

Contents

List of figures	xvii
List of tables	xxix
Preface	xxxix
Acknowledgments	xxxiii
How to use this book	xxxv
I Graphs for univariate data	1
1 Histograms	3
1.1 Introduction	3
1.2 A basic histogram	4
1.2.1 Custom bin widths	6
1.2.2 Changing the y axis	7
1.2.3 Bar labels	8
1.2.4 Added density plots	9
1.3 Spike plots	10
1.4 Histograms with varying bin widths	12
1.5 Multiple histograms	14
1.6 Mirrored histograms	17
1.7 Ridgeline histograms	18
2 Kernel density plots	21
2.1 Introduction	21
2.2 A basic kernel density plot	22
2.2.1 A shaded kernel density plot	24
2.2.2 Bandwidth choices	25
2.2.3 Kernel choices	27

2.3	Cumulative distribution plots	29
2.4	Multiple kernel density plots	31
2.5	Mirrored kernel density plots	35
2.6	Ridgeline kernel density plots	36
3	Box plots	39
3.1	Introduction	39
3.2	A basic box plot	40
3.2.1	Box plot options	43
3.3	Horizontal box plots	44
3.4	Box plots with histograms	44
3.5	Multiple box plots	46
4	Violin plots	51
4.1	Introduction	51
4.2	A basic violin plot	52
4.2.1	Custom bandwidths and kernels	54
4.3	Horizontal violin plot	55
4.4	Multiple violin plots	55
4.5	Custom widths	57
5	Dot plots	59
5.1	Introduction	59
5.2	A basic dot plot	60
5.2.1	Adjusting stack width	62
5.2.2	Adjusting marker size	63
5.2.3	Dot plots without binning	64
5.3	Multiple dot plots	65
5.4	Horizontal dot plots	66
5.5	Beam plots	68
5.6	Dot plots with box plots	70
5.7	Cumulative dot plots	71

6	Stem-and-leaf plots	73
6.1	Introduction	73
6.2	A basic stem-and-leaf plot	74
6.2.1	Custom bins	76
6.3	A graphical stem-and-leaf plot	77
6.4	A horizontal stem-and-leaf plot	79
6.5	Mirrored stem-and-leaf plots	80
7	Distributional diagnostic plots	81
7.1	Introduction	81
7.2	Symmetry plots	82
7.3	Skew plots	84
7.4	Quantile-uniform plots	85
7.5	Quantile-normal plots	87
7.6	Quantile χ^2 plots	88
7.7	Quantile-quantile plots	89
8	Rootograms	91
8.1	Introduction	91
8.2	A basic rootogram	92
8.3	Hanging rootograms	94
8.3.1	Different theoretical distributions	95
8.3.2	Confidence intervals	99
9	Univariate bar charts	101
9.1	Introduction	101
9.2	A basic frequency bar chart	102
9.3	Percentage bar charts	105
9.4	Horizontal bar charts	106
9.5	Sorted bar charts	107
9.6	Multiple bar charts	108
9.7	Dot charts	111

10	Pie charts	113
10.1	Introduction	113
10.2	A basic pie chart	114
10.2.1	Too many categories	116
10.2.2	Labeling pie charts	117
10.2.3	Exploding pie charts	118
10.2.4	Sorting pie charts	119
10.3	Multiple pie charts	120
11	Radar charts	121
11.1	Introduction	121
11.2	A basic radar chart	122
11.2.1	Custom spoke labels	125
11.3	Multiple-radar charts	126
11.4	Radar charts with too few or too many categories	128
11.5	Frequency radar chart	129
II	Graphs for bivariate data	131
12	Scatterplots	133
12.1	Introduction	133
12.2	A basic scatterplot	134
12.2.1	Important marker options	136
12.3	Scatterplots with multiple y and x variables	137
12.4	Scatterplots over categorical groups	141
12.5	Scatterplots with marginal distributions	146
12.6	Binned scatterplots	148
13	Heat plots	153
13.1	Introduction	153
13.2	A basic heat plot	154
13.2.1	Heat plot with frequency statistics	157
13.2.2	Custom colors	158

