Key of terms to identify data sets and variable in data sets

Term	Where is it used	Definition
0.4 Hz pulse	In the name of data files	Designates 0.4-0.2 Hz pulse data from laser doppler
2N or 4N	In the name of a data files	Designates if the data is from animals exposed to 2N or 4N
CPT	In the name of a data file	Designates data from the current perception threshold test
ACh or PE_microvessel	In the name of a data file	Designates data collected from microvessels treated with acetylcholine (ACh) or phenylephrine (PE)
Body weights	In the name of a data file	Designates body weight data (g)
Pre_exposure	In the name of a data file	All data were collected prior to the exposure on a given day
doppler	In the name of a data file	Data was collected using laser doppler and is reported in average perfusion units (PUs)
Pre-post	In the name of a data file	Data in the file include pre-exposure – post-exposure measures (CPTs, doppler)
Randall_selitto	In the name of a data file	Pressure sensitivity day collected using the Randall_Sellito pressure meter.
animal	Column name in files	Animal number
condition	Column name in files	Column name in files designating condition of 2N (2), 4N (4) or control (0)
Amplitude or width 0.4 Hz_peak pre_day (day of exposure)	Column name in files	Designates the amplitude or width of the 0.4 – 0.2 Hz peak in the laser doppler data that was collected prior to the exposure on days 1,5 and 10. The amplitude was the measure of the highest portion of the peak or curve and the width was where the peak started to where it ended using measures calculated by area under the curve.
Average pre or post_doppler_(number)	Column name in files	Designated whether the laser doppler measures (in perfusion units or PUs) were collected pre or post exposure_ and the day they were collected on (1, 5 or 10)
Pre or post or pre-post_(frequency of CPT stimulus) in mAmp	Column name in files	Designates that the measure was collected either pre- or post-

		exposure to pressure, or was the difference pre-post exposure_the frequency of the CPT (2000, 250 or 5 Hz) and that the response was collected in mAmps
baseline	Column name in file	Baseline diameter (μm) of an artery in the microvessel chamber.
%of baseline diameter (e.g.-10)	Column name in files	The percent diameter of a microvessel from baseline after treatment with phenylephrine or acetylcholine (number is log dose of the drug)
Diameter after constriction	Column name in files	In the ACh file, designates the diameter (μm) of the artery after pre-constriction with phenylephrine
Body weight	Column names in file	The body weight of an animal (g) on a specific day of the exposure
Day	Column name in file	Day of the exposure
Pre-exposure_(frequency of CPT)	Column name in CPT files	Designates that the measures were collected pre-exposure at 2000, 250 or 5 Hz stimulation frequency. The response data were collected in mAMP
Pre, post or pre-post_exposure randall_selitto (g)	Column name in Randall_Selitto files	Indicates whether the data were collected pre- or post- exposure, or if they are the difference between the pre and post-exposure measures. Data are in (g)

Definitions used to describe data set names and variables in the data sets