

Index

- Abel, Wilhelm, 4, 65–67, 103–104, 115, 165–166, 210
- Acemoglu, Daron, 6–7, 9–11, 31–32, 102, 159, 176–177, 210
- Achilles, Walter, 4, 104, 115, 210
- Africa, 5, 13, 55–56, 19
- agriculture, 30, 38, 63–65, 96, 102, 131–132, 156, 165, 191–192, 197, 207, 219, 221–223
- Akbar, the Great
 (Mughal Emperor 1556–1605), 34
- Allen, Robert C., xi, 4, 7, 12, 14, 17, 66, 68, 104, 107, 115, 165, 169, 174–178, 182, 190–194, 202, 207, 211, 222
- Americas, 11; *see also Latin America; United States*
- Amsterdam, 53, 75, 95, 106, 135, 138, 169, 172, 190, 202, 207, 210, 224
- Asia, i, viii, 13–16, 27, 29, 32, 36, 56, 62, 70, 89–90, 147, 149, 159, 166, 175–176, 181–182, 184, 186, 207, 211, 213, 215–216, 219–220, 222, 224
- Aurangzeb, Abul Muzaffar Muhi-ud-Din Mohammad (Mughal Emperor 1658–1707), 30, 160
- Austria, 3, 39, 67, 171
- Bairoch, Paul, 39, 211
- Baltic, 4, 12, 17, 29, 57, 66, 68, 211, 217, 224
- Banerjee, Tarasankar, 36, 56, 58, 61, 212
- Bangladesh, 27, 157, 168, 200; *see also British India*
- Banjara, 44, 60, 62; *see also merchant communities*
- Bateman, Victoria N., 3, 5, 109, 111, 148, 212
- Bhutan, 27
- Black Sea, 27, 29
- Brandenberger, Anton, 10, 127, 212
- Braudel, Fernand, 29, 67–68, 154, 166, 212–213
- Britain, 3, 5–7, 55, 112, 171, 173, 209, 216, 218, 225; *see also England*
- British East India Company, 35
- Broadberry, Stephen, xi, 14, 173–175, 201, 207, 213
- Burma, 27
- California School, 14, 17, 62, 147, 149, 181; *see also Frank, Andre Gunder; Great Divergence; Parthasarathi, Prasannan; Pomeranz, Kenneth; Wong, Bin R.*
- Cameron, Rondo, 3, 37, 54, 58, 181, 213
- capital, 2–3, 6–7, 20, 32–35, 40, 55, 101, 159, 213, 215, 222, 224–225
- Chilosi, David, xi, 102, 107, 112, 213
- China, 5, 8–9, 11, 14–17, 33, 41, 47, 62, 67, 71, 77, 89, 95–96, 114, 149, 175–176, 178, 182, 211, 218, 221, 223, 225
- Christianity, 33, 159
- Clark, Gregory, 4, 9–10, 178, 213
- climate
 disease environment and, 30, 102, 155, 225
 drought, 30, 60, 64, 11, 133

