

# Index

- Accumulation, 147
- Addicted bodies, 63
- Advertising, 112
- Airbnb, 31, 150
- Algorithms, 147, 150, 152
- AlphaBay, 54–57, 74, 134
- Alprazolam, 106
- Amazon, 25, 103
- Americanisation
  - of drug and online policing, 48–51
  - of online policing, 57
- Amphetamines, 80, 105
- Anabolic-androgenic steroids, 17
- Analogue capitalism, 144
- Anonymity, 10, 30, 34, 46, 62, 81, 88, 97, 99, 123–124, 134, 138
- App-based drug exchanges, 18–19
  - app-based supply, 23
  - app-mediated purchase, 20
  - drug quality and personal safety, 22–23
  - ease of access, immediacy, and familiarity, 19–20
  - law enforcement and detection, 23–24
  - personal safety concerns, 23
  - range and availability of substances, 20–21
  - reasons for, 19
  - safety/security, 21
  - visual dealing practices and ‘seeing’ quality, 21–22
- App-mediated purchase, 20
- Australia, 10, 18, 21, 47, 54, 89, 106, 117
  - criminal cases in, 46
  - dark web in, 52
- Australian agreement, The, 56
- Australian drug and dark web cases, 51–54
- Australian Federal Police, 53
- Barrier, 6–7, 18–19, 49, 135, 144
- Belgian Buyers, 87–88
  - reasons for Belgian buyers to purchase from cryptomarkets, 81–82
- Belgian case study, The, 86, 89
- Belgian Cryptomarket Buyers
  - Belgian Buyers, 87–88
  - drug-using careers of Belgian Buyers on cryptomarkets, 86–87
  - limitations, 90–91
  - methodological approach, 75–77
  - motivation to buy from cryptomarkets, 88–89
  - perceived influence of market disruptions on buying behaviour, 82–84
  - personal use or supply of drugs, 84–85
  - purchasing from cryptomarkets and drug-using career, 78–80
  - rather careless attitude towards risks related to cryptomarket use, 89–90
  - reasons for Belgian buyers to purchase from cryptomarkets, 81–82
  - results, 78
- Belgian drug policy, 74
- Belgian Framework Note on Integral Security, The, 75
- Belgian law enforcement, 83–84

- Belgian survey respondents, 88
- Belgium, 11, 76, 78, 81
  - vendors located in, 89
- Bilateral treaties, 48
- Bitcoin, 53, 62, 65, 100
- Boondoggle projects, 98
- Branding, 135
- British System, 63
- Business-to-business, 101
  
- Calculus-based trust, 32
- Camouflage strategies, 7
- Cannabis, 20, 24–27, 111
- Capitalism, 153
  - analogue, 144
  - data, 64
  - digital, 145
  - exit, 151
  - extractive data, 64
  - platform, 12, 143, 146–148
- Characteristic-based trust, 38–41
- Clarifying Lawful Overseas Use of Data Act (CLOUD Act), 50–51, 56
- Classic illicit drugs, 80
- Clearnet, 7
- Closed ecosystems, 151
- Closed markets, 6
- Club babes, 113
- Cocaine, 80
- Cognitive enhancers, 111
- Commodification, 147
- Communication app, 18
- Communication process, 46, 102
- Communication technologies, 16
- Competition, 5, 38, 100, 114, 131, 146
- Concealment, contradiction between visibility and, 150–151
- Connectivity, 3
- Consumer-friendly services, 107
- Consumption, 64
  - context of, 105
  - of drugs, 3–4
  - of illicit drugs, 148
    - pace of, 64
    - practices, 2
- Contemporary research, 110
- Continuity process, 12
- Convenience sampling strategy, 19
- Conventional drug policing methods, 52
- Conventional surveillance
  - process, 47
- Conventional urban gentrification, 129
- Cooperation, 31
- Cordiality, 134
  - customer service, cordiality, and trustworthiness, 135–137
  - institutional control and public good, 137–138
  - specialised knowledge and expert skillsets, 134–135
- Corporate anonymity, 122
- Counterculture, 98
  - to Cyberspace, 97–106
- Crackdowns, 37
- Criminalisation, 96
  - of people, 148
- Cryptomarkets, 8, 11, 20, 22, 30, 38, 62, 74, 86, 99, 101, 132, 142–144, 149, 151
  - administrators, 30
  - from analogue to digital capitalism, 144–145
  - background, 129–131
  - contradiction between legality and illegality, 151–152
  - contradiction between state control and self-regulation, 149–150
  - contradiction between visibility and concealment, 150–151
  - as dialectical platform constellations, 148–149
  - digital transformations and, 142–144

