

## Quick Start Guide

To get the most out of *SDC\_Direct\_Impacts* it will be necessary to read the full manual. However, the basic functionality of the program can be mastered with less effort (page references are to *SDC Direct Impacts Manual v1.0*):

- (1) Download zipped executable version
- (2) Unzip package (includes executable code, default program parameters, example benchmark data and copy of user manual)
- (3) Double click on program to run (to check program works on system) (run-time c. 2-4 mins)
- (4) Examine files in folder *SDCi Input Counts* containing example pre- and post-perturbation counts; use as template for formatting own input data. Name each file using the convention *<table name>\_vn.fmt*, where  $n = 0$  if pre-perturbation of counts and  $n=1$  for post-perturbation variant. (e.g. *UserTable\_v0.fmt*)
- (5) Read pages 6-9 of manual, explaining steps necessary for creation of table mappings.
- (6) In the *Parameters* folder edit the file *SDC\_Direct\_Impacts\_Count\_input\_tables* to list instead user supplied table(s) (see pages 20-21 (section 6) of user manual for details.)
- (7) Run program; results of comparison will be placed in file *SDC\_Direct\_Impacts\_results.txt*
- (8) Change user parameters to request alternative summary measures as required and re-run program (see pages 9-20 of user manual for details.)