

Attention Nevrokard HRV software users!

Nevrokard has released the “aHRV” version of their HRV analysis software. The aHRV version software has two very significant new features we would like to highlight here. These new features are for managing both the HRV input data and the output data (analysis results). These new features are only available in this new version!

The **Export Results** utility enables the users to save selected analysis results to an Excel (CSV) spreadsheet file. The analysis results are saved in groups and are both automatically and sequentially appended to selected Excel Results file(s).

This is a great new feature!!

Export Results Settings

ENABLE Excel CSV File: **C:\Program Files\Nevrokard\HRV\RRR\samples\test.CSV** **Modify**

Select Results for Save/Append to Excel file Automatic Export on Exit Column Labels Visible **Select All**

FILE INFO

File Name Duration Time range Recorded (date) Analysed (date)

SUMMARY STATISTICS

No. of Samples Range 95 % Conf. Interval Variance RMSSD No. of Segments
 Maximum Mean of NN 99 % Conf. Interval Std. Dev. (SDNN) NN50 Count SDANN
 Minimum Mean of dNN (MSD) lnHRV Std. Err. (SE) pNN50 SDNN Index
 Max./Min. Median Coef. of Variance SDSD Segment Length SDASD

HISTOGRAM

Variability Index Dispersion Skewness Kurtosis Uncertainty Mode

POINCARÉ PLOT

SD1 (ms) SD1 (n.u.) SD1/SD2 dRRr (ms) dRRr (n.u.) Ellipse Area
 SD2 (ms) SD2 (n.u.) CSI dRRr (ms) dRRr/dRRr R²
 CVI dRRr (n.u.) Centroid SEE

AR SPECTRUM Note: If a frequency band is disabled, all check boxes for that band will be disabled

Ultra Low Frequency	Very Low Frequency	Low Frequency	High Frequency	Very High Frequency	
<input type="checkbox"/> ULF max. Freq (Hz)	<input type="checkbox"/> VLF max. Freq (Hz)	<input type="checkbox"/> LF max. Freq (Hz)	<input type="checkbox"/> HF max. Freq (Hz)	<input type="checkbox"/> VHF max. Freq (Hz)	<input type="checkbox"/> Total Power (ms ² /ms)
<input type="checkbox"/> ULF Power (ms ² /ms)	<input type="checkbox"/> VLF Power (ms ² /ms)	<input type="checkbox"/> LF Power (ms ² /ms)	<input type="checkbox"/> HF Power (ms ² /ms)	<input type="checkbox"/> VHF Power (ms ² /ms)	<input checked="" type="checkbox"/> Total Power (n.u.)
<input type="checkbox"/> ULF Power (n.u.)	<input checked="" type="checkbox"/> VLF Power (n.u.)	<input checked="" type="checkbox"/> LF Power (n.u.)	<input checked="" type="checkbox"/> HF Power (n.u.)	<input type="checkbox"/> VHF Power (n.u.)	<input checked="" type="checkbox"/> LF/HF
<input type="checkbox"/> ULF Power (%)	<input type="checkbox"/> VLF Power (%)	<input type="checkbox"/> LF Power (%)	<input type="checkbox"/> HF Power (%)	<input type="checkbox"/> VHF Power (%)	<input type="checkbox"/> LF/(LF+HF)
					<input type="checkbox"/> HF/(LF+HF)
					<input checked="" type="checkbox"/> CCVLF <input checked="" type="checkbox"/> CCVHF

FFT SPECTRUM Note: If a frequency band is disabled, all check boxes for that band will be disabled

