
Index

- Abadie, A. 341, 364, 382
Abrahms, M. 143, 146
Abu Issa, I. 146
accounting systems, costs of war and 299–302
Addison, T. 258
Ades, A. 181, 187
Afghanistan
 conflict in 250, 480
 costs 1, 293, 305–7
 mass killing 52
 corruption in 190, 431
 private military and security companies in
 486, 487–8, 501
 contractor personnel 488–90
 costs of PMSCs 492–3
 services provided by armed contractor
 personnel 492
 services provided by contractors 490–92
 terrorist attacks 145
African Development Bank (AfDB) 318, 319, 322
African Union (AU), peacekeeping by 241, 247, 249, 268
agriculture 323–4
AIDS/HIV 328
Akerlof, G.A. 150
Albania 240, 421, 422, 429
allocation of defence budgets 107–8, 110–12, 114–16, 136–8
 comparison of models' results 133–4
 Middle East region 127–35
 model 1: PM decides on defence budget level
 116–20, 128–30
 model 2: PM decides on defence budget level
 with arms race 120–21, 130–31
 model 3: PM decides on security level with
 arms race 122, 132–3
 model 3 extension: MOF accounts for
 security 134–5
al-Qaeda 151, 152, 153
Alvanou, M. 153, 166
anarchy, ordered 96–8
Anderton, C.H. 31
Andreoni, J. 149
Angell, Norman 11
appropriation in shadow of conflict 87–8
Arafat, Yasser 39, 146–7
Arce, D.G. 167
armed forces, *see* military sector
arms races 11, 22–3, 113–14
 allocation of defence budgets and 120–22
Arunatilake, N. 364
Assassins 151, 152
Atkinson, S.E. 147
Aum Shinrikyo 151
Azam, J.P. 363

Bae, S.H. 53, 60, 61
Bahmani-Oskoei, M. 180
Bal, I. 367
balance of trade 15
Balcerowicz, L. 440
Balkan conflict 420
 causes and consequences 422–3
 impact of economic sanctions 423–6
 post-conflict environment and context
 429–30
 reconstruction after conflict 430–32, 434–5
 Serbian military sector and 427
 theoretical approaches to post-conflict
 economic reconstruction 430–32
 war damage and regional economic impact
 427–8
 wider economic impacts 428–9
Bangladesh 283, 349
Barak, Ehud 39
Baran, P.A. 19
Bardhan, P. 178
bargaining perspective on conflict 29–31, 49–50
 empirical studies of war and 48–9
 peaceful settlement in 31–4
 rationalist sources of war in
 elimination of persistent rival 42–4
 incomplete information 34–6
 indivisibility of disputed assets 38–9
 malevolence 46–8
 political bias 44–6
 pre-emptive military technology 36–7
 preventive war 39–42
Barros, C.P. 382
Basque people 364; *see also* Euskadi Ta Askatasuna (ETA)
Bastiat, Frédéric 11
Bataille, Georges 83
Baudrillard, Jean 81

- Baum, J.A.C. 485, 486
 Becker, G. 176
 beliefs, terrorism and 150–52
 Bennett, D.S. 60, 382
 Berkok, U. 238
 Besley, T.J. 259, 260
 bias, political 44–6
 Bilmes, L.J. 496
 bin Laden, Osama 145–6, 153
 Blackwater 480
 Bobrow, D.B. 266, 267
 Boehmer, Charles 60
 Boeing 211, 213, 485
 Bonnett, H. 179
 Bosnia-Herzegovina 240, 320, 423, 430
 bossnapping 90–92
 Botswana 315, 319
 Boulding, Kenneth E. 321
 Bove, José 94
 Bowles, Samuel 81, 92
 Boyer, M.A. 267
 Brahimi, Lakhdar 240
 Braun, Werner von 198
 Brazil 184, 215
 Breton, A. 150
 British American Tobacco (BAT) 439
 Brito, D. 22, 23, 113
 Brzoska, M. 128
 budgets, *see* expenditure on military
 Bukharin, N.I. 18
 Bukkvol, T. 186
 Bulgaria 421, 422, 429, 430
 Bush, George W. 297
 business cycles 21–2
- Cameroon, corruption in 177
 Campos, N.F. 173
 Canada, peacekeeping and 267, 271, 272–4, 281–8, 289
 capital flight 319
 capitalist system
 challenge to notion of peaceful nature of 13–14
 Marxist view of 18–19
 probability of war reduced due to progress of 9–11
 Caplan, B. 144
 Carter, J.R. 31
 case studies 341–3
 dyads of states 342, 358–9
 conflicts 348–51
 country profiles 345–6
 findings of study 351–8
 military spending 347–8
 epigrammatic survey 343–5
 overview of conflict studies 363–6
 see also individual countries
 casualties of war 296–7, 301, 306, 368
 strategic bombing of Germany 472
 catastrophe theory 22–3
 causes of conflict 8
 centralization, military expenditure and 112–13
 Chalmers, Malcolm 403
 Charap, J. 177
 Chechnya 179, 186, 190
 Cheloukhine, S. 186
 Cheney, Dick 298
 Chesher, A.D. 390
 China, space and 197, 202, 215, 224–5
 Chiozza, G. 382
 Cioffi-Revilla, C.A. 113
 civil war 23, 179, 237
 costs of 315
 mass killing in 57–8, 61–74
 civilians
 mass killing, *see* mass killing
 Claessens, S. 184
 Coase, R.H. 143
 Coasian theorem 89–90
 coercion
 Coasian theorem and 89–90
 peacekeeping strategies and 252–4
 state monopoly of 96, 494–5
 workers' strikes and 90–94
 cognitive dissonance, terrorism and 150–52
 Cold War 8, 11, 22–3, 198–9, 216, 265, 318, 483
 collateral damage 88–9
 Collier, Paul 23, 58, 59, 184, 240, 254, 257, 314, 315, 325, 330, 363, 364
 Colombia 317, 323
 colonialism/imperialism 12, 16, 18, 318
 communications 329
 competition 13
 Concepción, S. 364
 conflict economics 1–3, 6–7; *see also* individual topics
 Congo, Democratic Republic of (DRC) 242
 Continental Tyres 92–4
 contracting
 defence resource management and 409–12
 see also private military and security companies
 coordination, destructive 96–8
 Cordesman, A.H. 125
 Cornes, R.C. 149, 154
 corruption 172–4, 190–92, 330, 431
 concern about 189–90
 conflict and

