ERRATUM



Erratum to: An extreme learning machine model for the simulation of monthly mean streamflow water level in eastern Queensland

Ravinesh C. Deo · Mehmet Şahin

Published online: 7 March 2016 © Springer International Publishing Switzerland 2016

Erratum to: Environ Monit Assess DOI 10.1007/s10661-016-5094-9

The accepted version of Table 6 for this published online article contained an error.

The corrected Table 6 is shown in the next page.

The online version of the original article can be found at http://dx. doi.org/10.1007/s10661-016-5094-9.

R. C. Deo (🖂)

School of Agricultural Computational and Environmental Sciences, International Centre of Applied Climate Science (ICACS), University of Southern Queensland, Springfield, QLD 4300, Australia

e-mail: ravinesh.deo@usq.edu.au

M. Şahin

Department of Electrical and Electronics Engineering, Siirt University, 56100 Siirt, Turkey

| Station | ELM | | | | | ANN | | | | |
|---------------------|-------------|--------------|--------------|-----------------------|---------|-------|-------|--------------|-----------------------|---------|
| | R^2 | d | $E_{\rm NS}$ | P_{dv} (%) | MAE (m) | R^2 | d | $E_{\rm NS}$ | P_{dv} (%) | MAE (m) |
| Optimum Model | | | | | | | | | | |
| Gowrie Creek | 0.964 | 0.968 | 0.963 | 1.993 | 0.053 | 0.732 | 0.802 | 0.698 | 18.080 | 0.144 |
| Albert River | 0.957 | 0.962 | 0.955 | -0.091 | 0.023 | 0.830 | 0.863 | 0.816 | -5.527 | 0.049 |
| Mary River | 0.990 | 0.986 | 0.989 | 0.372 | 0.079 | 0.892 | 0.855 | 0.891 | -0.254 | 0.249 |
| Trial Model with o | nly rainfal | l and mont | h as inputs | | | | | | | |
| Gowrie Creek | 0.781 | 0.802 | 0.691 | 4.918 | 0.128 | 0.723 | 0.773 | 0.656 | 18.389 | 0.149 |
| Albert River | 0.685 | 0.537 | 0.617 | -3.503 | 0.072 | 0.571 | 0.588 | -0.312 | 7.500 | 0.145 |
| Mary River | 0.910 | 0.870 | 0.909 | 0.016 | 0.227 | 0.823 | 0.776 | 0.800 | 1.555 | 0.312 |
| Trial Model all nin | e inputs (n | o prior sele | ection) | | | | | | | |
| Gowrie Creek | 0.732 | 0.809 | 0.698 | 18.080 | 0.144 | | | | | |
| Albert River | 0.859 | 0.876 | 0.812 | 2.358 | 0.049 | | | | | |
| Mary River | 0.928 | 0.903 | 0.926 | 4.178 | 0.222 | | | | | |

Table 6 The model performance based on coefficient of determination (R^2), Willmott's index (d), Nash–Sutcliffe coefficient (E_{NS}), peak percentage deviation (P_{dv}) and mean absolute error (MAE) in the test period (2006–2012)

The optimum model was selected based on input combinations (x) and compared with an equivalent ANN model