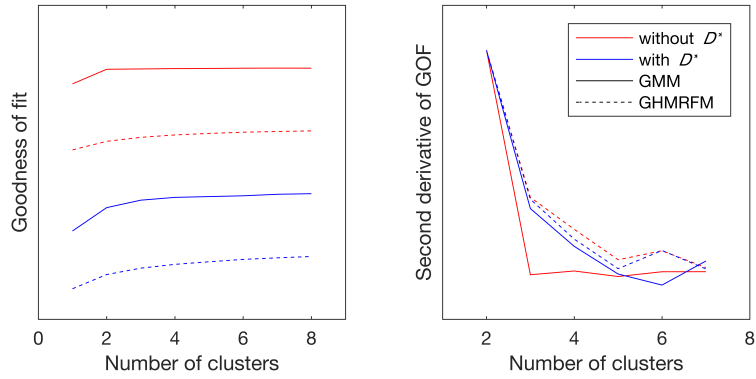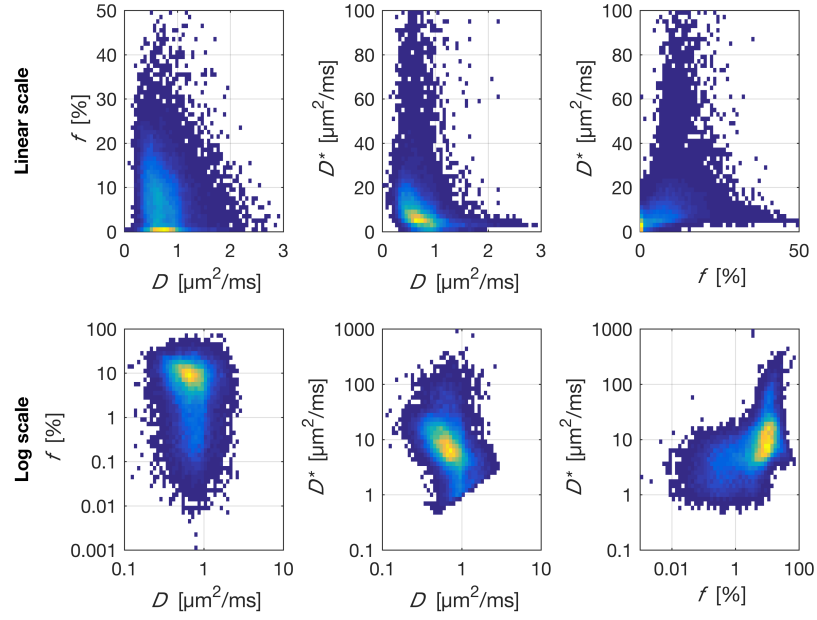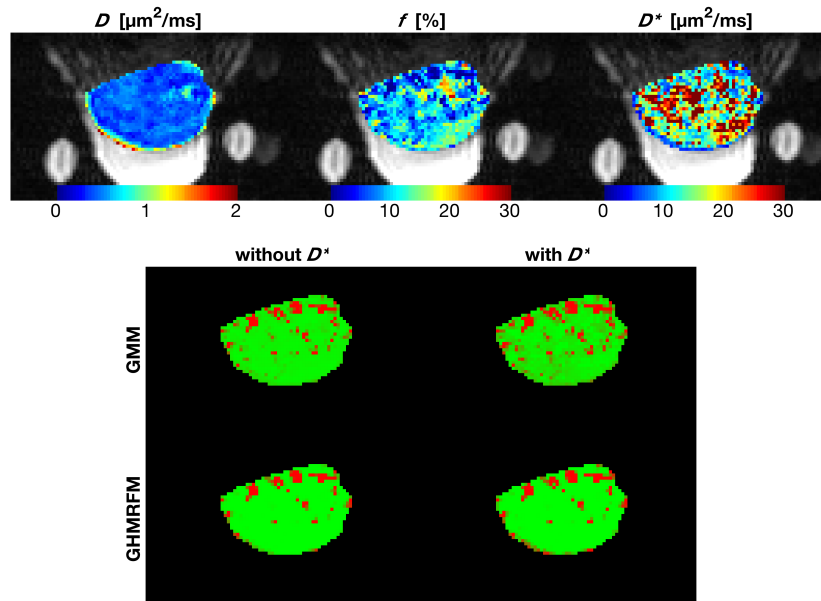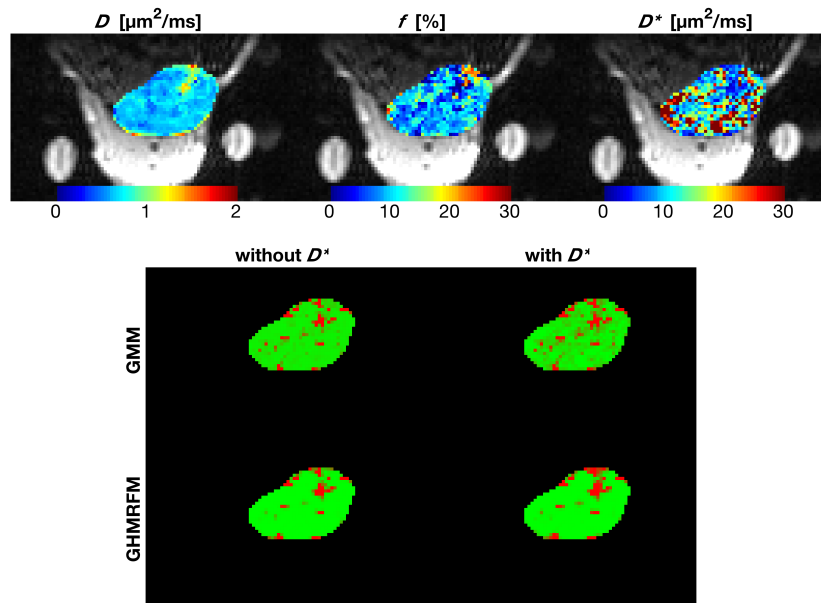# Supporting figures

