INDEX

Accreditation Council for Graduate Medical Education (ACGME), 28
Administradoras de Fondos de Pensiones (AFPs), 161–162
Adult equivalent labor days (AELD), 71–73
Age discrimination, 198–199
AGE LASSO, 200
Age pay gap (APG), 195–196
data, 203–206
decomposition approach, 201–202
decomposition outcome, 209–212
descriptive statistics, 219–220
estimation approach, 200–202
grounds of age, 198
model selection, 200–201, 207–208
results, 207–212
robustness checks, 212–214
selected controls, 221
Ageism, 198–199
Agricultural Growth Program (AGP), 69–70
Agricultural labor in Ethiopia, 62
studies, 75
supply, 75, 87
American Medical Association (AMA), 33
Annual Social and Economic Supplement (ASEC), 34–35
Assortative mating
data, 10–11
educational homogamy, 11–17
equilibrium matching, 4
homogamy and, 5
over life cycle, 17–19
measuring changes in, 8–10
measuring changes in homogamy, 6–8

positive, 1–2
rank-order correlation coefficient, 2
regression and reverse regression, 19–21
theories of marriage, 3
Asymmetric information, 233–238
Bayesian Equilibrium, 233
BSWS cross-sectional survey, 114
Bureau of Labor Statistics administrative employment data, 110
Business creation, 254
business types associated with opportunity vs. necessity entrepreneurship, 279–282
consistency with theoretical model, 261–262
data, 263
empirically defining necessity and opportunity entrepreneurship, 256–260
tenpreneurship in CPS, 263–264
entrepreneurship in German Micro Census and SOEP, 264
exploring empirical validity of definitions, 262–278
local economic conditions in United States, 275–276
national trends in Germany, 269
national trends in United States, 264–268
new opportunity entrepreneurship rate and unemployment rates, 288–289
quits, 258
regression results using local unemployment rates in United States, 277
regression results using national unemployment rates, 273–274
results using local unemployment rates in Germany, 278
West and East Germany, 270–272

Card, Kruger, Giuliano wage gap (CKG wage gap), 117

Central Minimum Wage Council, 113, 119

Changes-in-changes approach (CIC approach), 29

Cobb–Douglas production function (C-D production function), 75–76, 80–81, 164

Colombian Institute of Family Welfare. See Instituto Colombiano de Bienestar Familiar (ICBF)

Colombian labor market regulations, 158

Colombian tax reform (2012), 154

Computer Assisted Personal Interviewing techniques (CAPI techniques), 71–73

Concave utility function, 164–165

Consumer demand, 261–262

Contiguous county-pair data, 110–111

Contract arrangement, 224–225

Contributory social benefits (CSB), 163, 167

Control variables, 196–197

Cross-sectional datasets, 256–258

Cross-sectional individual micro-data, 112

Cross-wage effect, 86

Current Population Survey (CPS), 28, 34, 49–50, 258
entrepreneurship in, 263–264

Current wage cost, offsetting increase in, 133

Decomposition approach, 201–202

Deferred compensation model, 196–197, 203–205

Descriptive statistics
APG, 219, 220
household characteristics, 73
youth, 73
youth labor time contribution, 73–74

Difference-in-difference approach (DID), 39–42, 155

Double robust LASSO procedure, 200

Double robust selection procedure, 201

Dualistic models, 156–157

East Germany, national trends in, 270–272

Econometric analysis, empirical findings from, 125–141
changes in employment flows, 138–141
effects on total wages, 128–133
minimum wage impacts on full-and part-time workers, 133–138
offsetting increase in current wage cost, 133
results, 125–128
robustness checks for main results, 128

Econometric estimates, 169–182
informality before and after reform, 171

regression models and estimates, 173–180
results based on panel data, 180–182
results based on repeated cross sections, 171–180

