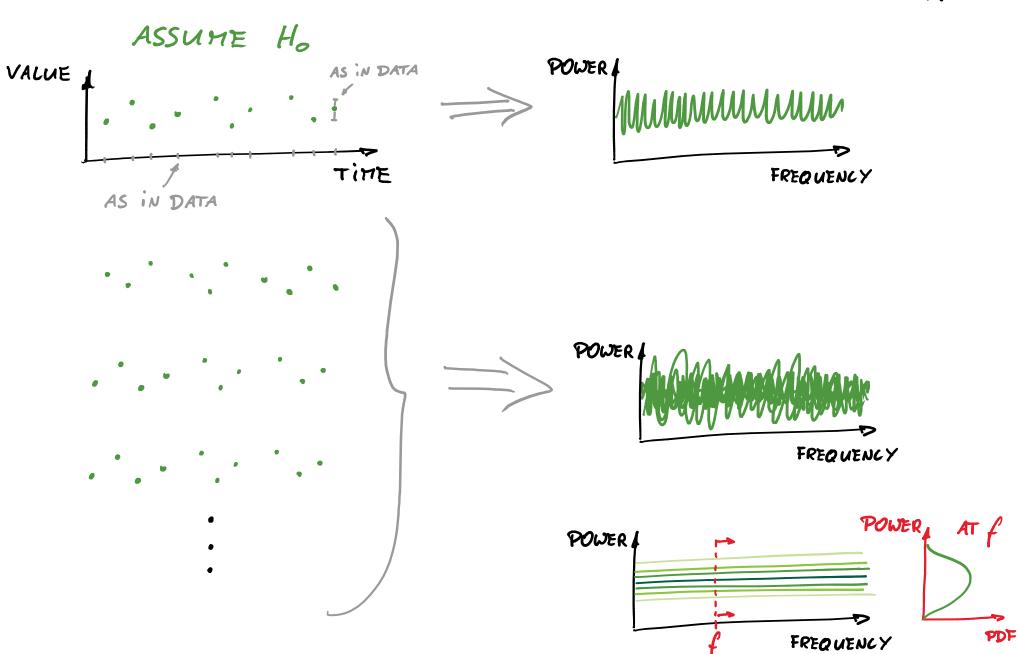
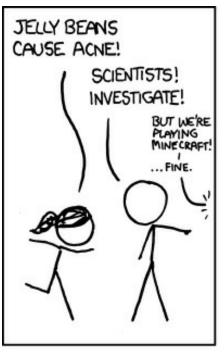
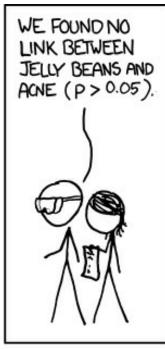


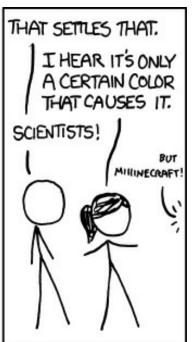
IS THERE AN OSCILLATION? TEST NULL HYPOTHESIS COMPATIBILITY WITH DATA



IS THERE AN OSCILLATION? TEST NULL HYPOTHESIS COMPATIBILITY WITH DATA P-VALUE FREQUENCY



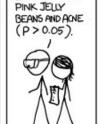




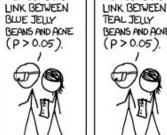




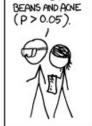




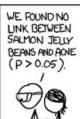
WE FOUND NO

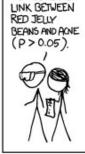


WE FOUND NO

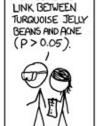


WE FOUND NO

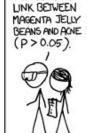




WE FOUND NO



WE FOUND NO



WE FOUND NO

WE FOUND NO LINK BETWEEN YELLOW JELLY BEANS AND ACNE (P>0.05)















WE FOUND NO

WE FOUND A LINK BETWEEN GREEN JELLY BEANS AND ACNE (P < 0.05)



WE FOUND NO LINK BETWEEN MAUVE JELLY BEANS AND ACNE (P>0.05)



WE FOUND NO LINK BETWEEN BEIGE JELLY BEANS AND ACNE (P > 0.05).



