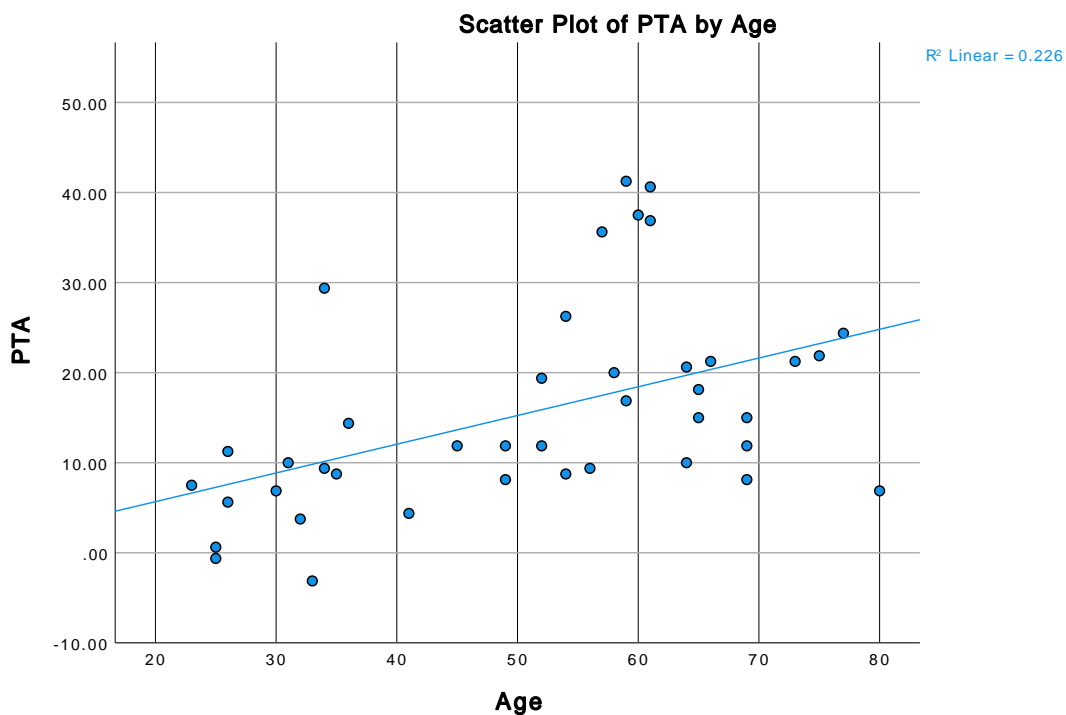```
 * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Age PTA MISSING=LISTWISE REPORTM
ISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=YES SUBGROUP=NO
  /FRAME OUTER=NO INNER=NO
  /GRIDLINES XAXIS=YES YAXIS=YES
  /STYLE GRADIENT=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Age=col(source(s), name("Age"))
  DATA: PTA=col(source(s), name("PTA"))
  GUIDE: axis(dim(1), label("Age"))
  GUIDE: axis(dim(2), label("PTA"))
  GUIDE: text.title(label("Scatter Plot of PTA by Age"))
  ELEMENT: point(position(Age*PTA))
END GPL.
```

## GGraph



Scatter Plot of PTA by Age

$R^2$ Linear = 0.226
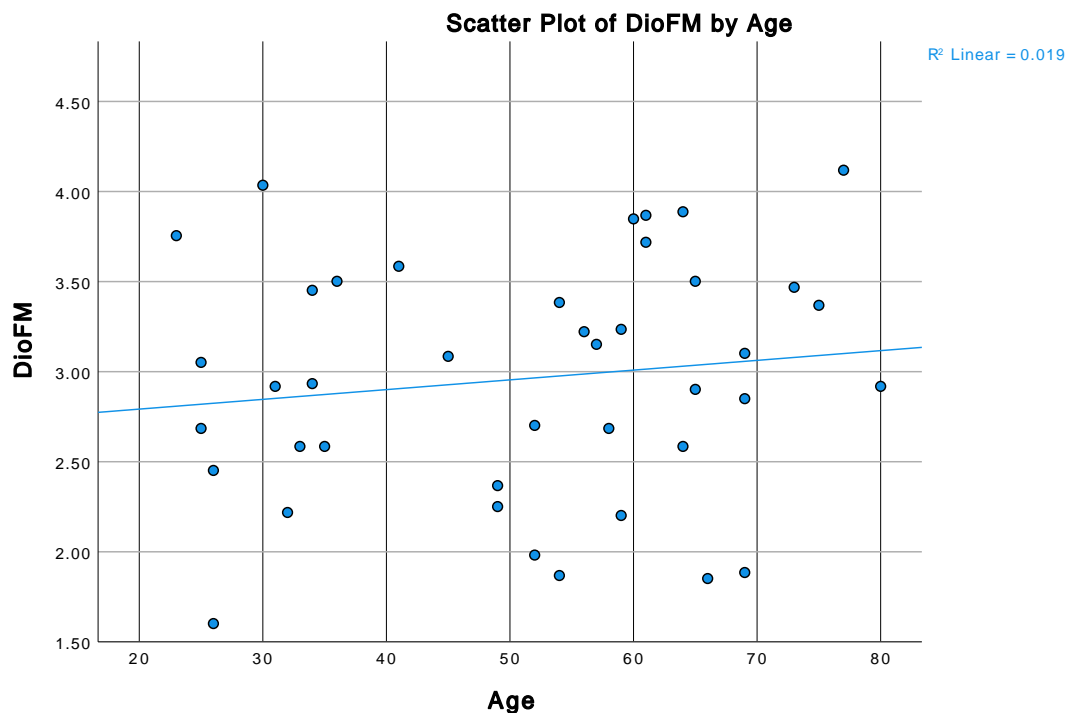
```
 * Chart Builder.
