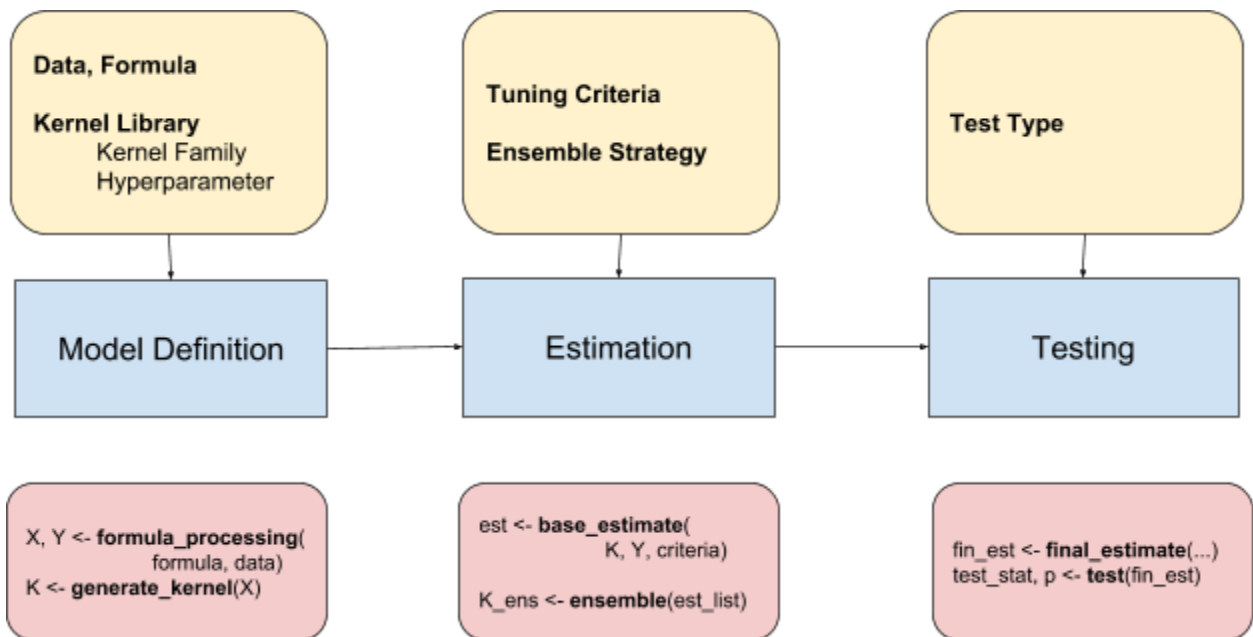


## General Procedure



## Container Object

data	<b>X</b> (list of matrix, $n \times p$ ), <b>Y</b> (vector, $n \times 1$ )
library	<b>K</b> (k list of $n \times n$ matrix) <b>alpha</b> (k list of $n \times 1$ vector), <b>beta</b> (k list of $p \times 1$ vector) <b>lambda</b> (k list of numeric)
ensemble	<b>E</b> ( $n \times k$ matrix of numeric) base model residual <b>w</b> (vector, $k \times 1$ ) base model weight  <b>K_ens</b> ( $n \times n$ matrix of numeric) <b>alpha_ens</b> , <b>beta_ens</b> ( $n \times 1 / p \times 1$ vector) <b>lambda_ens</b> (scaler of numeric)
test	<b>sigma_ens</b> , <b>tau_ens</b> (numeric) final model estimates  <b>test_stat</b> (numeric) <b>null_dist</b> ( $2 \times 1$ vector of numeric) scale and shape of Satterthwaite approximation, OR ( $B \times 1$ vector of numeric) bootstrap samples <b>p_val</b> (numeric)