13.2.3	Custom bins	160
13.2.4	Proportional bin sizes	162
13.2.5	Scatter heat plots	163
13.3	Hex-heat plots	165
13.3.1	Custom bins	166
13.4	Sunflower plots	167
13.4.1	Custom bins	169
14	Line plots	171
14.1	Introduction	171
14.2	A basic line plot	172
14.2.1	Important line options	174
14.2.2	Multiple line plots	176
14.2.3	Line plots with markers	178
14.2.4	Different connecting styles	179
14.2.5	Multiple y axes	180
14.2.6	Unsorted, sorted, and missing data	181
14.2.7	Line graphs with arrows	184
14.3	Sparkline plots	186
14.3.1	Multiple sparkline plots	191
15	Area and shaded range plots	193
15.1	Introduction	193
15.2	A basic area plot	194
15.2.1	Different types of area plots	196
15.2.2	Important area plot options	198
15.3	Data with variation	200
15.4	Shaded range plots	202
15.4.1	Different types of shaded range plots	203
15.5	Pair plots	206
15.6	Multiple area and shaded range plots	207

16	Lines of best fit	211
16.1	Introduction	211
16.2	A basic best fit plot	212
16.2.1	Predicting out of range	216
16.3	Quadratic fits	217
16.4	Fractional polynomial fits	218
16.5	Multiple lines of best fit	219
16.6	Custom polynomial fits	221
16.7	Multiple custom polynomial fits	224
16.8	Custom polynomial fits with functions	226
16.9	Constrained lines of best fit	228
16.10	Nonparametric fits (smoothers)	229
16.10.1	Local polynomial smoother	230
16.10.2	Other bivariate smoothers	233
16.11	Lines of best fit with confidence intervals	235
16.12	Multiple lines of best fit with confidence intervals	237
16.13	Lines of best fit with recast confidence intervals	238
17	Jitter plots	239
17.1	Introduction	239
17.2	A basic jitter plot	240
17.3	A complex jitter plot	242
17.4	Jitter plots with continuous values	244
18	Table plots	249
18.1	Introduction	249
18.2	A basic table plot	250
18.2.1	Horizontal and percentage table plots	252
18.2.2	Complex table plot	253
18.2.3	Framed table plot	255
18.3	Three-way table plot	256

18.4	Balloon plots	257
18.4.1	Custom markers	260
19	Bivariate bar charts	261
19.1	Introduction	263
19.2	A basic two-way frequency bar chart	263
19.2.1	Horizontal two-way frequency bar chart	265
19.2.2	Column, row, and cell percentage two-way bar charts	266
20	Stacked bar charts	273
20.1	Introduction	275
20.2	A basic two-way stacked frequency bar chart	275
20.3	Two-way stacked percentage bar chart	277
20.4	Slide plots	279
20.5	Mosaic plots	281
III	Graphs for multivariate data	285
21	Matrix plots	287
21.1	Introduction	287
21.2	Correlation matrix	289
21.3	Matrix scatterplots	292
21.4	Multiple matrix scatterplots	294
21.5	Cross plots	295
21.6	Trellis plots	296
22	Contour plots	303
22.1	Introduction	303
22.2	A basic contour plot	304
22.2.1	Custom contour levels	306
22.3	Contour-line plots	308
22.4	Contour plots with custom colors	309
22.5	Contour plots with small and incomplete datasets	312

23	Trivariate heat plots	317
23.1	Introduction	317
23.2	A basic trivariate heat plot	318
23.2.1	Trivariate heat plot with a binary z variable	322
23.2.2	Trivariate heat plot scaled color fields	323
23.2.3	Trivariate heat plot with a categorical x variable	324
23.2.4	Trivariate heat plot with categorical y and x variables	326
24	Bubble plots	329
24.1	Introduction	329
24.2	A basic bubble plot	330
24.2.1	Bubble plot with marker labels	333
24.2.2	Bubble plot with different symbols	336
24.2.3	Bubble plot over multiple groups	337
25	Chernoff faces	341
25.1	Introduction	341
25.2	Basic Chernoff faces	342
25.2.1	Chernoff faces with custom ordering	348
25.2.2	Chernoff half faces	349
26	Triplots	351
26.1	Introduction	351
26.2	A basic triplot	352
26.2.1	Important triplot options	356
26.2.2	Multiple triplots	357
27	3D scatterplots	363
27.1	Introduction	363
27.2	A basic 3D scatterplot	364
27.2.1	Rotation	367
27.2.2	Modifying markers	368
27.2.3	3D scatterplots over groups	369
27.2.4	A note on large datasets	370

