

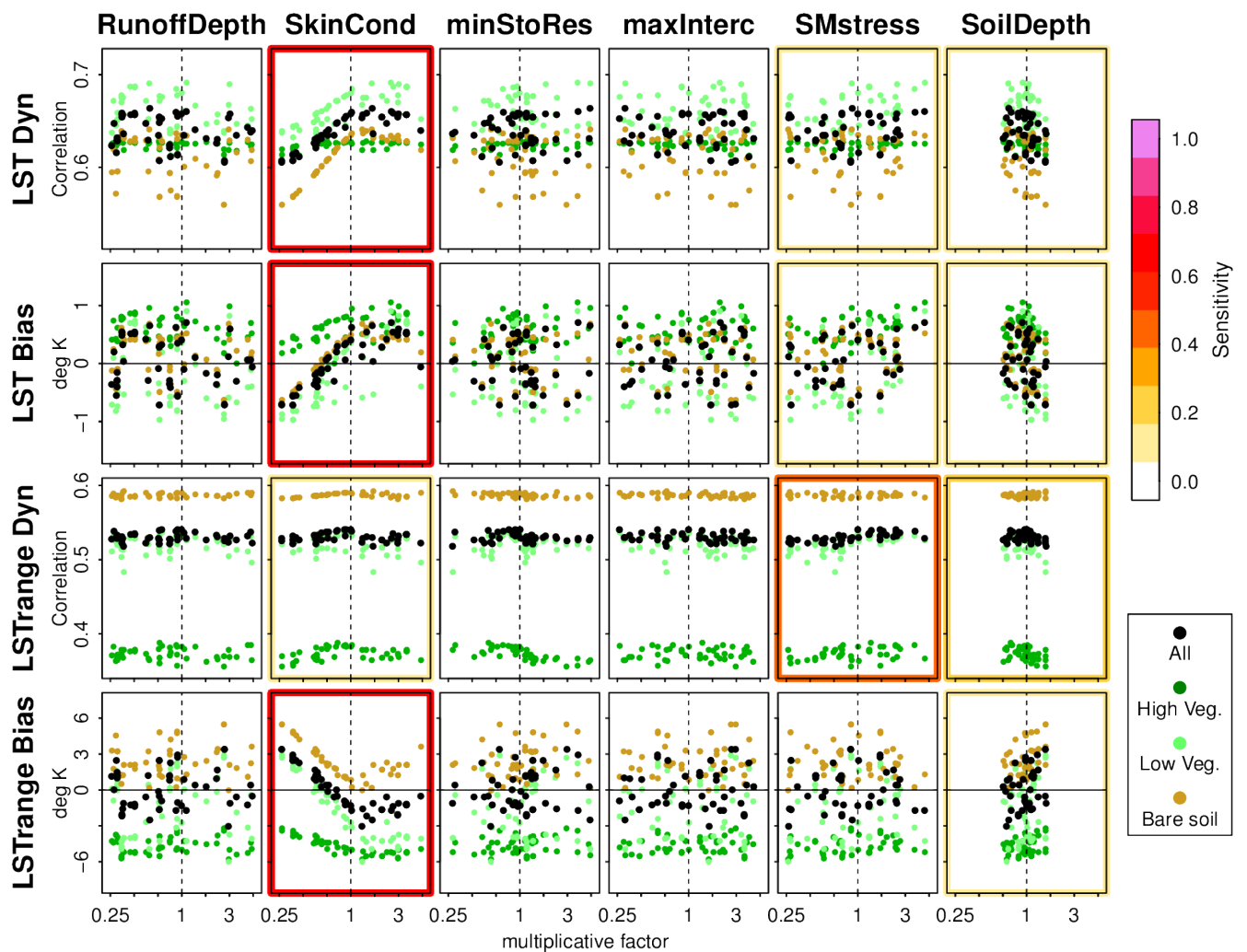
1 Advancing land surface model development with  
2 satellite-based Earth observations

