Impressive climate science

2025-11-04

These are the results of a pilot study, pre-testing stimuli to strengthening trust in climate scientists. These pilot studies will inform and support an intervention proposal to a megastudy.

Descriptives

condition	n
random	76
control	76
impressive	146
combination	150

condition	trust_mean	compe-tence_mean	benevo-lence_mean	in-tegrity_mean	open-ness_mean
random	71.18	75.99	70.13	72.62	65.97
control	82.09	87.25	82.81	82.13	76.18
impressive	80.18	86.33	80.45	80.03	73.93
combina-tion	77.36	81.23	79.25	77.04	71.92

Stats

Plot

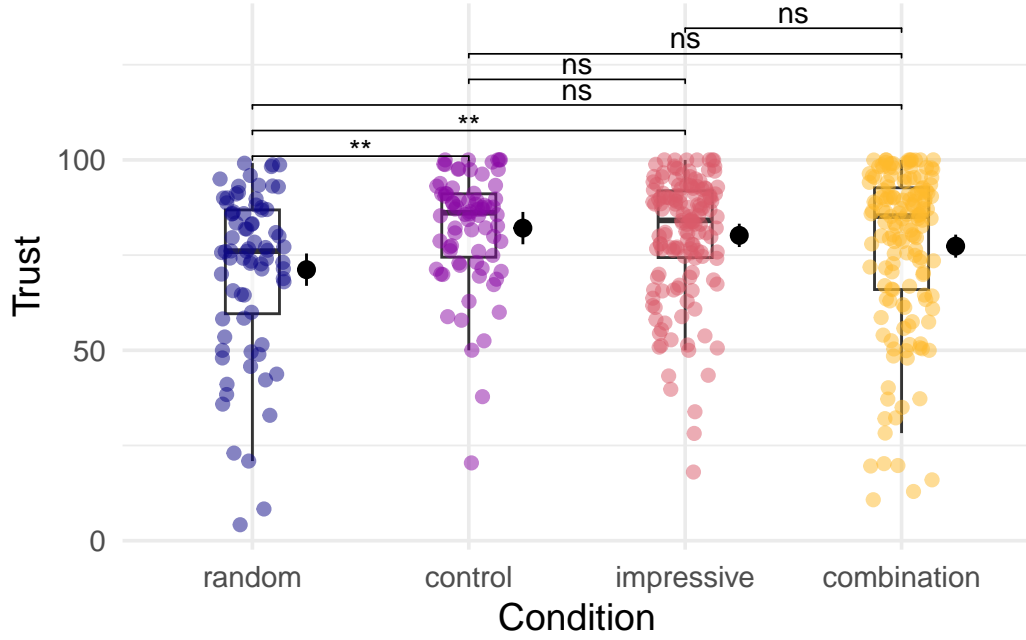Figure 1: Comparison of the different experimental groups. Asterixes represent adjusted (for multiple comparison) p-values, with adj.p.value < 0.001 ~ "***, adj.p.value < 0.01 ~ **", adj.p.value <= 0.05 ~ "*", adj.p.value > 0.05 ~ "ns" (not significant). Black dots and whiskers reprent model predictions and 95% CIs.