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Information on the data sets for the SPP1665 course, Nov. 2014
(green = data used in day3; other data used in day4)

Structure of information:
Filename & format & \# bins (ms) & comment

- Nonstationary data [generating program: Nonstat.m]

Data0 & [sp tr] & 1000 & ./Nonstat/Data0.eps, stat, 20, Poisson
Data1 & [sp tr] & 1000 & ./Nonstat/Data1.eps, lhl, 20/100/20
Data2 & [sp tr] & 1000 & ./Nonstat/Data2.eps, latvar, lhl, 20/100/20
Data3 & [sp tr] & 1000 & ./Nonstat/Data3.eps, acrosstr, 2 states, 20/100
Data4 & [sp tr] & 2000 & TheorRateFunction.eps, Exercise7_5_03
Data23 & [sp tr] & 1000 & ./Nonstat/Data23.eps, osci
Data24 & [sp tr] & 1000 & ./Nonstat/Data24.eps, osci

- Gamma spike trains [generating file: SimulGamma.m]

Data9 & [sp tr] & 1801 & ./Gamma/SimulGamma.m, g=7,stat,50, ntrials=38
Data10 & [sp tr] & 1801 & ./Gamma/SimulGamma.m, g=7,stat,20, ntrials=38
Data11 & [sp tr] & 1801 & ./Gamma/SimulGamma.m, g=20,stat,20, ntrials=38

- Real data

Data5 & [sp tr] & 1801 & joe153, n1, joe153OrigSim.eps
Data6 & [sp tr] & 1801 & joe153, n3, joe153OrigSim.eps
Data7 & [sp tr] & 1801 & g=7, joe153, n1, joe153OrigSim.eps
Data8 & [sp tr] & 1801 & g=7, joe153, n3, , joe153OrigSim.eps
Data12 & [sp tr] & 1401 & joe163
Data13 & [sp tr] & 1401 & joe163

Data14 & [sp tr] & 2101 & winny131_235, n2
Data15 & [sp tr] & 2101 & winny131_235, n3
data14_15.gdf == Data14 and Data15

Data16 & [sp tr] & 1251 & data12_n401_n305, n401
Data17 & [sp tr] & 1251 & data12_n401_n305, n305
data12_n4_n3 & gdf & & 703, -150, 110; simult. Data16,Data17, $401=4$, $305=3$

Data18 & [sp tr] & 1251 & data13_n401_n305, n401
Data19 & [sp tr] & 1251 & data13_n401_n305, n305
data13_n4_n3 & gdf & & 703,-150,1600; simult. Data18,Data19, $401=4$, $305=3$

Data20 & [sp tr] & 1751 & data14, n401
Data21 & [sp tr] & 1751 & data14, n305
Data22 & [sp tr] & 1751 & data14, n502
data14 & gdf & & 703,-150,1600; simult. Data20,Data21,Data22; n401, n305, n502

data16 generated from data14 & gdf & & 703,-150,1600; simult.
Data20,Data21,Data22; $401=4$, $305=3$, $502=5$
load data14.gdf
data16 = data14
data16(find(data16(:,1)==401),1) = 4
data16(find(data16(:,1)==305),1) = 3
data16(find(data16(:,1)==502),1) = 5
save -ascii data16.gdf data16

- Data from Martin Nawrot

Data26 simul & nonrenewal & stat & negative serial corr.
Data27 monkey & nonrenewal & stat & negative serial corr.