From Poster

* Utilize R (statistical programming package) to create a reliability model which simulates the application of non-constant failure rates to the components of a system.

For Research Day 2012

Utilize R (statistical programming package) to create a reliability model which simulates the application of non-constant failure rates to the components of a system. A new set of commands was inserted into the code that represented 5 systems with a maximum of 50 functional components. However, the command *rpois(5, 50)* randomizes the number of components that are functional. And the function *write.csv(n, "Gompertz.csv", row.names=F)* puts the values into a csv file every time the entire code is run. Thus, the number of functional components is random every time and represents different biological systems.