

**Variates in file=(‘LakeYears for Zmix model.csv’)**

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LID = lake identifier; 1 is Crampton, 2 is East Long, 3 is Paul, 4 is Peter, 5 is Tuesday, 6 is Ward, 7 is West Long, 8 is Hummingbird.

Note Hummingbird is out of alphabetical order due to delays in finding the dataset.

Year = 4 digit year

Squarea = square root of lake area, m

Variates that are means for 15 July – 15 August:

Ztherm is thermocline depth, m

T.epi is epilimnion temperature, C

DOC is dissolved organic carbon concentration, mg C / L

PLoad is daily P input, mg P m<sup>-2</sup> d<sup>-1</sup>

Nday is the number of days sampled between 15 July and 15 August