Supporting Information Figure S1: Goodness of fit (GOF) and second derivative of GOF plotted versus the number of clusters k for all clustering approaches. To improve visualization, the curves were linearly distributed in the left graph, and set to have the same maximum value in the right graph
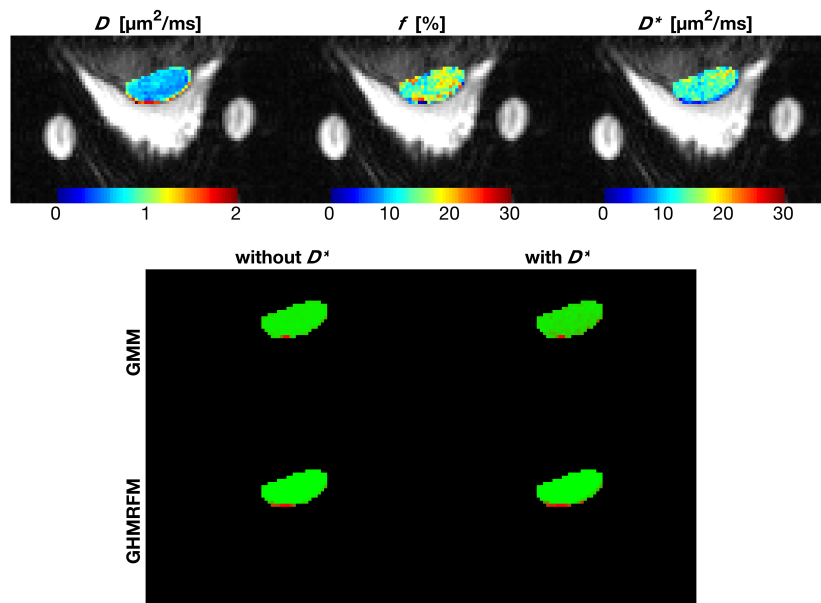
Supporting Information Figure S2: Joint distributions of IVIM parameters before and after log transformation
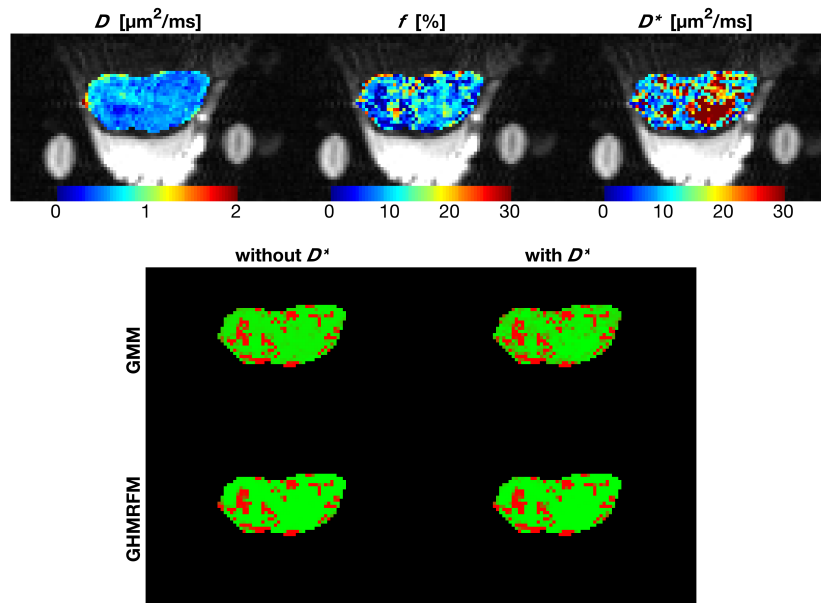