27.3	3D scatterplot without autoscaling	371
27.4	3D surface plots	377
IV	Special graphs	381
28	Animated graphs	383
28.1	Introduction	383
28.2	A basic animated graph	384
29	Rainbow plots	389
29.1	Introduction	389
29.2	A basic rainbow plot	390
29.3	A complex rainbow line plot	395
29.4	A complex rainbow box plot	402
30	Plotting regression results	405
30.1	Introduction	405
30.2	Visualizing coefficients from one regression	406
30.2.1	Options for coefplot	410
30.3	Plotting coefficients from two regressions	411
30.4	Plotting coefficients from four regressions	412
30.5	Plotting coefficients from a regression with an interaction term	414
31	Maps	417
31.1	Introduction	417
31.2	A basic geographic map	418
31.2.1	Custom labels	421
31.3	Choropleth maps	423
31.3.1	Customization options	425
31.4	Submaps	429
32	Plotting equations	431
32.1	Introduction	431
32.2	A basic mathematical function	432
32.3	A custom equation	434

32.4 A statistical function 435

 32.4.1 Overlaying 436

32.5 Polynomial regression terms 436

References 439

Author index 443

Subject index 445

Bubble plots 448

 30.1 Introduction 448

 30.2 Visualizing coefficients from one regression 449

 30.3 Options for coefficients 450

 30.4 Plotting coefficients from two regressions 451

 30.5 Plotting coefficients from four regressions with an interaction term 452

 30.6 Maps 453

 30.7 Introduction 454

 30.8 A basic geographic map 455

 30.9 Custom labels 456

 30.10 Geographic maps 457

 30.11 Subplots 458

 30.12 Plotting regression 459

 30.13 Introduction 460

 30.14 A basic regression map 461

 30.15 Custom labels 462

 30.16 Geographic maps 463

 30.17 Subplots 464

 30.18 Plotting regression 465

 30.19 Introduction 466

 30.20 A basic regression map 467

 30.21 Custom labels 468

 30.22 Geographic maps 469

 30.23 Subplots 470

 30.24 Plotting regression 471

 30.25 Introduction 472

 30.26 A basic regression map 473

 30.27 Custom labels 474

 30.28 Geographic maps 475

 30.29 Subplots 476

 30.30 Plotting regression 477

 30.31 Introduction 478

 30.32 A basic regression map 479

 30.33 Custom labels 480

 30.34 Geographic maps 481

 30.35 Subplots 482

 30.36 Plotting regression 483

 30.37 Introduction 484

 30.38 A basic regression map 485

 30.39 Custom labels 486

 30.40 Geographic maps 487

 30.41 Subplots 488

 30.42 Plotting regression 489

 30.43 Introduction 490

 30.44 A basic regression map 491

 30.45 Custom labels 492

 30.46 Geographic maps 493

 30.47 Subplots 494

 30.48 Plotting regression 495

 30.49 Introduction 496

 30.50 A basic regression map 497

 30.51 Custom labels 498

 30.52 Geographic maps 499

 30.53 Subplots 500

 30.54 Plotting regression 501

 30.55 Introduction 502

 30.56 A basic regression map 503

 30.57 Custom labels 504

 30.58 Geographic maps 505

 30.59 Subplots 506

 30.60 Plotting regression 507

 30.61 Introduction 508

 30.62 A basic regression map 509

 30.63 Custom labels 510

 30.64 Geographic maps 511

 30.65 Subplots 512

 30.66 Plotting regression 513

 30.67 Introduction 514

 30.68 A basic regression map 515

 30.69 Custom labels 516

 30.70 Geographic maps 517

 30.71 Subplots 518

 30.72 Plotting regression 519

 30.73 Introduction 520

 30.74 A basic regression map 521

 30.75 Custom labels 522

 30.76 Geographic maps 523

 30.77 Subplots 524

 30.78 Plotting regression 525

 30.79 Introduction 526

 30.80 A basic regression map 527

 30.81 Custom labels 528

 30.82 Geographic maps 529

 30.83 Subplots 530

 30.84 Plotting regression 531

 30.85 Introduction 532

 30.86 A basic regression map 533

 30.87 Custom labels 534

 30.88 Geographic maps 535

 30.89 Subplots 536

 30.90 Plotting regression 537

 30.91 Introduction 538

 30.92 A basic regression map 539

