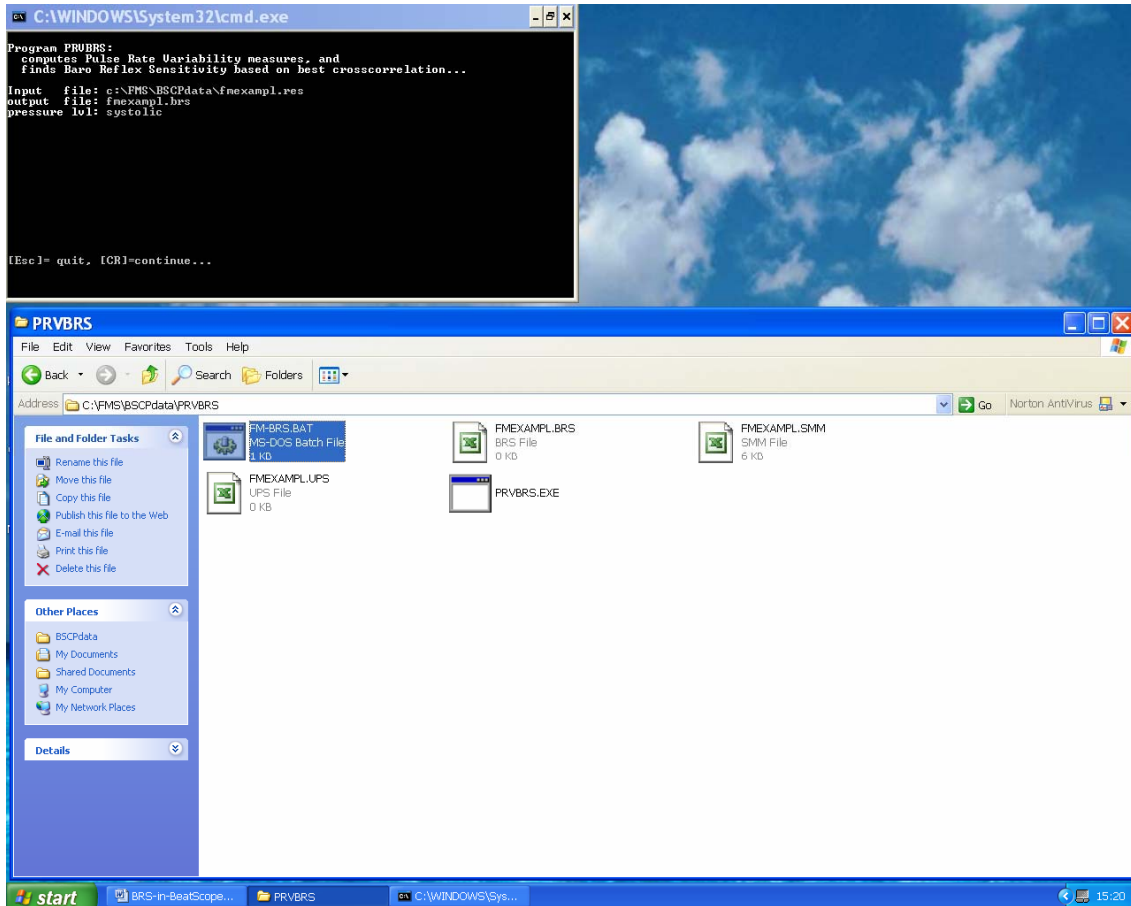


4. Put the PRVBRS.exe program in the directory C:\FMS\BSCPDATA\PRVBRS, together with the example batch file FM-BRS.bat (see below).

