Score	Ratio	Range	Perfect score	Characteristics
Bias (BIAS)	$\frac{n_1+n_2}{n_1+n_3}$	$[0, +\infty)$	1	Measures the overestimation (BIAS > 1) and underestimation (BIAS < 1) of the model.
False alarm ratio (FAR)	$\frac{n_2}{n_1+n_2}$	$[0, 1]$	0	Fraction of flooded pixels that were actually observed to be dry. Ignores misses.
Probability of detection (POD)	$\frac{n_1}{n_1+n_3}$	$[0, 1]$	1	Proportion of flooded cells intersected by the model. Ignores false alarms.
Critical success index (CSI)	$\frac{n_1}{n_1+n_2+n_3}$	$[0, 1]$	1	Counts the number of correct flooded cells, while penalising overestimation (false alarms) and underestimation (misses).