- econometric case study 181–4
 - impact of conflict on corruption 180–81
 - impact of corruption on conflict 179–80
- determinants of 176–7
- in developed countries 187–8
- in developing and transition countries 184–7
- impact on economy and society
 - high-level corruption 177–8, 189
 - low-level corruption 178–9
- model 174–6
 - from side of the corrupt official 188–9
- Costa Rica 313
- costs of conflict and violence 1, 29, 293–4, 307, 314–17, 315, 362–3, 364
 - as dissuasive factor 10–11
 - economic costs 302–5
 - future costs 301–2
 - underestimates
 - due to political misjudgement 295–7
 - due to poor accounting systems 299–302
 - due to short-termism 297–9
 - updated estimates of cost of Iraq/
 - Afghanistan wars 305–7
 - see also* expenditure on military
- costs of defence sector, *see* expenditure on military
- counter-terrorism policies 165–7
- Cowen, T. 166
- crime 312, 320
- Crimean War 483
- crises 82
 - conflict and 20–22
- Croatia 423, 428
- Csaba, Laszlo 441
- cyber attacks 85
- Cyprus 345, 346, 358–9
 - conflicts with Turkey 342, 350–51, 355–8
 - expenditure on military 347, 348
- Dalmazzone, S. 150
- Daniel, D.C. 241
- Daniels, Mitch 295
- de Soysa, I. 58
- death 86
 - attitudes to 81
 - see also* casualties of war; mass killing
- debt, finance of war and 10, 11, 12, 299, 303
- decentralization, military expenditure and 112–13
- defence resource management 394–6, 418
 - appraisal and evaluation 405–7
 - defence inflation 399–401
 - evaluation of peacekeeping activities 407–9
 - management of financial risks 417
 - manpower modelling 403–5
 - measuring defence output and productivity 398–9
 - outsourcing 412–14
 - planning, programming and budgeting 396–8
 - procurement and contracting 409–12
 - unit cost escalation 401–3
 - wider economic considerations 414–17
- defence sector, *see* military sector
- Deger, S. 353
- Del Monte, A. 187
- Delavallade, C. 183
- demobilization 323, 325
- democide, *see* mass killing
- democracy 12, 479
- Denmark 115
- destruction 79–80, 98–9
 - definition of destructive power 80–81
 - destruction as integral part of creation 81–2
 - multiple ingredients of destructive power 85–6
 - pure destruction or waste 82–5
- economic dimension of destructive power 86–7
 - appropriation in shadow of conflict 87–8
 - coercive logic of destructive power and Coasian theorem 89–90
 - collateral damage and real destruction 88–9
 - workers' strikes and coercive logic 90–94
- institutional dimension of destructive power 94–5
 - contractual versus predatory visions of the state 96
 - non-institutional character of threat power in rational conflict theory 95
 - ordered anarchy or destructive coordination 96–8
- determinism 17–18
 - economic 17–18
- deterrence, peacekeeping strategies and 255–6
- DeVore, M. 427
- Dew, John 241
- Di Tella, R. 181, 187
- Diamond, Larry 241, 295
- Dickens, W.T. 150
- diplomacy, peacekeeping strategies and 256–7
- disobedient terrorists 145–6
- displaced persons 368
 - Balkan region 429
- Dominican Republic 313
- Downey, W.G. 409
- Dowty, A. 248
- Doyle, M.W. 240

