

|           |      | 2 m temperature ( $^{\circ}\text{C}$ ) |       |      |      | 10 m wind speed ( $\text{m s}^{-1}$ ) |      |      |      | Surface pressure (hPa) |      |       |  |
|-----------|------|--|-------|------|------|---------------------------------------|------|------|------|------------------------|------|-------|--|
| Mechanism | $R$  | MB                                     | NMB   | RMSE | $R$  | MB                                    | NMB  | RMSE | $R$  | MB                     | NMB  | RMSE  |  |
| CM        | 0.66 | -0.59                                  | -0.02 | 2.73 | 0.47 | 1.76                                  | 1.28 | 2.77 | 0.88 | 3.46                   | 0.01 | 12.18 |  |
| MM        | 0.66 | -0.76                                  | -0.03 | 2.78 | 0.47 | 1.83                                  | 1.32 | 2.82 | 0.87 | 3.67                   | 0.01 | 12.08 |  |
| RMS       | 0.67 | -0.63                                  | -0.02 | 2.72 | 0.46 | 1.71                                  | 1.26 | 2.74 | 0.87 | 3.41                   | 0.01 | 12.24 |  |