

Index

- Abecedarian Project, 144
 absolute difference, 120
 absolute income, 203, 212–214
 abusive parents, 140
 acetylcholine, 84
 Action for Happiness, 73
 active labour market policies (ALMPs), 176
 adaptation
 Easterlin paradox, 214–215, 242
 economic fluctuations and, 217
 partial, 58–59
 process of, 4, 48, 52
 total, 57–58
 unemployment and, 171
 addiction, 57
 ADHD, 84, 154, 158
 Adler, Arthur, 70
 Adler, Matthew D., 25, 31, 145
 adopted children studies, 86–87, 89
 adrenaline, 82
 affective wellbeing, 184, 270, 279
 age, wellbeing and, 104–106
 agency, influence on wellbeing, 33, 65, 187, 260, 263
 agglomeration benefits, 240
 Ahmadiani, Mona, 239
 Ahmedani, Brian K., 156
 air pollution, 10, 55, 240, 244
 airport noise, 244
 Akay, Alpaslan, 228
 Akinin, Lara, 64
 Alabrese, Eleonora, 278
 Albertsen, Karen, 190
 Alcock, Ian, 238
 alcoholism, 157
 Alesina, Alberto, 238
 Algan, Yann, 278
 Allcott, Hunt, 148
 altruism, 26, 288
 Alvarez-Diaz, Angel, 264
 Amabile, Teresa M., 196, 199
 Amato, Paul R., 140
 American National Election Study (ANES), 269
 American Psychological Association, 73
 Andersson, Gerhard, 161
 Andrews, Frank M., 42
 Anglo-Scottish Enlightenment, 1
 Angrave, David, 189
 Angrist, Burton, 143
 Angrist, Joshua D., 113
 Anisman, Hymie, 139
 anterior cingulate cortex (ACC), 80, 153
 anti-social behaviour, 89, 143
 Anusic, Ivana, 171
 anxiety
 in evolutionary psychology, 51, 73
 mindfulness and, 75–76
 unemployment and, 167
 anxiety disorder, 7, 154, 157
 adopted children studies and, 87
 cognitive behavioural therapy and, 5, 72–73
 diagnosis of, 128
 psychological treatment of, 158
 psychological treatment of, 160
 treatment gap in, 159
 Appleyard, Donald, 240
 approach/avoidance system, 56
 Arab Spring, 270
 Arampatzi, Efstratia, 270
 Aristotle, 25, 39–40, 221
 arts, wellbeing and, 229–230
 Artz, Benjamin N., 188
 attachment security, 139–140
 attention, 59, 73–74
 mindfulness and, 75
 Attention Deficit Hyperactivity Disorder (ADHD), 154, 158
 Aurelius, Marcus, 40
 authoritative parenting, 140
 automatic negative thoughts, 71
 autonomic nervous system, 81
 autonomy, 3, 65, 191, 193
 average treatment effect on the treated (ATT), 121, 123
 Ayuso-Mateos, José Luis, 154, 182
 Azeez, Rasheed Olawale, 199

- Baer, Ruth A., 75
 Bakosh, Laura S., 75
 Bandiera, Oriana, 188
 Banerjee, Priya, 145
 Barlow, David H., 155
 Barraclough, B. M., 155
 Bartels, Meike, 88, 169
 Bartolini, Stefano, 225
 Baselmans, Bart M., 90
 Baumeister, David, 83
 Beck, Aaron T., 5, 71–72
 Beck, Randall, 189
 Becker, Gary, 65
 behavioural economics, 56
 behavioural revolution, 72–73
 behavioural science, 56
 in wellbeing science, 34
 behaviourism, economic impacts of, 41–42
 Bell, David N., 171
 Bellet, Clement, 198, 243
 Belsky, Jay, 89
 Benjamin, Daniel, 23, 25, 65
 Bennett, K., 75
 Ben-Shahar, Tal, 73
 Bentham, Jeremy, 40, 43, 45, 48–50, 288
 Berg, Justin M., 191
 Berniell, M. I., 189
 Besley, Timothy, 254–255, 273
 Bessa, Ioulia, 192
 Betz, William, 228
 binary dependent variables, 119–120
 binary independent variables, 120
 Binder, Martin, 224
 biomarkers, of wellbeing, 25, 83
 biophilia, 239
 bipolar disorder, 86, 88, 154, 157
 Birkjær, Michael, 149
 birth rate, 45, 287, 292
 Biswas-Diener, Robert, 20
 Bjørnskov, Christian, 256–257
 Blakemore, Sarah-Jayne, 144–145
 Blanchflower, David G., 102, 105, 192
 Blasi, Joseph, 187
 Bloom, Nicholas, 186, 190, 197
 Blumenthal, Susan J., 155
 Blundell, Richard, 176
 Böckerman, Petri, 186
 body
 effects on mind, 83–85
 mind effects on, 81–83
 Bond, Timothy N., 29
 bonding capital, 228
 Borjas, George J., 192
 Boskin, Michael J., 216
 Bouckennooghe, Dave, 199
 Bowlby, John, 139
Bowling Alone (Putnam), 223
 Boyce, Christopher J., 217
 Bradburn, Norman M., 24
 brain activity, feelings and, 79–81
 brain measurements, 2, 35
Brave New World (Huxley), 48
 Bravo, Martínez, 276
 Brayfield, Arthur H., 194
 Brexit (UK), 278
 Breza, Emily, 186
 bridging capital, 228
