**FEM calculation protocol**

1. OMIT map filter (section 2.4)
   * Compute composite residual OMIT map: Mcromit
   * Scale Mcromit by standard deviation (σ)
   * Compute filter: Mfilter=0 if Mcromit<0.5σ else Mfilter=1
2. Initialize collector of integer maps, IMC (section 2.5)
3. For j in j=1,16:
4. Map randomization and averaging (sections 2.3, 2.5)

For i, i=1,10:

* Compute 100 map coefficients (1,3) and average them: MCaverage
* Randomly remove 5% of terms from MCaverage:
* Compute Fourier map Mi from
* Scale Mi by standard deviation
* Truncate low values: set Mi =0 if Mi <0.5σ
* Eliminate regions in Mi with small volume (section 2.3)

1. Sharpen Mi , Msharp (section 2.6)
2. Histogram equalize Msharp -> MHE
3. Filter Msharp by OMIT map: Mfiltered = MHE \* Mfilter
4. Add Mfiltered to IMC (section 2.5)
5. Compute median map Mm from 16 maps in IMC (section 2.5), which is resulting Feature Enhanced Map, MFEM = Mm

**Figure 1.** FEM protocol. Individual steps are explained in corresponding sections of the manuscript.