- drug-using careers of Belgian Buyers on, 86–87
- between harm reduction and efficient market structures, 145
- between harm reduction and efficient market structures, 145–149
- motivation to buy from, 88–89
- non-violence, 131–133
- platformisation of markets, 146–148
- professionalism and cordiality, 134–138
- purchasing from, 78–80
- reasons for Belgian buyers to purchase from, 81–82
- trust in, 34–42
- vendors, 137
- Cryptonerds, 97
- Cultural capital, 11, 96, 104, 106
- Culture of street, 104
- Cultures of exchange, 96
- Customer-oriented approach, 136
- Customers, 123, 142
- Cyber-libertarians, 97
- Cyberspace, 98
  - continuity and change in darknet marketplaces, 97–104
  - from counterculture to, 97
  - drug cultures, representations, and rituals, 105–106
  - drug cultures, social motives, and reciprocal relations, 104–105
- Cypherpunks, 97
- Dark net, 80
- Dark web, 99–100, 129
  - AlphaBay and US Courts, 54–55
  - Americanisation of drug and online policing, 48–51
  - Australian drug and dark web cases, 51–54
  - markets, 46, 102
  - technologies, 46
- Dark web cryptomarkets, 46, 56
  - transnational investigation of, 56
- DarkMarket, 109
- Darknet, 99
- Darknet cryptomarkets, 10
  - findings, 66
  - heroin's bio-time, 66–70
  - material rhythms of market, 70–72
  - methods, 65–66
  - temporal infrastructure of illicit digital markets, 62–65
- Darknet drug markets, 8
- Darknet marketplaces, 99
  - continuity and change in, 97–104
- Data capitalism, 64
- Data collection process, 75, 152
- Deep web, 7–8, 129
- Delivery system, 70
- Deterrence mechanisms, 41
- Deterrence-based trust, 32
- Dialectical method, 152
- Dialectical platform constellations, cryptomarkets as, 148–149
- Dialectics, 148
- Digital aspects, 134
- Digital capitalism, 145
  - from analogue to, 144–145
- Digital cultures, 97
- Digital devices, 3
- Digital drug markets, 7
  - architecture of, 6–9
- Digital drug platforms, 145, 149–150, 152
- Digital environments, 7
- Digital markets, 102
- Digital platforms, 12, 145
- Digital technologies, 7
- Digital transformations
  - architecture of digital drug markets, 6–9
  - and cryptomarkets, 142–144
  - digitalization, 2–4

