

Table S3 Global sensitivity analysis results for lacuna count capped at maximum of 5 lacunae.

\hat{p}	12	13	14
Variance data	3.4870	3.4870	3.4870
Variance PCE	3.4346	3.4821	3.5668
$S(\lambda_c)$	0.0081	0.0081	0.0079
$S(D)$	0.6893	0.6861	0.6847
$S(\lambda_A)$	0.0078	0.0077	0.0077
$S(J_{\text{cell,cell}})$	0.0578	0.0571	0.0557
$S(\lambda_c, D)$	0.0561	0.0557	0.0547
$S(\lambda_c, \lambda_A)$	0.0084	0.0085	0.0086
$S(\lambda_c, J_{\text{cell,cell}})$	0.0394	0.0409	0.0429
$S(D, \lambda_A)$	0.0048	0.0048	0.0048
$S(D, J_{\text{cell,cell}})$	0.0489	0.0485	0.0476
$S(\lambda_A, J_{\text{cell,cell}})$	0.0035	0.0035	0.0035
$S(\lambda_c, D, \lambda_A)$	0.0147	0.0160	0.0169
$S(\lambda_c, D, J_{\text{cell,cell}})$	0.0458	0.0476	0.0490
$S(\lambda_c, \lambda_A, J_{\text{cell,cell}})$	0.0239	0.0258	0.0274
$S(D, \lambda_A, J_{\text{cell,cell}})$	0.0121	0.0132	0.0140