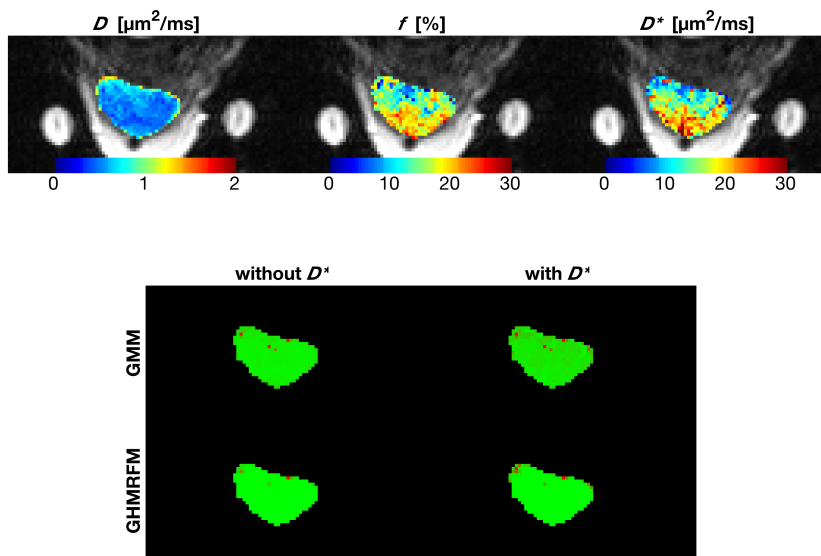Supporting Information Figure S3: As Figure 4, but tumor 1

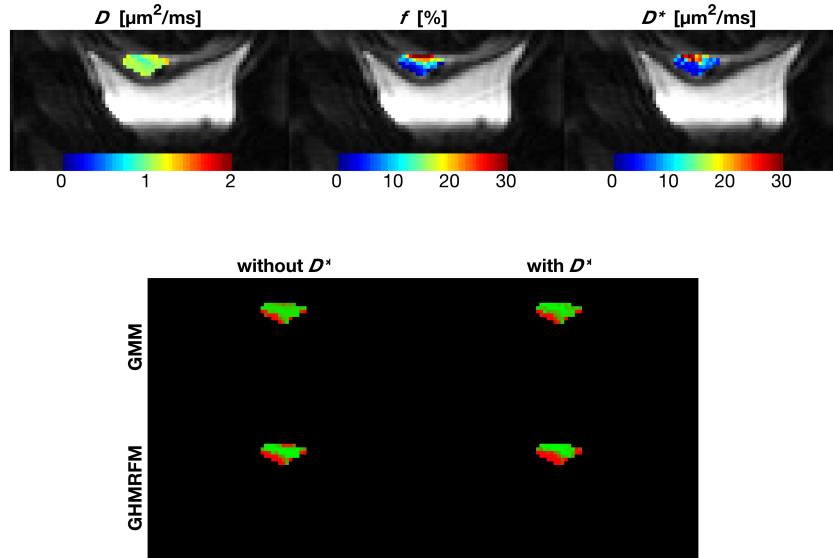Supporting Information Figure S4: As Figure 4, but tumor 2

