Table 4. ANN Prediction Equations of the model

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| *A1* = 2.83994 -0.93997 P + 1.750908 T -0.3375 Rh |
| *A2* = 0.669594 + 1.133982 P + 0.920504 T -3.15984 Rh |
| *A3*= 0.28217 - 5.30229 P - 1.71685 T - 2.23958 Rh |
| *A4*= 2.156136 + 4.628453 P - 4.25897 T - 2.84179 Rh |
| *A5* = 1.524102 + 0.349226 P - 2.45992 T + 5.847645 Rh |
| *B1* = - 2.34544 $×\frac{e^{A\_{1}} -e^{-A\_{1}}}{e^{A\_{1}} + e^{-A\_{1}}}$ |
| *B2* = 2.83967 $×\frac{e^{A\_{2}} - e^{-A\_{2}}}{e^{A\_{2}} + e^{-A\_{2}}}$ |
| *B3* = 2.202405 $×\frac{e^{A\_{3}} - e^{-A\_{3}}}{e^{A\_{3}} + e^{-A\_{3}}}$ |
| *B4* = - 2.15364 $×\frac{e^{A\_{4}} - e^{-A\_{4}}}{e^{A\_{4}} + e^{-A\_{4}}}$ |
|  *B5* = 2.319992 $×\frac{e^{A\_{5}} -e^{-A\_{5}}}{e^{A\_{5}} + e^{-A\_{5}}}$ |
| *C1 =* -2.60774 *+ B1 + B2 + B3 + B4 + B5*  |
| *Dn* = $\frac{e^{C\_{1}} -e^{-C\_{1}}}{e^{C\_{1}} + e^{-C\_{1}}}$ |