Suppose we wanted to look at the frequencies at which children present with certain psychopathologies. We obtain the following data on 50 children at a treatment facility:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Depressive Disorders** | **ADHD** | **Anxiety Disorders** | **Psychotic Disorders** | **Eating Disorders** |
| 14 | 8 | 15 | 5 | 8 |

* 1. What is the null hypothesis?
  2. What are the expected frequencies?
  3. What is the df?
  4. Calculate *x2*
  5. Discuss your findings