- historical climatology, 131–133, 213
 Little Ice Age, 30, 37, 130–131, 133, 156, 216, 221
 monsoon, 30, 42, 46, 51, 58, 60, 84, 96, 155, 157
 rainfall, 30, 47, 60, 64, 102, 115, 132, 134, 153, 155, 162, 212
 temperate, 29–30, 64, 155, 222
 tropical, 29–30, 102, 155, 222
 coal, i, 3, 7, 14, 30, 41, 54, 182
 colonialism, 3, 6, 10, 14, 32, 36, 44, 58, 61, 63–64, 151, 157–158, 164, 166–167, 172, 174–175, 177, 182, 210, 212, 216, 221, 224
 Columbus, Christopher, 5–6, 11, 90, 109, 148, 176, 178, 220
 competition, 2, 41, 57, 161, 170
 Confucianism, 33, 214
 consumer price index (CPI), 202; *see also living standard*
 culture, 13, 15, 31, 33–34, 38, 46, 120, 159, 218–219, 221, 224; *see also institutions; religion*
 Deloche, Jean, xii, 42–44, 46–47, 52, 163, 214
 demography, 14, 157, 219
 Diamond, Jared, 3, 31, 102, 214
 Divekar, V. D., 42, 44, 47, 60–61, 63, 120, 151, 164, 185, 188–190, 195–196, 201, 208, 214
 division of labour, 1, 4–5, 19, 41, 170, 179; *see also Smithian growth*
 Dreze, Jean, 30, 157, 223
 economic development
 economic growth, 1–6, 9–12, 15, 32–33, 38, 102, 159, 170–172, 176–179, 210, 213, 219–220, 224
 GDP, ix, 167–175, 181, 200, 213
 GDP per capita, ix, 168–173, 175, 181, 200, 213
 living standard, i, 14, 64, 131, 159, 167–177, 181–182, 210–211, 222–223
 market-led growth, 18, 172, 175, 181
 productivity, i, 2, 4–5, 14, 58, 165, 167–170, 181–182, 211, 216, 220
 proto-industrialisation, 37
 Smithian growth, 2–3, 5, 170–171, 178–179, 218
 technological progress, 4, 13, 220
 trade-led growth, 2, 5, 151, 171, 176, 178–179, 181
 wages, ix, 7, 14, 42, 60–61, 120, 149, 151, 164, 169–172, 174–176, 182–190, 195–196, 200–202, 207–209, 211–213
 Eichengreen, Barry, 40, 215
 Engerman, Stanley, 40, 215
 England, 6–7, 10, 12, 17, 37, 39, 48, 53, 68, 114, 118, 159–161, 168, 172–173, 175, 177, 207, 210–213, 217–218, 220, 222, 224–225
 enlightenment, 160
 Europe
 Atlantic, 5–7, 11, 71, 102, 131, 177–178, 182, 209–210, 217, 220–221
 climate, vii, ix, 30–31, 64, 101–102, 119, 120–123, 130–141, 155–156, 199, 213–219, 221
 geography, vii, 3, 18, 29–31, 68, 101–120, 150–159, 180–181, 210, 213, 22
 institutions, i, 3–4, 6–7, 13, 15, 26, 31–40, 102, 152, 158–162, 177, 181, 210, 220
 many Europes, vii, 21, 101–118
 market integration, 3–22, 41–98, 101–118, 120–130, 145–152, 179–180, 211–221, 224–225
 Mediterranean, 17, 27, 29, 31, 57, 103, 112–114, 154, 168, 200
 rise of, 3–7, 9–11, 15, 18, 32, 102, 159, 169, 171–172, 176–177, 182, 210
 transportation system, i, 47–59, 161–167, 182
 exploitation, i, 14, 182
 famine, 11, 30, 61, 65, 75, 86, 94, 151, 156–159, 164, 172, 188, 208, 212, 214, 216–217, 219–221, 223–225
 Federico, Giovanni, xi, 5, 8, 11, 67, 91, 105, 109, 111, 148, 215
 Ferguson, Niall, 36, 215
 France, viii, 3, 11, 29, 38–39, 48–49, 51, 55, 67, 80, 86, 113–117, 158, 161, 165, 171, 193, 208, 214–215, 219–221, 224–225
 Frank, Andre Gunder, 149, 182, 215
 geography
 coast, 27, 29–30, 51, 53, 60, 63, 75, 103, 115, 150, 154, 163, 169, 201