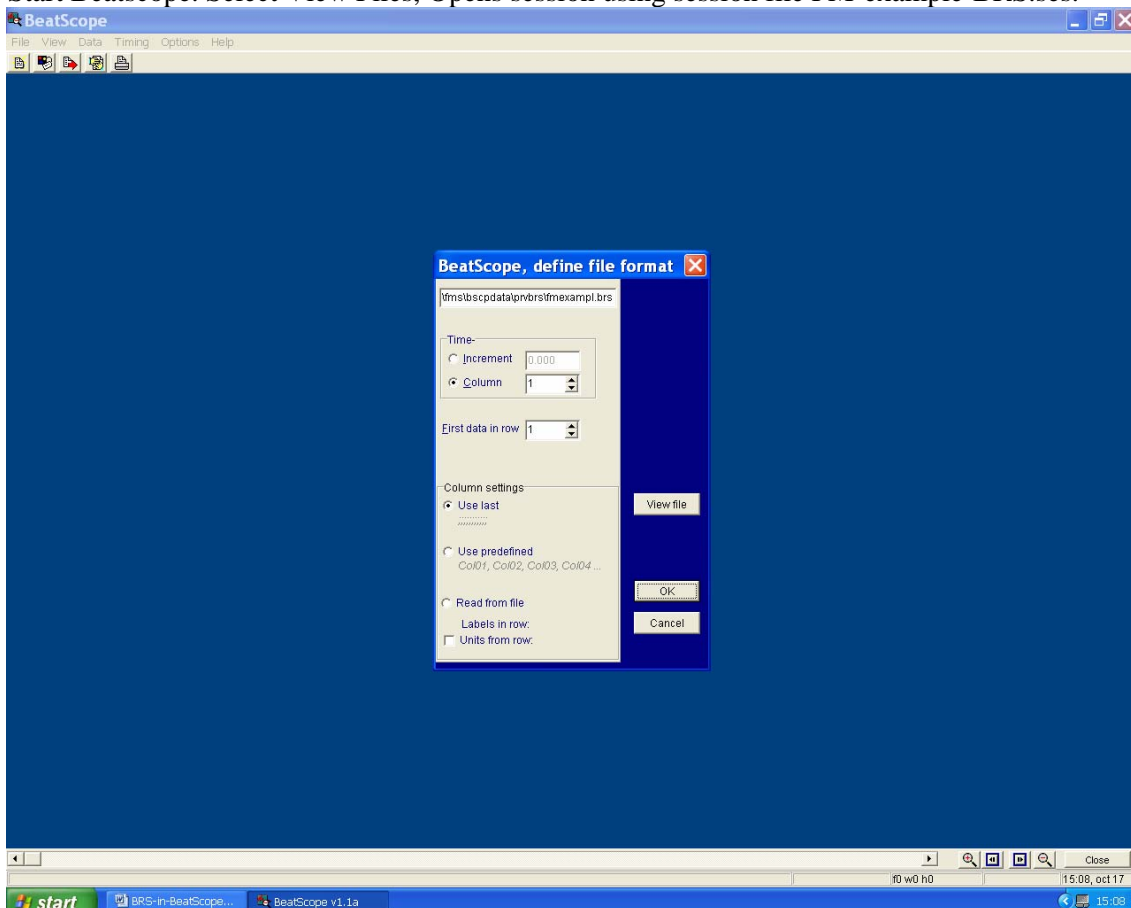

```

: start
prvbrs.exe c:\FMS\BSCPdata\fmexampl.res fmexampl.brs
: exit
            
```
5. Put the session file fm-exampl-brs.ses in the directory c:\FMS\BSCPdata