WE FOUND NO LINK BETWEEN LILAC JELLY BEANS AND ACNE (P>0.05)



WE FOUND NO LINK BETWEEN BLACK JELLY BEANS AND ACNE (P>0.05).

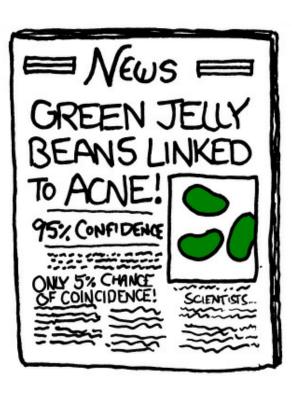


WE FOUND NO LINK BETWEEN PEACH JELLY BEANS AND ACNE (P>0.05)



WE FOUND NO LINK BETWEEN ORANGE JELLY BEANS AND ACNE (P>0.05).

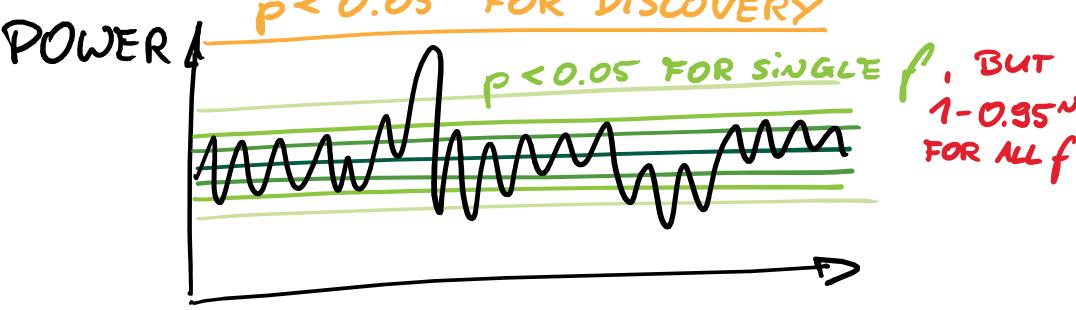




