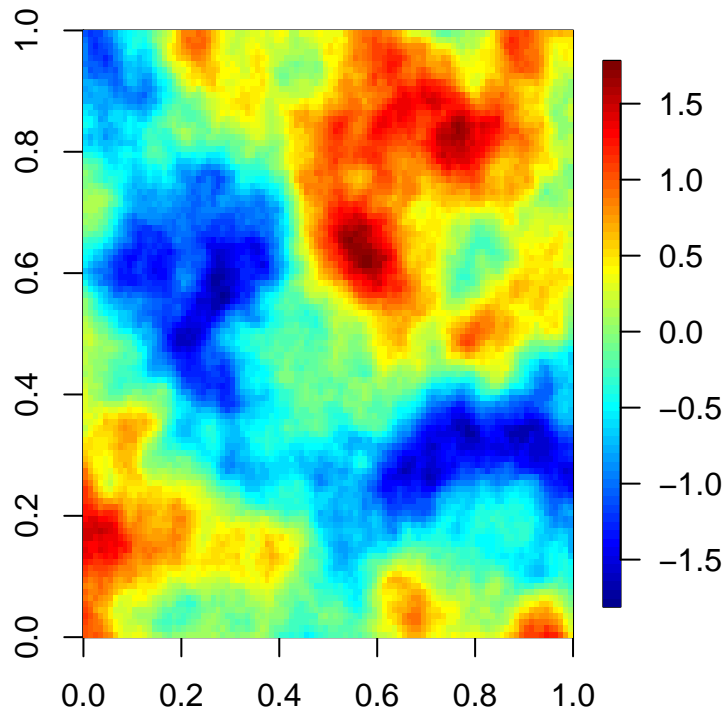**GRF, range=0.2, smoothness=1**

Sample probs, a=0, b=2