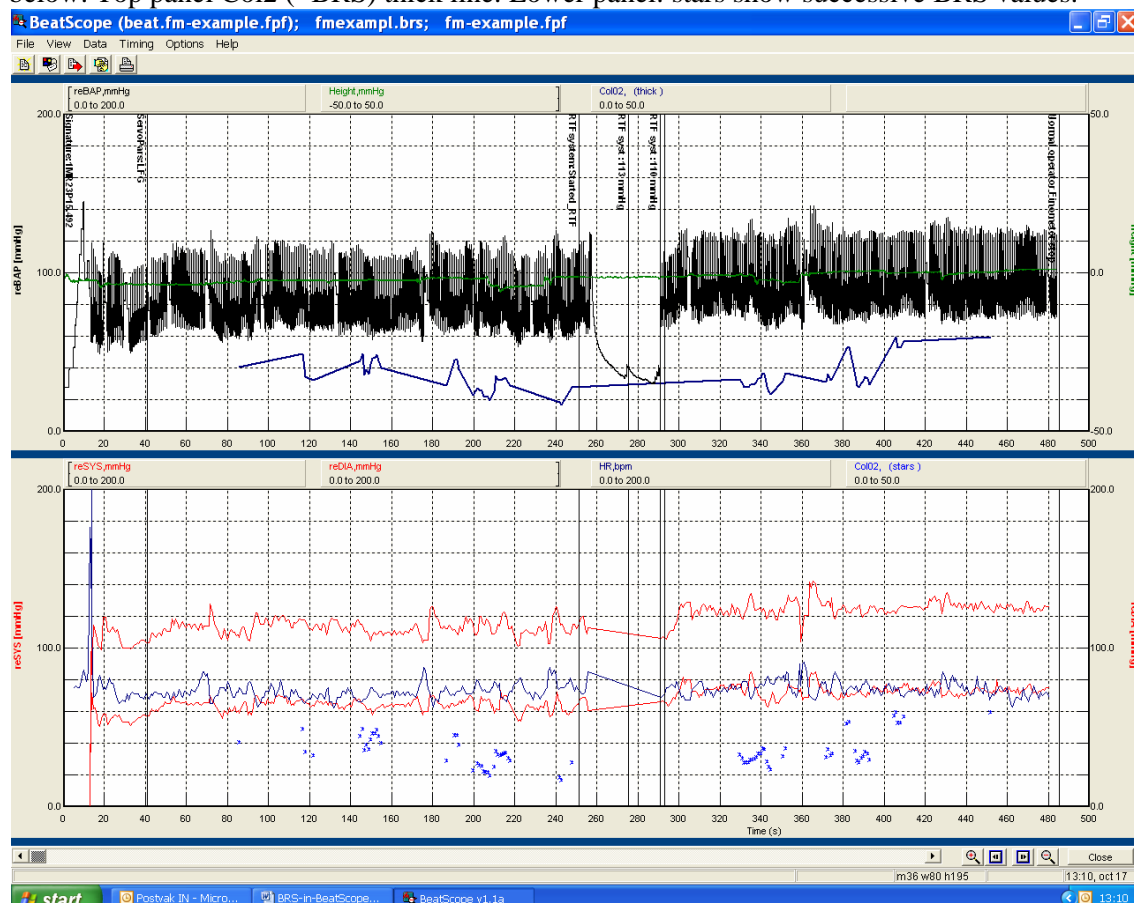
- Run the batch file FM-BRS.bat. The PRVBRS program will be run using the fmexampl.res as input file and fmexampl.brs as output file.