Ultra Low Frequency	Very Low Frequency	Low Frequency	High Frequency	Very High Frequency	
<input type="checkbox"/> ULF max. Freq (Hz)	<input type="checkbox"/> VLF max. Freq (Hz)	<input type="checkbox"/> LF max. Freq (Hz)	<input type="checkbox"/> HF max. Freq (Hz)	<input type="checkbox"/> VHF max. Freq (Hz)	<input type="checkbox"/> Total Power (ms ² /ms)
<input type="checkbox"/> ULF Power (ms ² /ms)	<input type="checkbox"/> VLF Power (ms ² /ms)	<input type="checkbox"/> LF Power (ms ² /ms)	<input type="checkbox"/> HF Power (ms ² /ms)	<input type="checkbox"/> VHF Power (ms ² /ms)	<input checked="" type="checkbox"/> Total Power (n.u.)
<input type="checkbox"/> ULF Power (n.u.)	<input checked="" type="checkbox"/> VLF Power (n.u.)	<input checked="" type="checkbox"/> LF Power (n.u.)	<input checked="" type="checkbox"/> HF Power (n.u.)	<input type="checkbox"/> VHF Power (n.u.)	<input checked="" type="checkbox"/> LF/HF
<input type="checkbox"/> ULF Power (%)	<input type="checkbox"/> VLF Power (%)	<input type="checkbox"/> LF Power (%)	<input type="checkbox"/> HF Power (%)	<input type="checkbox"/> VHF Power (%)	<input type="checkbox"/> LF/(LF+HF)
					<input type="checkbox"/> HF/(LF+HF)
					<input checked="" type="checkbox"/> CCVLF <input checked="" type="checkbox"/> CCVHF