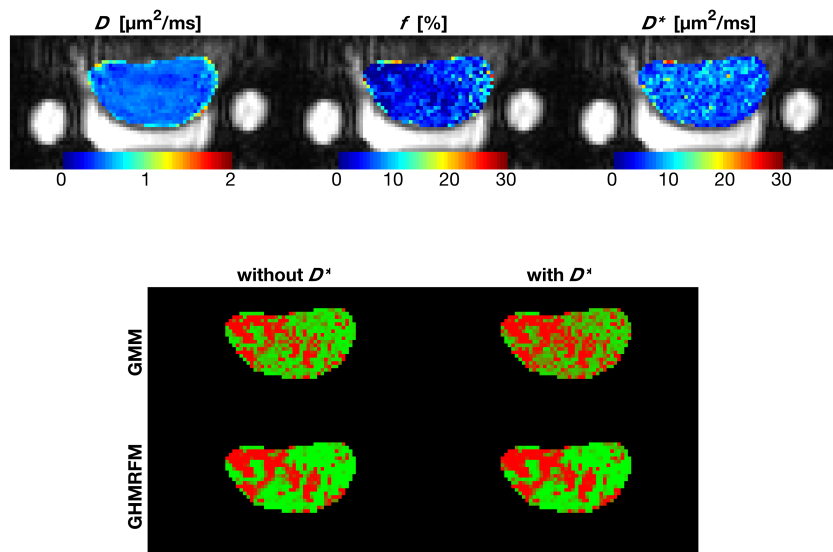Supporting Information Figure S5: As Figure 4, but tumor 3

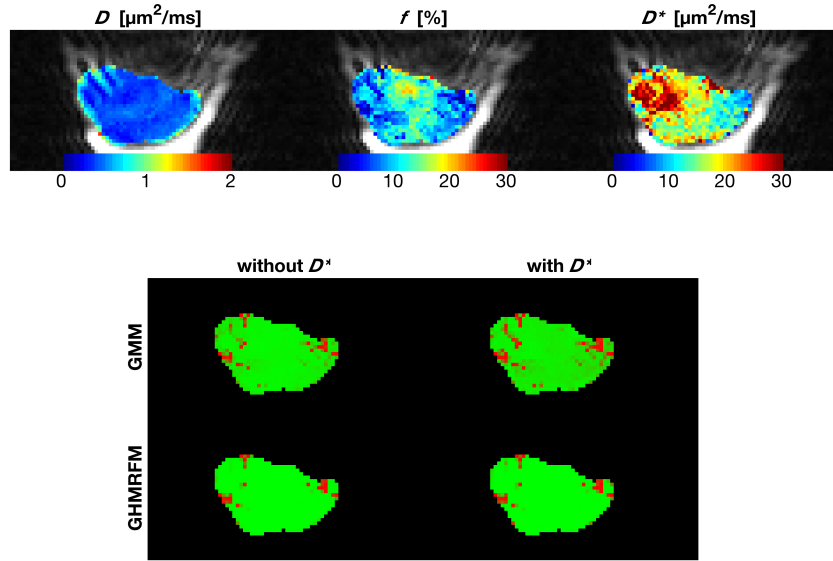Supporting Information Figure S6: As Figure 4, but tumor 4