Econometric-based simulations, 155–156, 182–184

Economic Census, 114

Economic incentives, 64–65, 88–89, 92

Educational homogamy, 11–17
Elasticity of employment, 128
Employment. See also
Unemployment
changes in employment flows, 138–141
elasticity of, 128
Employment Status Survey, 111–112
Encuesta Longitudinal Colombiana (ELCA), 169–170
Enforcement, 155
of MW, 158
of payroll tax, 164
Entrepreneurs, 259
Entrepreneurship, 254–256
in CPS, 263–264
in German Micro Census and SOEP, 264
Enumeration areas (EAs), 69–70
Equilibrium, 166–167
wage, 229–230
Establishment-based data, 109–110
Establishment-based micro-data, 112
Establishment-based panel dataset, 108
Ethiopia
agricultural labor in, 62
agricultural production, 96
data collection, 69–73
descriptive statistics, 73–74
econometric results, 79–90
effect of wage differentials, 103–105
empirical analysis, 75–79
estimation of labor supply, 97–98
female youth labor supply, 87–88
instruments and FE-IV estimates, 88–90
male youth labor supply, 83–87
migrants and nonmigrants, 95
on-farm and off-farm youth labor supply, 101–102
robustness, 90
shadow wages approach, 63
testing for separability, 79–83
theoretical model, 65–69
trends, 88
youth labor supply, 64
European Commission, 198–199
European Union (EU), 195–196
Fertility, 29, 49–50, 52
Firms, 153–154, 157, 229
demand, 261–262
firm-specific human capital, 232
strategy set, 229–230
First Job Act, 162
Fixed effects model (FEs model), 79, 196, 201
Formal firms, 157
Formal-informal size dualism, 156
Fraction of Minimum Wage Workers (FMW), 111
Full-Time Equivalent Employment (FTE), 108–109
Full-time workers, MW impacts on, 133–138
on outcomes of full-time workers, 136–138
on outcomes of part-time workers, 138
relative impact of minimum wage increase, 133–136
Gelbach decomposition, 196–197,
200, 206, 209–210, 213
Gender
differences, 27–30, 50–53
discrimination, 196
German Micro Census, 263
entrepreneurship in, 264
Germany
national trends in, 269
results using local unemployment rates in, 278
Global Entrepreneurship Monitor (GEM), 254–255, 259
Gran Encuesta Integrada de Hogares (GEIH), 169, 182
<table>
<thead>
<tr>
<th>Term</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Great Depression</td>
<td>254</td>
</tr>
<tr>
<td>Great Recession</td>
<td>254, 268</td>
</tr>
<tr>
<td>Healthcare system</td>
<td>160</td>
</tr>
<tr>
<td>Hirsch, Kaufman, Zelenska wage gap (HKZ wage gap)</td>
<td>117</td>
</tr>
<tr>
<td>Homogamy and assortative mating</td>
<td>5</td>
</tr>
<tr>
<td>measuring changes in, 6–8 regressions of</td>
<td>16</td>
</tr>
<tr>
<td>Household characteristics</td>
<td>73–74</td>
</tr>
<tr>
<td>income</td>
<td>164–166</td>
</tr>
<tr>
<td>survey panel dataset</td>
<td>155–156</td>
</tr>
<tr>
<td>Human capital</td>
<td>223–224, 227</td>
</tr>
<tr>
<td>accumulation</td>
<td>196–197</td>
</tr>
<tr>
<td>model</td>
<td>224–225</td>
</tr>
<tr>
<td>Identification strategy</td>
<td>117–119</td>
</tr>
<tr>
<td>Incumbent firm</td>
<td>230–231, 233</td>
</tr>
<tr>
<td>Individual time-constant heterogeneity</td>
<td>212–213</td>
</tr>
<tr>
<td>Individual-level heterogeneity</td>
<td>206</td>
</tr>
<tr>
<td>Industrial minimum wages</td>
<td>113</td>
</tr>
<tr>
<td>Informal employment</td>
<td>153–154</td>
</tr>
<tr>
<td>Informal firms</td>
<td>157</td>
</tr>
<tr>
<td>Informal labor markets</td>
<td>156</td>
</tr>
<tr>
<td>Informal workers</td>
<td>153–154</td>
</tr>
<tr>
<td>Informality</td>
<td>153–155, 157, 167–169</td>
</tr>
<tr>
<td>before and after reform</td>
<td>171, 180–182</td>
</tr>
<tr>
<td>INKAR database</td>
<td>263–264</td>
</tr>
<tr>
<td>Instituto Colombiano de Bienestar Familiar (ICBF)</td>
<td>161–162</td>
</tr>
<tr>
<td>Intercept-shift approach</td>
<td>213</td>
</tr>
<tr>
<td>Inverse Mills ratio</td>
<td>202</td>
</tr>
<tr>
<td>Japanese minimum wage system</td>
<td>113–120</td>
</tr>
<tr>
<td>analysis methods</td>
<td>119–120</td>
</tr>
<tr>
<td>data source</td>
<td>114–117</td>
</tr>
<tr>
<td>identification strategy</td>
<td>117–119</td>
</tr>
<tr>
<td>minimum wage system in Japan</td>
<td>113</td>
</tr>
<tr>
<td>Job assignment</td>
<td>229–230, 235</td>
</tr>
<tr>
<td>Job tenure</td>
<td>248</td>
</tr>
<tr>
<td>job tenure-nonpromotion-wage relation</td>
<td>241–244</td>
</tr>
<tr>
<td>job tenure-wage profile</td>
<td>240</td>
</tr>
<tr>
<td>Job-level tenure</td>
<td>224</td>
</tr>
<tr>
<td>Kaitz indices</td>
<td>112</td>
</tr>
<tr>
<td>Keio household panel survey</td>
<td>112</td>
</tr>
<tr>
<td>Labor market</td>
<td>166–167</td>
</tr>
<tr>
<td>equilibrium</td>
<td>196–197</td>
</tr>
<tr>
<td>heterogeneities</td>
<td>164–166</td>
</tr>
<tr>
<td>households</td>
<td>158–159</td>
</tr>
<tr>
<td>minimum wage model</td>
<td>154–156, 163–169</td>
</tr>
<tr>
<td>model</td>
<td>164</td>
</tr>
<tr>
<td>profits</td>
<td>158–160</td>
</tr>
<tr>
<td>reform, informality, and simulations</td>
<td>167–169</td>
</tr>
<tr>
<td>regulations</td>
<td>159–160</td>
</tr>
<tr>
<td>social security</td>
<td>64</td>
</tr>
<tr>
<td>Lazear’s model</td>
<td>203–205</td>
</tr>
<tr>
<td>Least Absolute Shrinkage Operator (LASSO)</td>
<td>207–209</td>
</tr>
<tr>
<td>Lehman shock</td>
<td>123</td>
</tr>
<tr>
<td>Life-cycle human capital model</td>
<td>203–205</td>
</tr>
<tr>
<td>Lifetime job security</td>
<td>115–116</td>
</tr>
<tr>
<td>Linear Probability Model (LPM)</td>
<td>174</td>
</tr>
<tr>
<td>Linear probability regressions</td>
<td>273</td>
</tr>
<tr>
<td>Local economic conditions in United States</td>
<td>275–276</td>
</tr>
<tr>
<td>regression results using</td>
<td>277</td>
</tr>
<tr>
<td>Local Minimum Wage Councils</td>
<td>113</td>
</tr>
<tr>
<td>Local unemployment rates in Germany</td>
<td>278</td>
</tr>
</tbody>
</table>
Index