IS THERE AN OSCILLATION? TEST NULL HYPOTHESIS COMPATIBILITY WITH DATA

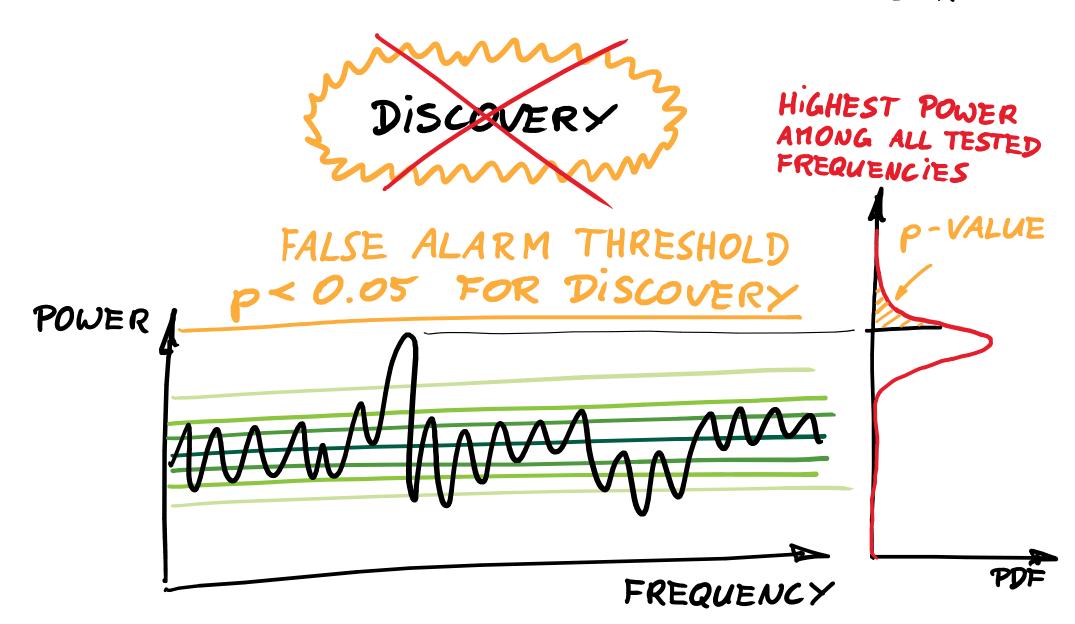


FALSE ALARM THRESHOLD < 0.05 FOR DISCOVERY

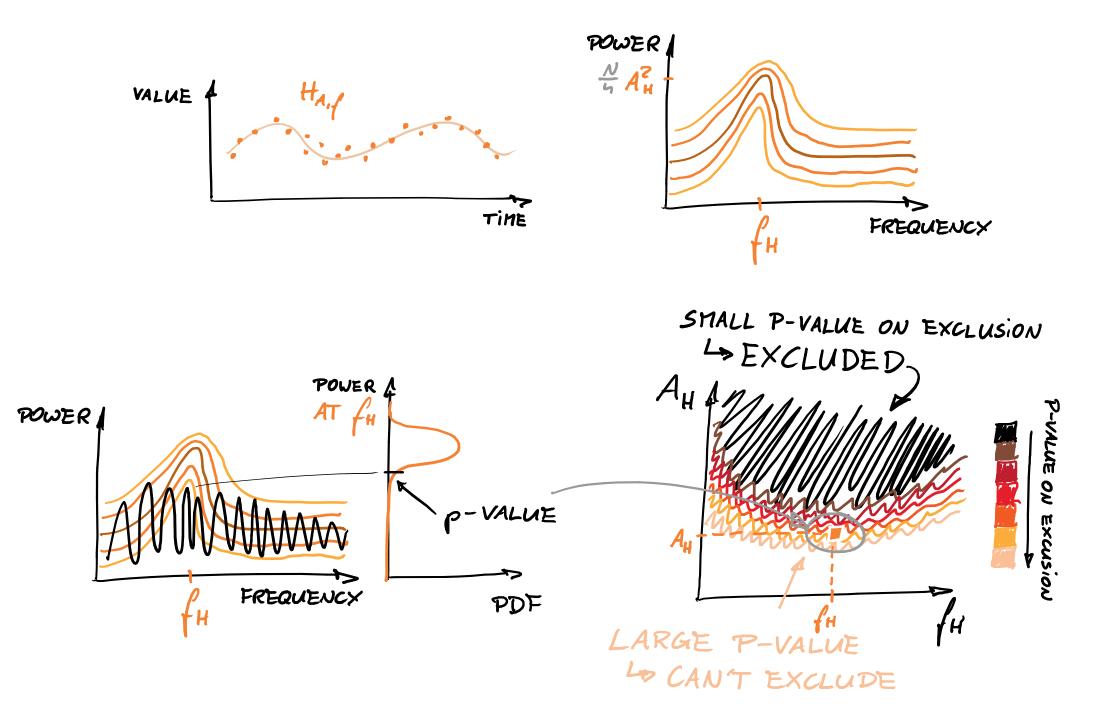


FREQUENCY

IS THERE AN OSCILLATION? TEST NULL HYPOTHESIS COMPATIBILITY WITH DATA



WHAT CAN BE EXCLUDED ?



