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