 30.93 Custom labels 540

 30.94 Geographic maps 541

 30.95 Subplots 542

 30.96 Plotting regression 543

 30.97 Introduction 544

 30.98 A basic regression map 545

 30.99 Custom labels 546

 30.100 Geographic maps 547

 30.101 Subplots 548

 30.102 Plotting regression 549

 30.103 Introduction 550

 30.104 A basic regression map 551

 30.105 Custom labels 552

 30.106 Geographic maps 553

 30.107 Subplots 554

 30.108 Plotting regression 555

 30.109 Introduction 556

 30.110 A basic regression map 557

 30.111 Custom labels 558

 30.112 Geographic maps 559

 30.113 Subplots 560

 30.114 Plotting regression 561

 30.115 Introduction 562

 30.116 A basic regression map 563

 30.117 Custom labels 564

 30.118 Geographic maps 565

 30.119 Subplots 566

 30.120 Plotting regression 567

 30.121 Introduction 568

 30.122 A basic regression map 569

 30.123 Custom labels 570

 30.124 Geographic maps 571

 30.125 Subplots 572

 30.126 Plotting regression 573

 30.127 Introduction 574

 30.128 A basic regression map 575

 30.129 Custom labels 576

 30.130 Geographic maps 577

 30.131 Subplots 578

 30.132 Plotting regression 579

 30.133 Introduction 580

 30.134 A basic regression map 581

 30.135 Custom labels 582

 30.136 Geographic maps 583

 30.137 Subplots 584

 30.138 Plotting regression 585

 30.139 Introduction 586

 30.140 A basic regression map 587

 30.141 Custom labels 588

 30.142 Geographic maps 589

 30.143 Subplots 590

 30.144 Plotting regression 591

 30.145 Introduction 592

 30.146 A basic regression map 593

 30.147 Custom labels 594

 30.148 Geographic maps 595

 30.149 Subplots 596

 30.150 Plotting regression 597

 30.151 Introduction 598

 30.152 A basic regression map 599

 30.153 Custom labels 600

 30.154 Geographic maps 601

 30.155 Subplots 602

 30.156 Plotting regression 603

 30.157 Introduction 604

 30.158 A basic regression map 605

 30.159 Custom labels 606

 30.160 Geographic maps 607

 30.161 Subplots 608

 30.162 Plotting regression 609

 30.163 Introduction 610

 30.164 A basic regression map 611

 30.165 Custom labels 612

 30.166 Geographic maps 613

 30.167 Subplots 614

 30.168 Plotting regression 615

 30.169 Introduction 616

 30.170 A basic regression map 617

 30.171 Custom labels 618

 30.172 Geographic maps 619

 30.173 Subplots 620

 30.174 Plotting regression 621

 30.175 Introduction 622

 30.176 A basic regression map 623

 30.177 Custom labels 624

 30.178 Geographic maps 625

 30.179 Subplots 626

 30.180 Plotting regression 627

 30.181 Introduction 628

 30.182 A basic regression map 629

 30.183 Custom labels 630

 30.184 Geographic maps 631

 30.185 Subplots 632

 30.186 Plotting regression 633

 30.187 Introduction 634

 30.188 A basic regression map 635

 30.189 Custom labels 636

 30.190 Geographic maps 637

 30.191 Subplots 638

 30.192 Plotting regression 639

 30.193 Introduction 640

 30.194 A basic regression map 641

 30.195 Custom labels 642

 30.196 Geographic maps 643

 30.197 Subplots 644

 30.198 Plotting regression 645

 30.199 Introduction 646

 30.200 A basic regression map 647

 30.201 Custom labels 648

 30.202 Geographic maps 649

 30.203 Subplots 650

 30.204 Plotting regression 651

 30.205 Introduction 652

 30.206 A basic regression map 653

 30.207 Custom labels 654

 30.208 Geographic maps 655

 30.209 Subplots 656

 30.210 Plotting regression 657

 30.211 Introduction 658

 30.212 A basic regression map 659

 30.213 Custom labels 660

 30.214 Geographic maps 661

 30.215 Subplots 662

 30.216 Plotting regression 663

 30.217 Introduction 664

 30.218 A basic regression map 665

 30.219 Custom labels 666

 30.220 Geographic maps 667

 30.221 Subplots 668

 30.222 Plotting regression 669

 30.223 Introduction 670

