

No.	Usage	Input 1	Input 2	Input 3	Input 4	Input 5	Input 6
R1	Training	SM at 45 km	NDVI at 45 km	NDVI at 9 km for target pixel	–	–	–
	Retrieval	SM at 11.25 km	NDVI at 11.25 km	NDVI at 2.25 km for target pixel	–	–	–
R2	Training	SM at 45 km	NDVI at 45 km	NDVI at 9 km for target pixel	$\sigma_{\text{NDVI}}$ at 45 km for all pixels at 9 km	–	–
	Retrieval	SM at 11.25 km	NDVI at 11.25 km	NDVI at 2.25 km for target pixel	$\sigma_{\text{NDVI}}$ at 11.25 km for all pixels at 2.25 km	–	–
R3	Training	SM at 45 km	NDVI at 45 km	NDVI at 9 km for target pixel	TI at 45 km	TI at 9 km for target pixel	–
	Retrieval	SM at 11.25 km	NDVI at 11.25 km	NDVI at 2.25 km for target pixel	TI at 11.25 km	TI at 2.25 km for target pixel	–
R4	Training	SM at 45 km	NDVI at 45 km	NDVI at 9 km for target pixel	TI at 45 km	TI at 9 km for target pixel	$\sigma_{\text{NDVI}}$ at 45 km for all pixels at 9 km
	Retrieval	SM at 11.25 km	NDVI at 11.25 km	NDVI at 2.25 km for target pixel	TI at 11.25 km	TI at 2.25 km for target pixel	$\sigma_{\text{NDVI}}$ at 11.25 km for all pixels at 2.25 km