- Dunant, Henri 11
 Dunne, P. 341, 343, 344
 duration models 381–2
- East Timor 240, 242
 Easterly, W. 60
 Eaton, D. 185
 economic power, conflicts and 14–17
 Ederveen, S. 187
 Egger, P. 178
 Egypt
 economic growth 123, 124
 Egypt–Israel War (1967) 37
 military expenditure 126
 Eisenhower, Dwight 12
 Elbadawi, Ibrahim 240
 elimination of persistent rival 42–4
 Emmanuel, Arrighi 17
 empirical studies of conflict
 bargaining perspective on conflict and 48–9
 Turkey 370–74
 end of history theory 10
 Enders, Walter 23, 382
 enforcing peace agreements 257–8
 Engels, Friedrich 17
 Englebert, P. 177
 Eritrea, corruption in 179
 Eser, Tarik 367
 ETA, *see* Euskadi Ta Askatasuna
 ethnic cleansing 58–60
 ethnic minorities 318
 European Union (EU) 176, 350
 corruption in 187
 peacekeeping 241, 246, 247, 249, 268
 Serbia and 445, 448–50
 space industry 206, 210–11, 215
 dual-use strategies and partnerships
 230–31
 policy of autonomy and collaboration
 219–23
 strategic conflicts and partnerships 226–9
 Euskadi Ta Askatasuna (ETA) 377, 391–2
 data and results of study 385–90
 discussion 390–91
 history 377–81
 hypotheses 384–5
 literature survey 381–2
 method of study 383–4
 exchange rates 326
 Serbia 437–8
 expenditure on military 135–8, 331
 allocation of defence budgets 107–8, 110–12,
 114–16, 136–8
 comparison of models' results 133–4
 Middle East region 127–35
 model 1: PM decides on defence budget
 level 116–20, 128–30
 model 2: PM decides on defence budget
 level with arms race 120–21, 130–31
 model 3: PM decides on security level
 with arms race 122, 132–3
 model 3 extension: MOF accounts for
 security 134–5
 arms races 11, 22–3, 113–14
 allocation of defence budgets and 120–22
 case studies 347–8
 centralization versus decentralization
 112–13
 defence resource management 394–6, 418
 appraisal and evaluation 405–7
 defence inflation 399–401
 evaluation of peacekeeping activities
 407–9
 management of financial risks 417
 manpower modelling 403–5
 measuring defence output and
 productivity 398–9
 outsourcing 412–14
 planning, programming and budgeting
 396–8
 procurement and contracting 409–12
 unit cost escalation 401–3
 wider economic considerations 414–17
 effect on economy 109–10
 literature review 108–14
 Middle East region 125–7
 military Keynesianism and 20–21
 private military and security companies in
 Iraq and Afghanistan 492–3
 trends in 105–7
 Turkey 347, 348, 355, 357, 373–4
- Faria, J.R. 167
 Fatah 146–7, 152
 Fearon, J.D. 29, 30, 31, 36, 54, 179, 257, 258
 Festinger, L. 151
 Fielding, David 365
 financial crises 82
 conflict and 20–22
 financial risks, management of 417
 First World War 48, 83, 301
 first-mover advantage 2
 pre-emptive military technology 36–7
 fiscal policy 324–7
 Serbia 438
 Fischer, D. 37
 Fjelde, H. 187
 Flanigan, S.T. 166
 foreign direct investment (FDI) 327
 Balkan region 428

- corruption and 178
- Serbia 446–7
- forgery 86
- France
 - bossnapping 90–92
 - riots in 2005 79
 - strikes 92–4
- Frank, Gunder 17
- Frankland, N. 464
- Frey, B.S. 165, 166

- Gabon, corruption in 177
- Gaibullov, Khusrav 238, 267, 268, 282
- gain, mass killing for 56–7
- Galbraith, J.K. 13, 21, 468
- game theory 2
 - modelling of mass killing in 61, 74–5
- Ganguly, S. 178
- Gardezabal, J. 341, 364, 382
- Garfinkel, M.R. 30–31
- Garoupa, N. 144
- Gates, S. 144
- Gavish, Yeshayahu 37
- Geller, D.S. 49
- Geneva Conventions, Laws of Armed Conflict and 498–9
- genocide, *see* mass killing
- Gentzkow, M.A. 167
- Gerber, T.P. 186
- Germany
 - industrialization 16
 - Nazi regime 14, 46, 48, 197–8
 - peacekeeping 272
 - strategic bombing during Second World War 453–4, 475–6
 - area bombing 461–4
 - cost–benefit analysis 469–75
 - direct and indirect effects 465–6
 - estimating methods 460–61
 - general issues 458–60
 - invasion, final offensive and victory 457–8, 466–7
 - overall evaluation 467–9
 - precision bombing 464–5
 - RAF Bomber Command 455–6, 457, 458
 - USAAF bombing philosophy 456–7
 - war reparations 20–21
- Gil-Alana, L.A. 382
- Gilpin, Robert 15
- Gintis, Herbert 81, 92
- Giovannoni, F. 173
- Gligorov, V. 434, 435
- Goebbels, Josef 463
- Goemans, H.E. 382
- Golde, S. 113
- Goldstein-Ferber, S. 153
- Goodhand, J. 430–32, 435
- Goswami, G.G. 180
- Gottheil, F.M. 19
- Gray, M. 146
- Greece 345, 346, 358, 430
 - conflicts with Turkey 342, 349–50, 351, 352–3, 354–5
 - corruption in 187
 - expenditure on military 347, 357
- grievance 363–4
- Gros, Daniel 441
- Grossman, H. 88, 89, 95, 252, 256, 257
- Gunning, J. 325
- Gupta, S. 181, 182, 183
- Guyana 313

