## 1 modeloutput\_search.pro

This program searches through the available model output files for ones that best match the input set. Not all the parameters need to be exact:

- (1) geometry.taa:  $<3.0^\circ$
- (2) geometry.phi:  $< 3.0^{\circ}$
- (3) options.lifetime: <5%
- (4) options.endtime: <5%
- (5) speeddist.temperature:  $<1^{\circ}$
- (6) options.outeredge: <5%
- (7) spatialdist.longitude:  $<1^{\circ}$
- (8) spatialdist.latitude:  $<1^{\circ}$
- (9) sticking\_info.accom\_factor: < 0.01
- (10) sticking\_info.stickcoef: < 0.01
- (11) spatialdist.kappa: <0.1
- $(12) \ {\tt spatialdist.diffusionlimit:} < 0.01$