PACE: Principal Analysis by Conditional Expectation

Available Examples in the pa

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1) example.m:

Example file for how to use FPCA.m.
Random design, 200 subjects with 1 to 4 meas
Time interval is [0,10]. The number of measure
uniformly distributed on {1,2,3,4}. The timepo
are uniformly distributed on [0,10].

In this example, the goal is to predict the traje

2) exampleDer.m:

Example file for how to use FPCder.m
Random design, 200 subjects with 1 to 8 meas
Time interval is [0,1]. The number of measurer
is uniformly distributed on {1,2,...,8}. The time
are distributed as Beta(0.4,0.3).
In this example, the goal is to predict trajectori

Last update:

June 24, 2015

3) exampleReg_2.m

Example file for how to use FPCreg.m for predi
Dense regular design, 80 subjects with 21 regu
and for Y on [0,5]. Select 50 for training set an

4) exampleReg_0.m

Example file for how to use FPCreg.m for predi
Random design, 300 subjects with 2 to 5 irregu
for Y on [0,5]. The time points for each subject
Select 200 for training set and 100 for test set.