

T1 Statistics	T1 data	T1 variation
T1 parameter	T1 statistic	T1 descriptive statistics
T1 inferential statistics	T1 variable	T1 Categorical

T1 变异 biàn yì	T1 数据 shù jù	T1 统计学 tǒng jì xué
T1 描述统计 miáo shù tǒng jì	T1 统计量 tǒng jì liàng	T1 参数 cān shù
T1 分类 fēn lèi	T1 变量 biàn liàng	T1 推断统计 tuī duàn tǒng jì

T1 Quantitative	T1 frequency table	T1 relative frequency
T1 proportion	T1 Bar charts	T1 dotplot
T1 stem-and-leaf plot	T1 histogram	T1 distribution

T1 相对频率 xiāng duì pín lǜ	T1 频数表 pín shuò biǎo	T1 定量 dìng liàng
T1 点图 diǎn tú	T1 条形图 tiáo xíng tú	T1 比例 bǐ lì
T1 分布 fēn bù	T1 直方图 zhí fāng tú	T1 茎叶图 jīng yè tú

T1 Shape	T1 skewed	T1 unimodal
T1 bimodal	T1 uniform	T1 Outliers
T1 mean	T1 median	T1 interquartile range

T1 单峰 dān fēng	T1 偏斜 piān xié	T1 形状 xíng zhuàng
T1 离群值 lí qún zhí	T1 均匀 jūn yún	T1 双峰 shuāng fēng
T1 四分位距 sì fēn wèi jù	T1 中位数 zhōng wèi shù	T1 均值 jūn zhí

T1 standard deviation	T1 variance	T1 five-number summary
T1 percentile	T1 cumulative relative frequency graph	T1 boxplot
T1 normal distribution	T1 empirical rule	T1 z-score

T1 五数概括 wǔ shù gài kuò	T1 方差 fāng chà	T1 标准差 biāo zhǔn chà
T1 箱线图 xiāng xiàn tú	T1 累积相对频率图 lěi jī xiāng duì pín lǜ tú	T1 百分位数 bǎi fēn wèi shù
T1 标准分数 biāo zhǔn fēn shù	T1 经验法则 jīng yàn fǎ zé	T1 正态分布 zhèng tài fēn bù

T2 associated	T2 explanatory variable	T2 response variable
T2 two-way table	T2 marginal distributions	T2 conditional distribution
T2 Segmented bar charts	T2 scatterplot	T2 correlation coefficient

T2 响应变量 xiǎng yìng biàn liàng	T2 解释变量 jiě shì biàn liàng	T2 关联 guān lián
T2 条件分布 tiáo jiàn fēn bù	T2 边缘分布 biān yuán fēn bù	T2 双向表 shuāng xiàng biǎo
T2 相关系数 xiāng guān xì shù	T2 散点图 sàn diǎn tú	T2 分段条形图 fēn duàn tiáo xíng tú

T2 least-squares regression line	T2 slope	T2 y-intercept
T2 extrapolation	T2 residual	T2 residual plot
T2 coefficient of determination	T2 high-leverage	T2 influential

T2 截距 jié jù	T2 斜率 xié lǜ	T2 最小二乘回归线 zuì xiǎo èr chéng huí guī xiàn
T2 残差图 cán chà tú	T2 残差 cán chà	T2 外推 wài tuī
T2 有影响的 yǒu yǐng xiǎng de	T2 高杠杆 gāo gàng gǎn	T2 决定系数 jué dìng xì shù

T3 population	T3 observational study	T3 experiment
T3 treatment	T3 sample	T3 Random sampling
T3 bias	T3 Simple random sample (SRS)	T3 Stratified

T3 实验 shí yàn	T3 观察性研究 guān chá xìng yán jiū	T3 总体 zǒng tǐ
T3 随机抽样 suí jī chōu yàng	T3 样本 yàng běn	T3 处理 chǔ lǐ
T3 分层 fēn céng	T3 简单随机样本 jiǎn dān suí jī yàng běn	T3 偏差 piān chā