 30.224 A basic regression map 671

 30.225 Custom labels 672

 30.226 Geographic maps 673

 30.227 Subplots 674

 30.228 Plotting regression 675

 30.229 Introduction 676

 30.230 A basic regression map 677

 30.231 Custom labels 678

 30.232 Geographic maps 679

 30.233 Subplots 680

 30.234 Plotting regression 681

 30.235 Introduction 682

 30.236 A basic regression map 683

 30.237 Custom labels 684

 30.238 Geographic maps 685

 30.239 Subplots 686

 30.240 Plotting regression 687

 30.241 Introduction 688

 30.242 A basic regression map 689

 30.243 Custom labels 690

 30.244 Geographic maps 691

 30.245 Subplots 692

 30.246 Plotting regression 693

 30.247 Introduction 694

 30.248 A basic regression map 695

 30.249 Custom labels 696

 30.250 Geographic maps 697

 30.251 Subplots 698

 30.252 Plotting regression 699

 30.253 Introduction 700

 30.254 A basic regression map 701

 30.255 Custom labels 702

 30.256 Geographic maps 703

 30.257 Subplots 704

 30.258 Plotting regression 705

 30.259 Introduction 706

 30.260 A basic regression map 707

 30.261 Custom labels 708

 30.262 Geographic maps 709

 30.263 Subplots 710

 30.264 Plotting regression 711

 30.265 Introduction 712

 30.266 A basic regression map 713

 30.267 Custom labels 714

 30.268 Geographic maps 715

 30.269 Subplots 716

 30.270 Plotting regression 717

 30.271 Introduction 718

 30.272 A basic regression map 719

 30.273 Custom labels 720

 30.274 Geographic maps 721

 30.275 Subplots 722

 30.276 Plotting regression 723

 30.277 Introduction 724

 30.278 A basic regression map 725

 30.279 Custom labels 726

 30.280 Geographic maps 727

 30.281 Subplots 728

 30.282 Plotting regression 729

 30.283 Introduction 730

 30.284 A basic regression map 731

 30.285 Custom labels 732

 30.286 Geographic maps 733

 30.287 Subplots 734

 30.288 Plotting regression 735

 30.289 Introduction 736

 30.290 A basic regression map 737

 30.291 Custom labels 738

 30.292 Geographic maps 739

 30.293 Subplots 740

 30.294 Plotting regression 741

 30.295 Introduction 742

 30.296 A basic regression map 743

 30.297 Custom labels 744

 30.298 Geographic maps 745

 30.299 Subplots 746

 30.300 Plotting regression 747

 30.301 Introduction 748

 30.302 A basic regression map 749

 30.303 Custom labels 750

 30.304 Geographic maps 751

 30.305 Subplots 752

 30.306 Plotting regression 753

 30.307 Introduction 754

 30.308 A basic regression map 755

 30.309 Custom labels 756

 30.310 Geographic maps 757

 30.311 Subplots 758

 30.312 Plotting regression 759

 30.313 Introduction 760

 30.314 A basic regression map 761

 30.315 Custom labels 762

 30.316 Geographic maps 763

 30.317 Subplots 764

 30.318 Plotting regression 765

 30.319 Introduction 766

 30.320 A basic regression map 767

 30.321 Custom labels 768

 30.322 Geographic maps 769

 30.323 Subplots 770

 30.324 Plotting regression 771

 30.325 Introduction 772

 30.326 A basic regression map 773

 30.327 Custom labels 774

 30.328 Geographic maps 775

 30.329 Subplots 776

 30.330 Plotting regression 777

 30.331 Introduction 778

 30.332 A basic regression map 779

 30.333 Custom labels 780

 30.334 Geographic maps 781

 30.335 Subplots 782

 30.336 Plotting regression 783

 30.337 Introduction 784

 30.338 A basic regression map 785

 30.339 Custom labels 786

 30.340 Geographic maps 787

 30.341 Subplots 788

 30.342 Plotting regression 789

 30.343 Introduction 790

 30.344 A basic regression map 791

 30.345 Custom labels 792

 30.346 Geographic maps 793

 30.347 Subplots 794

 30.348 Plotting regression 795

 30.349 Introduction 796

 30.350 A basic regression map 797

 30.351 Custom labels 798

 30.352 Geographic maps 799

 30.353 Subplots 800

