

## 1. ارتباط IgM و دردهای فوقانی شکمی

### Correlations:

#### Descriptive Statistics

	Mean	Std. Deviation	N
Stomach_ache_history	.18	.390	60
IgM	12.7343	9.97881	60
IgA	11.10805	16.764199	60
IgG	41.13518	61.978706	60

#### Pearson's product-moment correlation

```
data: Stomach ache history and IgM
t = 0.35451, df = 58, p-value = 0.7242
alternative hypothesis: true correlation is not equal to 0
95 percent confidence interval:
-0.2099042 0.2969178
sample estimates:
cor
0.04649889
Confidence = 0.2758
```

#### Pearson's product-moment correlation

```
data: data$`Stomach ache history` and data$IgA
t = 3.305, df = 58, p-value = 0.001632
alternative hypothesis: true correlation is not equal to 0
95 percent confidence interval:
0.1603855 0.5921623
sample estimates:
cor
0.3980974
Confidence = 0.998368
```

#### Pearson's product-moment correlation

```
data: data$`Stomach ache history` and data$IgG
t = 2.2988, df = 58, p-value = 0.02514
alternative hypothesis: true correlation is not equal to 0
95 percent confidence interval:
0.03781863 0.50578078
sample estimates:
cor
0.2889683
Confidence = 0.97486
```

## 2. ارتباط FBS و با آنتی بادی ها

### Correlations:

Descriptive Statistics			
	Mean	Std. Deviation	N
FBS	121.02	57.885	60
IgM	12.7343	9.97881	60
IgA	11.10805	16.764199	60
IgG	41.13518	61.978706	60

#### Pearson's product-moment correlation

```
data: data$FBS and data$IgM
t = 1.2303, df = 58, p-value = 0.2236
alternative hypothesis: true correlation is not equal to 0
95 percent confidence interval:
-0.09843764 0.39730921
sample estimates:
cor
0.1594732
Confidence = 0.7764
```

#### Pearson's product-moment correlation

```
data: data$FBS and data$IgA
t = 0.39041, df = 58, p-value = 0.6977
alternative hypothesis: true correlation is not equal to 0
95 percent confidence interval:
-0.2053984 0.3012056
sample estimates:
cor
0.05119654
Confidence = 0.3023
```

#### Pearson's product-moment correlation

```
data: data$FBS and data$IgG
t = 0.47711, df = 58, p-value = 0.6351
alternative hypothesis: true correlation is not equal to 0
95 percent confidence interval:
-0.1944880 0.3115036
sample estimates:
cor
0.06252453
Confidence = 0.3649
```