- drugs, 5–6
- of illicit drug markets, 2
- markets, 4–5
- structure of book, 9–12
- Digitally mediated illicit drug supply and purchase, 17
- Digitisation, 2
- Direct-to-customer (DTC), 112
- Discussion forums, 133
- Dispute resolution, 12, 130–131
  - mode, 10, 41
  - systems, 117
- Disruption, 147
- Distributed accounting systems, 62
- Distribution
  - chain, 47
  - of drugs, 3–4, 7
  - of illicit drugs, 46, 54, 142
  - strategies, 62, 74
- Dope sickness concepts, 65
- Doxing, 132
- Dread, 76
- Dream Market, 76
- Drug consumption, 97, 106
- Drug cryptomarkets, 75, 91
- Drug cultures
  - representations, and rituals, 105–106
  - social motives, and reciprocal relations, 104–105
- Drug dealers, 88, 97
- Drug delivery, 65
- Drug exchanges, social media apps utilised in, 17–18
- Drug market gentrification, 130, 138
  - background, 129–131
  - concept, 138
  - non-violence, 131–133
  - professionalism and cordiality, 134–138
- Drug markets, 30, 111–112, 124
  - embeddedness of drug markets in digital transformation, 2–4
  - entrepreneurs, 107
- Drug quality, 22–23
- Drug sellers, 112
- Drug supply, 16
- Drug time concept, 64, 72
- Drug-related forums, 75
- Drug-retailing organisations, 137
- Drug-using careers, 78–80
  - of Belgian Buyers on cryptomarkets, 86–87
- Drugs, 5–6, 96
  - AlphaBay and US Courts, 54–55
  - Americanisation of drug and online policing, 48–51
  - Australian drug and dark web cases, 51–54
  - supply of, 84–85
- Drugsforum.nl (drug-related forums on clear web), 75–76
- Dynamics, 75
  - of consumption, 11
  - of technical architectures, 149
- Dystopian visions, 99
- E-commerce
  - platforms, 25
  - site, 117
- E-pharmacy, 122
- eBay, 25
- eBayisation, 97–104
- Economic terminology, 32, 38
- Economic transactions, 31
- Economics, 10, 31–32, 96
- Ecstasy, 80, 85
- Embeddedness of drug markets
  - in digital transformation, 2–4
- EMCDDA, 101
- Encryption, 21, 101, 134
  - software, 6–7
  - technology, 8
- Entrepreneurs, 55, 98
- Envoy, 76
- Epidemiology, 96
- Escrow payment system, 41, 146

- Escrow system, 83
- Ethnographic approach, 96
- European cocaine trade, 101
- EUROPOL, 76
- Exchange process, 16
- Exit capitalism, 151
- Exit scams, 83, 137, 151
- Exploratory case study, 87
- Extractive data capitalism, 64
  
- Facebook, 150–151
- Female buyers, 91
- Fentanyl, 137
- Financial resources, 97
  
- Game theory, 32
- Gamers, 97
- Gender
  - gendered analysis, 110
  - gendered representations, 124
  - gender-neutral advertising, 112
  - gender-neutral branding, 120–122
  - in pharmaceutical drug advertising, 112–113
- Gentrification, 11–12, 101, 128–129, 131
  - aggressive, 129
  - conventional urban, 129
  - drug market, 130
  - hypothesis, 101
- GetModa (company), 119
- Getmoda Mick's normative masculinity, 117
- Global Drug Survey, 76, 86, 111
- Google, 26, 33, 110
  
- Heroin, 63, 67
  - bio-time, 66–70
  - withdrawal, 63
- Hormone replacement therapy (HRT), 112
- Hub, The, 76
- Human elements, 63
  
- Identity, 7, 106
  - discursive performance of, 39
  - verification technology, 43
- Illegality, contradiction between legality and, 151–152
- Illicit digital markets, temporal infrastructure of, 62–65
- Illicit drug markets, 2, 16
  - formation of, 5
  - scholarship on, 4
- Illicit drugs, 62, 76, 78, 129
- Illicit transactions, 41
- In-built app technology, 18
- Informal institutional standardizations, 19
- Information and communication technologies (ICT), 2, 142
- Information technology, 101
- Infrastructure of illicit digital markets, 64
  - temporal, 62–65
- Instagram, 22
- Institutional reputation systems, 8
- Institutional-based trust, 10, 32, 41–42
- Interdisciplinary approach, 31
- Intermediate mechanism, 33
- Internal self-regulation, 149
- International research, 88
- Internet, 3, 16, 25, 98–99, 129, 143
  
- Kik (app), 21
- Knowledge, 38
- Kratom, 68, 70
  
- Law enforcement
  - agencies, 10
  - crackdowns, 40
  - and detection, 23–24
- LeafedOut, 26
- Learning operational security, 135
- Legal economy, 41
- Legal highs, 17

