















Reference to the results folder:

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myMainScript_02.png: All Pointsets aligned with Mean: Page 2

myMainScript_03.png: Variances (Eigenvalues): Page 3

myMainScript_04.png: Modes of Variation: Along first 3 modes of variation: Page 4

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Each .mat file contains one variable image which can be shown using imshow.

In the modes of variation plot (page 4) we observe the following;

- The 1st mode of variation relates to alignment of the tips of the leaf, +3 sqrt(lambda) corresponds to the tips being aligned and -3 sqrt(lambda) corresponds to tips being misaligned. It also relates to the sharpness of the bottom tip of the leaf. +3 sqrt(lambda) corresponds to the tip being broad and -3 sqrt(lambda) corresponds to tip being narrow.
- The 2nd mode of variation again relates to a similar alignment of tips.
- The 3rd mode of variation doesn't reflect much as its eigenvalue is itself small.