



S–lang–related Bugs: run_proj

Bugs

1. *run_proj() returns NULL if the error estimate for any one of the free parameters fails to converge.*

If `get_proj()`, it returns the S–Lang structures for the parameters that did converge. The behavior of these functions will be made consistent in a future release.

2. *Running any Sherpa/S–Lang module function that involves matrix inversion results in a SegV. (Mac OS X)*

e.g. `run_fit` with LM, `run_proj` with LM, `run_cov` with any optimizer.

Workarounds:

1. Use the analogous *Sherpa* commands – `fit`, `projection`, `covariance` – which work correctly.
2. For fitting and projection, change to an optimizer that doesn't rely on matrix inversion (that is, any optimizer but LM).

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URL:
http://cxc.harvard.edu/sherpa3.4/bugs/sl_run_proj.html
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