



# ASQ CRE Prep course

Lesson II. A. 4. f.

Poisson Process Models

Fisher's Composite Test

A wide-angle photograph of a coastal scene. In the foreground, dark, mossy rocks are scattered across a shallow, dark blue water. Waves are breaking on the rocks, creating white foam. The middle ground shows a wide expanse of dark blue water extending to the horizon. The sky above is a vibrant blue, dotted with various sizes of white and grey clouds.

Yet another trend test

# FISHER'S COMPOSITE TEST

# Application

- **For multiple systems with possibly different NHPPs**
- **Doesn't assume or determine if repair rates are equal across systems**
- **Starts with doing Mann Reverse Arrangement Test for each system**

# To Check if System are Similar

- **Look at the**
  - **Wilcoxon signed rank sum test for two systems**
  - **Kruskal-Wallis test for 3 or more systems**
- **I find plots tend to tell much of the story**
- **Mean cumulative function is another great tool**

What trends are  
present you your  
situation?

Blue pages for Section III & IV

Take another Sample Exam

Send over your questions

[fms@fmsreliability.com](mailto:fms@fmsreliability.com)



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Lesson II. A. 5.

Non-Parametric Statistical  
Methods