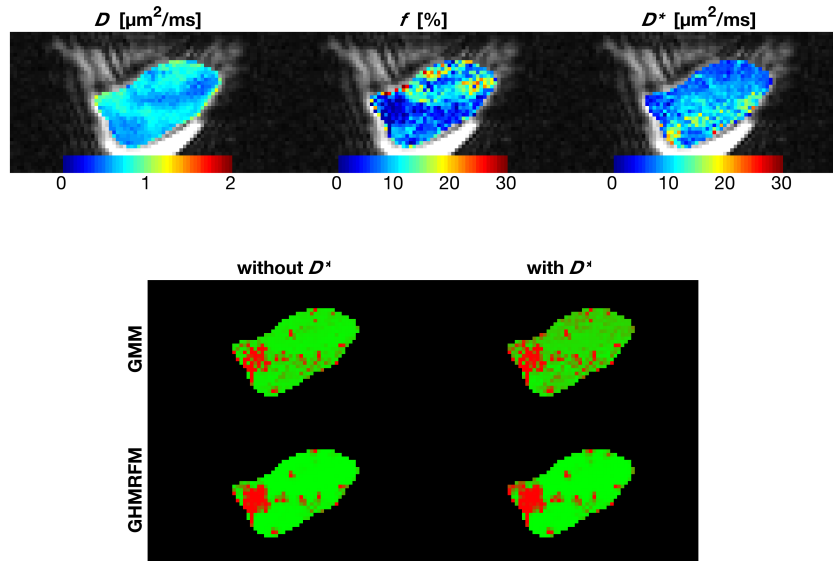Supporting Information Figure S7: As Figure 4, but tumor 5

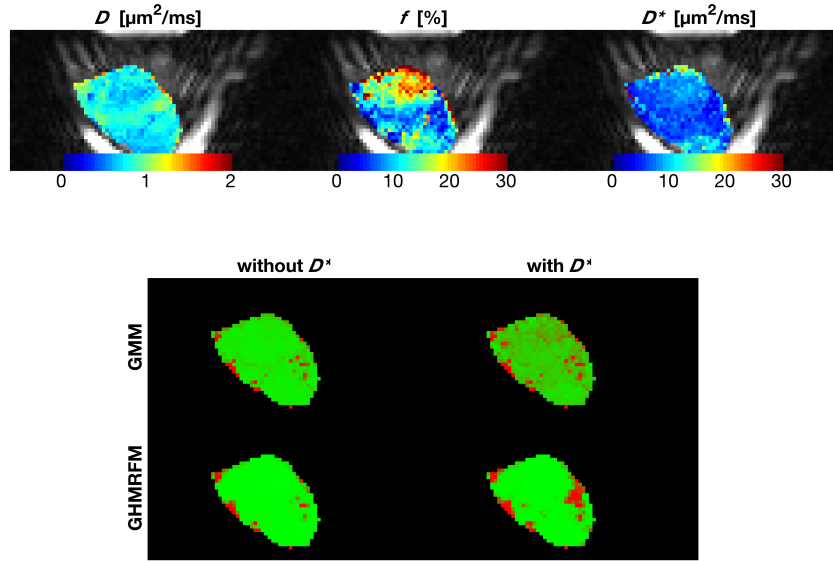Supporting Information Figure S8: As Figure 4, but tumor 6

Supporting Information Figure S9: As Figure 4, but tumor 7

D [µm²/ms]   f [%]   D* [µm²/ms]

without D*   with D*

GMM

GHMRFM

Supporting Information Figure S10: As Figure 4, but tumor 8

D [µm²/ms]   f [%]   D* [µm²/ms]

