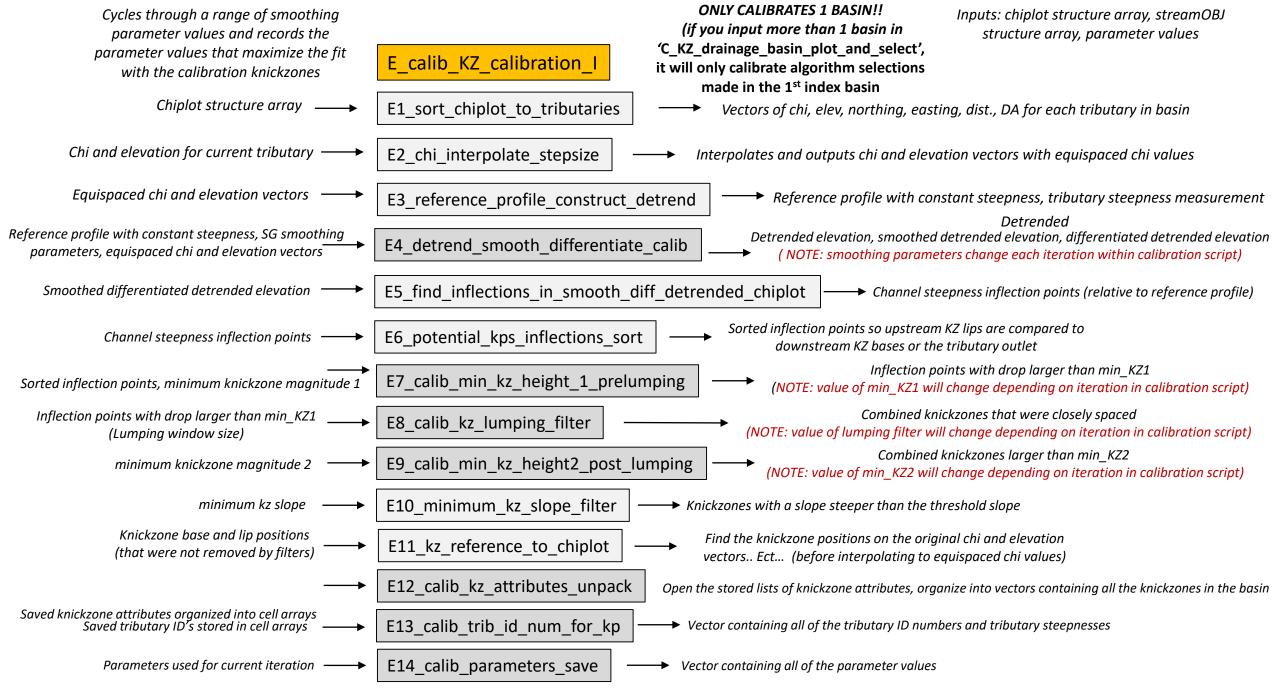
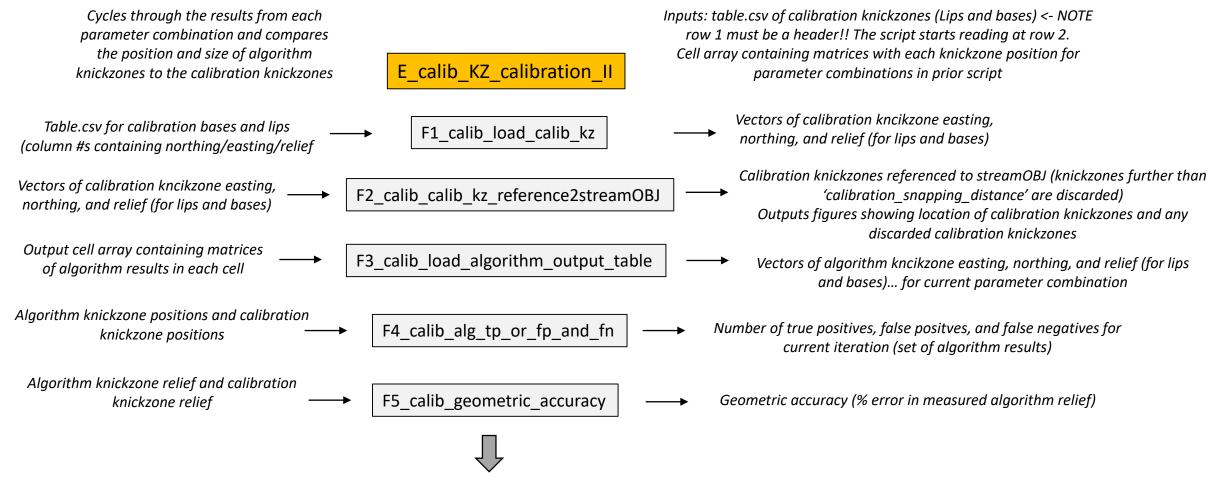


- **Outputs:** database tables with knickzone position, geometry, and basin topometrics for each basin {i}. These can be used to plot knickzone position in arcmap or generate histograms of knickzone elevation.. Chi ect...
- Long profiles and chiplots with knickzones plotted (preliminary)
- I want to output shapefiles with the tributary long profiles. This would be really nice to view in arcmap.





Measured R,S,G for all parameter combinations.

Maximized R,S,G parameter combination is indexed out and recorded

Maximized R,S parameter combination is indexed out and recorded (only weights spatial accuracy of selections)

Generates figures showing parameter sensitivity and best fit parameter results

Inputs: table.csv of calibration knickzones (Lips ONLY) <- NOTE row 1 Used because takes a lot longer to record Calib. Bases. Cycles through the results from each must be a header!! The script starts reading at row 2. (Quicker but maybe less accurate calibration) parameter combination and compares Cell array containing matrices with each knickzone position for the position ONLY of algorithm knickzones E_calib_KZ_calibration_II_only_calib_lips parameter combinations in prior script and calibration knickzones Vectors of calibration kncikzone easting, Table.csv for calibration bases and lips F1_calib_load_calib_kz northing, and relief (for lips and bases) (column #s containing northing/easting/relief Same as slide 3 but only with lips F2 calib calib kz reference2streamOBJ only calib lips Same as slide 3 but only with lips Output cell array containing matrices F3 calib load algorithm output table Vectors of algorithm kncikzone easting, northing, and relief (for lips of algorithm results in each cell (only lips though ONLY)... for current parameter combination Algorithm knickzone positions and calibration Number of true positives, false positives, and false negatives for F4_calib_alg_tp_or_fp_and_fn knickzone positions current iteration (set of algorithm results)

Maximized R,S parameter combination is indexed out and recorded (only weights spatial accuracy of selections)

Generates figures showing parameter sensitivity and best fit parameter results

(NOTE because there are no calibration bases, we can't measure G or the accuracy of base selections)