- Legal online economy, 31, 42  
Legality, contradiction between  
    illegality and, 151–152  
Legitimate pharmacies, 123  
Lexis Advance Pacific subscription  
    database, 51  
Libertarians, 98  
LSD, 11, 20, 78–79, 86
- Magic mushrooms, 111  
Marketing, 135  
Markets, 4–5, 65  
    material rhythms of, 70–72  
    perceived influence of market  
        disruptions on buying  
        behaviour, 82–84  
    platformisation of, 146–148  
Masculinity, 120  
Material rhythms of market, 70–72  
Material-discursive entanglements  
    concept, 110  
McDonaldisation, 97–104  
    of darknet marketplaces, 11  
MDMA, 18, 20, 53–54, 65, 80, 105  
Media coverage of modafinil, 113–116  
Medicines, 17  
Megaupload, 55  
Menopause, 112  
Menstruation, 112  
Mephedrone, 17  
Methods of Darknet cryptomarket,  
    65–66  
Microsoft Corporation, 50  
Military–industrial complex, 98  
Missing in action (MIA), 70  
Mobile phones, 16  
Modafinil, 110–112  
    analysis of modafinil websites,  
        116–117  
    media coverage of, 113–116  
Modafinil Mick, 117, 120, 125  
    GuaranteeTM, 117  
    normative masculinity, 117  
ModafinilCat, 116, 120–122  
ModafinilCat. com, 120  
ModafinilGB, 122, 124–125  
Modus Vivendi, 76  
Monero, 62  
Motivations, 77, 81, 89  
Multistage approach, 18  
Music, 105–106  
Mutual legal assistance process, 50  
Mutual societies, 104  
Mutually compatible bilateral online  
    investigative processes, 56
- Naloxone, 69–70  
Neoclassical economics, 32, 64  
Networked reputation concept, 33  
Neurobiology, 96  
New psychoactive substances (NPS),  
    7, 17, 24–27  
New Zealand (NZ), 49  
Nod, 67  
Non-human elements, 63  
Non-physical violence, 132  
Non-violence, 131–133  
Normalisation, 97  
    underpinnings of, 102  
NZ Government Communications  
    Security Bureau (GCSB), 50
- Online buying process, 83  
Online drug markets, 63, 111  
    background, 96–97  
    history, 97–106  
Online environment, 97–98  
Online investigative powers, 57  
Online markets, 103  
Online modafinil markets  
    analysis of Modafinil websites,  
        116–117  
    current e-commerce site, 117–120  
    gender in pharmaceutical drug  
        advertising, 112–113  
    media coverage of modafinil,  
        113–116  
    methodological approach, 116

- Modafinil and drug markets, 111–112
- ModafinilCat, 120–122
- unregulated online pharmacy, 122–124
- Online pharmacies, 17
- Online policing, Americanisation of, 48–51
- Online reputation systems, 40
- Online survey, 76
- Online-to-online buyer-vendors (OOBVs), 133
- Open drug markets, 111
- Operational security, 134
- Opiate Withdrawal Scale, 63
- Opiates, 66–67
- Opioids, 67–68
- Organisational concepts, 98
- Organisations, 33
  
- Painkillers, 111
- Participants drug-using careers, 91
- Pathologisation, 96
- Payment system, 12, 72
- Performance and image enhancing drugs (PIED), 24–27
- Personal computers (PCs), 142
- Personal safety, 22–23
  - concerns, 23
- Personal use, 84–85
- Pharmaceuticals, 17, 111
  - gender in pharmaceutical drug advertising, 112–113
- Pharmacocentrism, 96
- Phreakers, 97
- Platform capitalism, 12, 143, 146–148
- Platform economy, 103
- Platformisation
  - of drug markets, 153
  - of markets, 146–148
- Police, 48, 132
  - in closed markets, 6
  - crackdowns, 37
- Policing, 12
  - Americanisation of drug and online policing, 48–51
  - Americanisation of online policing, 57
  - conventional drug policing methods, 52
  - strategies, 8
- Political ideology, 100
- Politics, 104
- Power relations, 11, 142
  - in cryptomarkets, 12
- Pre-Internet era, 142
- Prevention, 74, 153
- Private market, 104
- Process-based interactions, 43
- Process-based repeated transactions, 43
- Process-based trust, 10, 37–38, 41
- Product concealment, 134
- Product quality, 89
- Production, 3–4
  - of trust, 37
  - of withdrawal, 68
- Professionalism, 134
  - customer service, cordiality, and trustworthiness, 135–137
  - institutional control and public good, 137–138
  - specialised knowledge and expert skillsets, 134–135
- Prohibition, 9
- Presumption, 149
- ‘Pseudo-addicts’, 63
- Psychiatry, 96
- Psychoactif. fr, 76
- Public market, 104
- Purchasing process, 83
  
