

	PERSIANN	PERSIANN-CCS	PERSIANN-CDR
Primary input data	GEO longwave infrared images (10.2–11.2 $\mu\text{m}$ )	GEO longwave infrared images (10.2–11.2 $\mu\text{m}$ )	ISCCP-B1 GEO satellite infrared gridded data
Data for training of the model (parameter estimation)	LEO passive microwave information	LEO passive microwave information	NCEP Stage IV precipitation data ( $0.04^\circ \times 0.04^\circ$ )
Use of passive microwave (PMW) data	Yes	No	No
Batch mode (fixed parameters) vs. Recursive mode (non-fixed parameters)	Recursive mode (non-fixed parameters)	Batch mode (fixed parameters)	Batch mode (fixed parameters)
Bias correction	No	No	Yes
Data used for bias correction	–	–	GPCP monthly precipitation data ( $2.5^\circ \times 2.5^\circ$ )