Sensitivity Kernels to the Physical Parameters a) *m*¹ 5 0 Sensitivity value **-**5 -10 -15 **-**20 0.2 0.4 0.6 0.8 0.0 1.0 b) *m*² 8 6 4 Sensitivity value 2 0 **-**2 **-**6 **-**8 0.2 0.4 0.6 0.8 0.0 1.0 c) m^3 10.0 7.5 Sensitivity value -5.0 **-**7.5 0.4 0.6 Spatial Domain 0.2 0.0 0.8 1.0