 30.354 Plotting regression 801

 30.355 Introduction 802

 30.356 A basic regression map 803

 30.357 Custom labels 804

 30.358 Geographic maps 805

 30.359 Subplots 806

 30.360 Plotting regression 807

 30.361 Introduction 808

 30.362 A basic regression map 809

 30.363 Custom labels 810

 30.364 Geographic maps 811

 30.365 Subplots 812

 30.366 Plotting regression 813

 30.367 Introduction 814

 30.368 A basic regression map 815

 30.369 Custom labels 816

 30.370 Geographic maps 817

 30.371 Subplots 818

 30.372 Plotting regression 819

 30.373 Introduction 820

 30.374 A basic regression map 821

 30.375 Custom labels 822

 30.376 Geographic maps 823

 30.377 Subplots 824

 30.378 Plotting regression 825

 30.379 Introduction 826

 30.380 A basic regression map 827

 30.381 Custom labels 828

 30.382 Geographic maps 829

 30.383 Subplots 830

 30.384 Plotting regression 831

 30.385 Introduction 832

 30.386 A basic regression map 833

 30.387 Custom labels 834

 30.388 Geographic maps 835

 30.389 Subplots 836

 30.390 Plotting regression 837

 30.391 Introduction 838

 30.392 A basic regression map 839

 30.393 Custom labels 840

 30.394 Geographic maps 841

 30.395 Subplots 842

 30.396 Plotting regression 843

 30.397 Introduction 844

 30.398 A basic regression map 845

 30.399 Custom labels 846

 30.400 Geographic maps 847

 30.401 Subplots 848

 30.402 Plotting regression 849

 30.403 Introduction 850

 30.404 A basic regression map 851

 30.405 Custom labels 852

 30.406 Geographic maps 853

 30.407 Subplots 854

 30.408 Plotting regression 855

 30.409 Introduction 856

 30.410 A basic regression map 857

 30.411 Custom labels 858

 30.412 Geographic maps 859

 30.413 Subplots 860

 30.414 Plotting regression 861

 30.415 Introduction 862

 30.416 A basic regression map 863

 30.417 Custom labels 864

 30.418 Geographic maps 865

 30.419 Subplots 866

 30.420 Plotting regression 867

 30.421 Introduction 868

 30.422 A basic regression map 869

 30.423 Custom labels 870

 30.424 Geographic maps 871

 30.425 Subplots 872

 30.426 Plotting regression 873

 30.427 Introduction 874

 30.428 A basic regression map 875

 30.429 Custom labels 876

 30.430 Geographic maps 877

 30.431 Subplots 878

 30.432 Plotting regression 879

 30.433 Introduction 880

 30.434 A basic regression map 881

 30.435 Custom labels 882

 30.436 Geographic maps 883

 30.437 Subplots 884

 30.438 Plotting regression 885

 30.439 Introduction 886

 30.440 A basic regression map 887

 30.441 Custom labels 888

 30.442 Geographic maps 889

 30.443 Subplots 890

 30.444 Plotting regression 891

 30.445 Introduction 892

 30.446 A basic regression map 893

 30.447 Custom labels 894

 30.448 Geographic maps 895

 30.449 Subplots 896

 30.450 Plotting regression 897

 30.451 Introduction 898

 30.452 A basic regression map 899

 30.453 Custom labels 900

 30.454 Geographic maps 901

 30.455 Subplots 902

 30.456 Plotting regression 903

 30.457 Introduction 904

 30.458 A basic regression map 905

 30.459 Custom labels 906

 30.460 Geographic maps 907

 30.461 Subplots 908

 30.462 Plotting regression 909

 30.463 Introduction 910

 30.464 A basic regression map 911

 30.465 Custom labels 912

 30.466 Geographic maps 913

 30.467 Subplots 914

 30.468 Plotting regression 915

 30.469 Introduction 916

 30.470 A basic regression map 917

 30.471 Custom labels 918

 30.472 Geographic maps 919

 30.473 Subplots 920

 30.474 Plotting regression 921

 30.475 Introduction 922

 30.476 A basic regression map 923

 30.477 Custom labels 924

 30.478 Geographic maps 925

 30.479 Subplots 926

 30.480 Plotting regression 927

 30.481 Introduction 928

 30.482 A basic regression map 929

 30.483 Custom labels 930