 Bristol School Study, 141–142
 British Cohort Study 1970, 132
 British Household Panel Survey (BHPS), 149, 274
 Brodeur, Abel, 24
 Broome, John, 287
 Brough, Paula, 189
 Brown, Donald, 32
 Bryson, Alex, 182, 187, 192, 196
 Bubonya, Melisa, 173
 Buddhism, 5, 74, 76
 Budolfson, Mark B., 44, 247
 built environment, 240–245
 bullying, 147
 business cycle, wellbeing and, 100, 217
 Butz, Sebastian, 263
 Cadoret, Remi J., 83
 Camerer, Colin, 61
 Campbell, Angus, 34, 42
 Cantril ladder, 19, 28, 97, 257. *See also* life satisfaction
 wellbeing inequality and, 101
 Cantril, Hadley, 34, 42
 Card, David, 176, 214
 cardinal scale, 28–29, 41
 Carleton, Tamma A., 245
 Carlson, Michelle C., 223
 Carroll, Joseph, 263
 Case, Anne, 107, 155
 Caspi, Avshalom, 140
 charitable giving, 31, 287
 Chatterjee, Pranab, 191
 Cheng, Terence C., 104
 Chetty, Raj, 244
 Cheung, Felix, 270
 Chida, Yoichi, 155
 child abuse, 82–83
 children, wellbeing in, 107–108
 Chilvers, Clair, 160
 Chisholm, Dan, 159
 Choi, James J., 59
 Christakis, Nicolas A., 224
 circle of concern, 287
 Clark, Andrew E, 174

- Clark, Andrew E., 20, 57, 128–129, 131, 141, 143, 149, 155, 171, 173, 209, 212, 228, 231, 244, 283, 288–289, 292
- Clark, Ben, 241
- Clark, David M., 157, 159–160
- clean energy, costs of, 247
- Clifton, Jim, 188
- climate change, 10, 44, 236, 245, 291
- climate, effects on wellbeing, 236
- Cochrane Reviews, 157
- Coghill, David, 27
- cognitive behavioural couple therapy (CBCT), 158
- cognitive behavioural therapy (CBT), 70–73
 anxiety disorder and, 5, 72–73
 behavioural revolution and, 72–73
 cognitive revolution and, 71–72
 depression and, 89
- cognitive psychology, 43
- cognitive revolution, 71–72
- Cohen, Sheldon, 83
- Cohn, Alain, 64, 225
- Cole-King, Alys, 83
- Collaboration for Academic, Social and Emotional Learning (CASEL), 144
- collaborative scheduling procedures, 190
- collective action, 55–56, 245
- Collier, Paul, 229
- common currency, for decision-making, 17
- common mental disorders, 154
- communism, 140
- commuting, 10, 191, 236, 240–242
- comparator groups, 207, 212. *See also* social comparisons
- comparator income, 213–217
- compassion, 30, 75–76
- competence, 65, 139, 193
- conduct disorder, 154
- conflict, family, 140–141
- confounding variables, 168, 206, 256, 262, 273
- Confucius, 40
- consequentialism, 47–48
- continuous scale, 19, 28
- control groups, 30, 69, 121–122, 146, 148–150, 198, 214, 275
- controlled experiments, 69, 148, 279
- Cooper, Cary, 199
- correlation coefficients, 117–120, 123, 187, 207, 227
- corruption, 10, 225
- cortisol, 79, 82
- cost-benefit analysis, of wellness, 285–286
- cost-effectiveness analysis, 284–288
- Cotofan, Maria, 172, 175, 186–187
- covariance, 119
- covariance, genetic, 88
- COVID-19 pandemic, 97–98, 161, 175, 182, 187, 190
- Cowley, Jennifer, 19
- Crepon, Bruno, 176
- Cresswell, Maxwell J., 83
- crime, 227–228, 231
- critical value, 284
- cross-sectional regressions, 168, 259
- cut-off level, 284
- Dahl, Cortland J., 85, 144
- Dahl, Michael S., 186
- Dalai Lama, 76
- Danese, Andrea, 82, 140
- Danner, Deborah D., 81
- Dasgupta, Partha, 245
- Davidson, Richard J., 75, 79
- Davidson, Russell, 27
- Davis, Randall S., 192
- Day Reconstruction Method, 23
- Daykin, Norma, 229
- de Lazari-Radek, Katarzyna, 47
- De Neve, Jan-Emmanuel, 51, 62, 115, 169, 174, 186–187, 207, 217, 247, 267, 284
- Deacon, Brett J., 160
- Deaton, Angus, 122
- Deci, Edward L., 32, 65, 193
- Dee, Thomas S., 143
- default framing, 59
- default mode network, 80
- Delhey, Jan, 179
- Deters, Fenne G., 148
- Di Tella, Rafael, 263, 274
- Diagnostic and Statistical Manual (DSM5), 154
- Diener, Edward, 27–28, 42, 169, 181, 230
- difference-in-difference measure, 121, 123, 260
- digital revolution, 161
- DiJulio, B., 222
- Dillard, Annie, 179
- diminished sensitivity, 63
- diminishing marginal utility, of income, 204–205
- Disability-Adjusted Life Years (DALYs), 163
- discount rate, 246, 287
- DNA, evidence for wellbeing, 90
