Transfer function study

**What is this?**

We want to work out the SphygmoCor transfer function.

Using Pete’s TF applied to the normotensive dataset

Comparing Pete’s TF (TF) to SphygmoCor’s TF (SphygmoCor):



We have compared SBP errors (mean +/- SD) for the entire normotensive dataset:

* Pete’s TF against SphygmoCor’s TF = -1.58 +/- 2.25
* Pete’s TF agasint the carotid pressure waveform = -5.76 +/- 5.09

TF updated to work with Carotid input signal

We have compared SBP errors (mean +/- SD) for:

* Normotensive: = 0.36 +/- 0.89
* Hypertensive: = 0.71 +/- 1.51
* 55-artery (1-D): = -0.74 +/- 1.78