Long-term labor supply
difference-in-differences approach, 39–42
distributional effects, 46–47
estimated mean effects, 42–45
threats to identification, 45–46
Longitudinal Colombian Survey.
See Encuesta Longitudinal Colombiana (ELCA)

Machine-learning approach, 196, 200
Major Integrated Household Survey.
See Gran Encuesta Integrada de Hogares (GEIH)
Market heterogeneity, 126
Mills ratio, 209
Minimum wage (MW), 108, 155, 158–159
change in log average employment
and treatment intensity, 148–149
change in log hourly wage, 146
confirmation of regional and yearly
variation of minimum wage, 124–125
effect on employment, 108
empirical findings from
econometric analysis, 125–141
empirical findings from simple
graphical analysis, 120–125
gap index, 118
inspecting time-oriented and
regional heterogeneity of
data, 120–123
Japanese minimum wage system, 113–120
prefectural minimum wages, 150–151
probability density of change
in log average employment, 147
related literature, 110–112
Minimum Wage Act, 109, 113
Modeling informality, 156–157
National Action Plan for
Employability of young
people, 203
National Bureau of Economic
Research (NBER), 265
National Service of Learning. See
Servicio Nacional de Aprendizaje (SENA)
National unemployment rates,
regression results using, 273–274
Necessity entrepreneurship,
254–260
business types associated with,
279–282
Noncompensating wage differentials,
196, 207–208
Noncontributory social benefits
(NCSB), 163
Nonpromotion signals and job tenure
analysis, 230–238
data and tests, 238–248
full information model with
T-periods, 230–233
model, 227–230
model with asymmetric
information, 233–238
Nonpromotion wage, 238
Not engaged in Education,
Employment, or Training
(NEET), 197
Oaxaca and Blinder method, 196
Oaxaca-Blinder decomposition,
201
Omitted variable bias (OVB), 202
Opportunity entrepreneurship,
254–260
business types associated with,
279–282
Ordinary least squares model (OLS model), 119–120, 174, 200–201, 241
‘Outside firms’ wage, 234

