Adding a new Parameter

Video tutorial

1. Before you write the functions, you may want to review the truth table values for the new parameter and see if they are to your liking. They can be reformatted; but make sure your extraction and evaluation functions are written with the format in mind.
2. You will need to write a function in code/parameters/extractor_functions.py to extract the information you want from the dicom files.
    a. Each function has access to the dataset (RTPLAN data), the case, and potentially the locations of the RTDOSE and RTSTRUCT corresponding to the RTPLAN.
3. Then, add it to the exported functions (extractor_functions) at the bottom of the file.
4. You will probably want to evaluate it. This means writing an evaluation function in code/parameters/evaluator_functions.py.
    a. Each function will have access to the parameter value, the corresponding truth table value, as well as a group of arguments (kwargs). This group contains the complete parameter values, complete truth table, and case.
5. That's it! You've added a new parameter to the output.

Changing an existing parameter can be done in a similar fashion.

1. Edit one of the existing extractions functions.
2. Then, with regard to how the data format has changed, edit the corresponding evaluation function.