

| Site Number: | Software:                           | CBV definition:   | Normalized to NAWM? | Integration Limits:                                | Leakage Correction Method:    | Comments:  |
|--------------|-------------------------------------|---|---------------------|--|-------------------------------|--|
| 01           | 01: In-house processing             | AUC of the $\Delta R_2^*$ time course                           | No                  | Time points: 2 to 64 (93 sec)                      | BSW leakage correction method | Manual inspection of pre- and post- contrast points for rCBV integration                   |
| 02           | 01: IB Neuro                        | AUC of the $\Delta R_2^*$ time course                           | Yes                 | automatically detected (default option)            | BSW leakage correction method | Default IB Neuro settings for rCBV   |
| 03           | 01: 3DSlicer                        | AUC of the $\Delta R_2^*$ time course                           | No                  | 118 seconds  | BSW leakage correction method | No thresholding  |
|              | 02: nordicICE                       | AUC of the $\Delta R_2^*$ time course                           | Yes                 | Time points: 2 to 121 (178.5 sec)                  | BSW leakage correction method |  |
|              | 03: PGUI                            | AUC of the $\Delta R_2^*$ time course                           | No                  | Time points: 2 to 121 (178.5 sec)                  | BSW leakage correction method | No thresholding, but smoothing applied   |
| 04           | 01: IB Neuro                        | AUC of the $\Delta R_2^*$ time course                           | Yes                 | automatically detected (default option)            | BSW leakage correction method |  |
| 05           | 01: IB Neuro (Integration limits 1) | AUC of the $\Delta R_2^*$ time course                           | Yes                 | automatically detected (default option)            | BSW leakage correction method |  |
|              | 02: IB Neuro (Integration limits 2) | AUC of the $\Delta R_2^*$ time course                           | Yes                 | 180 seconds (all time points)                      | BSW leakage correction method |  |
| 06           | 01: PGUI (rCBV definition 1)        | Deconvolution of the residue function (SVD)                     | No                  | Time points: 5 to 121 (174 sec)                    | BSW leakage correction method |  |
|              | 02: PGUI (rCBV definition 2)        | Deconvolution of the residue function (oSVD)                    | No                  | Time points: 5 to 121 (174 sec)                    | BSW leakage correction method |  |
| 07           | 01: In-house processing             | AUC of the $\Delta R_2^*$ time course                           | No                  | automatically detected (default option)            | BSW leakage correction method |  |
| 08           | 01: In-house processing             | AUC of the $\Delta R_2^*$ time course                           | Yes                 | 90 sec   | BSW leakage correction method |  |
| 09           | 01: IB Neuro                        | AUC of the $\Delta R_2^*$ time course                           | Yes                 | automatically detected (default option)            | BSW leakage correction method | Did not use the entire NAWM ROI - instead used a 6mm x 6mm (-225 pixels) ROI               |
| 10           | 01: In-house processing             | AUC of the $\Delta R_2^*$ time course                           | No                  | 171 sec  | BSW leakage correction method | $\Delta R_2^*$ maps were smoothed with a 5x5 Gaussian window that had a FWHM value of 3 mm |
| 11           | n/a                                 |   |                     |  |                               |  |
| 12           | 01: Philips ISP (rCBV definition 1) | AUC of the $\Delta R_2^*$ time course                           | No                  | Based on the characteristics of signal time curves | No leakage correction method  |  |
|              | 02: Philips ISP (rCBV definition 2) | AUC of the $\Delta R_2^*$ time course fitted to a gamma-variate | No                  | Based on the characteristics of signal time curves | No leakage correction method  |  |
|              | 03: Philips ISP (rCBV definition 3) | AUC of the $\Delta R_2^*$ time course                           | No                  | 180 sec  | BSW leakage correction method |  |