Part-time workers, MW impacts on, 133–138
on outcomes of full-time workers, 136–138
on outcomes of part-time workers, 138
relative impact of minimum wage increase, 133–136

Payroll taxes, 156–157, 161–163

Pearson correlation coefficient (r), 8–10

Pension and Parafiscals Management Unit (UGPP), 161–162

Pension system, 159–160
Perceived discrimination, 197–198
Persistence hypothesis, 32–33

Physician labor supply, 27–28
CIC approach, 29
conceptual framework, 32–34
CPS, 28
data construction and summary statistics, 34–37
effectiveness of reform, 37–39
long-term labor supply, 39–47
mechanisms, 49–53
physician work-hour regulations, 30–32

Physician work-hour regulations, 30–32

Plan de Impulso a la Productividad y el Empleo (PIPE), 162

Plan to Boost Productivity and Employment. See Plan de Impulso a la Productividad y el Empleo (PIPE)

Positive assortative mating, 1–2
Prefectural minimum wages, 113, 119
Productivity, 156
Profits, 164

Promotion dynamics, 226
Promotion-as-signal framework, 223–224, 226
Public pay-as-you-go scheme, 160

Random-effects (RE), 79
Reform, 167–169
Regional economic shocks, 119
Regional heterogeneity of data, 120–123
Regression analysis, 108
Regression coefficients, 127
Regression model, 19–21, 109
and estimates, 173–180
Relative impact of minimum wage increase, 133–136
Relative wage gap indices, 118
Repeated cross sections (RCS), 155
Reverse regression, 19–21
Revised Minimum Wage Act (2007), 119
“Roaring 90s”, 254
Robustness checks, 212–214

Self-employed workers, 159, 164
Self-employment, 259
Self-fulfilling prophecy, 199–200
Servicio Nacional de Aprendizaje (SENA), 161–162
Shadow income, 78
Shadow wages, 63–69, 75, 77–78, 83, 86, 88–90
Signaling of promotion, 238
Simulations, 167–169
Sistema de Identificación de Potenciales Beneficiarios de Programas Sociales (SISBEN), 160
Social protection, 156
Social security, 159–160
healthcare, 160
pension system, 159–160
reform, 158
Socio-economic Panel (SOEP), 260, 263, 282
entrepreneurship in, 264
South Nations and Nationality People (SNNP), 69–70
Spatial Planning Regions (SPRs), 263
Spearman rank-order correlation coefficient, 8
Specification, 109
Standard two-way fixed model, 112
Stereotype correction process, 200
Stereotype threat, 199–200
T-periods, full information model with, 230–233
Tax reform in Colombia, 161–163
econometric estimates, 169–182
econometric-based simulations, 182–184
empirical background, 157–158
histograms of hourly wages, 187
labor market model, 163–169
labor market regulations, 158–160
labor statistics, 191
literature review, 156–158
modeling informality, 156–157
payroll taxes and 2012 tax reform, 161–163
replication exercise, 192–193
Taxes
effects on labor markets, 157
on firms’ profits, 161
payroll, 156–157
Tenure-wage equation, 238
Time-oriented data, 120–123
Traditional two-way fixed effect, 110–111
Treatment Intensity, 117
Triple differences-type estimator (DDD-type estimator), 119
Underdeveloped economy, 154
Unemployment. *See also* Employment
rates in Germany, 278, 289
rates in United States, 277
status, 260
*Unidad de Gestión Pensional y Parafiscales* (UGPP), 155–156
United States
local economic conditions in, 275–276
national trends in, 264–268
regression results using local unemployment rates in, 277
US Panel Study of Income Dynamics (PSID), 263
Value-added tax (VAT), 163
Wage. *See also* Minimum wage (MW) gap, 117
nonpromotion, 238
wage-job-tenure profile, 226, 238
WAGE LASSO, 200
West Germany, national trends in, 270–272
Work ethic, 199
Workers, 229
informal, 153–154
productivity, 224–225
self-employed, 159, 164
young, 199–200
Youth, 73
labor supply, 83–88
labor time contribution, 73–74