- Qualitative approach, 96
- Qualitative interviews, 136
- Quality Nights, 76
  
- Reconfiguration, 9, 12
  - of scope and impact, 2

- Reddit, 120  
 Reddit/darknet, 76
- Regulation, 3
- Reification (philosophical concept), 151
- Relational trust, 32
- Reputation  
 fluffing, 40  
 for formidability, 137  
 institutional reputation systems, 8  
 mechanisms, 40  
 networked reputation concept, 33  
 online reputation systems, 40  
 scores, 39  
 systems, 39
- Respondents, 23
- Retail drug markets, 5–6, 151
- Risk aversion strategies, 89
- Risk management strategies, 63
- Risk minimisation strategies, 26
- Risks related to cryptomarket use,  
 rather careless attitude  
 towards, 89–90
- Rituals, 105–106
- Scams, 89–90, 92, 101, 131
- Scattergun approach, 52
- Search engines, 7–8, 24, 110
- Security, 9, 21
- Semi-public market, 104
- Semi-structured interviews, 77, 79, 82, 85, 87–88
- Sharing economy, 151
- Signalling, 39
- Silk Road, 55–57, 100–101, 131, 138  
 website, 50, 130
- Silk Road 2.0, 74
- Smart drugs, 115
- Snapchat (app), 21–22
- Social knowledge, 144–145
- Social media  
 apps utilised in drug exchanges,  
 17–18  
 drug supply, 8, 24  
 methodological approach, 18–19  
 platforms, 8, 22  
 reasons for app-based drug  
 purchasing, 19–24  
 surface web supply, 24–27
- Social organisation of drug markets,  
 4–5
- Social supply, 6, 20, 25, 63, 84–85,  
 87–88, 92, 102, 105
- Social time, 10, 62, 64, 71
- Subcultural capital, 101
- Subcultures, 11  
 of drug, 96
- Sufficient process-based trust, 38
- Surface web, 7, 25  
 illicit drug markets, 24  
 supply, 24–27
- Surveillance, 47, 52, 56, 99
- Surveys, 115  
 respondents, 82
- The Onion Router (Tor), 99–100
- Time, 62, 64, 66, 71
- Transaction cost economics  
 (TCE), 4
- Transparency of transactions, 22
- Trust  
 calculus-based trust, 32  
 characteristic-based trust, 38–41  
 in cryptomarkets, 32, 34  
 definitions, 31  
 deterrence-based trust, 32  
 dilemma, 34  
 dimensions of, 31–32  
 disciplinary contributions, 32–33  
 institutional-based trust, 41–42  
 method, 33–34  
 process-based trust, 37–38  
 relational trust, 32  
 sample description, 35–36  
 sufficient process-based trust, 38
- Trustworthiness, 31
- Truth-producing mechanisms,  
 63–64



- Uber, 150–151
- Uberisation, 97–104
  - of cocaine trade, 102
  - of darknet marketplaces, 11
  - of drug distribution, 46, 102
  - process, 101
- Uncertainty, 30–32
- Unregulated online pharmacy, 122–124
- Urine analysis, 63
- US Courts, 54–55
- US Federal Bureau of Investigation (FBI), 49
- US federal District Court for the Eastern District of California, The, 55
- US law enforcement agencies, 48, 57
- US policy-makers, 10
- US technology companies, 57
- Utopian-libertarian alternative, 131
- Violence, 5, 127 131
  - level of, 46
  - types of, 90
- Visibility, contradiction between concealment and, 150–151
- Web-based shops, 116
- WhatsApp (app), 18, 21–22
- Wickr (messaging application), 18, 21–22, 27
- Withdrawal, 63
  - Opiate Withdrawal Scale, 63
- Women, 110–112, 114, 124
- Xanax, 106