

A twenty-four-panel cartoon labeled “xkcd: Significant” above the cartoon panels.

Panel 1: A woman runs toward a man exclaiming “Jelly beans cause acne!” The man points to the right and shouts “Scientists! Investigate!” A voice off of the panel responds, “But we’re playing Minecraft!... Fine.”

Panel 2: Two scientists stand next to one another with the results of their study, they say “We found no link between jelly beans and acne ($p > 0.05$).”

Panel 3: The man says to the woman “That settles that. The woman responds, “I hear it’s only a certain color that causes it.” The man shouts to someone outside of the panel “Scientists!” The scientists outside of the panel respond “But Minecraft!”

Panel 4: Two scientists stand next to one another with the results of their study, they say “We found no link between purple jelly beans and acne ($p > 0.05$).”

Panel 5: Two scientists stand next to one another with the results of their study, they say “We found no link between brown jelly beans and acne ($p > 0.05$).”

Panel 6: Two scientists stand next to one another with the results of their study, they say “We found no link between pink jelly beans and acne ($p > 0.05$).”

Panel 7: Two scientists stand next to one another with the results of their study, they say “We found no link between blue jelly beans and acne ($p > 0.05$).”

Panel 8: Two scientists stand next to one another with the results of their study, they say “We found no link between teal jelly beans and acne ($p > 0.05$).”

Panel 9: Two scientists stand next to one another with the results of their study, they say “We found no link between salmon jelly beans and acne ($p > 0.05$).”

Panel 10: Two scientists stand next to one another with the results of their study, they say “We found no link between red jelly beans and acne ($p > 0.05$).”

Panel 11: Two scientists stand next to one another with the results of their study, they say “We found no link between turquoise jelly beans and acne ($p > 0.05$).”

Panel 12: Two scientists stand next to one another with the results of their study, they say “We found no link between magenta jelly beans and acne ($p > 0.05$).”

Panel 13: Two scientists stand next to one another with the results of their study, they say “We found no link between yellow jelly beans and acne ($p > 0.05$).”

Panel 14: Two scientists stand next to one another with the results of their study, they say “We found no link between grey jelly beans and acne ($p > 0.05$).”

Panel 15: Two scientists stand next to one another with the results of their study, they say “We found no link between tan jelly beans and acne ($p > 0.05$).”

Panel 16: Two scientists stand next to one another with the results of their study, they say “We found no link between cyan jelly beans and acne ($p > 0.05$).”

Panel 17: Two scientists stand next to one another with the results of their study, they say “We found a link between green jelly beans and acne ($p < 0.05$).” Someone off screen responds to the scientist’s results, saying “WOAH!”

Panel 18: Two scientists stand next to one another with the results of their study, they say “We found no link between mauve jelly beans and acne ($p > 0.05$).”

Panel 19: Two scientists stand next to one another with the results of their study, they say “We found no link between beige jelly beans and acne ($p > 0.05$).”

Panel 20: Two scientists stand next to one another with the results of their study, they say “We found no link between lilac jelly beans and acne ($p > 0.05$).”

Panel 21: Two scientists stand next to one another with the results of their study, they say “We found no link between black jelly beans and acne ($p > 0.05$).”

Panel 22: Two scientists stand next to one another with the results of their study, they say “We found no link between peach jelly beans and acne ($p > 0.05$).”

Panel 23: Two scientists stand next to one another with the results of their study, they say “We found no link between orange jelly beans and acne ($p > 0.05$).”

Panel 24: A newspaper shows a headline “Green jelly beans linked to Acne!” with illegible text below.

Another section of the story reads “95% confidence!” with illegible text below it.

Another section of the story reads “Only 5% change of coincidence” with illegible text below.

A photo of green jelly beans appears on the page of the newspaper.