GGRAPH
```

```
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Age DioFM MISSING=LISTWISE REPOR
TMISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=YES SUBGROUP=NO
  /FRAME OUTER=NO INNER=NO
  /GRIDLINES XAXIS=YES YAXIS=YES
  /STYLE GRADIENT=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Age=col(source(s), name("Age"))
  DATA: DioFM=col(source(s), name("DioFM"))
  GUIDE: axis(dim(1), label("Age"))
  GUIDE: axis(dim(2), label("DioFM"))
  GUIDE: text.title(label("Scatter Plot of DioFM by Age"))
  ELEMENT: point(position(Age*DioFM))
END GPL.
```

GGraph


```
 * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Age DichFM MISSING=LISTWISE REPO
RTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=YES SUBGROUP=NO
```
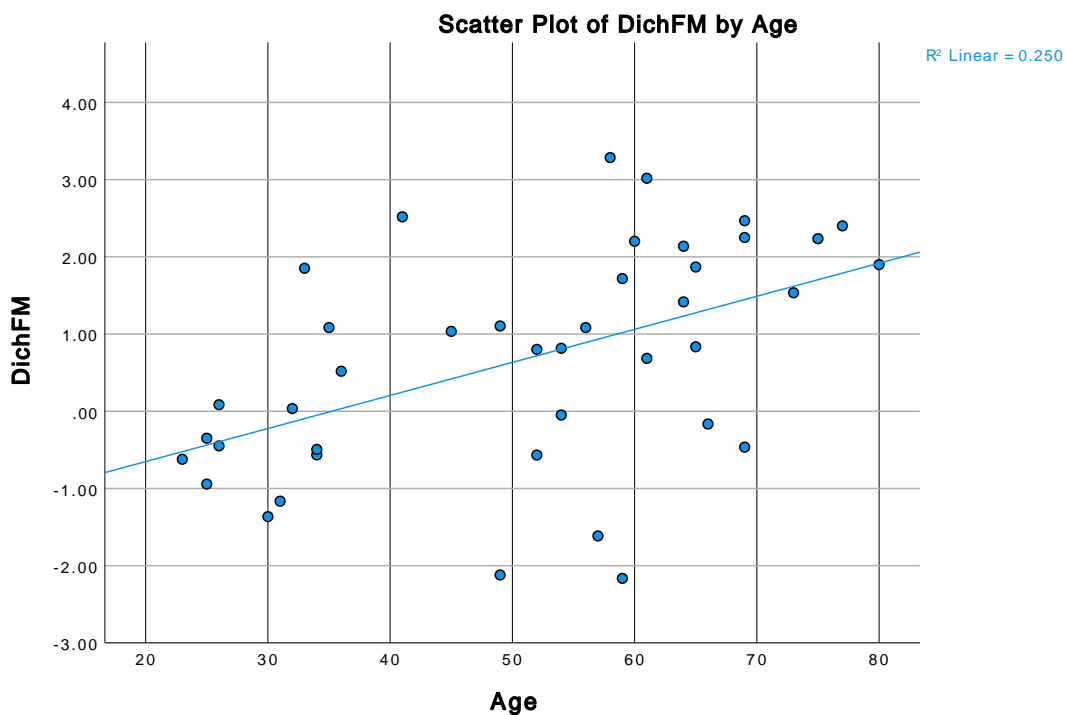
```
   /FRAME OUTER=NO INNER=NO
   /GRIDLINES XAXIS=YES YAXIS=YES
   /STYLE GRADIENT=NO.
