

Abstract: There have been many recent proposed remedies for significance-testing mischief (alternately: “questionable research practices”, “replicability crisis”, “false positive findings”, “*p* hacking”). The proposed remedies can be sorted into (a) ones that didn't work when they were previously suggested (up to half a century ago), (b) ones combining past ineffective suggestions with new technology that might improve their prospects, and (c) novel proposals. There is little chance of dealing successfully with significance-testing mischief without understanding the properties of the research–publication system that sustain it. This talk will evaluate proposed remedies in terms of their prospects for either removing causes or preventing damaging consequences.