**galaxy\_data.dat**

**#Galaxy Recession A\_{V,MW}  
#Name Velocity (km/s) (mag)**  
NGC3627 427 0.0992  
NGC3982 1510 0.0434  
NGC4496A 1152 0.0775  
NGC4527 1152 0.0682  
NGC4536 1152 0.0558  
NGC4639 1152 0.0806  
NGC5253 170 0.1736  
IC4182 303 0.0434

**MW\_Cepheids.dat**

**#Object parallax err(par) Period m\_V m\_I A\_V err(A\_V)  
# [mas] [mas] [days] [mag] [mag] [mag] [mag]  
#**  
l-Car 2.01 0.20 35.551341 3.732 2.557 0.52 0.06  
zeta-Gem 2.78 0.18 10.15073 3.911 3.085 0.06 0.03  
beta-Dor 3.14 0.16 9.842425 3.751 2.943 0.25 0.05  
W-Sgr 2.28 0.20 7.594904 4.667 3.862 0.37 0.03  
X-Sgr 3.00 0.18 7.012877 4.556 3.661 0.58 0.1  
Y-Sgr 2.13 0.29 5.77338 5.743 4.814 0.67 0.04  
delta-Cep 3.66 0.15 5.36627 3.960 3.204 0.23 0.03  
FF-Aql 2.81 0.18 4.470916 5.372 4.510 0.64 0.06  
T-Vul 1.90 0.23 4.435462 5.752 5.052 0.34 0.06  
RT-Aur 2.40 0.19 3.72819 5.464 4.778 0.20 0.08

**hst\_gal1\_cephids.dat**

**#NGC 3627  
#Name logP m\_V m\_I**  
C2-V4 1.623 24.55 23.53  
C2-V8 1.602 24.87 24.05  
C2-V10 1.342 24.71 24.23  
C2-V12 1.415 25.03 24.05  
C2-V13 1.260 25.83 24.99  
C2-V15 1.431 25.71 24.70  
C2-V17 1.613 24.24 23.20  
C2-V19 1.763 24.80 23.86  
C2-V20 1.415 24.84 24.03  
C2-V22 1.255 25.19 24.48  
C2-V29 1.272 25.58 24.61  
C2-V32 1.407 25.29 24.26  
C2-V33 1.505 24.64 23.68  
C2-V34 1.681 24.35 23.28  
C2-V35 1.452 25.24 24.35  
C3-V1 1.288 25.77 24.98  
C3-V3 1.477 24.99 23.98  
C3-V4 1.431 25.22 24.35  
C3-V5 1.288 25.01 24.32  
C3-V6 1.342 25.14 24.24  
C3-V8 1.288 25.38 24.38  
C3-V10 1.613 24.21 23.35  
C4-V2 1.272 25.76 25.17  
C4-V4 1.415 25.42 24.76  
C4-V6 1.283 25.47 24.58