Table 2

Application of different methods on the 18 Brainweb T1-weighted images with different Rician noise levels and a 20% inhomogeneity

Methods			White matter (%)				Grey matter (%)				
0	1	5	7	9	0	1	3	5	7	9	
86.1	91.5	92.2	90.1	86.4	83.1	90.8	92.5	92	. 89.1	. 84.2	
91.05	94.2	93.6	90.2	86.3	91.2	93.4	93.3	92.1	90	86.6	
97.8	95.7	93.9	937	91.7	97	94.5	95.9	93.8	92.7	91.1	
95.6	94.2	91.5	89.8	83.2	95.4	94.1	93.8	92.9	89.9	79.3	
97.1	96	92	88	84	97	96	91	86	87	83	
96.8	94.9	93.7	93.9	92.1	95.7	95.4	92.8	92.6	92.1	91.2	
	86.1 91.05 97.8 95.6 97.1	0 1 86.1 91.5 91.05 94.2 97.8 95.7 95.6 94.2 97.1 96	0 1 5 86.1 91.5 92.2 91.05 94.2 93.6 97.8 95.7 93.9 95.6 94.2 91.5 97.1 96 92	0 1 5 7 86.1 91.5 92.2 90.1 91.05 94.2 93.6 90.2 97.8 95.7 93.9 937 95.6 94.2 91.5 89.8 97.1 96 92 88	0 1 5 7 9 86.1 91.5 92.2 90.1 86.4 91.05 94.2 93.6 90.2 86.3 97.8 95.7 93.9 937 91.7 95.6 94.2 91.5 89.8 83.2 97.1 96 92 88 84	0 1 5 7 9 0 86.1 91.5 92.2 90.1 86.4 83.1 91.05 94.2 93.6 90.2 86.3 91.2 97.8 95.7 93.9 937 91.7 97 95.6 94.2 91.5 89.8 83.2 95.4 97.1 96 92 88 84 97	0 1 5 7 9 0 1 86.1 91.5 92.2 90.1 86.4 83.1 90.8 91.05 94.2 93.6 90.2 86.3 91.2 93.4 97.8 95.7 93.9 937 91.7 97 94.5 95.6 94.2 91.5 89.8 83.2 95.4 94.1 97.1 96 92 88 84 97 96	0 1 5 7 9 0 1 3 86.1 91.5 92.2 90.1 86.4 83.1 90.8 92.5 91.05 94.2 93.6 90.2 86.3 91.2 93.4 93.3 97.8 95.7 93.9 937 91.7 97 94.5 95.9 95.6 94.2 91.5 89.8 83.2 95.4 94.1 93.8 97.1 96 92 88 84 97 96 91	0 1 5 7 9 0 1 3 5 86.1 91.5 92.2 90.1 86.4 83.1 90.8 92.5 92 91.05 94.2 93.6 90.2 86.3 91.2 93.4 93.3 92.1 97.8 95.7 93.9 937 91.7 97 94.5 95.9 93.8 95.6 94.2 91.5 89.8 83.2 95.4 94.1 93.8 92.9 97.1 96 92 88 84 97 96 91 86	0 1 5 7 9 0 1 3 5 7 86.1 91.5 92.2 90.1 86.4 83.1 90.8 92.5 92 89.1 91.05 94.2 93.6 90.2 86.3 91.2 93.4 93.3 92.1 90 97.8 95.7 93.9 937 91.7 97 94.5 95.9 93.8 92.7 95.6 94.2 91.5 89.8 83.2 95.4 94.1 93.8 92.9 89.9 97.1 96 92 88 84 97 96 91 86 87	