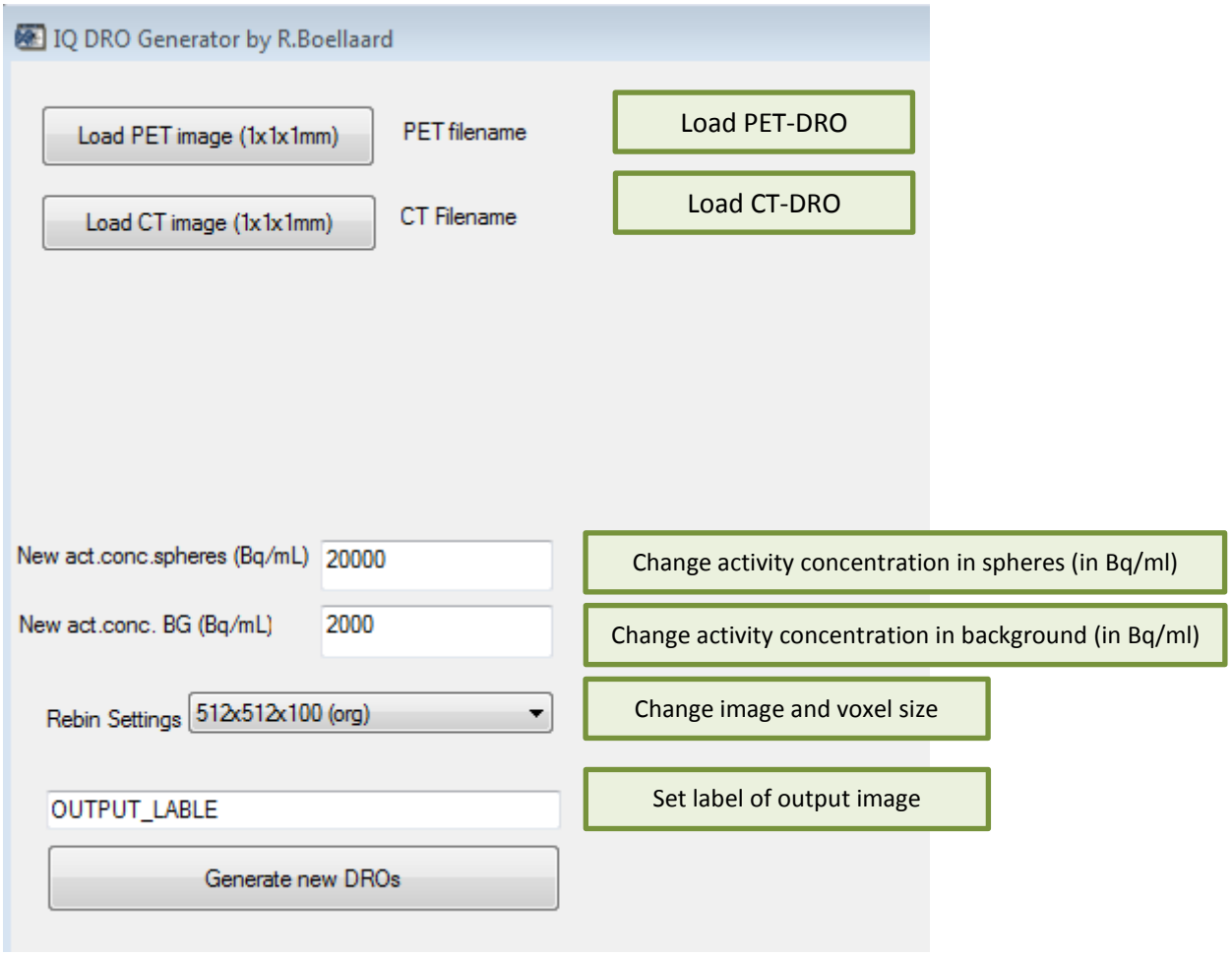
Manual SMART PET – DRO Modifier Tool

The DRO Modifier tool is written in IDL (version 8.3, 64 bit; Harris Geospatial solutions, Broomfield, CO, USA).

The user can load the DROs (one DRO for the PET, one for the CT image) he wants to adapt via a Graphical User Interface. The following parameter can be adapted/changed:



The following options of image and voxel size (in brackets) are available:

- 512 x 512 x 100 (1 x 1 x 1 mm)
- 256 x 256 x 50 (2 x 2 x 2 mm)
- 128 x 128 x 25 (2 x 2 x 4 mm)
- 256 x 256 x 100 (2 x 2 x 1 mm)
- 128 x 128 x 50 (4 x 4 x 2 mm)
- 512 x 512 x 50 (1 x 1 x 2 mm)
- 512 x 512 x 25 (1 x 1 x 4 mm)