- Dohmen, Thomas, 213
- Dolan, Paul, 24, 46, 73, 163, 182, 224, 229–230, 244, 269
- domain satisfaction indicators, 179
- Donegani, Chiara Paola, 192
- dopamine, 84–85
- drugs, psychiatric, 84–85
- drugs, recreational, 83–84
- Duncan, Jeanne, 141
- Dunn, Elizabeth, 64, 140
- Dunning, Darren L., 75
- Durlak, Joseph A., 31
- Dustmann, Christian, 227
- Dutton, Jane E., 187
- dynamic inconsistency, 57

- Easterlin paradox, 203, 211, 213–215, 217
 Easterlin, Richard, 20, 42, 203, 211–213
 Ecological Momentary Assessment, 23, 26
 economics, in wellbeing science, 34
 Economist Intelligence Unit, 257
 Edgeworth, Francis Ysidro, 41
 Edmans, Alex, 31, 196
 effect size, 70, 76, 120, 124
 efficient situation, 55
 egalitarianism, 45–47
 Ehrenreich, Barbara, 74
 Eisenberger, Naomi I., 80
 Eley, T. C., 89
 Ellison, Christopher G., 231
 EMERALD consortium, 161
 Endicott, Henry Bradford, 194
 endocannabinoids, 84
 endogenous factors, 115, 123, 171, 176
 endorphins, 84
 endowment effect, 61
 English National Housing Survey, 243
 Enlightenment era, 40–41
 environment, natural, 237–239
 Environmental, Social, and Governance (ESG)
 dimensions, 193
 Epicurus, 39
 epinephrine, 82
 Epstein, Norman B., 150
 equity, 55, 175, 288, 293
 equivalent variation, 286
 Esping-Andersen, Gøsta, 261
 ethnic differences, 106–107
 ethnic diversity, wellbeing and, 228–229
 eudaimonia, 39
 eudaimonic measures, of wellbeing, 25–26
 Eurobarometer survey, 211, 273
 European Social Survey (ESS), 129, 186, 225, 227,
 263
 evaluative measures. *See* life satisfaction: as measure
 of subjective wellbeing
 evaluative wellbeing, 184, 270
 Evans, Dylan, 83
 evidence-based therapies, 7, 159, 161
 evolutionary psychology, 51, 73
 exogenous factors, 115, 129, 171, 176, 275
 exogenous natural variation, 198
 Experience Corps, 223
 experience machine, 48
 experience sampling methods (ESM), 182, 196, 200
 experimental method, 69–70
 experiments, 121–122
 explanatory variables, 113
 external phenomenon, 29
 externalities, 55, 65–66
 Falk, Armin, 213
 family conflict, 140–141, 149–150
 Fearon, R. P., 140
 feelings, brain activity and, 79–81
 Fehr, Ernst, 64
 Feinberg, David A., 150
 Ferejohn, John, 273
 Ferris, Laura J., 80
 field experiments, 197–198, 200
 fight or flight response, 81
 firmness, in parenting, 140
 fixed-effect regressions, 169, 182, 196
 Flavin, Patrick, 261, 269–270
 Flèche, Sarah, 143, 145, 260
 Fleurbaey, Marc, 65
 flexibility, in work, 8, 189–191
 Fonagy, Peter, 70
 Ford, Henry, 194
 Ford, Tamsin, 141, 147
 Fortin, Nicole M., 101, 104
 Fournier, Jay C., 159
 Fowler, James H., 32, 224
 framing, in decision-making, 59–60
 Framingham Heart Study, 224
 Frank, Robert H., 64
 Frederickson, Barbara L., 31, 51, 76, 145
 Fredriksson, Peter, 143
 free association, 70
 Freeman, Richard B., 192
 Freud, Sigmund, 70–72, 86
 Frey, Bruno S., 43, 241, 259–260
 Frijters, Paul, 23, 105, 170, 284, 292
 Fujita, F., 27
 functional Magnetic Resonance Imaging (fMRI),
 79
 fundamental human needs, 32
 future wellbeing, 110, 246, 287
 Gallup World Poll
 affect, 106
 day reconstruction in, 23
 emotions, 101
 government conduct, 255–256
 income effects, 208
 life satisfaction and democratic quality of
 government, 257
 life satisfaction and employment, 167, 180
 life satisfaction within and between countries, 19,
 32
 political ideology, 263
 political involvement, 267–271
 progressive taxation and wellbeing, 262
 religion, 230
 wellbeing inequality, 227
 worldwide distribution of wellbeing, 97
 gamma aminobutyric acid (GABA), 84
 Garde, Anne Helene, 190
 Gautier, Pieter, 176
 generalised anxiety disorder, 154

- genes
 environment and, 88–90
 wellbeing and, 85–90
 Genesove, David, 61
 genome-wide-association studies (GWAS), 90
 German Enlightenment, 49
 German Socio-Economic Panel (SOEP), 170, 244
 Giattino, C., 179
 Gibbons, Stephen, 239
 Gilbert, Daniel, 59, 73
 Gimenez-Nadal, Jose Ignacio, 103
 Gini index, 227
 Glaeser, Edward L., 65, 228