BEGIN GPL
   SOURCE: s=userSource(id("graphdataset"))
   DATA: Age=col(source(s), name("Age"))
   DATA: DichFM=col(source(s), name("DichFM"))
   GUIDE: axis(dim(1), label("Age"))
   GUIDE: axis(dim(2), label("DichFM"))
   GUIDE: text.title(label("Scatter Plot of DichFM by Age"))
   ELEMENT: point(position(Age*DichFM))
END GPL.
```

GGraph


```
 * Chart Builder.
GGRAPH
   /GRAPHDATASET NAME="graphdataset" VARIABLES=PTA DichFM MISSING=LISTWISE REPO
RTMISSING=NO
   /GRAPHSPEC SOURCE=INLINE
   /FITLINE TOTAL=YES SUBGROUP=NO
   /FRAME OUTER=NO INNER=NO
   /GRIDLINES XAXIS=YES YAXIS=YES
   /STYLE GRADIENT=NO.
BEGIN GPL
```
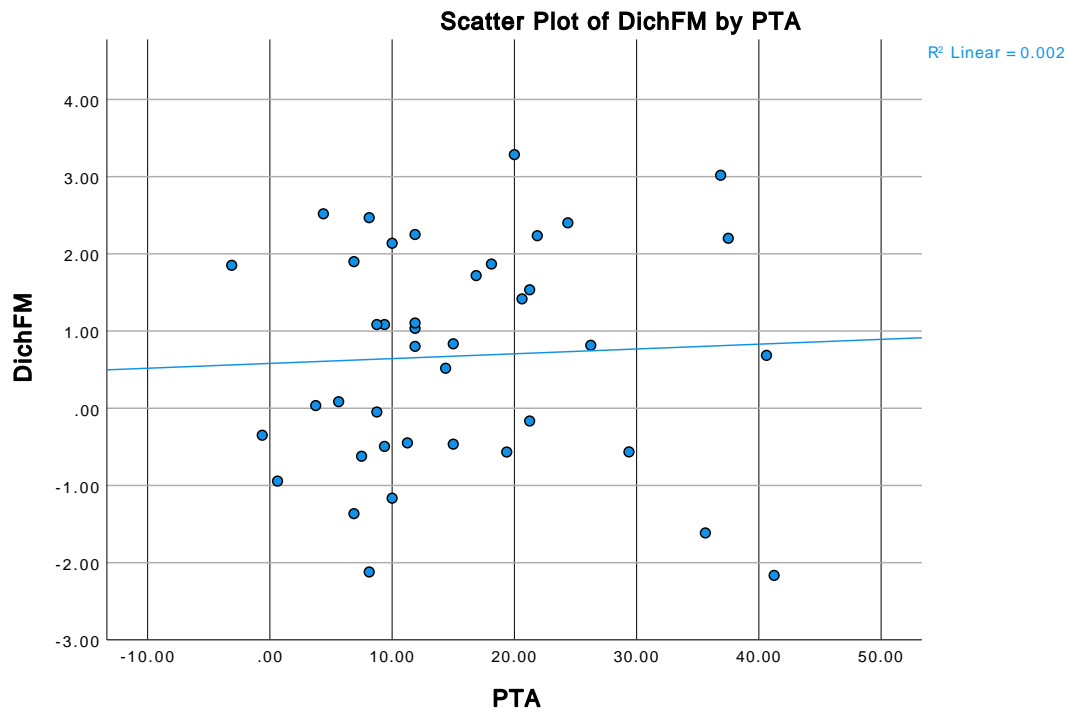
```
    SOURCE: s=userSource(id("graphdataset"))
    DATA: PTA=col(source(s), name("PTA"))
    DATA: DichFM=col(source(s), name("DichFM"))
    GUIDE: axis(dim(1), label("PTA"))
    GUIDE: axis(dim(2), label("DichFM"))
    GUIDE: text.title(label("Scatter Plot of DichFM by PTA"))
    ELEMENT: point(position(PTA*DichFM))
END GPL.