- geography (cont.)
 landlocked, 17, 67, 75, 92, 103, 114–116,
 120, 124, 138, 141, 150, 152–154, 156,
 163, 168–172, 180
 lowland, 17, 103, 107, 115, 150,
 153–154, 163
 mountains, 27, 29, 134, 153–154
 physical, 27, 29, 103–104, 111, 115,
 119–120, 150–151, 153, 180
 soil, 30–31, 64, 102–103, 155, 162, 165
 topography, 26
 Germany, 11, 38–39, 55, 67, 104, 114, 125,
 132–133, 168–172, 212
 globalisation, 2, 5–6, 8–12, 39, 74, 87, 90,
 109, 148, 170, 178, 214–215, 217–218,
 220
 Göttmann, Frank, 10–11, 191, 193,
 196–197, 208, 216
 grain invasion, 9–10, 39, 65, 67, 94, 110,
 215, 220
 Great Divergence, i, iii, xi, 2–3, 13–16, 18,
 20, 62, 79, 145, 147–150, 169,
 173–176, 181–182, 201–202, 207,
 211, 213, 221, 223; *see also California
 School; Pomeranz, Kenneth*
 Gupta, Bishnupriya, xi, 14, 63, 173–175,
 201, 207, 213
 harvest, 54, 60, 64, 71–75, 77–78, 94, 103,
 130–131, 134, 138, 156, 165, 184–185,
 189–193, 195–197, 211, 214
 Helvetia, 113–118, 153; *see also Switzerland*
 Hinduism, 33
 Hurd, John II, 11, 56, 63, 90, 217
 India
 Bengal, 27, 46, 60, 63, 75, 89–90, 157,
 173, 184–185, 201, 208–209, 221, 224
 Bombay, 43, 57, 61, 73, 121, 158, 164,
 184, 187, 190, 195, 201, 207, 216
 British India, 27, 47, 60, 62, 90, 147, 158,
 185, 188, 210, 212, 223
 Calcutta, 57, 73, 94–95, 97, 184–185,
 188, 209, 212
 climate, 29–31, 58, 96, 133, 155–157,
 162, 224–225
 Delhi, 34, 43, 73, 94–95, 185, 188–189,
 208, 211–212, 214, 216, 218–219, 221,
 223–224
 Ganges, 29, 51, 57
 geography, 27–29, 151–154
 Indian nationalists, 57, 147, 158, 172
 Indian Ocean, 27, 57, 63, 213
 institutions, 31–36, 158–161
 Madras, 57, 73–74, 133, 183, 185–186,
 209, 224
 market integration, 70–98, 120–130,
 145–152
 Pune, ix–x, 35, 73, 82–83, 94–95,
 120–123, 128–130, 151, 163,
 185–186, 189–190, 196, 201, 208
 Surat, 34, 43, 53, 185, 188
 transportation system, 40–47, 51–60,
 153–155, 161–167
 Indonesia, 11, 89, 186, 207
 industrial revolution, i, 3–7, 9, 13, 17, 20,
 37, 41, 132, 151, 171, 173–174, 178,
 182, 211, 213–214, 217, 219, 223–225
 institutions; *see also culture; Europe; India;*
political system
 caste system, 32–33, 159
 private property, 6, 177
 social mobility, 33, 213
 invisible hand, 5; *see also Smith, Adam;*
Smithian growth
 Italy, 11, 38–39, 215
 Jacks, David, 8, 11–12, 17–18, 26, 41, 68,
 71, 86, 91–92, 95, 104, 107, 109, 111,
 192–194, 209, 217
 Japan, 11, 14, 89, 95–96, 176, 182, 186,
 208, 211–212
 Karachi, 57
 Kumar, Dharma, 15, 35, 47, 58, 61,
 212–214, 216, 218
 Landes, David S., 3, 13, 15, 31, 33, 10, 131,
 218
 Latin America, 13, 55; *see also New World*
 literacy, 12, 15, 32–33, 159
 London, 7, 29, 36, 50, 75–76, 95, 103, 106,
 126, 169, 172, 192, 202, 207–210,
 214–222, 224
 Malthus, Thomas Robert, 5, 9–11, 13, 39,
 68, 109, 127, 148, 178, 212, 218–220
 market
 interregional, 17, 138, 147
 long-distance, viii, 4, 10–11, 92–93
 market efficiency, 13–14, 16, 81, 86, 96,
 149, 215

- national, 10–12, 40, 63, 66, 79, 88–90,
 111–112, 115, 146, 151, 224
 regional, 10, 12, 15, 17, 20, 60–61,
 65–68, 70, 79–81, 87, 89–95, 112,
 120–131, 146–152, 157, 161,
 180–181
 market integration
 arbitrage, 65, 72, 82, 84–85, 96, 103,
 125–126, 129, 138, 154, 157
 big bang in, 4, 108, 110, 148–149,
 178, 180
 co-movement of prices, viii–ix, 67, 72,
 76–86, 90, 96, 104, 107–111, 115–118,
 121–125, 146–150, 153, 203,
 205, 224
 coefficient of variation, 88–89, 94, 107,
 116–117, 128
 correlation, ix–x, 7, 76–85, 103–112,
 116–118, 121–128, 146–149, 151,
 203, 205
 error correction model (ECM), x, 72,
 82–86, 125–127, 146, 203–205, 215
 law of one price, 11, 72, 78, 87, 215, 222,
 224
 price convergence, viii–ix, 7, 85–94,
 127–129, 146, 151, 221
 price differentials, 67, 72, 82, 86–88, 92,
 126, 146
 price dispersion, ix, 92–93, 104, 109,
 117–119, 127–129, 150–151
 price volatility, viii–ix, 86, 94–98, 104,
 116, 129–130, 146, 221
 Marx, Karl, 13, 219
 McAlpin, Michelle Burge, 47, 56, 61–62,
 157, 164, 219
 merchant communities, 44, 60, 101, 201, 214
 metric system, 40, 161
 Mexico, 11, 71, 214
 Middle East, 13, 41, 217
 Mokyr, Joel, 3, 33, 219
 monetary union, 40
 Murphy, Tommy E., xi, 102, 107, 112, 213

