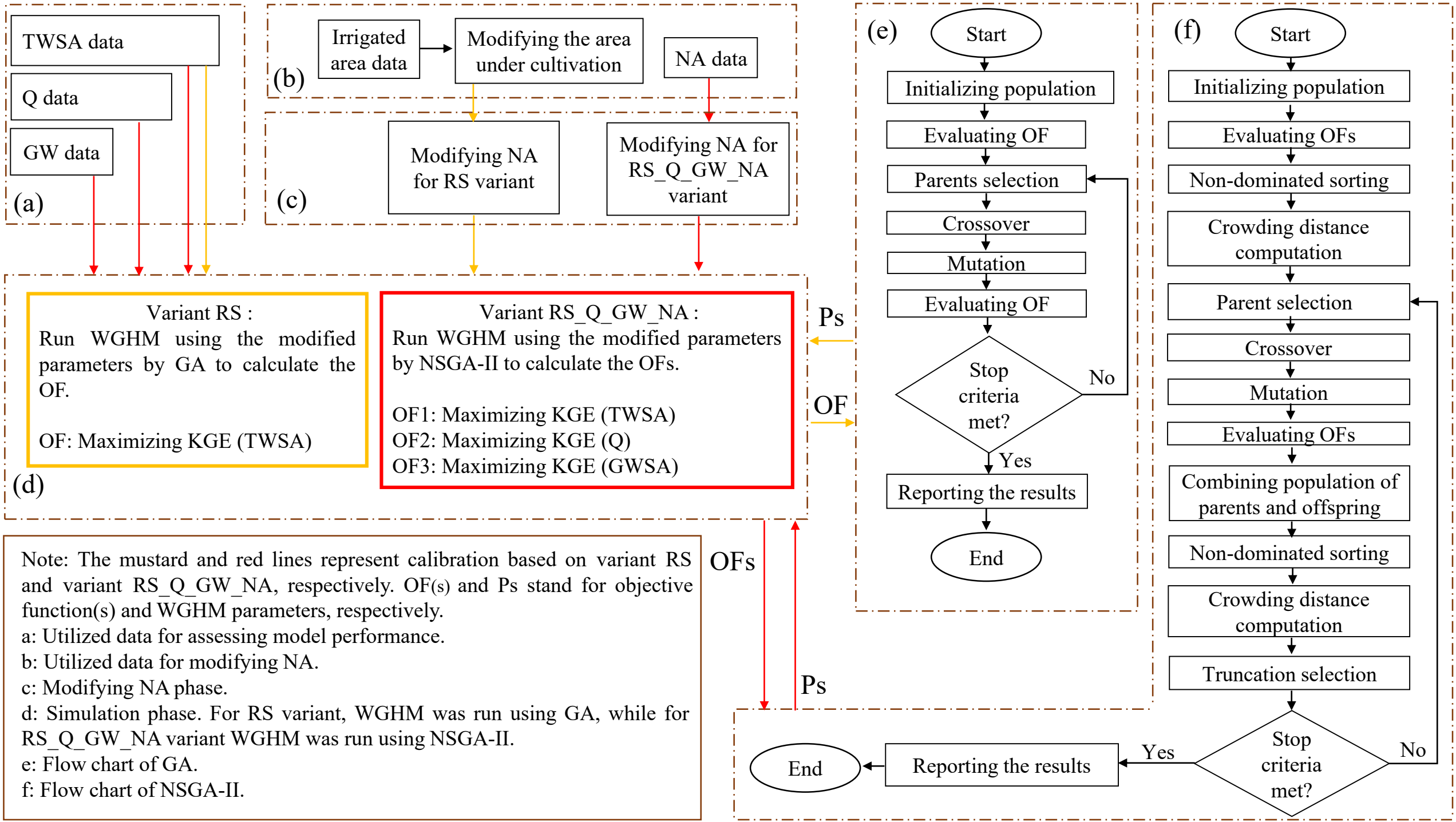

Note: The mustard and red lines represent calibration based on variant RS and variant RS_Q_GW_NA, respectively. OF(s) and Ps stand for objective function(s) and WGHM parameters, respectively.
a: Utilized data for assessing model performance.
b: Utilized data for modifying NA.
c: Modifying NA phase.
d: Simulation phase. For RS variant, WGHM was run using GA, while for RS_Q_GW_NA variant WGHM was run using NSGA-II.
e: Flow chart of GA.
f: Flow chart of NSGA-II.