```

GGraph

Scatter Plot of DichFM by PTA

```
  * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Age TGap MISSING=LISTWISE REPORT
MISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=YES
  /FRAME OUTER=NO INNER=NO
  /GRIDLINES XAXIS=YES YAXIS=YES
  /STYLE GRADIENT=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Age=col(source(s), name("Age"))
  DATA: TGap=col(source(s), name("TGap"))
  GUIDE: axis(dim(1), label("Age"))
```
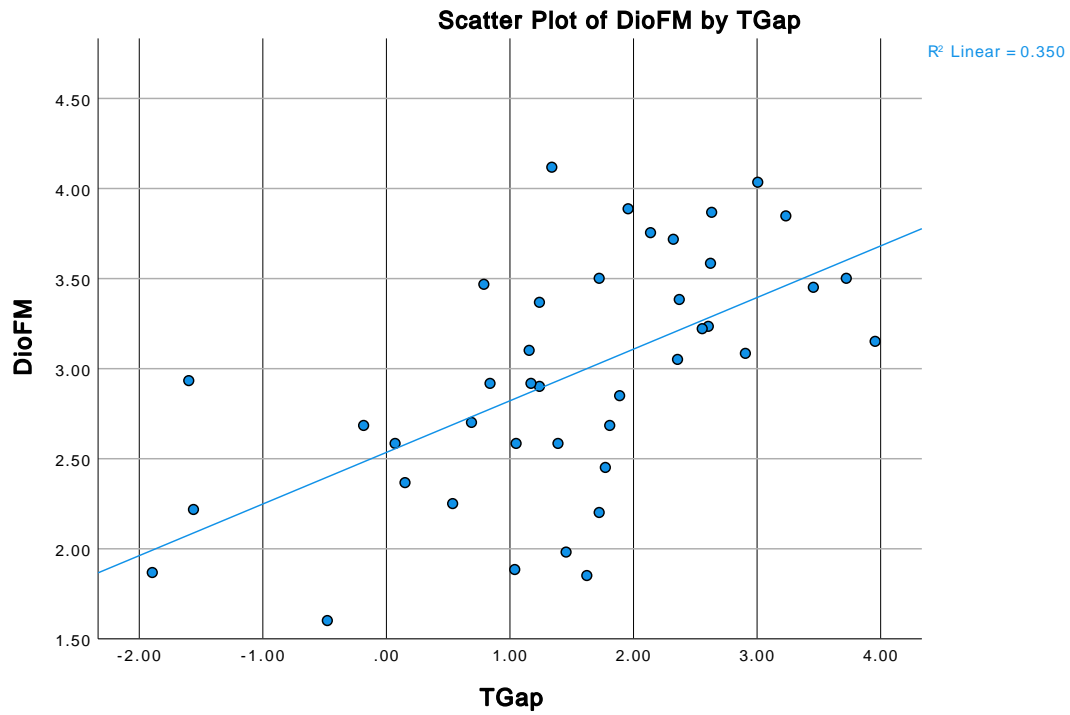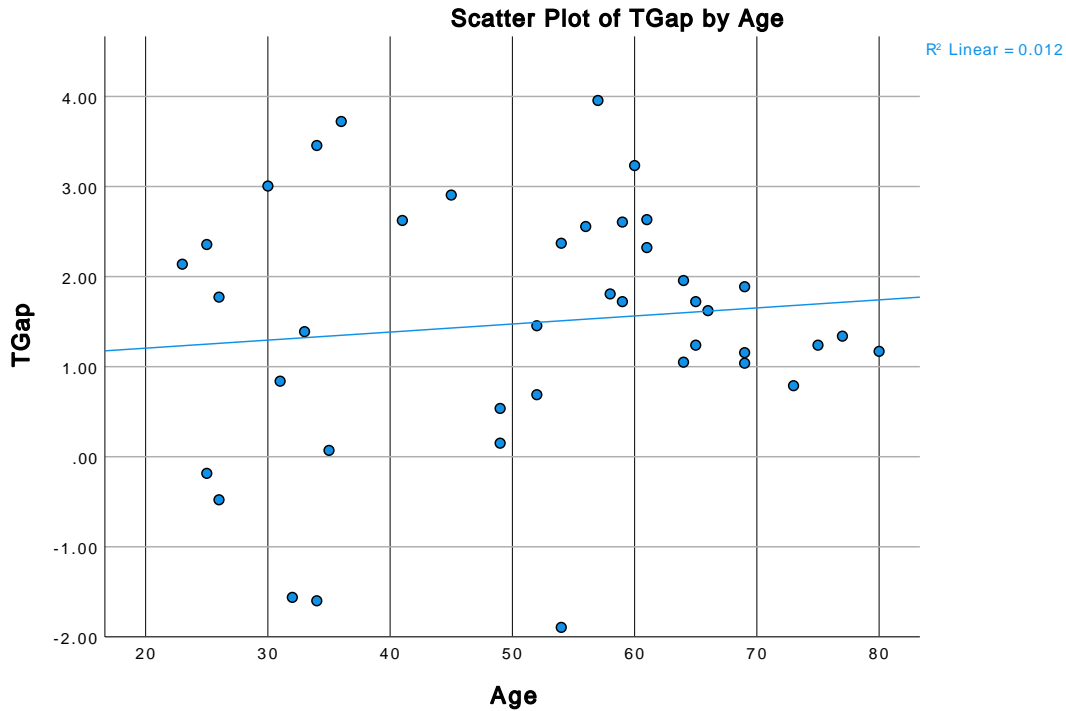
```
  GUIDE: axis(dim(2), label("TGap"))
  GUIDE: text.title(label("Scatter Plot of TGap by Age"))
  ELEMENT: point(position(Age*TGap))
END GPL.