3 Rene Orth, Emanuel Dutra, Isabel F. Trigo, and Gianpaolo Balsamo

4

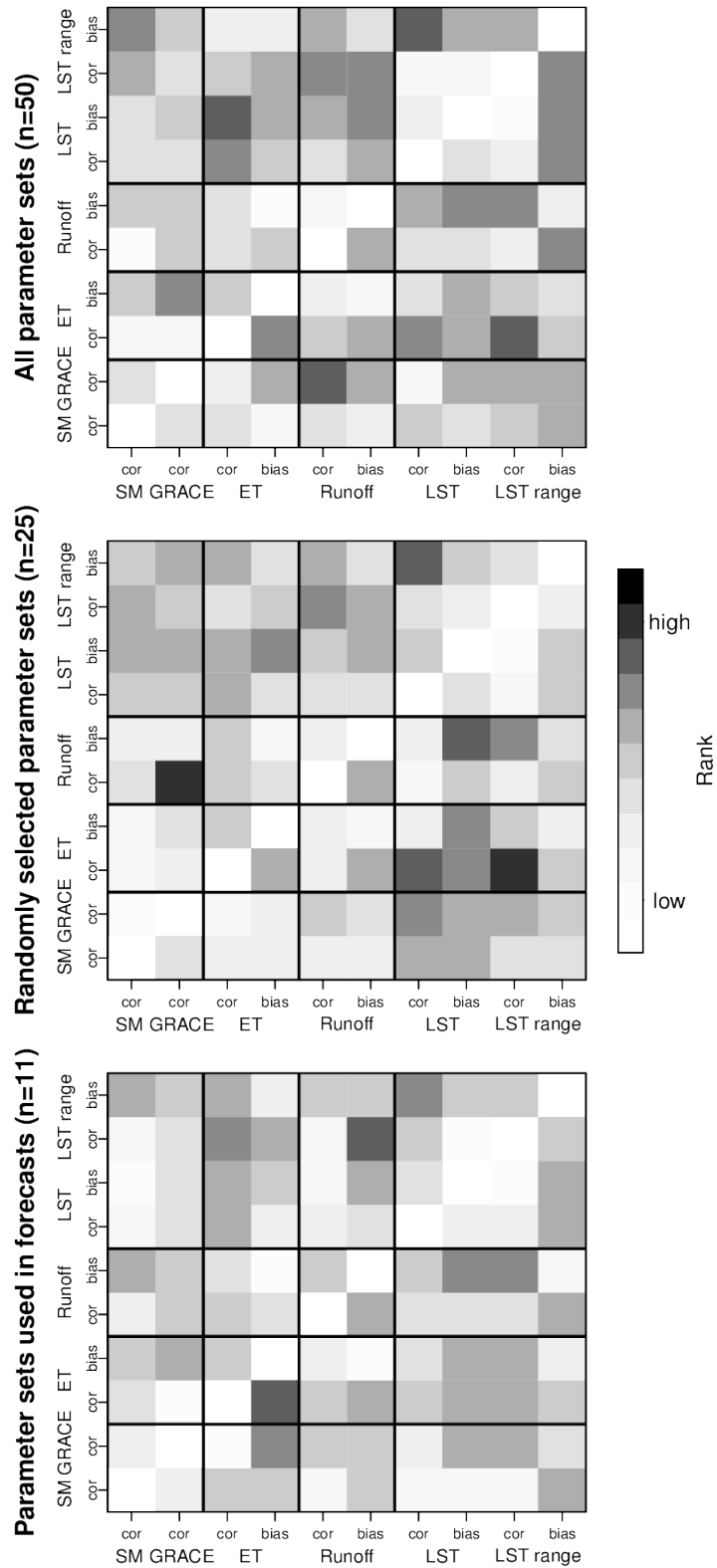
5

## SUPPLEMENTARY MATERIAL

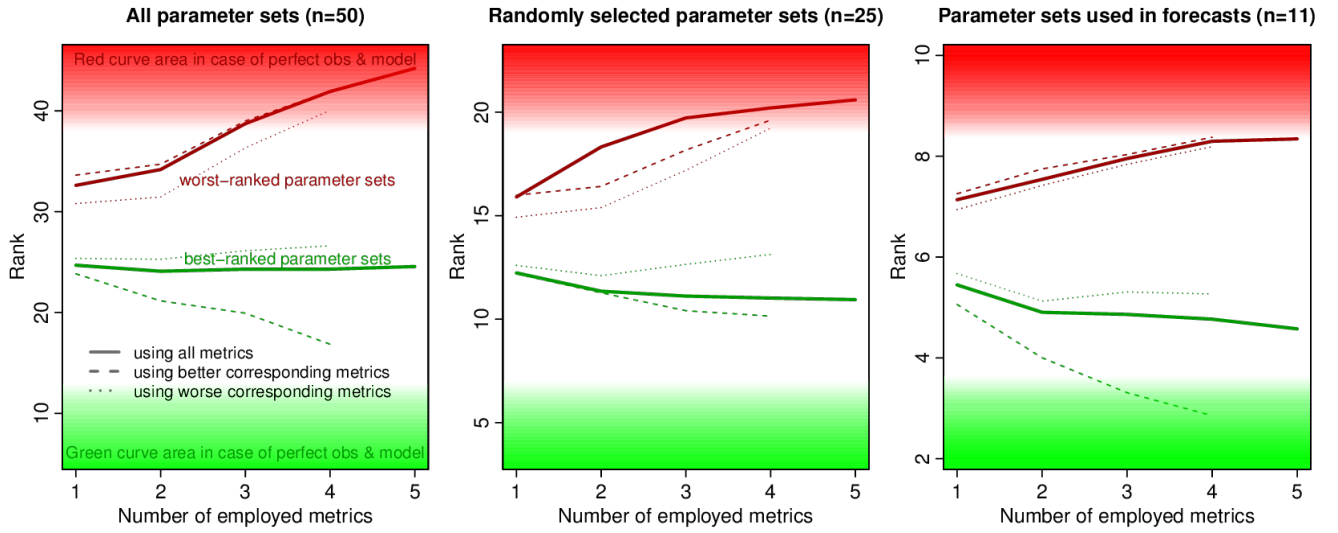


6 *Figure S1: As in the lower part of Figure 2, but for the entire domain displayed in*

7 *Figure 1, including the bare soil areas in Africa.*



8 Figure S2: As in Figure 3, but for different sets of considered parameter sets.



9 *Figure S3: As in Figure 4 but for different sets of considered parameter sets.*