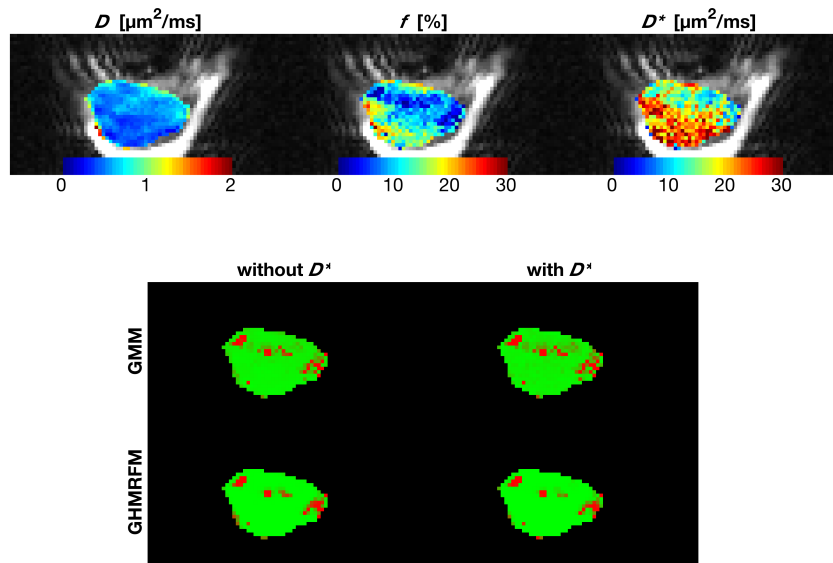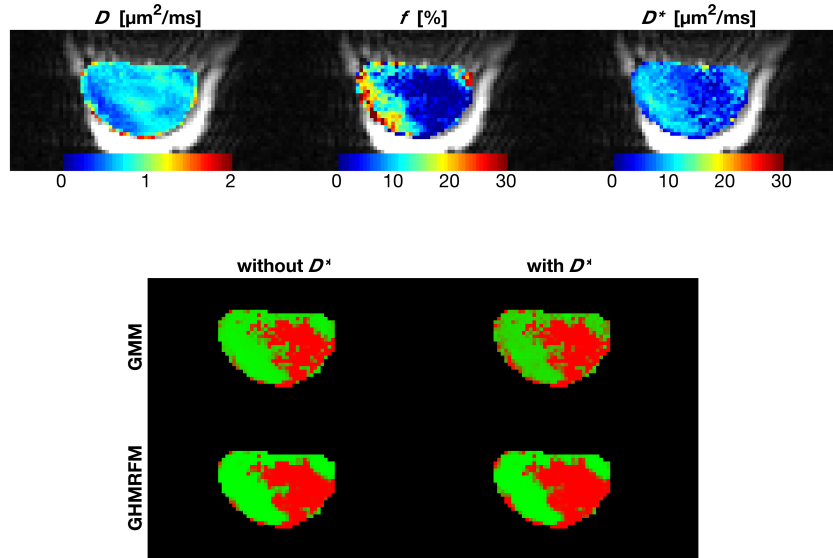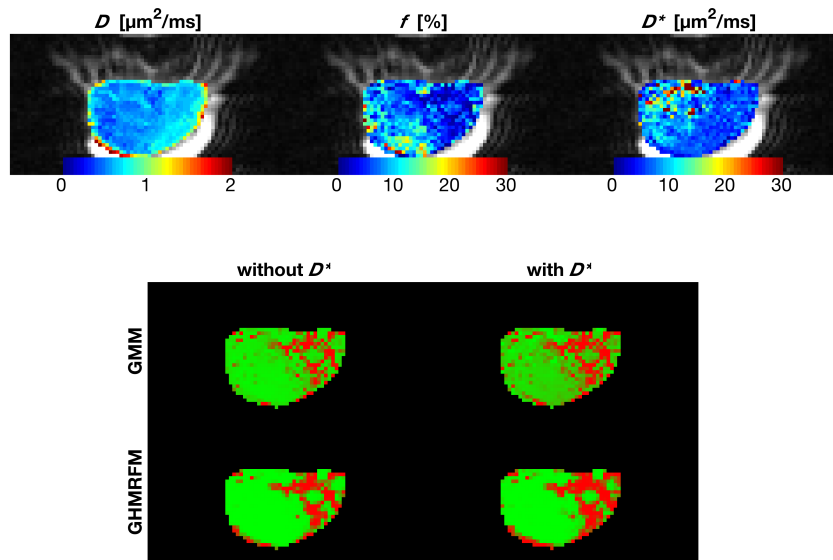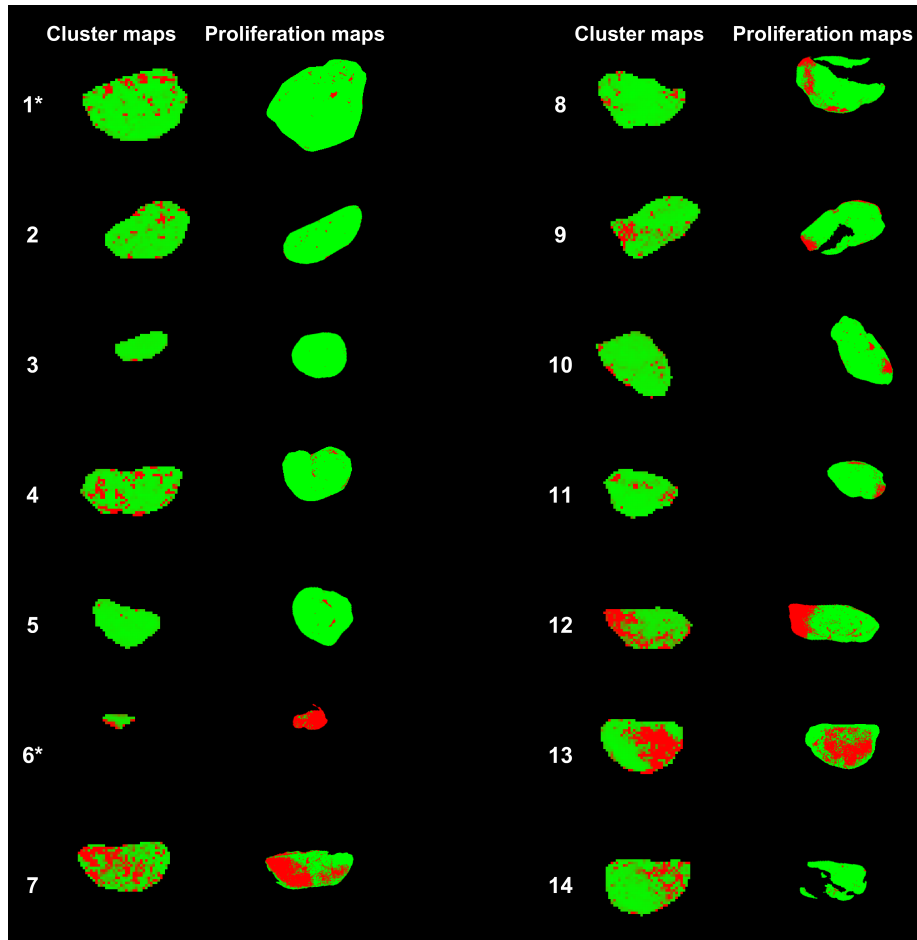without D*   with D*