Ho $\alpha = 596$ Ho

REJECT Ho

P (REJECT H, | Ho) ≈ 1

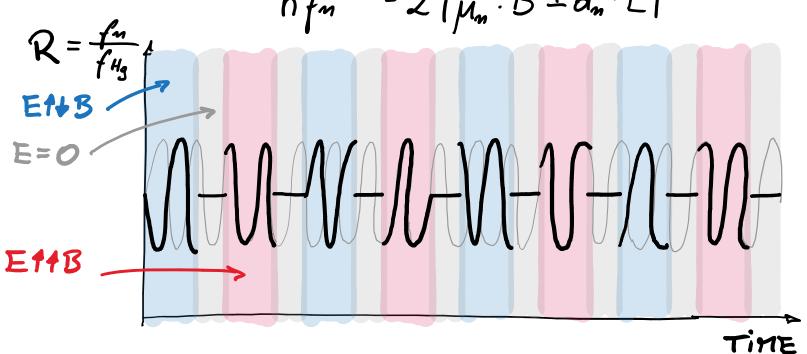
REJECT H₂ P (REJECT H₂ | H₀)
$$\approx 5\%$$

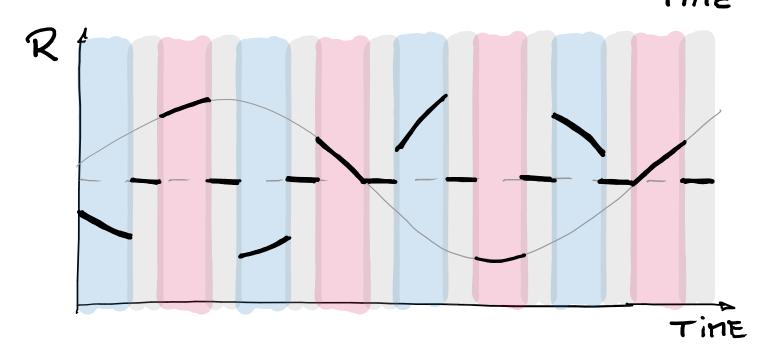
P (REJECT H₀ | H₀) = 5% (C.L. 95%)

$$P_{H_1} \rightarrow CL_S^{H_2} := \frac{P_{H_0}}{P_{H_0}} = \frac{0.05}{\approx 1} \approx 0.05$$

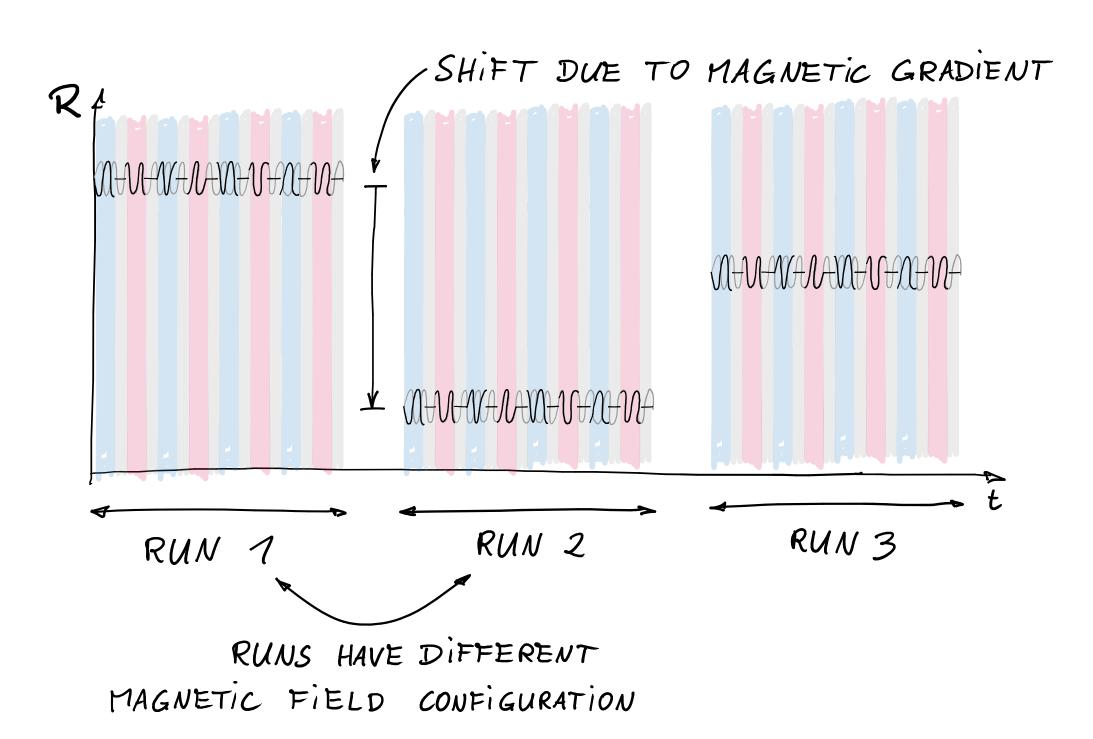
$$P_{H_2} \rightarrow CL_S^{H_2} := \frac{P_{H_2}}{P_{H_0}} = \frac{0.05}{\approx 0.05} \approx 1$$
Never

