Cambridge University Press 978-1-107-04106-6 — Finding Pathways Nicholas Weller, Jeb Barnes Index <u>More Information</u>

Index

case, 148 See also case studies; qualitative research case control strategies. See case selection for pathway analysis case selection for pathway analysis case control strategies and, 44-45, 48, 66, 148 compared to variable-based approaches, 53 horizontal comparisons and, 44, 62, 84, 101 N-stretching strategies and, 54 random sampling and, 45-46 residual-based approach and, 57, 151 use of distributional plots and, 38, 60, 80, 92, 98 use of scatterplots and, 41, 42, 53, 62, 96, 110 variable-based approach and, 49-52, 151 variation in case characteristics, 52, 151 vertical comparisons and, 43, 62, 85, 101 visualizing variation in the data and, 40, 62, 80-83, 92, 142 within-case comparisons and, 48, 53, 84, 95, 100 See also expected relationship between

X1 and Y: variation in case characteristics case studies definition of, 4, 148 limitations of, 5 strengths of, 4 the search for mechanisms and, 4-5 See also qualitative research causal effect, 148 causal inference, 148 causal mechanisms. See mechanisms causal process observations, 5, 148 See also process tracing comparative pathway analysis See pathway analysis control cases, 52 See also variation in case characteristics control variable, 149 direct and indirect pathways scenario, 26, 151 effect cases, 52 See also variation in case characteristics equifinality definition of, 16, 149 problem of, 16, 123 expected relationship between X1 and Y compared to average treatment effect, 38

definition of, 6, 33, 61, 149

CAMBRIDGE

Cambridge University Press 978-1-107-04106-6 — Finding Pathways Nicholas Weller , Jeb Barnes Index More Information

161	Index	
	illustration of, 62, 65, 80, 82, 93, 96, 109–10	multiple exclusive pathways scenario, 27, 151
	marginal effect approach and, 39 matching and, 95, 102 non-linearity and, 50	multiple non-exclusive pathways scenario, 27, 123, 151
	predicted probabilities and, 38, 80, 110 versus observed relationship between X1 and Y, 21–22, 34–35, 36 versus pathway value, 59	non-outcome cases, 53 <i>See also</i> variation in case characteristics non-treatment cases, 53 <i>See also</i> variation in case characteristics
	front-door criterion, 125, 126, 143, 149	pathway analysis analytic requisites of, 22–23, 60, 74, 90
	horizontal comparisons. <i>See</i> case selection for pathway analysis	criteria for "good," 145 definition of, 6, 149, 150 definition of mechanisms and, 9, 14
	intervening variable, 150	distinguished from effects-of-causes and causes-of-effect research, 19–21
	Mahalanobis distance, 40, 94, 95, 150 matching, 40–41, 89, 95, 150 measurement, 30–31, 76–77, 86	distinguished from pathway cases, 16 distinguished from process tracing, 15–16
	mechanisms ability to manipulate, 15 case studies and the search for, 4–5 contested nature of, 11 continuing search for, 7, 145–47 definition of, 11–15, 150 direct and indirect pathways scenario and, 26 multiple exclusive pathways scenario and, 27 multiple non-exclusive pathways scenario and, 27 observability of, 12 single pathway scenario and, 24–26 mixed-method research, 10, 140, 150 appeal of in searching for mechanisms, 3, 5–6 multi-method research. <i>See</i> mixed- method research multiple causal pathways. <i>See</i> equifinality	functional form and, 69 future quantitative studies of mechanisms and, 118, 137 mechanism-centered research agendas and, 8 need for, 8, 37, 42, 53, 54, 67, 114 non-linearity and, 100, 110, 112 policy-oriented case studies and, 132–33, 143 purposes of, 8, 19, 33, 94 reading the literature for, 23–27, 28–30, 60, 74, 91, 142 uncertainty about mechanisms and, 27–29, 32, 53, 75, 142 pathway cases, 16 pathway value, 57, 61 process tracing definition of, 15, 150 distinguished from pathway analysis, 15–16

CAMBRIDGE

Cambridge University Press 978-1-107-04106-6 — Finding Pathways Nicholas Weller, Jeb Barnes Index <u>More Information</u>

162

Index

qualitative research definition of, 4 limitations of, 5 strengths of, 4 *See also* case studies quantitative comparative analysis (QCA), 51 quantitative research limitations of, 4 strengths of, 3

random sampling, 45–46, 86 See also measurement residual-based approach to case selection definition of, 57 illustration of, 59 See also case selection for pathway analysis

sensitivity analysis, 128, 130, 151 sequential ignorability, 75, 127, 129, 143, 151 single pathway scenario, 24-26, 124, 136, 151 stratified random sampling. See measurement, random sampling variable-based approach to case selection definition of, 49-52 illustration of, 51, 55 See also case selection for pathway analysis variation in case characteristics definition of, 6, 34 illustration of, 41, 52, 62, 99, 100 vertical comparisons. See case selection for pathway analysis

within-case comparison definition of, 151 *See also* case selection for pathway analysis