 Napoleonic Wars, 38–39, 93, 160
 Nepal, 27
 Netherlands, 6, 10, 12, 17, 39, 68, 118, 160,
 168–169, 172, 211, 224
 New World, 5–6, 32, 39, 215; *see also Latin
 America*
 North, Douglass C., 3, 6, 220
 numeracy, 12–13, 32–33, 159, 214

 Oezmucur, Süleyman, 5, 8, 11, 17, 67, 91,
 109, 148, 178, 220
 O’Grada, Cormac, xi, 11, 86, 156, 158, 220,
 223
 O’Rourke, Kevin, 5, 9, 11, 37–39, 65, 87,
 90, 93–94, 109, 148, 178, 211, 215,
 217, 220

 Pakistan, 27, 168, 210; *see also British India*
 Paris, 29, 44, 49, 75–76, 86, 91, 95, 106,
 193, 202, 208, 211–214,
 218, 223
 Parthasarathi, Prasannan, 14, 32, 36, 147,
 149, 159, 166, 175, 182, 209, 220
 Pax Britannica, 38, 160
 Persson, Karl Gunnar, 4, 8, 10–11, 17, 41,
 65, 67, 71, 74, 86, 91, 115, 126, 131,
 215, 220
 Pfister, Christian, xi, 107, 115, 130–135,
 152–153, 156, 191, 196, 198–199, 207,
 209, 212–213, 221
 policy
 corn laws, 39
 duties, 35, 39, 65–66
 liberalisation, 11, 39, 115, 161,
 223–224
 protectionism, 39
 tariff, 9, 19, 37, 39, 65–67, 92, 101, 161,
 204, 225
 trade, 8, 34, 39, 41, 101, 111, 161, 211
 political system
 absolutism, 32, 159
 capitalism, 2–3, 6, 33–34, 213, 215,
 224–225
 feudal system, 32
 Mughal Empire, 34–35, 53
 nation state, 19, 38, 66, 94, 115, 160
 political borders, 19, 112, 114–115, 150,
 153
 political fragmentation, 11, 19, 35, 61, 66,
 147, 223
 political stability, i, 34–35, 38, 40, 65, 159,
 161, 166–167, 181
 Pomeranz, Kenneth, 3, 14, 62, 147, 149, 182,
 221
 population, 13, 31, 37–42, 56–58,
 132, 158, 165, 200, 209,
 218–219
 Prakash, Om, 63, 221
 Protestantism, 3, 33, 224
 Pyrenees, 29

- Raychaudhuri, Tapan, 34, 222
 religion, 3, 33–34, 222; *see also* *Christianity*;
Confucianism; *Hinduism*;
Protestantism
 revisionist, 14, 17, 61–63, 147, 175–176; *see*
also *California School*
 Robinson, James, 31–32, 159, 210
 Rothermund, Dietmar, 35, 53, 56–57,
 61–63, 83, 88–89, 218, 222
 Roy, Tirthankar, xi, 30, 35–36, 42, 44, 51,
 56–57, 59–63, 166, 173, 222
 Rupee, 35, 74, 87, 183–190, 195–196, 200
 Russia, 11, 27, 29, 31, 39, 56, 65, 67, 110,
 154, 219

