

Jim: Questions for Scott

Jim is translating Scott's code. Jim has recreated the data vector, and flags for various columns.

Established: `sig_ind` is an index for a noise parameter. There are 6 in Scott's code, each gets an index in the data vector to distinguish that they're different.

Detector vector (`detvec`) is an index per detector, with values 1, 2, and 3. Also, Scott uses a logical matrix with three columns, a column for each detector, with a logical 1 if the data is measured on that detector and 0 if the data is not on that detector.

Jim reports getting a handle on the data import function.

Update from Noah:

Defining a mass spectrometer measurement model needed to populate the unknown parameters a

Mass spectrometer measurement models: (start of a draft text description)

<https://docs.google.com/document/d/1A2Nn7P41AfzILwO46Cuf4WFvDZ6IAOpZtORhIvNbMNc/edit?usp=sharing>

Here's a first methods description: (Google Sheets Version:)

[https://docs.google.com/spreadsheets/d/15YfDIGWsZCVc0KE7bVIZWzfeyM1PzJnF1PI\\_fw3UOj0/edit?usp=sharing](https://docs.google.com/spreadsheets/d/15YfDIGWsZCVc0KE7bVIZWzfeyM1PzJnF1PI_fw3UOj0/edit?usp=sharing)

And here's a better organization of a schema: (Google Table Version)

[https://tables.area120.google.com/workspace/a4aZbpc929B5xmd-RUsO98?utm\\_source=share&utm\\_medium=referral&utm\\_campaign=workspacelink](https://tables.area120.google.com/workspace/a4aZbpc929B5xmd-RUsO98?utm_source=share&utm_medium=referral&utm_campaign=workspacelink)