All symbols are the same as those in the paper. Black color is used to denote measured data (a part from flow velocity *U*1 that was estimated as described in the paper). Red is used to denote parameters that are computed using measured data (e. g. flow velocity *U*0 is computed as the measured flow rate *Q*0 divided by flume width (0.3 m) and measured flow depth *Y*0). Cyan is used to denote the results of the theoretical model and Green is used to denote the computed relative errors.