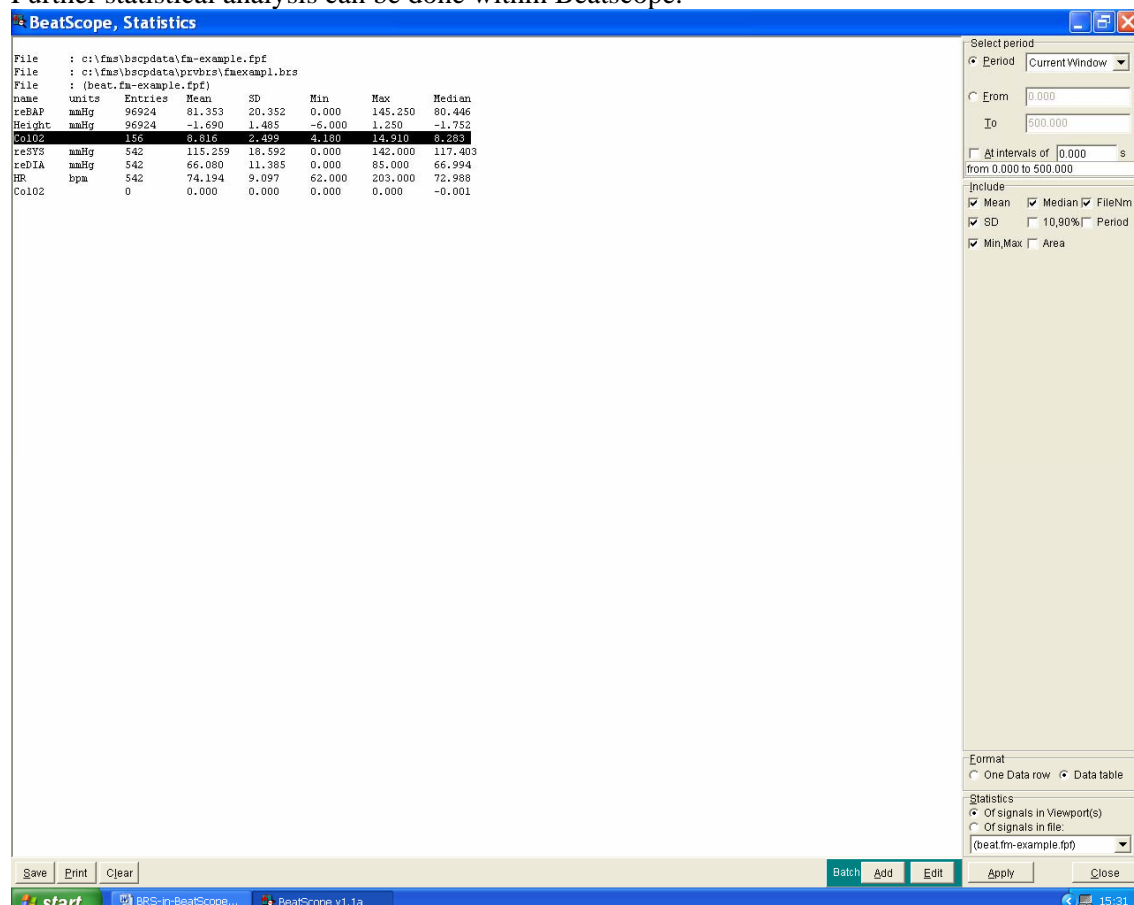
- Start Beatscope. Select View Files, Opens session using session file FM-example-BRS.ses.



