**Guidelines for use of SRE parameters in battery aging data K. L. Gering**

The following pertains to common Li-ion cell chemistries such as NMC/Gr, NCA/Gr, LFP, etc.

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| **Parameter** | **Typical range for LLI** | **Typical range for LAM** |
| **a\*** | 0.0001 – 0.1 | 1.e-6 – 0.005 |
| **b** | 0.5 - 1 | 1.5 - 3 |
| **M** | 0.1 – 0.3 | 0.2 – 0.5 |

\*Shown values are when capacity loss is given as a function of *cycle count*. Regression can be alternately done with capacity loss in terms of aging time.

* Test conditions will influence the placement of (a,b,M), e.g., battery aging at higher temperatures will increase (a,M).
* Battery chemistry will influence the placement of (a,b,M), e.g., NMC/Gr vs LMO/LTO.