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