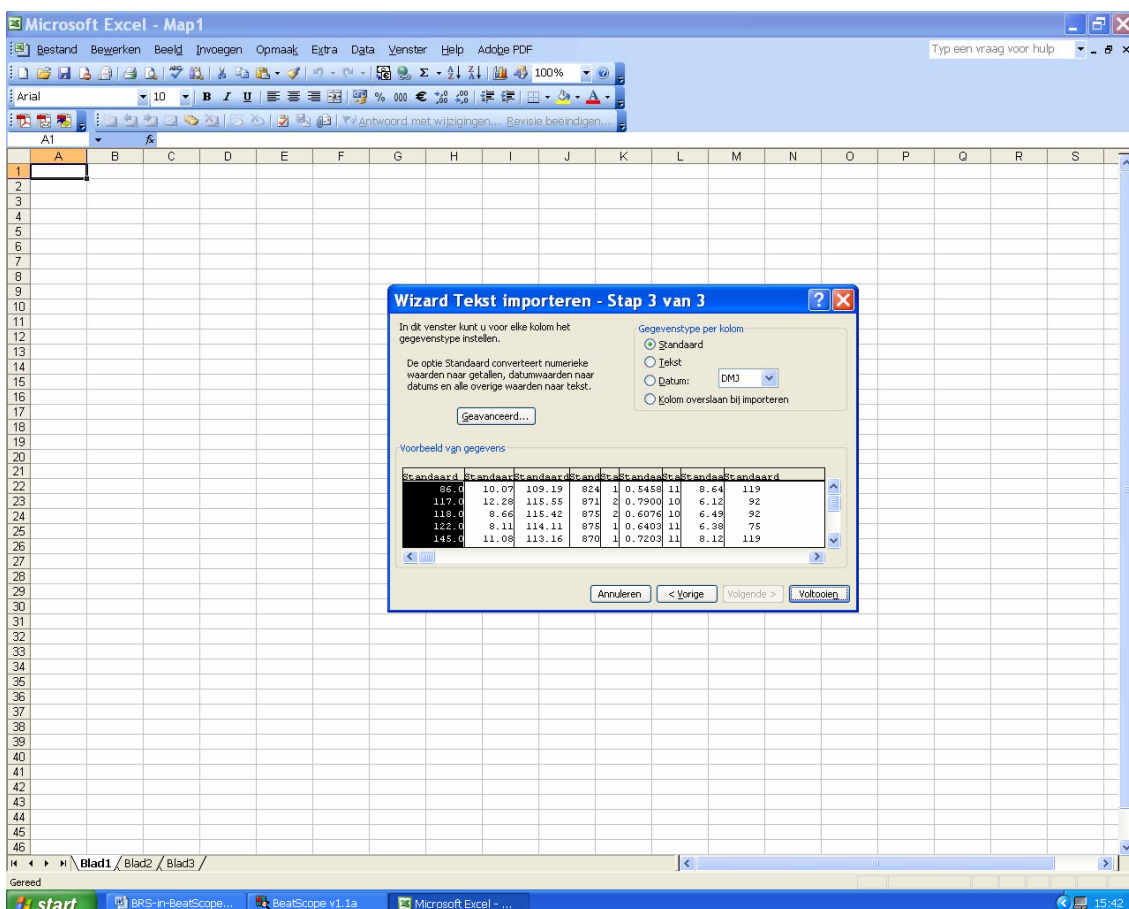
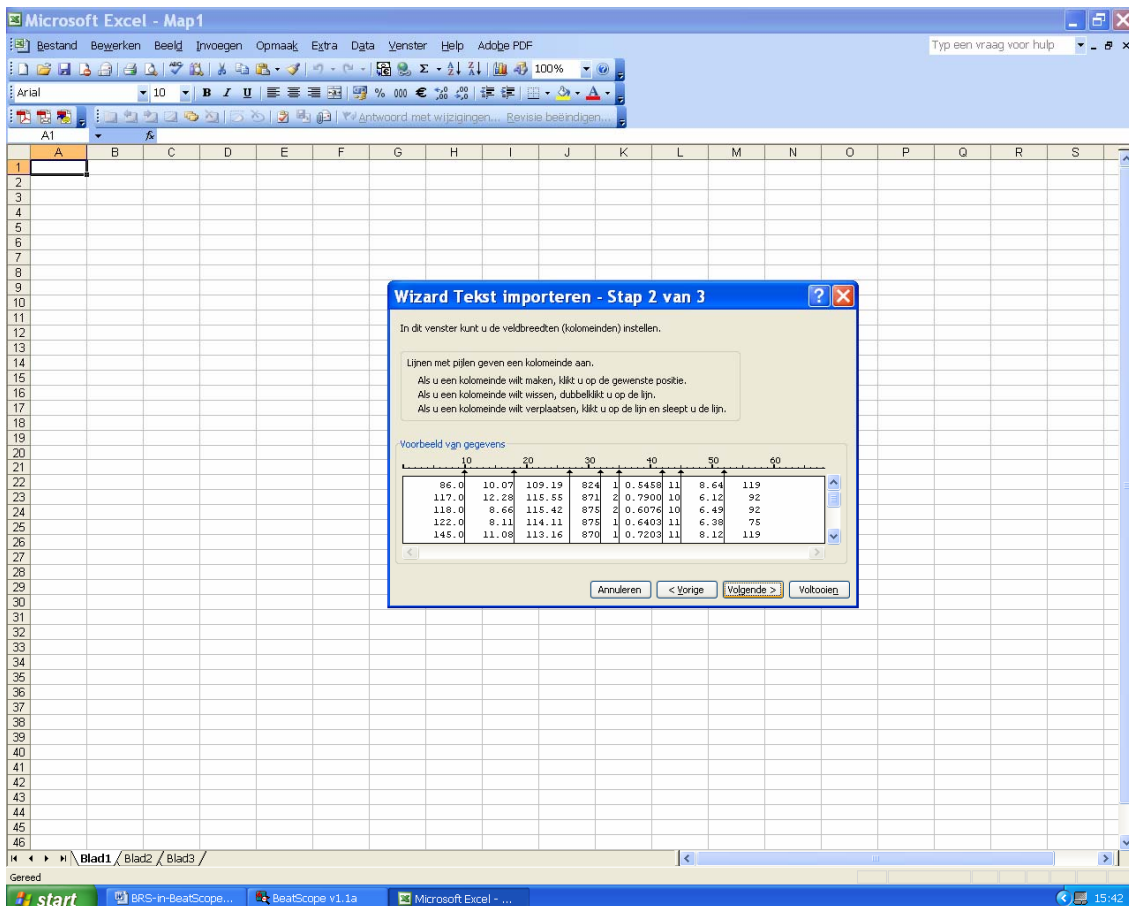
Select OK. The individual determinations of BRS in the measurement file are shown in the figure below. Top panel Col2 (=BRS) thick line. Lower panel: stars show successive BRS values.