- Haavelmo, Trygve 88, 252
- Habib, M. 178
- Haddad, S. 166
- Haiti
 - peacekeeping in 267, 272–4, 281–8, 289
 - violence in 313
- Hamas 146, 152, 166
- Hardin, R. 150
- Harff, B. 53, 56, 58, 59
- Harm, C. 177
- Harris, Arthur 456, 457, 459
- Harris, G. 321
- Hartley, K. 204
- Hassner, R.E. 39
- Hayes, Beth 90
- health policies 328
- Hegel, Georg Wilhelm Friedrich 17
- Hegghammer, T. 151
- Heidelberg Institute Conflict Barometer 246
- Hibbs, D. 60
- Higgs, R. 173
- Hilferding, Rudolf 18–19
- Hilsenrath, P. 166
- Hirschman, A.O. 15, 85
- Hirshleifer, J. 30, 88, 252, 253, 255, 261
- history of economic thought on conflict 8–9, 24
 - contemporary analyses of conflicts 22–4
 - economic crises and conflict 20–22
 - Marxist theory 17–19
 - probability of war reduced due to progress of capitalism 9–11
 - rise in national economic power through conflicts 14–17
 - war resulting from failure of political system 12–14
- Hitler, Adolf 46, 48, 464
- Hobson, John 12

- Hoeffler, A. 59, 254, 257, 363
 Holocaust 58
 housing 304
 Hudson, J. 176, 182, 189
 Hurwicz, L. 112
- Idris, Waifa 153
 imperialism 12, 16, 18, 318
 incomplete information 34–6
 India 58, 345, 346, 358
 conflicts with Pakistan 342, 349, 351, 353–4
 corruption in 178
 expenditure on military 347, 348, 354
 peacekeeping and 283
 space and 197, 215, 224–5
 terrorist attacks 145
 indivisibility of disputed assets 38–9
 Indonesia 329
 industrial policy 16
 inequalities 318, 365–6
 infant industry protection 16
 inflation 320, 324
 defence inflation 399–401
 informal sector 320, 324
 institutional dimension of destructive power
 94–5
 contractual versus predatory visions of the
 state 96
 non-institutional character of threat power
 in rational conflict theory 95
 ordered anarchy or destructive coordination
 96–8
 International Commission on Intervention and
 State Sovereignty (ICISS) 249–50
 International Institute for Strategic Studies 282
 International Monetary Fund (IMF) 126, 318,
 324, 325, 327, 428, 432, 445
 international trade 17, 329
 balance of trade 15
 probability of war reduced due to 9–10
 interventionist theories 14–17; *see also*
 peacekeeping
 Intriligator, M.D. 23, 113
 investment, *see* foreign direct investment (FDI)
 Iran 42
 economic growth 123, 124
 military expenditure 126
 Iraq 42, 123, 480
 corruption in 177, 181, 187–8, 190
 costs of war 1, 11, 293, 294, 305–7
 economic costs 302–5
 future costs 301–2
 short-termism and 297–9
 underestimates due to political
 misjudgement 295–7
 underestimates due to poor accounting
 systems 299–302
 invasion of Kuwait 239
 private military and security companies in
 486, 487–8, 501
 contractor personnel 488–90
 costs of PMSCs 492–3
 services provided by armed contractor
 personnel 492
 services provided by contractors 490–92
 terrorist attacks 145
 irrational organizations 145
 disobedient terrorists 145–6
 leadership 146–7
 Islam 423
 Islamische Gemeinschaft Milli Görüs e.V.
 (IGMG) 151, 152
 isolation, terrorism and 151
 Israel 39
 conflicts 37, 39, 125
 economic growth 123, 124
 Egypt–Israel War (1967) 37
 military expenditure 126
 allocation of defence budget 111–12, 115,
 127–36
 space and 215
 suicide attacks 146, 152
 Italy 14, 187
- Jackson, M.O. 44
 Jagers, K. 59
 Jamaica 313
 Japan
 bombing campaign during Second World
 War 458
 peacekeeping 272
 Russo-Japanese War (1904–05) 36
 space and 215
 Jarstad, A.K. 240
 Jerusalem 39
 Jevons, William Stanley 82–3, 88
 joint production, terrorism as 148–9
 Jones, P. 176, 182
 Jordan 123
 peacekeeping and 283
- Kagan, K. 113
 Kallab, V. 126
kamikaze 162
 Kammler, Hans 283
 Kant, Immanuel 9
 Kaplan, A. 148
 Kapur, D. 149
 Kautsky, Karl 19
 Kenya 185