 Global Peace Index, 135
 glucose, 82
 Goetzke, Frank, 239
 Goff, Leonard, 227
 Golder, Scott A., 182
 Goleman, Daniel, 73, 76
 Good Behaviour Game, 144
 Goodman, Robert, 140
 goods and services, government expenditure on,
 262
 government
 conduct of, 30, 254–256
 democratic quality of, 256–260
 fundamental characteristics of, 254
 size of, 261–262
 Graham, Carol, 213
 Grant, Adam M., 191
 green space, 237–239
 Groh, Ashley M., 139
 gross domestic product (GDP), 1, 11, 17, 42, 133,
 246, 261–263, 270–271, 273
 Gross, James J., 145
 group-based performance pay, 186
 Gruber, Jonathan H., 287
- habituation, 57–59
 Haisken-DeNew, John P., 173
 Hallam, Susan, 145
 Halpern, David, 240
 Hamermesh, Daniel S., 189
 Hamilton, William D., 66
 Hanh, Thich Nhat, 75, 145
 Hanniball, John, 228
 Hanson, Rick, 74
 Hanushek, Eric A., 143
 happiness, teaching of, 144–146
 Happy Planet Index, 247
 Harbaugh, William T., 64
 Hare, Richard M., 47
 Harju, Jarkko, 192
 Harsanyi, Jan, 46
 Harter, James K., 188, 196
 Haworth, Claire M. A., 88, 92
 Headey, Bruce, 57
 health and wellbeing, 35
 health policy, 162–163
 Healthy Minds experiment, 146
 Healy, Andrew, 273, 275
 Heatherton, Todd F., 199
 Heckmann, James J., 144
 hedonic measures, of wellbeing, 23–24
 hedonic price, 239
 hedonic treadmill, 57
 hedonimeter, 41
 Helliwell, John, 18–20, 64, 97, 99, 134, 169, 182,
 221–223, 225–227, 229, 254–257, 280
 heritability, 88, 91
 heroin, 158
 Herrin, Jeph, 279
 Heston, Leonard, 86
 Hetschko, Clemens, 171–172
 Hetschkom, Clemens, 172
 Hicks, John, 41
 Hicks-Kaldor criterion, 42
 hierarchy of needs, 32
 Hills, Thomas T., 20, 257
 Hindriks, Frank, 48
 Hollon, Steven, 72
 Holt-Lunstad, Julianne, 221
 Holzel, Britta K., 75
 housing quality, 244
 Hoxby, Caroline M., 143
 human relations movement, 194
 Humphrey, Neil, 145
 Huppert, Felicia, 74
 Hutcheson, Francis, 40, 43, 45
 Huxley, Aldus, 48
 hypothetical questions, 285
- Iaffaldano, Michelle T., 194
 Ialongo, Nicholas S., 144
 identical twin studies, 5, 87, 89
 identifiable equations, 115
 Idstad, Mariann, 31
 Ifcher, John, 213
 immigrants, wellbeing of, 9, 228–229, 231
 immune system, overactivity of, 82
 Improving Access to Psychological Therapies
 (IAPT), 160
 income, 8–9
 comparison of, 212–214
 differences between countries, 210
 differences in, 204
 diminishing marginal utility of, 204–205
 effect on wellbeing, 205–209
 family, 141
 life satisfaction and, 205–209
 long-term growth of, 211–212
 as measure of wellbeing, 1
 policy considerations of comparison, 215–217
 independent variables, 117, 119–120, 259, 289

- individual optimum, 215–216
 individual performance pay, 186
 inequality, 226–227
 inflammation, 82
 Inglehart, Ronald F., 276
 inner state, 2, 29
 inner wellbeing, 140
 instrumental variables, 115–116, 123
 International Classification of Disease (ICD-11), 154
 International Social Survey Program (ISSP), 184
 inter-personal psychotherapy, 72
 intertemporal social welfare, 44
 interval scale. *See* cardinal scale
 Isen, Alice M., 31
 Ivlevs, Artjoms, 228
- Jacobs, Tonya L., 75
 Jahoda, Marie, 172
 Jaidka, Kokil, 24
 Jakobsson, Niklas, 143
 James, William, 41
 Jamshidi, Javad, 90
 Jebb, Andrew T., 205
 Jefferson, Thomas, 30, 40
 Jennings, Patricia A., 75
 job crafting interventions, 191
 job satisfaction, 179–181, 187–196
 group-based performance pay and, 187
 pay and, 186
 job security, 175, 181, 193
 Johnson, George F., 194
 Judge, Timothy A., 194
 just-noticeable difference (JND), 28–29
- Kahneman, Daniel, 4, 24, 42, 56, 61, 182, 285
 Kaiser, Caspar, 29
 Kaldor, Nicholas, 42
 Kameråde, Daiga, 189
 Katz, Lawrence F., 190
 Kelly, Erin L., 190, 197
 Kendler, Kenneth S., 89
 Kennedy, Robert, 42
 Kessler, Judd B., 31, 154
 Kessler, Ronald C., 153
 Keyes, Corey L. M., 26
 Keynesian economics, 62
 Kiecolt-Glaser, Janice K., 83
 Kim-Cohen, Julia, 154
 Kind, Michael, 173
 King, David, 247
 King, Vanessa, 73
 Kirby, James N., 76
 KiVa programme, 147
 Kling, Jeffrey R., 244