Further statistical analysis can be done within Beatscope.







Microsoft Excel - FMEXAMPL.BRS

Bestand Bewerken Beeld Invoegen Opmaak Extra Data Venster Help Typ een vraag voor hulp

Arial 10

Antwoord met wijzigingen... Revisie beëindigen...

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	86	10.07	109.19	824	1	0.5458	11	8.64	119										
2	117	12.28	115.55	871	2	0.79	10	6.12	92										
3	118	8.66	115.42	875	2	0.6076	10	6.49	92										
4	122	8.11	114.11	875	1	0.6403	11	6.38	75										
5	145	11.08	113.16	870	1	0.7203	11	8.12	119										
6	146	12.28	113.49	871	2	0.7443	10	8.12	119										
7	147	8.86	112.42	867	1	0.7567	11	12.76	119										
8	148	9.76	111.86	864	1	0.8325	11	12.76	119										
9	149	8.98	111.4	861	1	0.7802	11	12.76	119										
10	150	10.54	110.74	862	0	0.813	12	12.57	119										
11	151	11.5	109.96	857	0	0.7864	12	10.51	119										
12	152	11.48	109.53	852	0	0.7091	12	9.64	104										
13	153	12.15	109.14	847	0	0.6052	12	6.41	88										
14	154	11.05	109.06	844	0	0.5591	12	5.99	81										
15	155	10.05	108.82	840	0	0.5507	12	5.99	79										
16	187	7.28	114.21	850	0	0.6193	12	14.32	119										
17	191	11.3	112.14	832	3	0.8216	9	5.81	70										
18	192	11.3	112.1	832	3	0.8021	9	5.81	70										
19	193	9.72	111.82	830	3	0.7017	9	5.81	67										
20	200	5.73	114.9	810	1	0.5475	11	11.43	97										
21	202	6.74	115.66	814	1	0.6661	11	11.43	97										
22	203	6.59	115.54	813	1	0.6515	11	11.43	97										
23	204	6.45	115.25	809	1	0.6522	11	11.43	97										
24	205	5.62	114.41	802	1	0.7028	11	11.43	82										
25	206	5.45	113.61	796	1	0.7213	11	11.43	82										
26	207	5.36	113.2	796	1	0.7578	11	11.43	82										
27	208	4.84	113.85	801	1	0.7159	11	10.89	68										
28	210	6.3	115.11	816	0	0.6934	12	14.91	112										
29	211	8.75	114.75	825	1	0.7798	11	14.91	144										
30	212	8.19	115.28	827	1	0.75	11	14.91	144										
31	213	8.07	114.8	826	1	0.737	11	14.91	144										
32	214	8.19	114.39	825	1	0.7488	11	14.91	144										
33	215	8.34	114.26	824	1	0.7628	11	14.91	144										
34	216	8.45	114.27	824	1	0.766	11	14.81	144										
35	217	7.61	113.8	823	1	0.781	11	19.54	156										
36	218	7.27	112.96	818	1	0.8253	11	22.45	176										
37	242	4.63	114.65	764	2	0.8069	10	23.87	102										
38	243	4.18	114.83	768	2	0.7444	10	23.87	102										
39	248	7	113.68	796	0	0.8022	12	11.76	106										
40	330	8.17	123.34	794	1	0.7377	11	12.2	119										
41	331	7.58	124.41	802	1	0.8066	11	15.47	119										
42	332	6.98	125.43	804	1	0.7608	11	15.47	119										
43	333	7	125.17	803	1	0.7581	11	15.47	119										
44	334	7	125.06	803	1	0.7674	11	15.47	119										
45	335	7.38	125.27	801	1	0.7985	11	15.47	119										
46	336	7.39	125.21	799	1	0.7921	11	15.47	119										

Gereed

start BRS-in-BeatScope... BeatScope v1.1a Microsoft Excel - ... 15:43

Col1 (A) = time in sec since start of measurement
 Col2 (B) = BRS
 Col3 (C) = Mid Pressure (MP)
 Col4 (D) = Mid Interval (MI)
 Col5 (E) = tau (shift parameter)
 Col6 (F) = R^2 (coefficient of determination, range 0-1)
 Col7 (G) = $xx = 12 - \tau$
 Col8 (H) = delta P (delta systolic)
 Col9 (I) = delta I (delta interval)

Finally, the file fmexempl.smm (excel format) contains the pulserate variability histogram plus pulse rate variability indices. Also the BRS histogram and parameters are part of this file.

Amsterdam, oktober 2005