- Keynes, John Maynard 11, 20–21
 Keynesianism, military 20–21
 Khanna, Jyoti 267, 268, 271
 Khashan, H. 166
 Khwaja, A.I. 184
 kidnapping 90–92
 Kim, M. 88, 89
 King, J. 186
 Kirk, R.M. 148
 Kirkpatrick, D.L.I. 400, 401, 402, 403
 Klitgaard, R.E. 172
 Kondratiev, N.D. 21–2
 Korean War 239
 Kosovo 242, 249, 427, 428, 429
 Koubi, V. 343
 Kuperman, A.J. 42
 Kurdish separatism 356, 366, 367–8, 369
 Kuwait 239
 Kwok, C.C.Y. 187, 192
- Laitin, D. 54, 179
 Lamb, G. 126
 Lancaster, K. 147
 Le Billon, P. 179, 184
 learning process 82
 Lebanon 123, 242
 Lee, D.R. 148
 Leheny, D. 151
 Lendman, S. 497
 Lenin, V.I. 18, 19
 Lerner, Abba 92
 Levine, P. 113
 liberalism 17
 - military expeditions opposed to general interest 12–13
 - probability of war reduced due to progress of capitalism 9–11
- Lindsey, Lawrence 295
 List, Friedrich 14, 16–17
 Llewelyn, John 241
 loans, finance of war and 10, 11, 12, 299, 303
 Lockheed Martin 211, 213, 485
 Loescher, G. 248
 Lüchinger, S. 165
 Luttwak, E.N. 15
 Luxemburg, Rosa 18
 lying 86
- Macedonia 428, 430
 McGahan, A.M. 485, 486
 Maikovich, A.K. 147, 151
 malevolence, conflict and 46–8
 Mali 185
 Malle, Silvana 440
- Malthus, T.R. 10, 20, 57
 manpower modelling 403–5
 market system, space industry and 204–8
 Marx, Karl 17, 18, 19, 82
 Marxist economics 8, 17–19, 21
 mass killing 42, 44, 52–3, 74–5
 - for acquisition of resources 57–8
 - definitions 53–5
 - ethnic cleansing 58–60
 - for private gain 56–7
 - as strategy of choice 55–6
 - theoretical models 61–74
- Mathieu, Xavier 93, 94
 Mauro, P. 176, 183
 Mauss, Marcel 83
 Mendelson, S.E. 186
 mental health issues 299, 306, 368–9
 mercantilism 14–16, 17
 Mesnard, A. 363
 methods of conflict analysis 8
 Metzler, J.F. 44
 Mexico 186
 Mian, A. 184
 Miliora, M.T. 146
 military sector 12–13
 - demobilization 323, 325
 - expenditure on, *see* expenditure on military government and 318
 - pre-emptive military technology 36–7
 - Serbia 427
- Mill, John Stuart 10
 Mirabeau, Marquis de 9
 Moghadam, A. 152
 monetary policy 324–7
 - Serbia 437–8
- monopoly of violence 96, 494–5
 Montenegro 437
 Monty, M. 59
 Mookherjee, D. 112
 moral power 86
 Morelli, M. 44
 Mousseau, D. 59, 60
 Mun, Thomas 15
 murder 173
 Murdoch, J. 364
 Murshed, S. 258, 330
 Musgrave, R.A. 148
 Mwenda, A.M. 181
- Napoleonic Wars 482
 nation states 482–3
 - contractual versus predatory visions of the state 96
 - monopoly of violence/coercive force 96, 494–5
 - sovereignty 249

