This file is included with software package vbFRET on SourceForge. vbFRET is described in the paper “Learning Rates and States from Biophysical Time Series: A Bayesian Approach to Model Selection and Single-molecule FRET Data”, Bronson JE, Fei J, Hofman JM, Gonzalez RL and Wiggins CH, Biophys J 97, 3196-3205 (2009). ; vbFRET, is built on or borrows directly from the codes of others, including those of Matt Beal; Chris Bishop and Ian Nabney; and Emtiyaz Khan and Kevin Murphy.

Bronson et al. acknowledge these contributions as follows:

“From Murphy/Khan and Beal:

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Much of the function vbFRET\_VBEM.m comes from code found in VBEMGMM by Emtiyaz Khan and Kevin Murphy (http://www.cs.ubc.ca/~murphyk/Software/VBEMGMM/index.html) and vbhmm by Matt Beal(http://www.cse.buffalo.edu/faculty/mbeal/software.html).

From Beal:

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1. The function forwbackFRET.m was created using modified from code found in vbhmm.

2. The function dirrnd.m was borrowed from vbhmm without modification.

From Nabney/Bishop:

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The following functions were borrowed without modification from netlab, by Chris Bishop and Ian Nabney (http://www.ncrg.aston.ac.uk/netlab/index.php):

1. consist.m

2. dist2.m

3. gauss.m

4. gmm.m

5. gmmactiv.m

6. gmmem.m

7. gmmpost.m

8. gmmprob.m

9. kmeans.m

The function vbfret\_gmminit.m was created using modified code found in netlab.

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