

## **9 Multivariate Statistics**

### **9.1 Introduction**

### **9.2 Principal Component Analysis**

### **9.3 Independent Component Analysis (by N. Marwan)**

### **9.4 Discriminant Analysis**

### **9.5 Cluster Analysis**

### **9.6 Multiple Linear Regression**

`3*mean(beta.Diagnostics.CooksDistance)`

### **9.7 Aitchison's Log-Ratio Transformation**

#### **Recommended Reading**

#### **Figure captions**