- national security
 - arms race and 122
 - global security environment 483
 - measurement of 108–9
- neoclassical economics 8
- neo-mercantilism 15
- neo-realism 15
- Nepal 283
- Netherlands 115
- New Zealand 115, 301
- Nigeria 172, 283
- Nilsson, D. 240
- Nobel Peace Prize 11, 237
- non-linear dynamics 22–3
- Nordhaus, William 295
- North Atlantic Treaty Organization (NATO)
 - 75, 126, 148, 198–9, 216, 420, 483
 - Balkan conflict and 424, 427
 - defence resource management 396
 - Kosovo campaign 429
 - Partnership for Peace (PFP) programme 450
 - peacekeeping 241, 246, 247, 249, 268
- O'Balance, E. 37
- Öcal, N. 349, 365
- O'Hanlon, M.E. 270
- oil prices 304
- Oneal, J.R. 10, 49
- ordered anarchy 96–8
- Organisation for Economic Co-operation and Development (OECD) 435–6
- Orviska, M. 189
- Ott, A. 53, 60, 61
- outsourcing 412–14
- overpopulation 10, 20, 57
- Oxfam 315
- pacifism 9, 11
- Pakistan 345, 346, 359
 - conflicts with India 342, 349, 351, 353–4
 - corruption in 184
 - expenditure on military 347, 348
 - peacekeeping and 283
- Palestine 39, 123
 - suicide attacks 146, 152
- Papagni, E. 187
- Pape, R.A. 143, 152
- Pareto, Vilfredo 12
- Partnership for Peace (PFP) programme 450
- Passy, Frédéric 11
- peaceful settlement
 - in bargaining perspective on conflict 31–4
 - enforcing peace agreements 257–8
- peacekeeping 237–9, 261, 265–7, 289
 - actors and objectives 248–50
 - background 239–48
 - burden-sharing and 267–8
 - non-UN-financed missions 268–9
 - UN finances and resource constraints 270–71
 - evaluation of peacekeeping activities 407–9
 - forms of intervention 250–51
 - future directions 289–90
 - model of private benefits in coalition
 - sustainment 271–2
 - construct 274–7
 - empirical results 281–8
 - equilibrium outcomes 277–80
 - model specification 272–4
 - strategies 252
 - coercion 252–4
 - deterrence, denial and punishment 255–6
 - diplomacy 256–7
 - enforcing peace agreement 257–8
 - reconstructing State capacity 259–61
 - side payments 254–5
 - trust funds 287–8, 289–90
- Peden, G.C. 469
- Perlo-Freeman, S. 494
- Persson, T. 259, 260
- Philippines 317
- Physiocrats 9
- Pinault, François-Henri 90–91
- Pittel, K. 143, 151, 154
- Polanyi, Karl 97
- political prisoners 97
- political systems 483–4
 - political bias 44–6
 - Serbia 447–8
 - underestimates of costs of war due to
 - political misjudgement 295–7
 - war resulting from failure of 12–14
- politicide, *see* mass killing
- population 10, 20, 57
 - policy on 327–8
- Potlatch 83–4, 86
- poverty 318, 320, 322
- Powell, Robert 29, 31, 258
- predation models 95, 96
- pre-emptive military technology 36–7
- prevention of conflict 2
- preventive war 39–42
- prisoners, political 97
- private gain, mass killing for 56–7
- private military and security companies (PMSCs) 319, 323, 479–81, 480, 500–502
 - accountability, regulation and law 497–500
 - core competences and sectoral boundaries of
 - private military and security companies 484–7

- cost–quality considerations 495–7
- historic perspective 481–4
- in Iraq and Afghanistan 486, 487–8, 501
 - contractor firms 493–4
 - contractor personnel 488–90
 - costs of PMSCs 492–3
 - services provided by armed contractor personnel 492
 - services provided by contractors 490–92
- state monopoly of coercive force and 494–5
- privatization
 - Serbia 438–40
 - see also* private military and security companies
- procurement
 - defence resource management and 409–12
 - space industry 212–14
- progress, probability of war reduced due to 9–11
- property rights 82
- protection 96, 97
- protectionism 14, 18
 - infant industry protection 16
 - mercantilism 14–16
- Public Finance Initiative (PFI) 412–14
- public goods, impure 148–9
- public works programmes 323
- Pugh, P. 401
- Punch, M. 187

- Quesnay, François 9, 11

- Rae, John 88
- Ram, R. 109
- Rapoport, D.C. 152
- Rathbone, A. 146
- rational conflict theory 87, 88, 89, 90, 95
- rationalist sources of war
 - in bargaining perspective on conflict elimination of persistent rival 42–4
 - incomplete information 34–6
 - indivisibility of disputed assets 38–9
 - malevolence 46–8
 - political bias 44–6
 - pre-emptive military technology 36–7
 - preventive war 39–42
- reconstruction/recovery after conflict 3, 321–4
 - framework conditions 330–31
 - monetary and fiscal policy 324–7
 - other policies 327–30
 - peacekeeping strategies and 259–61
 - Serbia 430–32, 434–5
 - theoretical approaches 430–32
- refugees 368
 - Balkan region 429
- Regan, P.M. 240, 247, 254
- religious differences 318
- remittances by migrants 329
- reprivatization of war, *see* private military and security companies
- resources
 - constraints on peacekeeping and 270–71
 - defence resource management 394–6, 418
 - appraisal and evaluation 405–7
 - defence inflation 399–401
 - evaluation of peacekeeping activities 407–9
 - management of financial risks 417
 - manpower modelling 403–5
 - measuring defence output and productivity 398–9
 - outsourcing 412–14
 - planning, programming and budgeting 396–8
 - procurement and contracting 409–12
 - unit cost escalation 401–3
 - wider economic considerations 414–17
 - mass killing for acquisition of 57–8
 - natural resource management 328–9
- revolutions 18, 149
- rewards, terrorism and 153
- Ricardo, David 10
- Richardson, L.F. 22, 113
- risk management 417
- robbery 89
- Robbins, Lionel 14, 321
- Robinson, Joan 21
- Rock, M.T. 179
- Rogerson, W.P. 112, 180
- Rohner, D. 166
- Roland, Gérard 440, 442
- Romania 421, 422, 429, 430
- Rose-Ackerman, S. 192
- Rowley, C.K. 146
- Rübbelke, D.T.G. 143, 147, 151, 154
- Rummel, R. 53, 54
- Rumsfeld, Donald 295, 298
- Russett, B.M. 10, 49
- Russia 14, 58, 98
 - corruption in 174, 179, 186, 189, 192
 - economic reforms 440–41
 - peacekeeping 247
 - Russo-Japanese War (1904–05) 36
 - space and 197, 198, 199, 200, 202, 215, 223–4
- Rwanda 249
 - mass killing in 42, 44, 58, 240
- Saint-Simon, Comte de 10
- Sakwa, R. 436