T3 Cluster	T3 Systematic	T3 convenience sample
T3 Undercoverage	T3 Nonresponse	T3 Response bias
T3 control group	T3 placebo	T3 Random assignment

T3 方便样本 fāng biàn yàng běn	T3 系统 xì tǒng	T3 整群 zhěng qún
T3 回应偏差 huí yìng piān chā	T3 无回应 wú huí yìng	T3 覆盖不足 fù gài bù zú
T3 随机分配 suí jī fēn pèi	T3 安慰剂 ān wèi jì	T3 对照组 duì zhào zǔ

T3 Replication	T3 Confounding	T3 Blinding
T3 single-blind	T3 double-blind	T3 Blocking
T4 random	T4 simulation	T4 probability

T3 盲法 máng fǎ	T3 混杂 hùn zá	T3 重复 chóng fù
T3 区组 qū zǔ	T3 双盲 shuāng máng	T3 单盲 dān máng
T4 概率 gài lǜ	T4 模拟 mó nǐ	T4 随机 suí jī

T4 sample space	T4 complement	T4 mutually exclusive
T4 conditional probability	T4 independent	T4 random variable
T4 probability distribution	T4 mean (expected value)	T4 binomial

T4 互斥 hù chì	T4 补 bǔ	T4 样本空间 yàng běn kōng jiān
T4 随机变量 suí jī biàn liàng	T4 独立 dú lì	T4 条件概率 tiáo jiàn gài lǜ
T4 二项 èr xiàng	T4 期望值 qī wàng zhí	T4 概率分布 gài lǜ fēn bù

T4 geometric	T5 statistic	T5 sampling variability
T5 parameter	T5 sampling distribution	T5 standard error
T5 Central Limit Theorem	T5 unbiased	T6 inference

T5 抽样变异 chōu yàng biàn yì	T5 统计量 tǒng jì liàng	T4 几何 jǐ hé
T5 标准误 biāo zhǔn wù	T5 抽样分布 chōu yàng fēn bù	T5 参数 cān shù
T6 推断 tuī duàn	T5 无偏 wú piān	T5 中心极限定理 zhōng xīn jí xiàn dìng lǐ

T6 confidence interval	T6 margin of error	T6 confidence level
T6 significance test	T6 null hypothesis	T6 alternative hypothesis
T6 test statistic	T6 significance level	T6 Type I error

T6 置信水平 zhì xìn shuǐ píng	T6 误差幅度 wù chā fú dù	T6 置信区间 zhì xìn qū jiān
T6 备择假设 bèi zé jiǎ shè	T6 原假设 yuán jiǎ shè	T6 显著性检验 xiǎn zhù xìng jiǎn yàn
T6 第一类错误 dì yī lèi cuò wù	T6 显著性水平 xiǎn zhù xìng shuǐ píng	T6 检验统计量 jiǎn yàn tǒng jì liàng

T6 Type II error	T6 power	T6 combined (pooled)
T6 p-value	T7 distribution	T7 degrees of freedom
T7 paired data	T8 chi-square	T8 degrees of freedom

T6 合并 hé bìng	T6 检验效能 jiǎn yàn xiào néng	T6 第二类错误 dì èr lèi cuò wù
T7 自由度 zì yóu dù	T7 分布 fēn bù	T6 P 值 P zhí
T8 自由度 zì yóu dù	T8 卡方 kǎ fāng	T7 配对数据 pèi duì shù jù

T8 goodness-of-fit (GOF)	T8 Test for homogeneity	T8 Test for independence
T9 scatterplot	T9 sample slope	T9 regression
T9 sampling variability	T9 true (population) slope	T9 inference

T8 独立性 dú lì xìng	T8 同质性 tóng zhì xìng	T8 拟合优度 nǐ hé yōu dù
T9 回归 huí guī	T9 样本斜率 yàng běn xié lǜ	T9 散点图 sàn diǎn tú
T9 推断 tuī duàn	T9 总体斜率 zǒng tǐ xié lǜ	T9 抽样变异性 chōu yàng biàn yì xìng

T9

linear

T9

residual plot

T9

残差图

cán chà tú

T9

线性

xiàn xìng