 Knabe, Andreas, 172, 176
 Knack, Stephen, 224
- Knies, Gundi, 147
 Kok, Bethany E., 76
 Krekel, Christian, 73, 195, 238, 245
 Krueger, Alan B., 27, 46, 103, 143, 161
 Kruse, Douglas, 186
 Kubzansky, Laura D., 83
 Kuo, Frances E., 238
 Kuznets, Simon, 42, 272
- laboratory experiments, 197, 237
 Lades, Leonhard K., 182
 Laibson, David, 57
 laissez-faire, 4, 56
 Lane, Tom, 64
 Langella, Monica, 228
 Langenkamp, Alexander, 268
 Layard, Richard, 20, 50, 55, 71, 84, 87–88, 140, 145, 150, 156–157, 175, 204, 215–216, 285
 Lazarsfeld, Paul Felix, 172
 Lazear, Edward P., 186, 188
 Lee, Hyunjung, 31
 Leichsenring, D., 70
 length of life, 287
 LePine, Jeffrey A., 184
 Lepinteur, Anthony, 189
 Levinson, Arik, 244
 Lewis-Beck, Michael S., 273
 Liberini, Frederica, 274, 278
 libertarian paternalism, 60
 Lieberman, Matthew D., 80, 221
 life cycle, wellbeing and, 127
 life expectancy, WELLBYs and, 108–110
 life satisfaction
 Arab Spring and, 270
 changes over time, 20
 by country, 21
 country differences in income and, 210
 employment status and, 167–171
 income and, 205–209
 as measure of subjective wellbeing, 18–20
 physical illness and, 161–162
 political attitudes and, 277
 political interest and, 264, 268
 variation of within countries, 19
 welfare expenditures and, 261
 Lim, Chaeyoon, 231
 Lim, Lena, 140
 Lindholm, Annika, 270
 Lindqvist, Erik, 208
 linear probability model (LPM), 119
 List, John, 61
 Locke, John, 40
 Loewenstein, George, 59, 217
 Loewenstein, Richard, 59
 logit analysis, 119, 123
 loneliness, 221
 longevity, 31, 81

- Longhi, Simonetta, 228
 Lordan, Grace, 146
 Lorenzini, Jasmine, 270
 loss aversion, 60–63, 217, 246
 Ludwig, Jens, 244
 Luechinger, Simon, 244
 Lykken, David, 169
 Lyubomirsky, Sonja, 64, 73, 189
- Macchia, Lucia, 161
 MacKerron, George, 182
 Maddison, David, 236
 Maguire, Eleanor A., 85
 major depression, 89
 Malhotra, Arvind, 273
 Mappiness app, 182, 235–237
 Marcus, Jan, 173
 Martela, Frank, 193, 226
 Marx, Karl, 243
 Mas, Alexandre, 190
 Maslow, Abraham, 32
 Mayo, George Elton, 194
 Mazzucato, Mariana, 247
 McHugh, R. Kathryn, 160
 McManus, Sally, 154–155, 159
 Meade, James E., 287
 Meaney, Michael, 139
 measurement error, 116, 123, 131, 206
 mediating variables, 105, 116, 206
 meditation, 74–76
 Meier, Stephan, 189, 224
 Melhuish, Edward C., 144
 Mellor-Marsá, Blanca, 191
 men, wellbeing in, 101–104
 Menesini, Ersilia, 147
 mental health, of parents, 141
 mental illness, 129
 economic impacts of, 156–157
 treatment of, 157–158
 Messner, Steven F., 261
 Methot, Jessica R., 187
 Metzler, Hannah, 24
 Michels, Nathalie, 59, 83
 Mill, John Stuart, 41, 45
 mindfulness, 74–76
 Mindfulness-Based Stress Reduction (MBSR), 75
 Minnesota Twin Registry, 87
 misery, variation of in adults, 131–132
 Mistry, Rashmita S., 141
 miswanting, 59
 Moen, Phyllis, 190, 197
 momentary happiness, 182
 Montgomery, Mark R., 237
 Moore, Brian, 147
 Moore, Sophie E., 145
 moral philosophy, 51
 Mudde, Cas, 276
- Muldoon, Jeffrey, 194
 Murabito, Joanne M., 82
 Murthy, R. Srinivasa, 222
 Murthy, Vivek, 221
 Mykletun, Arnstein, 81
- nanny state, 50
 Napie, Jaimie L., 263
 National Depression Detection and Treatment Program, 161
 national income. *See* gross domestic product (GDP)
 National Institute for Health and Care Excellence (NICE), 157, 163, 284, 286
 natural experiments, 189, 200, 237, 260, 271, 279–280
 naturalistic data, 121, 123
 negative automatic thoughts, 71
 negative externality, 8, 215, 218
 Nelson, Charles A., 140
 neo-classicalism, 193, 217
 neuroplasticity, 85
 neurotransmitters, 83–84
 New Economics Foundation, 247
 Ng, Jason Wei Jian, 276
 Nicholson, Amanda, 156
 Nikolova, Milena, 173
 noise, 244–245, 248
 Nowakowski, Adam, 277
 Nozick, Robert, 48
 nudge, policy of, 60
 Nussbaum, Martha, 17
- O'Connor, Kelsey J., 262
 obsessive-compulsive disorder (OCD), 154
 OCEAN, dimensions of personality, 91
 odds ratio, 119–120
 Odean, Terrance, 61
 Odermatt, Reto, 28, 58, 287
