Table 3: Results of the linear models predicting the soil bioclimatic variables from the CHELSA air temperatures, per bioclimatic variable and groundwater situation. RMSE is the root-mean-square error, a measure of the accuracy of the predictions (lower values indicate higher accuracy).

| Variable | Groundwater | t | df | p | Pearson's r | RMSE (ºC) |
| --- | --- | --- | --- | --- | --- | --- |
| Annual range | Dry | 0.012 | 6 | 0.991 | 0.00 | 3.62 |
| Annual range | Waterlogged | -0.334 | 6 | 0.750 | -0.14 | 4.71 |
| Diurnal range | Dry | 0.016 | 6 | 0.988 | 0.01 | 3.09 |
| Diurnal range | Waterlogged | 1.354 | 6 | 0.225 | 0.48 | 4.62 |
| Summer max | Dry | 2.450 | 6 | 0.050 | 0.71 | 5.86 |
| Summer max | Waterlogged | 1.527 | 6 | 0.178 | 0.53 | 2.95 |
| Winter min | Dry | 5.115 | 6 | 0.002 | 0.90 | 4.04 |
| Winter min | Waterlogged | 3.809 | 6 | 0.009 | 0.84 | 4.82 |