GMM

GHMRFM

Supporting Information Figure S11: As Figure 4, but tumor 9

6

Supporting Information Figure S12: As Figure 4, but tumor 10

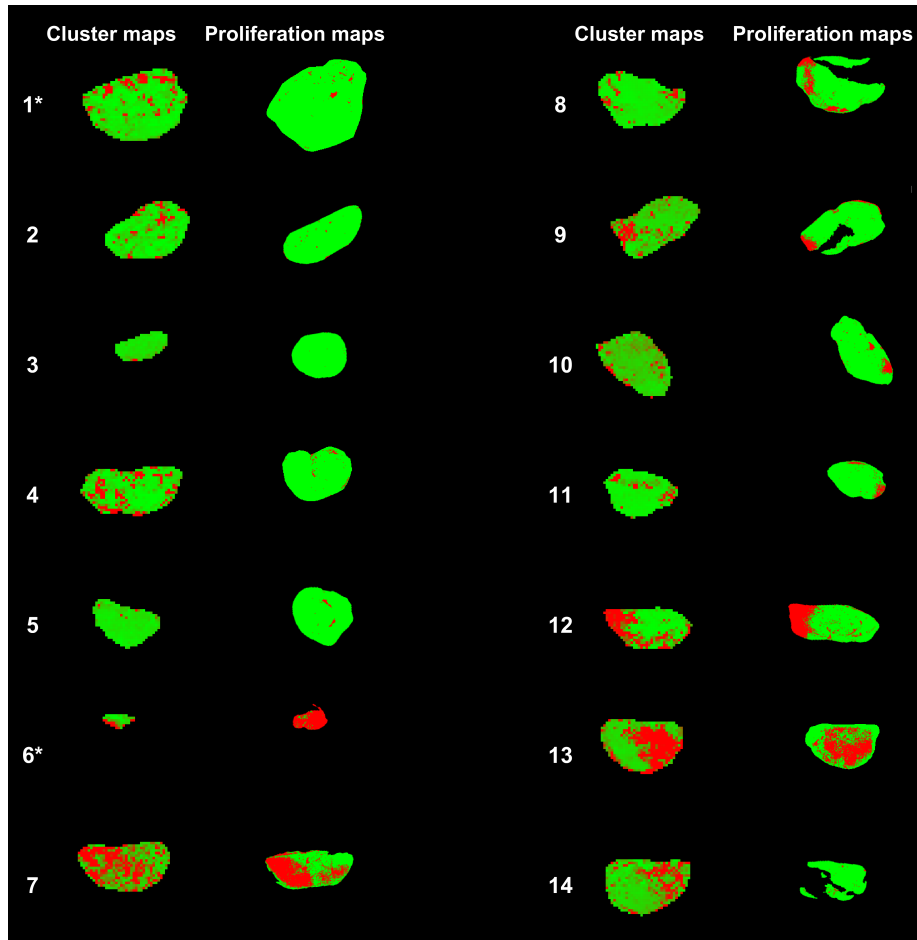Supporting Information Figure S13: As Figure 4, but tumor 11

