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* You should state whether an appropriate sample size was computed when the study was being designed
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No statistical analysis was performed in the current study

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The current study reports on a meta-analysis of hemoglobin function and describes no experimental bench work. Rather, we provide an interpretive framework for published results and further present theoretical analysis of a biophysical model, based on a characteristic allosteric model equation.

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Please indicate the figures or tables for which source data files have been provided:

The source data of Figures 2-5 were already included in the submission, either as main text Tables (Tables 1 and 2) or supplementary file Tables (Supplementary Files 1 and 2)