

**انتخاب  
روش آماری**



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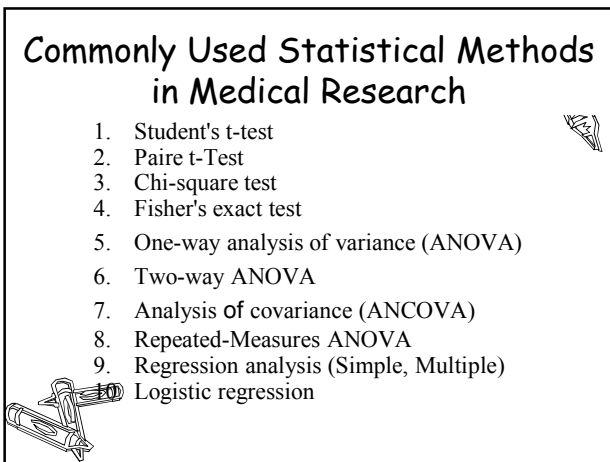
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**Commonly Used Statistical Methods  
in Medical Research**

1. Student's t-test
2. Paired t-Test
3. Chi-square test
4. Fisher's exact test
5. One-way analysis of variance (ANOVA)
6. Two-way ANOVA
7. Analysis of covariance (ANCOVA)
8. Repeated-Measures ANOVA
9. Regression analysis (Simple, Multiple)
10. Logistic regression



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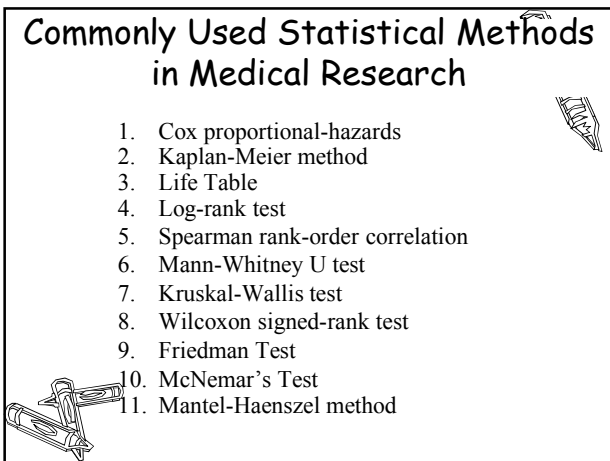
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**Commonly Used Statistical Methods  
in Medical Research**

1. Cox proportional-hazards
2. Kaplan-Meier method
3. Life Table
4. Log-rank test
5. Spearman rank-order correlation
6. Mann-Whitney U test
7. Kruskal-Wallis test
8. Wilcoxon signed-rank test
9. Friedman Test
10. McNemar's Test
11. Mantel-Haenszel method



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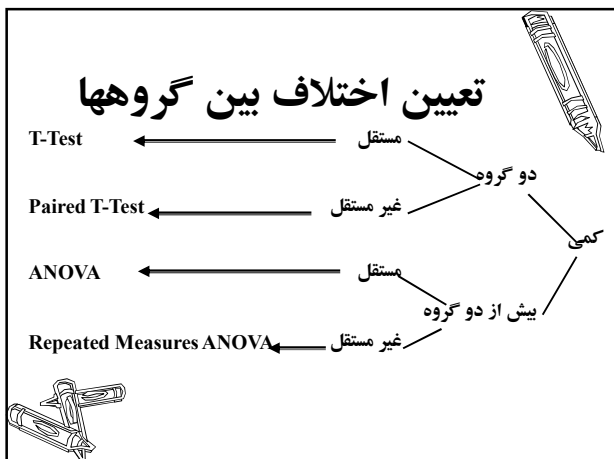
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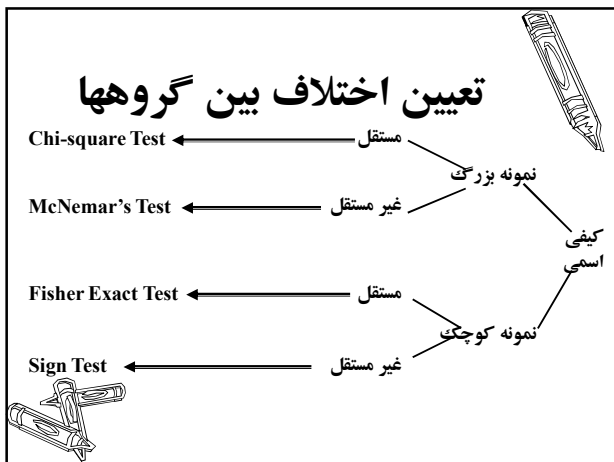
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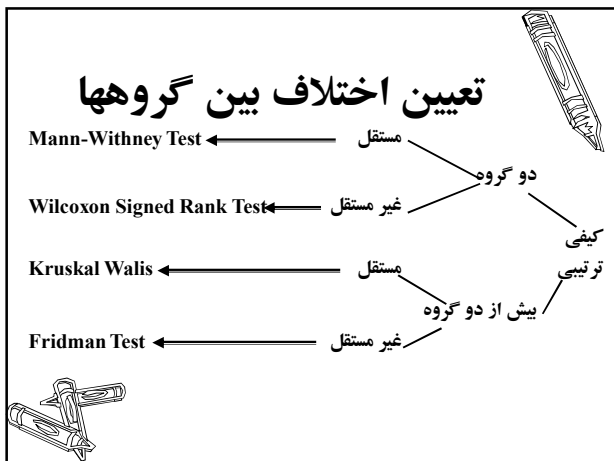
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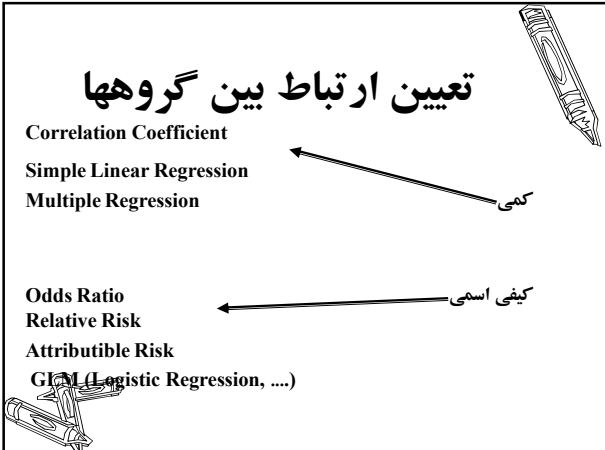
**تعیین ارتباط بین گروهها**

Correlation Coefficient  
Simple Linear Regression  
Multiple Regression

کمی ←

Odds Ratio  
Relative Risk  
Attributable Risk  
GLM (Logistic Regression, ....)

← کیفی اسمی




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**روشهای تحلیل بقا**

Life Table	روش جدول عمر
Kaplan Meier Method	روش کاپلان مایر
Cox Regression Analysis	آنالیز رگرسیون کاکس
Hazard Function	تابع مخاطره
Log Rank Test	آزمون لگاریتمی رتبه ای




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