D [µm²/ms]   f [%]   D* [µm²/ms]

0   1   2   0   10   20   30   0   10   20   30

without D*   with D*

GMM

GHMRFM

Supporting Information Figure S14: As Figure 4, but tumor 13

D [µm²/ms]   f [%]   D* [µm²/ms]

0   1   2   0   10   20   30   0   10   20   30

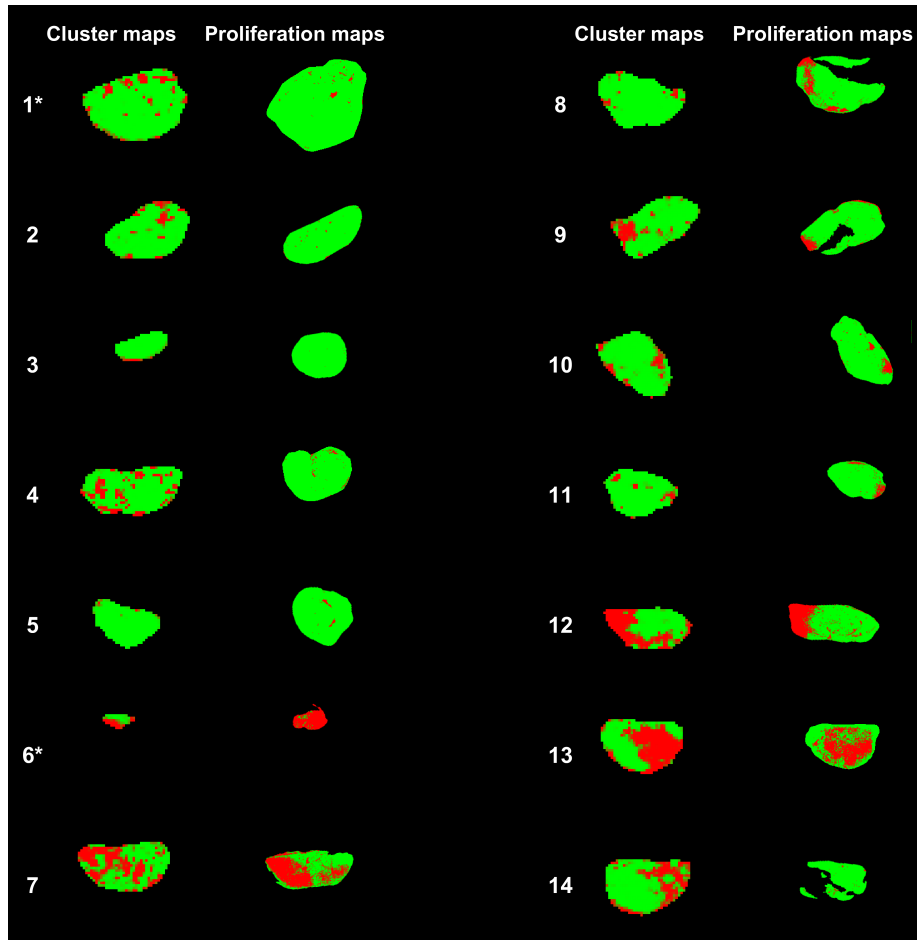without D*   with D*

GMM

GHMRFM

Supporting Information Figure S15: As Figure 4, but tumor 14

Supporting Information Figure S16: As Figure 6, but GMM without D^*

Supporting Information Figure S17: As Figure 6, but GMM with D^*

Supporting Information Figure S18: As Figure 6, but GHMRFM with D^*