- Sambanis, Nicholas 54, 240
 Samuelson, Paul 87
 Sandler, Todd 23, 148, 149, 154, 204, 267, 282, 364, 382
 Santos-Silva, J. 390
 Sarkozy, Nicolas 90, 91
 Saudi Arabia 166
 Say, Jean-Baptiste 10, 11, 20, 79
 Schelling, Thomas 15, 22, 29, 36, 79, 143
 Schmoller, Gustav 17
 Schneider, Friedrich 320
 Schumpeter, Joseph 13, 22, 82
 Schweitzer, Y. 153
 Second World War 1, 2, 46, 48, 293, 301
 bombing of UK cities 454–5
 strategic bombing of Germany 453–4, 475–6
 area bombing 461–4
 cost–benefit analysis 469–75
 direct and indirect effects 465–6
 estimating methods 460–61
 general issues 458–60
 invasion, final offensive and victory 457–8, 466–7
 overall evaluation 467–9
 precision bombing 464–5
 RAF Bomber Command 455–6, 457, 458
 USAAF bombing philosophy 456–7
 Seigle, C. 270
 Sen, A. 89
 Sen, S. 354
 Serbia 420, 422, 450–51
 economic recovery 444–6
 economic reforms 432–4, 435–7
 fiscal policy 438
 monetary policy reform and exchange rates 437–8
 potential lessons for Serbia from elsewhere 440–44
 privatization 438–40
 small and medium-sized enterprises 440
 external relations and EU membership 448–50
 foreign direct investment (FDI) 446–7
 impact of economic sanctions 423–6
 military sector 427
 Partnership for Peace (PFP) programme and 450
 political realities and constraints 447–8
 reconstruction after conflict 430–32, 434–5
 war damage and economic impact of Balkan conflict 427–8, 429
 Setter, O. 113
 Shapiro, J.M. 167
 Shimizu, H. 271, 282
 Shinseki, Erick K. 295
 side payments, peacekeeping strategies and 254–5
 Sierra Leone 185, 240, 241–2
 Singapore 192
 Singer, J.D. 49
 Singer, P.W. 485, 494
 Skaperdas, S. 30–31, 252, 255
 Skons, E. 494
 Slovenia 423
 Small Arms Survey 314
 Smith, Adam 8, 9, 10, 11, 12
 Smith, R. 113
 Sobek, David 60
 Solomon, B. 238
 Somalia 238, 240
 South Africa 283
 sovereignty 249
 space industry 195–7, 231
 cost characteristics 202–4
 dual-use strategies and partnerships 229–31
 exploration stage 197–8
 integrator model 210–12, 213
 market interactions and failures 204–8
 multiple countries, objectives and partners 215–16
 modern space strategic games 214–15
 European policy of autonomy and collaboration 219–23
 other nations 223–5
 US policy of leadership and control 216–19
 procurement conflicts 212–14
 scarcity of common resources 208–10
 space debris 208–10
 space race era 198–202
 strategic conflicts and partnerships 225–9
 Spain
 Basque region 364
 constitution 380
 terrorism in 153
 see also Euskadi Ta Askatasuna (ETA)
 Speer, Albert 461, 463
 Stam, A.C. 60, 382
 states, *see* nation states
 Steinherr, A. 441
 Stewart, F. 320
 Stigler, G. 176
 Stiglitz, J.E. 11, 496
 Stockholm International Peace Research Institute (SIPRI) 126, 181, 191, 237, 239, 282
 strikes 90–94
 structural theory 15
 Sudan 329