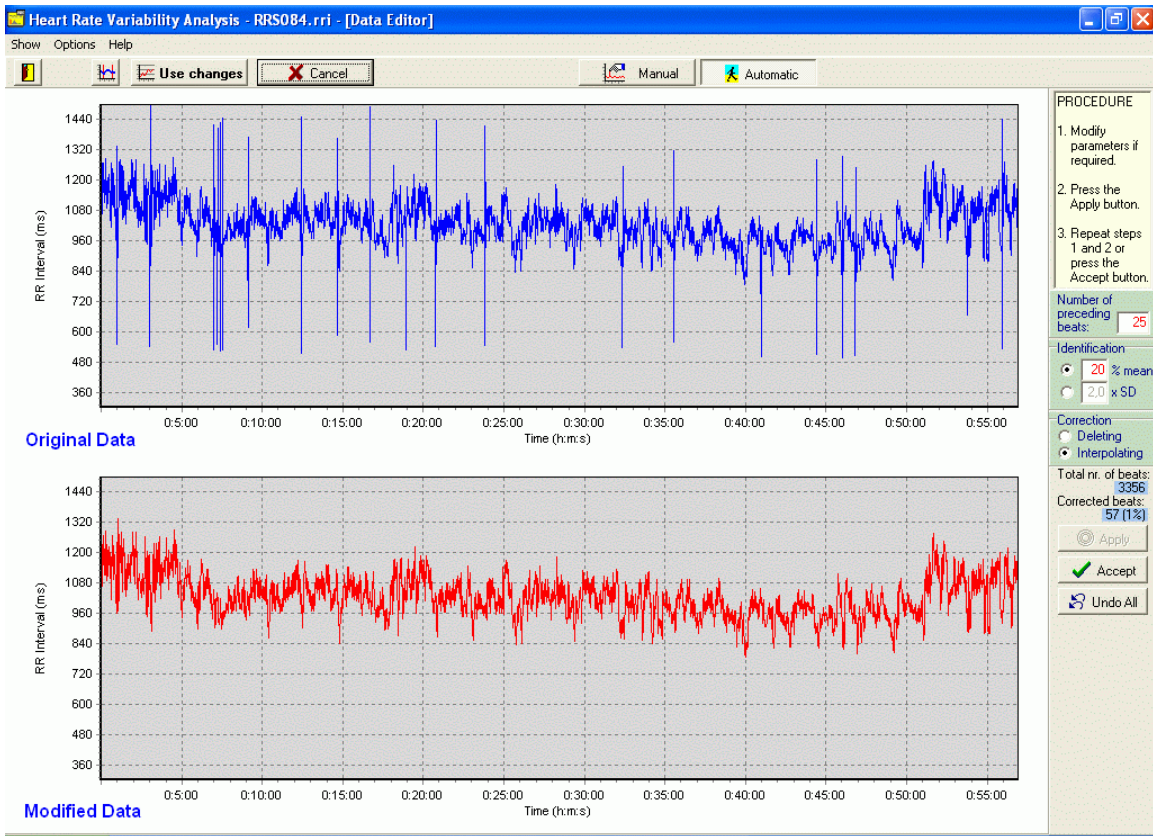
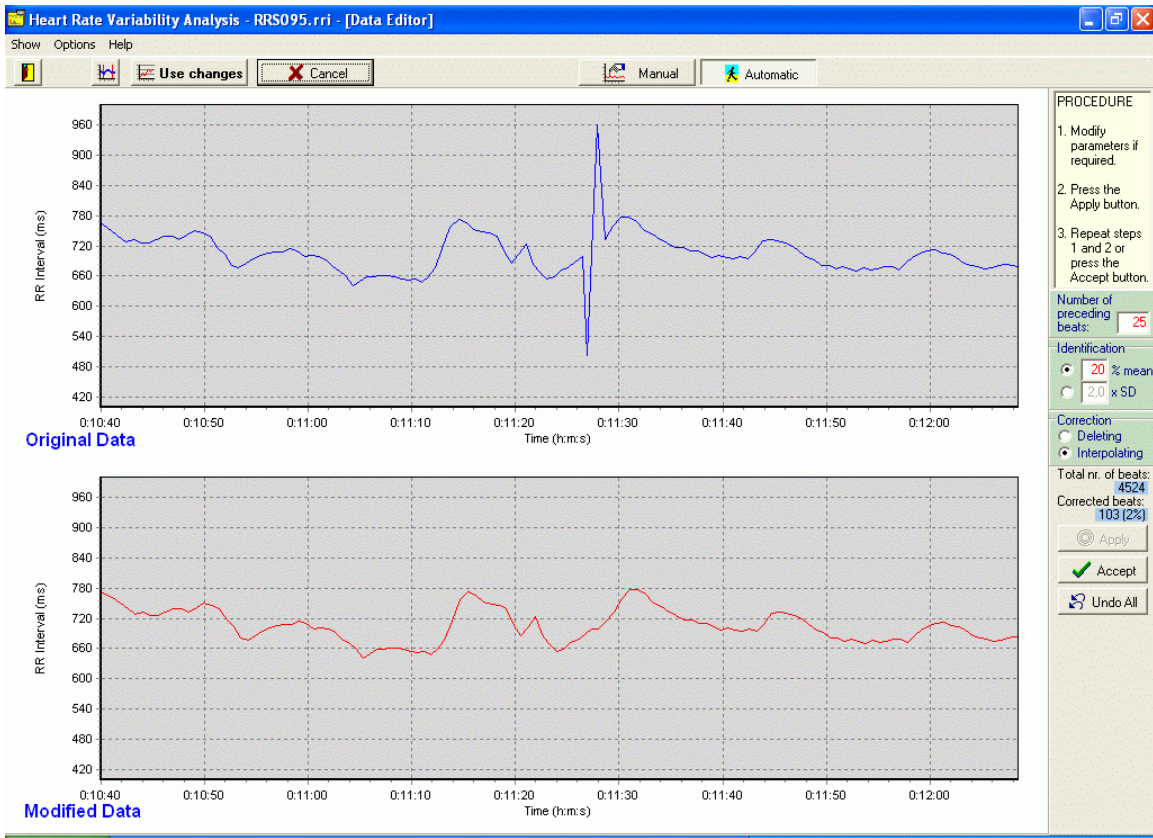
Warning: If an analysis is not performed, results of that analysis will not be exported. **OK** **Cancel**

Another feature we feel is great new addition is the option of automatic editing using user specified criteria. This feature alone can save many hours of editing if your data consistently contains artifacts. There are several example window screens that follow on the next page.

If you have not tried the new aHRV program we recommend downloading and trying it as a demo from: <http://www.nevrokard.eu/maini/hrv.html>

Note: the current HRV program dongles are not functional for the new aHRV program. The aHRV program requires purchasing an upgrade dongle for \$750 USD (current HRV licensed users only!). This is a great offer in that you are able to keep your original HRV dongle as you will receive a new dongle with the aHRV license!

This offer is only available through March 31, 2008!



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