 Ogbonnaya, Chidiebere, 188
 Oishi, Shigehiro, 262
 Okbay, Aysu, 90
 omitted variables, 114–115, 123, 131, 169, 206–208
 Onraet, Emma, 263
 Orben, Amy, 148
 ordinal scale, 28–29
 Ordinary Least Squares (OLS), 114
 original position, 46, 58
 Ortiz-Ospina, Esteban, 280
 Oswald, Andrew J., 29, 102, 105, 169, 197, 199
 Otake, Keiko, 59
 Ott, Jan C., 255–257
 overarching good, 1
 overemployment, 189
- Pacek, Alexander, 261
 pain, neuroscience of, 80

- Pan, An, 155
 panel data, 169, 206
 panic attacks, 154
 parasympathetic nervous system, 82
 parental involvement, 141
 parental relationships, 140
 parents
 wellbeing effect of, 139–142
 Pareto improvement, 41
 Parfit, Derek, 287
 Pargament, Kenneth I., 231
 parity of esteem, 160
 Park, Seong-Hyun, 237
 Parks, Greg, 144
 partial adaptation, 58–59
 Patten, Scott B., 155
 Paul, Gordon, 72
 Pavlov, Ivan, 41, 72
 pay, workplace wellness and, 185–186
 Perez-Truglia, Ricardo, 25, 214
 performance, work, 193–200
 Perry Pre-School project, 144
 personality, wellbeing and, 90–91
 Persson, Torsten, 254, 273
 Peterson, Christopher, 260
 Pfeffer, Jeffrey, 192
 phenylketonuria, 89
 philosophy, in wellbeing science, 35
 phobias, 154, 161
 physical illness
 life satisfaction and, 161–162
 wellbeing and, 155
 Pinker, Steven, 18, 20, 74, 100
 Pirralha, André, 269
 placebo effect, 83
 Pleck, Joseph H., 140
 Plomin, Robert, 86–88, 90
 Pluess, Michael, 89
 political interest, 264, 268
 political involvement, 267–271
 political orientation, 262–264
 political philosophy, 51
 populism, 267, 276–280
 positive psychology, 5, 73–74
 criticisms of, 74
 Poskiparta, Elisa, 147
 post-traumatic stress disorder (PTSD), 72, 154
 Powdthavee, Nattavudh, 173
 pre-school interventions, 144
 presenteeism, 156
The Principle of Morals and Legislation (Bentham), 40
 prioritarianism, 46, 50
 Prisoner's Dilemma, 64
 probit analysis, 119, 123
 procedural utility, 260, 264
 Programme for International Student Assessment (PISA), 107
 progressive taxation, 262
 propensity score matching, 123–124, 275, 280
 pro-social behaviour, 64, 140
 prospect theory, 61, 63
 Proto, Eugene, 197
 Proudfoot, Judith, 159
 Prozac, 84
 Pryce, Joanna, 190
 Przybylski, Andrew K., 147
 psychoanalysis, 70–71
 psychological therapy, 7, 72, 85, 158–161, 164
 economic benefits of, 159
 effectiveness of, 160–161
 physical benefits of, 159
 shortfalls of, 159–160
 psychology, in wellbeing science, 34
 public good problem, 245
 Putnam, Robert D., 223, 228

 Quality-Adjusted Life Years (QALY), 45, 163, 284
 quasi experiments, 113, 198, 200

 Rabin, Matthew, 57, 61
 Radcliff, Benjamin, 261, 263
 Raichle, Marcus E., 80
 Railton, Peter, 49
 random assignment, 122, 124, 198, 275
 randomised-controlled trial (RCT), 69
 Raphael, David D., 40
 Rath, Tom, 187
 Rawls, John, 46
 realistic thinking, 74
 redundancy, 171, 175
 reference point, 61
 relatedness, 65, 193, 279
 relative income, 203, 207, 212–214
 religion, participation in, 230–231
 reporting functions, in psychology, 29
 representation, on company boards, 192
 responsibility, individual, 55–56
 revealed preference, 285
 reverse causality, 115–116, 169, 206, 209
 Ricard, Matthieu, 64
 Rietveld, Cornelius A., 90
 Ricketta, Michael, 196
 Rilling, James, 64
 Ritov, I., 285
 Robbins, Lionel, 41
 Roest, Annelieke M., 156
 Rogers, Carl, 70
 Rollman, Bruce L., 159
 Rosling, Hans, 100
 Roth, Anthony, 71
 Rothbard, Nancy P., 196
 Roysamb, Espen, 88
 Rudolf, Robert, 171
 Runciman, W. A., 63

- Rush, Augustus J., 71
 Ryan, Richard M., 65, 193, 260
 Ryff, Carol D., 25, 32, 260
- Sachs, Jeffrey D., 247
 Sacks, Daniel W., 100, 207
 Sadler, Katherine, 154, 159
 Salmivalli, Christina, 147
 Satin, Jillian R., 156
 scarring, from unemployment, 171–172, 177
 Schadke, David, 59
 schizophrenia, 85, 87, 154, 157
 Schkade, David A., 236
 Schlenker, Barry R., 263
 Schneider, Daniel, 190
 school discipline, 147
 schools, wellbeing and, 142–143
 Schoon, Ingrid, 189
 Schutte, Nicola S., 83
 Schwartz, Shalom H., 64