 Sachs, Jeffrey, 2, 31, 102, 222
 Sen, Amartya, 30, 157, 223
 Shiu, Carol, 8–9, 11, 14, 17, 19, 66–67,
 114, 175, 217, 223
 Siefert, Rolf Peter, 30, 41, 47, 51, 102–103,
 221, 223
 Smith, Adam, 1–6, 13, 169–170, 179,
 223; *see also* *Smithian growth*
 Sokoloff, Kenneth, 32, 215
 Spanish succession war, 110
 specialisation, 1, 4–6, 12, 40–41, 64, 127,
 131, 156, 170, 176, 178
 Sri Lanka, 27; *see also* *British India*
 structural change, i, 4, 13, 182, 224; *see also*
economic development
 Studer, Roman, i, iii–iv, xi, 107, 112, 169,
 190–194, 210, 213, 223
 Switzerland
 climate, xi, 130–141, 156, 199, 221
 geography, 119–120, 134
 market integration, 120–141, 151–152
 Zurich, i, ix–xii, 65, 75, 92, 106, 121,
 124–127, 139–140, 152, 169, 194,
 198–199, 207–209, 212–217

 Temin, Peter, 34, 224
 trade
 atlantic, 5–6, 11, 102, 177–178,
 210, 220
 cloth, 21, 61, 71, 132
 cotton, 5, 61, 184, 201, 209
 intercontinental, 4, 11, 14, 54, 58
 ivory, 61
 manufactured products, 6, 39
 maritime, 6, 11–12, 17, 29, 49–50, 53–54,
 63, 66, 68, 104, 154, 160, 177
 regional, 12, 38, 66, 68, 70, 121–124,
 126–129, 156–157, 161, 181
 rice, 60, 90, 207
 rye, 10, 17, 64, 120, 218
 slave, 5–6, 178, 215, 220, 225
 spelt, 120–121, 134, 195
 sugar, 5, 61
 triangular, 5, 177
 wheat, 10, 20, 63, 66–68, 73–75, 78,
 86–87, 91, 94–95, 108–109, 113,
 120–121, 132, 195–198, 202,
 212–213, 215, 218
 world, 6, 12
 transportation system
 canal, 17, 49, 51–53, 58, 118, 153, 163,
 213, 216
 capacity, 40, 53–54, 56, 62
 cart, 44, 46–49, 55–56, 58, 62
 costs, 4, 11, 19–20, 40–42, 46, 50, 54, 56,
 58–59, 61, 63, 68, 70–72, 77, 85, 103,
 111, 127–128, 147
 energy efficiency, 49
 freight costs, 40, 58
 human carriers, 47–49, 54, 162
 maritime shipping, 49–50, 53, 57, 63, 154
 navigation, 51–53, 214
 pack animal, 44, 46–49, 54, 162
 price of energy, 7
 railway, x, 4, 11, 19, 42, 54–66, 85,
 88–90, 102–103, 111, 118, 150, 155,
 163–166, 172, 180, 217–218
 river, 17, 29, 44, 49, 51–53, 57,
 59–60, 66, 68, 102–104, 118, 120,
 151, 153–155, 162–163, 183,
 214
 road, viii, 17, 42–49, 51, 56–62, 155–156,
 162–164, 212, 218
 steam engine, 7, 59, 154
 steam technology, 19, 41, 54–55, 155
 steamship, 4, 55, 216
 technology, 8, 18–19, 26, 40–59, 150,
 152, 161–167
 water transport, 49–50, 68, 101, 103,
 154, 177
 waterway, 12, 27, 42, 51–54, 59, 162,
 164, 214
 wells, 47
 Tunçer, A. Coskun, xi, 102, 107, 112, 213
 Unger, Richard, 4, 12, 17, 66, 68, 104, 107,
 115, 190–193, 211, 213

Index

231

- United Kingdom, 39, 169; *see also* *Britain; England*
- United States, 11, 37, 59, 65, 67, 186, 208, 210
- Ural, 27
- van Zanden, Jan Luiten, 11, 167, 211, 224
- Vanjari, 44, 60; *see also* *merchant communities*
- Ville, Simon P., 19, 41, 53, 55, 58–59, 224
- Voth, Hans-Joachim, xi, 7, 224
- Wallerstein, Immanuel, 6, 224; *see also* *world theorists*
- war, 10, 35–39, 75, 77, 88, 93, 109, 159–160, 207–208
- Weber, Max, 3, 33, 224
- Western Ghats
 climate, 133, 157, 162
 geography, 156–157
 market integration, 120–130, 151–152
- Williamson, Jeffrey, 5, 9–11, 14, 39, 87, 90, 109, 148, 178, 211, 217, 225
- Wong, Bin R., 14, 149, 182, 225
- world theorists, 62, 147, 181
- Yangtze Valley, 5, 89–90, 95–96, 186, 210–211