- suicide attacks 146, 152, 153
 model 162–5
 Sweezy, P. 19
 Switzerland 191
 Syria
 economic growth 123, 124
 military expenditure 126
 allocation of defence budget 127–36
- Tadesse, S. 187, 192
 Tangri, R. 181
 taxation 270, 299, 303, 325–6
 finance of war and 10–11
 reconstruction/recovery after conflict and 325–6
 Serbia 438
 technology 484
 pre-emptive military technology 36–7
 terrorism 2, 23–4, 75, 143–5
 characteristics of terrorist activity 147
 causes and reasons 147–8
 impure public joint production of characteristics 148–9
 counter-terrorism policies 165–7
 disobedient terrorists 145–6
 Euskadi Ta Askatasuna (ETA) 377, 391–2
 data and results of study 385–90
 discussion 390–91
 history 377–81
 hypotheses 384–5
 literature survey 381–2
 method of study 383–4
 leadership 146–7
 influencing followers 149–53
 model 160–61
 literature survey 381–2
 models 154, 371–4
 individual terrorist 154–60
 leader 160–61
 simultaneous equilibria 161
 suicide attacks 162–5
 suicide attacks 146, 152, 153
 model 162–5
 Turkey 145–6, 365, 366–7, 369, 372–3
 unemployment and 372–3
- Thailand
 military coup 311–12
 threats 87, 89, 95
 Tilly, Charles 96
 Tirole, J. 184
 Tishler, A. 113
 trade, *see* international trade
 transport 329
 Tullock, Gordon 56, 149
 Turgot, Anne-Robert 9, 10
- Turkey 345, 358, 362, 430
 conflicts 366–8, 374–5
 with Cyprus 342, 350–51, 355–8
 displacement of people 368
 economic consequences 369
 empirical analysis 370–74
 with Greece 342, 349–50, 351, 352–3, 354–5
 Kurdish separatism 356, 366, 367–8, 369
 loss of life and injury 368
 psychological injuries 368–9
 terrorist attacks 145–6, 365, 366–7, 369, 372–3
 expenditure on military 347, 348, 355, 357, 373–4
 inequalities in 365–6
- Uganda 181, 185
 unemployment, terrorism and 372–3
 unit cost escalation 401–3
 United Kingdom
 bombing of UK cities during Second World War 454–5
 corruption in 172, 187, 191
 defence resource management 394–6, 418
 appraisal and evaluation 405–7
 defence inflation 399–401
 evaluation of peacekeeping activities 407–9
 management of financial risks 417
 manpower modelling 403–5
 measuring defence output and productivity 398–9
 outsourcing 412–14
 planning, programming and budgeting 396–8
 procurement and contracting 409–12
 unit cost escalation 401–3
 wider economic considerations 414–17
- United Nations 265
 Balkan conflict and 424–6
 Development Programme (UNDP) 315, 322, 323, 325, 327
 Office of Drugs and Crime 320
 peacekeeping
 evaluation of peacekeeping activities 407–9
 peacekeeping missions, *see* peacekeeping
 Security Council 239, 265
- United States of America
 allocation of defence budgets 137
 corruption in 173, 187, 188, 191
 costs of violence 317
 costs of war 1, 293–4, 307
 economic costs 302–5

- future costs 301–2
- short-termism and 297–9
- underestimates due to political misjudgement 295–7
- underestimates due to poor accounting systems 299–302
- updated estimates of cost of Iraq/ Afghanistan wars 305–7
- economic decline 13
- interventionism 15, 250
- peacekeeping and 243–6, 267, 272–4, 281–8, 289
- reprivatization of war by, *see* private military and security companies
- Serbian economic recovery and 445
- space industry 197–9, 201, 202
 - dual-use strategies and partnerships 231
 - integrator model 211–12, 213
 - market interactions and failures 204–8
 - modern space strategic games 214, 215, 216–19
 - procurement conflicts 213
 - strategic conflicts and partnerships 226–9
- war on terror 75
- Uppsala Conflict Data Program (UCDP) 54
- Uruguay 283
- Usher, Dan 84
- Utopian Socialism 10

- Valentino, B. 52, 54, 55, 58
- Veblen, Thorstein 13–14
- violence 311, 312–14, 332
 - cost of 314–17
 - economic causes 317–19
 - economic consequences 319–21
 - monopoly of 96, 494–5
 - recovery from 321–4
 - framework conditions 330–31
 - monetary and fiscal policy 324–7
 - other policies 327–30
 - virtual warfare 85

- Walras, Leon 10
- Walter, Barbara F. 257, 258
- Washington Consensus 442
- waste 82–5, 87
- Weber, Max 80
- Webster, Charles 464
- Westphalia, Peace of (1648) 482
- Whyte, D. 188
- Wilkinson, P. 152
- Winner, H. 178
- Wintrobe, R. 144, 154
- Wolfowitz, Donald 295
- women 166
 - suicide attacks by 153
- workers' strikes 90–94
- World Bank 149, 318, 324, 325
 - corruption and 191
- World Health Organization (WHO) 173, 312, 313
- Wulf, H. 485

- x-inefficiency 83

- Yariv, Aharon 37
- Yıldırım, J. 349, 365
- Yugoslavia 420–22; *see also* Balkan conflict

- Zimbabwe 315
- Zivkovic, Zoran 435
- Zurawicki, L. 178