 Scruton, Roger, 49
 Seder, J. Patrick, 27
 selection bias, 122–123
 self-control, 57
 Self-Determination Theory (SDT), 193
 selfishness, 49–50
 self-reports
 predictive power of, 27
 rating scales of, 28–29
 reliability of, 26
 Seligman, Martin, 5, 18, 73
 Semrau, M., 161
 Sen, Amartya, 2, 17–18, 27, 32, 47–48
 serotonin, 84
 Sgroi, Daniel, 197
 Shakya, Holly B., 148
 Singer, Peter, 288
 Singla, Daisy R., 161
 Skidelsky, Robert, 18
 Smart, John, 47
 Smith, Adam, 41, 55, 254
 Smith, Timothy B., 231
 Soares, Sergei, 190
 social and emotional learning (SEL), 144–145
 social capital, 222, 225, 228, 256, 291
 social comparisons, 66, 103, 148, 182, 212,
 214–216, 242
 social competence, 140
 social indicators movement, 2
 social media, 147–149
 social networks
 crime and, 227–228
 functions of, 224
 inequality and, 226–227
 trust and, 224–226
 volunteering and, 223–224
 social norms, 6, 9, 34, 65–66, 133–135
 social optimum, 215–216
 social pain, 80
 social prescribing, 230
 social relationships, 187
 social sanctions, 64
 social welfare, 43
 alternative concepts of, 46–47
 intertemporal, 44
 social welfare function, 51
 Socio-Economic Panel (SOEP). *See* German Socio-
 Economic Panel (SOEP)
 sociology, in wellbeing science, 34
 Solnick, Sara J., 215
 somatosensory cortex, 80
 Sorkin, Andrew R., 276
 spatial equilibrium, 238–239
 Specht, Jule, 91
 sports, participation in, 230
 standard errors, 116–117
 standardised equations, 119
 standardised variables, 120
 statistics, in wellbeing science, 34
 Steptoe, Andrew, 31, 81–82
 Stern, Nicholas, 245–246
 Stevenson, Betsey, 102–103, 107
 Stigler, George J., 65
 Stiglitz, George, 65
 stigma, 145, 160
 Stoicism, 5, 40
 Stolle, Dietlind, 228
 stress, 81
 Stutzer, Alois, 241, 259–260
 Suchak, Malini, 64
 suicide, 226
 wellbeing and, 155
 Sunstein, Cass, 56, 60
 Suomi, Stephen J., 139
 Suppa, Nicolai, 173
 sympathetic nervous system, 81
 systematic desensitisation, 72
- Tan, Erwin J., 223
 Tavits, Margit, 263, 274
 Tay, Louis, 32
 Taylor, Frederick Winslow, 194, 209
 teachers, 142
 technological lag, 160
 Tellegen, Auke, 87
 Tenney, Elizabeth R., 195, 197
 Tett, Robert P., 199
 Thaler, Richard, 56, 60–61
 Theodossiou, Ioannis, 171
 therapeutic alliance, 70
 time series estimation, 123
 timing, of effects, 116
 Tims, Maria, 191
 Toffolutti, Veronica, 159

- treatment gap, 159
 treatment group, 69
 Tromholt, Morten, 148
 trust, 224–226
 wallet experiments and, 224–225
 trustworthiness, of others, 65
 Tversky, Amos, 56, 61, 63
 Twenge, Jean M., 148
 twin studies, 85–86
- Ulrich, Roger S., 237
 UN Sustainable Development Goals (SDGs), 247
 UN Sustainable Development Solutions Network, 253
 unconditional love, 6, 139
 underemployment, 167, 189
 Understanding Society Survey, 129
 unemployment, 7
 anxiety and, 167
 children's wellbeing and, 173
 effects on family, 173–174
 effects on the community, 174
 misery and, 119
 painfulness of, 172
 policy implications of, 175–176
 scarring effects of, 171–172
 unions, work, 192–193
 unselfishness, 64
 urban design, 240
 US Business Roundtable, 193
 Uslaner, Eric M., 228
 utilitarianism, 41, 43, 45, 47, 50
- Van der Weijer, Joost, 88
 Van Kessel, Stijn, 276
 Van Praag, Bernard M. S., 244
 van Schaik, Digna J. F., 160
 Van Wingerden, Jessica, 188
 variables, explanatory power of, 117–119
 Varieties of Democracy project, 50, 257
 Veenhoven, Ruut, 28, 267
 veil of ignorance, 46
 ventral striatum, 79
 Verduyn, Philippe, 149
 visual analogue method, 28
 visual analogue scale, 19, 235
 Volkow, Nora D., 80
 voluntary exchange, 4
 volunteering, 223–224
 Von Beyme, Klaus, 276
 voting preferences, 272–276
 in United Kingdom, 274–275
 in United States, 275
- wallet experiments, 224–225
 Wang, Philip S., 161
 Wang, Senhu, 230
- Ward, George, 31, 267, 273, 275, 277–278
 Washbrook, Elizabeth, 141
 Watson, John B., 41
 Weare, Katherine, 146
 weather, effects of, 198, 236
 Weber-Fechner effect, 29, 205
 Weinstein, Neil, 49
