
Index of examples

- absenteeism 268
accident counts 267
adenomas in mice 226, 247
admissions at an intensive care unit
128, 176
annual wages (USA) 250
Anopheles farauti mosquitoes 321
approximating a binomial probability
216
asymmetric binomial distribution 218
- bags of pretzels 314
bags of sugar 203
binomial quartiles 136
birthdays 151
blood groups 72
body and brain weights 6
body fat percentage and age 441
body weight 160
breakdowns 329
breaking strengths 287
- calls at a switchboard 152
chest measurements 83, 159, 191, 195
cirrhosis and alcoholism 5
coal-mining disasters 267, 291
coin tossing 75
collector's problem 479
colour blindness 151, 166
comparing accident rates 342
counts of system failures 467
counts of the leech *Helobdella* 224, 226
crooked dice 58, 272
cycle usage 143, 148, 310
- defective items 151
determination of the sample size 293
die-rolling experiment (simulation) 52
diet supplement in rats 516
digit frequencies 125
diseased trees 268
divorces in England and Wales 229,
384
dopamine activity 373
dopamine hypothesis of schizophrenia
523
Down's syndrome 39
duckweed 389
- educational level and criminal convic-
tions 447
empirical distribution function 494
epileptic seizures 227
- error gravity scores 365
estimating height 158
examination scores 388
exponential probability plot 352
expressed emotion 518
- fair die 98
family size with a stopping rule 120
faulty cable 128
females in queues 223
finger ridges of identical twins 524
finger-tapping 380
Forbes' data 381
Framingham Heart Study 522
- Great Plague 470
green sunfish 470
green-haired Martians 128
- headache relief 74
heights 82, 192, 196
hepatitis 84
Hooker's data 386
hospital treatments 519
- infants with SIRDS 4, 335
IQ measurements 192, 195
- kitchen clock times 281
- leaf lengths 43
leaves of Indian creeper plants 114, 247
lung cancer and smoking 419
lung diseases 476
lynx data 477
- Mann-Whitney-Wilcoxon test 373
March rainfall 478
mathematical function 55
mean of a binomial random variable
102
measuring intelligence 108
memory recall times 61, 337
method of moments 242
month of death of royal descendants
126
monthly temperatures 474
multiple choice examination scores 79
- nicotine levels 83
normal mean 108
normal probabilities 200
normal probability plot 350, 351
- nutritional study 154
- Old Faithful geyser 36
opinion polls 3
origins of the Etruscan empire 96
osteoporosis 82, 192, 196
- paper strength 390
particle counting 153
perfect die 164
pneumonia risk in smokers 511
political attitudes 75
presence-absence data 478
Prussian horse-kick data 490
- question of authorship 502
queue lengths 472
- rainy days 480
random events occurring in continuous
time 168
recurrent events showing a non-random
pattern 168
road casualties 469
road distances 387
roulette wheels 72
runners 4
- sales of jeans 473
Salt Lake City data 120
sand flies 227
scattering activity 468
Scottish soldiers 83
sections of a chemical reactor 161
seed cotyledons 326
sex of consecutive children 116, 481
sign test 369
silicon chips 117
silver content of Byzantine coins 339
smallpox 473
smokers 296
snoring frequency and heart disease
431
social surveys 47
socio-economic data 427
soil organisms 243
spores of the fungus *Sordaria* 103
stock-market averages 7
street lamp bulbs 48
strength of beams 385
surgical removal of tattoos 7
systolic and diastolic blood pressures
426

Tel Aviv rainfall study 481
temperature differences 391
testing a Bernoulli parameter p 307
testing a binomial fit 359
testing a normal fit 361
testing a Poisson fit 355
testing for zero correlation 445
three dice 220
thunderstorms 151
times of system failures 466
traffic 64, 464, 492
traffic census 208
traffic wardens 131
triangular mean 107
two dice 114
two species of ant 166
typographical errors 144
USA workforce 3
using X-rays to kill bacteria 526, 528
vehicle occupancy 242
viral lesions on tobacco leaves 513
visual perception 75
water temperature 159
Weldon's dice data 506
whooping cranes 471
Wilcoxon signed rank test 370, 372
wind speed and race time 525
yeast cells 312