HOW WOULD THE SIGNAL LOOK? $h \int_{m}^{tt/1t} = 2 | \overrightarrow{\mu}_{m} \cdot \overrightarrow{B} \pm \overrightarrow{d}_{m} \cdot \overrightarrow{E} |$

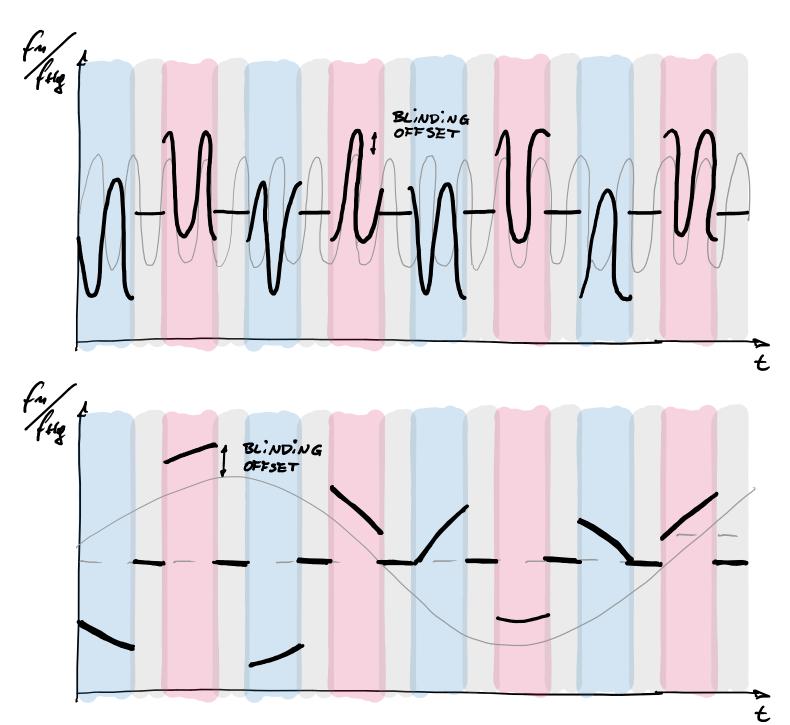




HOW WOULD THE SIGNAL LOOK?