 Weinstein, Netta, 237
 Weitz-Shapiro, Rebecca, 269
 welfare expenditures, 261
 wellbeing
 adult, 128–132
 affective measures of, 181
 age and, 104–106
 the arts and, 229–230
 benefits of, 31
 business cycle and, 100, 217
 childhood predictors of, 132–133
 in children, 107–108
 climate effects on, 9–10
 community effects on, 9
 commuting and, 240–242
 cost-benefit analysis and, 285–286
 democratic quality of government and, 256–260
 ethnic differences and, 106–107
 ethnic diversity and, 228–229
 evaluative measures of, 181
 governmental conduct and, 254–256
 government effects on, 10–11
 government expenditure on goods and services and, 262
 government size and, 261–262
 green space and, 238–239
 housing quality and, 244
 income and, 8–9
 income as measure of, 1
 income comparison and, 212–214
 income effect on, 205–209
 of immigrants, 228–229
 life cycle and, 127
 long-term growth of income and, 211–212
 measurement of, 3
 in men, 101–104
 natural environment and, 237–239
 noise and, 244–245
 as overarching good, 1
 over life-course, 105
 parental effects on, 139–142
 personality and, 90–91
 physical illness and, 155
 political orientation and, 262–264
 populism and, 276–280
 progressive taxation and, 262
 quality of work and, 7
 religious participation and, 230–231
 schools and, 142–143

- social norms effect on, 133–135
- sports participation and, 230
- suicide and, 155
- unemployment and, 7
- voter preferences and, 272–276
- in women, 101–104
- worldwide distribution of, 97–99
- wellbeing indicators, 17
- wellbeing inequality
 - changes over time, 99–101
 - personal factors in, 5
 - social factors in, 6
 - social networks and, 226–227
 - worldwide distribution of, 97–99
- wellbeing policy
 - cost-effectiveness of, 284–285
 - development of, 288–290
 - experiments and, 290–291
 - goals of, 283–284
 - worldwide efforts, 291–292
- wellbeing science, 7, 12, 34–35, 44, 50, 56, 65, 163, 229, 242, 261
 - benefits of, 30–31
 - purpose of, 283
- wellbeing, adult, 128–132
 - differences in, 130–132
 - education and, 141
 - family and, 141
 - health and, 128
 - income and, 128, 130–131
 - variation of misery and, 131–132
 - work and, 128
- wellbeing, future, 43–44
- wellbeing, subjective, 1
 - brain activity and, 27
 - in cities, 241
 - criticisms of, 47–51
 - defined, 18
 - eudaimonic measures of, 25–26
 - hedonic measures of, 23–24
 - life satisfaction as measure of, 18–20
 - personal factors affecting, 19
 - third-party reports and, 27
- wellbeing, workplace
 - interesting work and, 191
 - pay and, 185–186
 - purpose and, 191
 - unions and, 192–193
 - work hours and, 189–191
 - work performance and, 193–200
 - workplace relationships and, 187–189
- WELLBYs
 - birth rate and, 287
 - as comparative measure, 7
 - cost-effectiveness of wellness policies and, 284
 - defined, 11
 - discount rate and, 246
 - Happy Planet Index and, 248
 - life expectancy and, 108–110
 - natural environment and, 238
 - non-humans and, 288
 - wellbeing over time and, 43–44
- Wells, Kenneth B., 159
- Welsch, Heinz, 244
- White, Judith B., 216
- White, Mathew, 238
- whole economy, 62
- Wilkinson, Richard G., 226
- Williams, J. Mark G., 155
- Williams, M., 75
- Williams, Mark, 75
- Wilson, Edward O., 239
- Wilson, Sandra Jo, 82, 147
- Wilson, Timothy, 144
- Winkelmann, Liliana, 170, 173
- within-person changes, 169, 176
- Witte, Caroline T., 270
- Wolke, Dieter, 147
- Wolpe, Joseph, 72
- women, wellbeing in, 101–104
- Wootton, Richard, 88
- work
 - happiness and. *See* job satisfaction
 - importance of, 167–171
 - life satisfaction and, 167–171
- work hours, 189–191
- work relationships, 187–189
- work, interesting, 191
- work, purposeful, 191
- working hours, 189
- work-life balance, 189–190, 193
- World Bank, 254
- World Happiness Report, 11, 19, 253
- World Values Survey, 169, 223, 227, 263, 268
- Yip, Winnie, 225
- Zaccaro, Stehen J., 75
- Zajonc, Robert B., 59
- Zeno the Stoic, 39
- Zhong, Yang, 269
- Zinn, John Kabat, 75