**bevir**

README file last updated by Christopher Piecuch, cpiecuch-at-whoi-dot-edu, Wed Jan 26 2022

**Basic description**

A Bayesian Errors-in-Variables Isotonic Regression (with application to sea-level index points)

**Contents**

Text files

* *Copyright*: copyright statement
* *License*: license statement

Word files

* *README*: this document

PDF files

* *bevirExplainer*: Document explaining and motivating the model

MATLAB .m scripts

* *bevir.m*: Main code
* *randraw.m*: Draw random number

**Usage notes:**

This code should be self-contained and run “out of the box.” Just type: [Y,T,ALPHA,BETA,GAMMA2]=bevir;

into your Matlab workspace and it should run in a matter of seconds