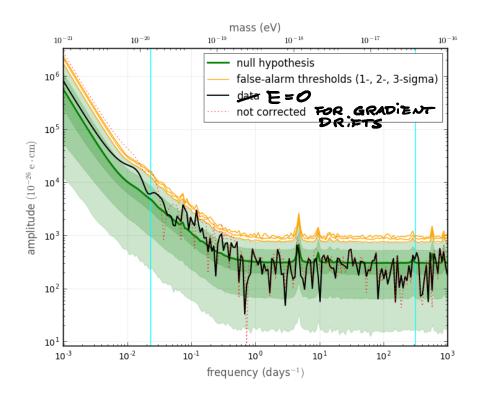


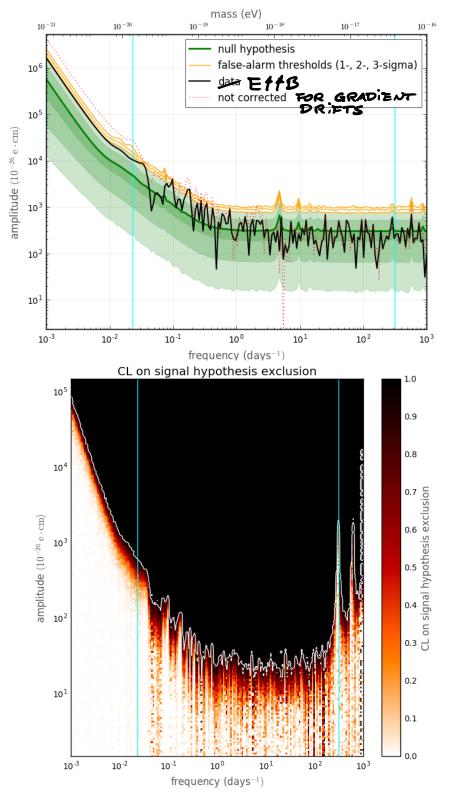
HOW WOULD THE SIGNAL LOOK?

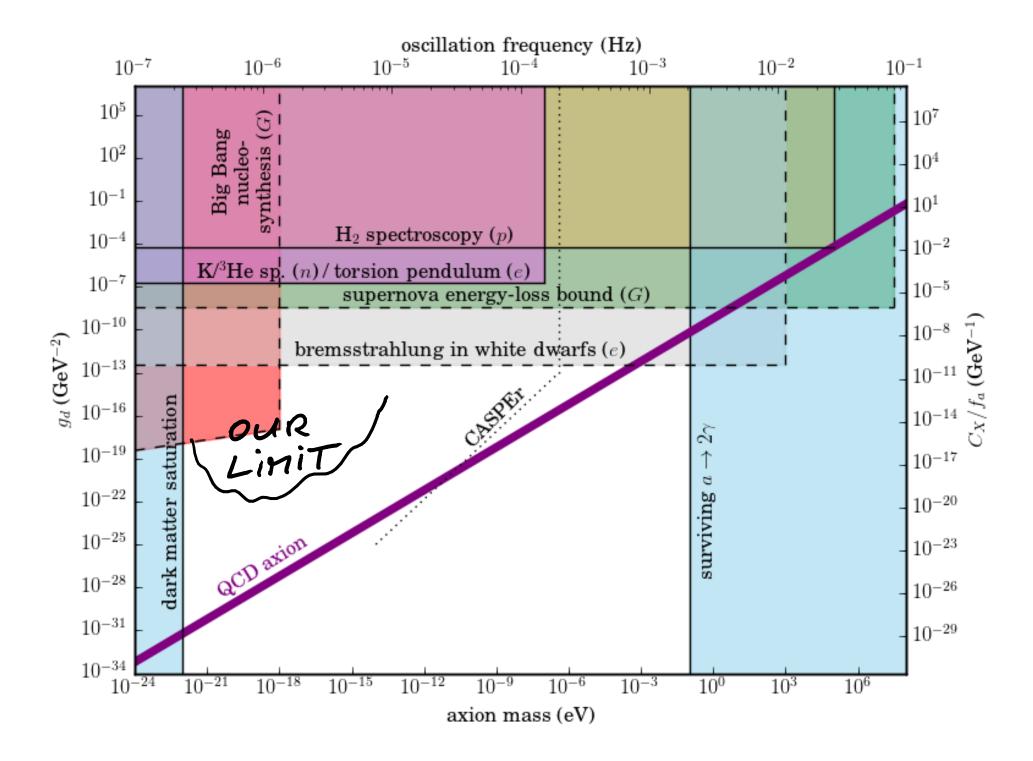


- ANALYSE E=0, E11B, E11B SEPARATELY
- IN FIT HAVE A SEPARATE OFFSET IN EACH RUN
- CORRECT FOR IN-RUN GRADIENT FLUCTUATIONS WITH CESIUMS DATA
- OSCILLATION AVERAGED OVER TIME BETWEEN TO PULSES

40 DAYS OF DATA AWALYSED







TO DO:

- REFINEMENT: USE REAL TIMES OF TO PULSES
- ALALYSE WHOLE DATASET
- MERGE RUNS (NEED INPUT FROM - EST ANALYSIS)

AXION WIND