```

GGraph

Scatter Plot of DioFM by TGap

R² Linear = 0.350

GGraph

Scatter Plot of TGap by Age

```
 * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Age STM MISSING=LISTWISE REPORTM
ISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=YES
  /FRAME OUTER=NO INNER=NO
  /GRIDLINES XAXIS=YES YAXIS=YES
  /STYLE GRADIENT=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Age=col(source(s), name("Age"))
  DATA: STM=col(source(s), name("STM"))
  GUIDE: axis(dim(1), label("Age"))
  GUIDE: axis(dim(2), label("STM"))
  GUIDE: text.title(label("scatterfav of STM by Age"))
  ELEMENT: point(position(Age*STM))
END GPL.
```
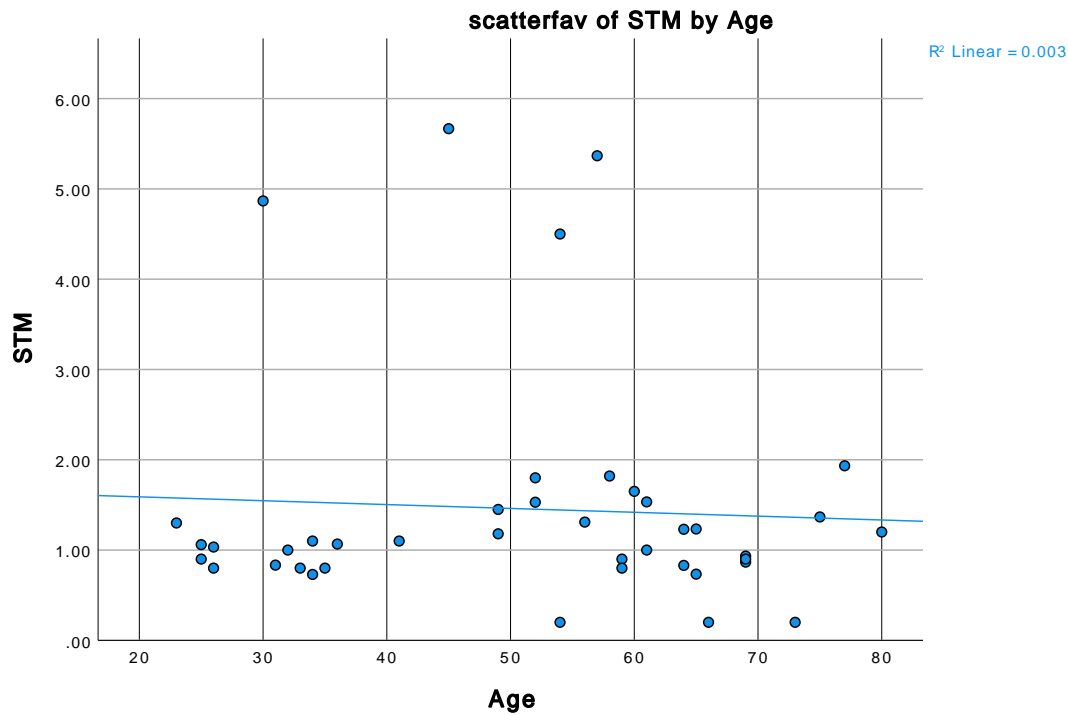
GGraph

scatterfav of STM by Age


```
 * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=PTA STM MISSING=LISTWISE REPORTM
ISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=YES
  /FRAME OUTER=NO INNER=NO
  /GRIDLINES XAXIS=YES YAXIS=YES
  /STYLE GRADIENT=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: PTA=col(source(s), name("PTA"))
  DATA: STM=col(source(s), name("STM"))
  GUIDE: axis(dim(1), label("PTA"))
  GUIDE: axis(dim(2), label("STM"))
  GUIDE: text.title(label("scatterfav of STM by PTA"))
  ELEMENT: point(position(PTA*STM))
END GPL.
```
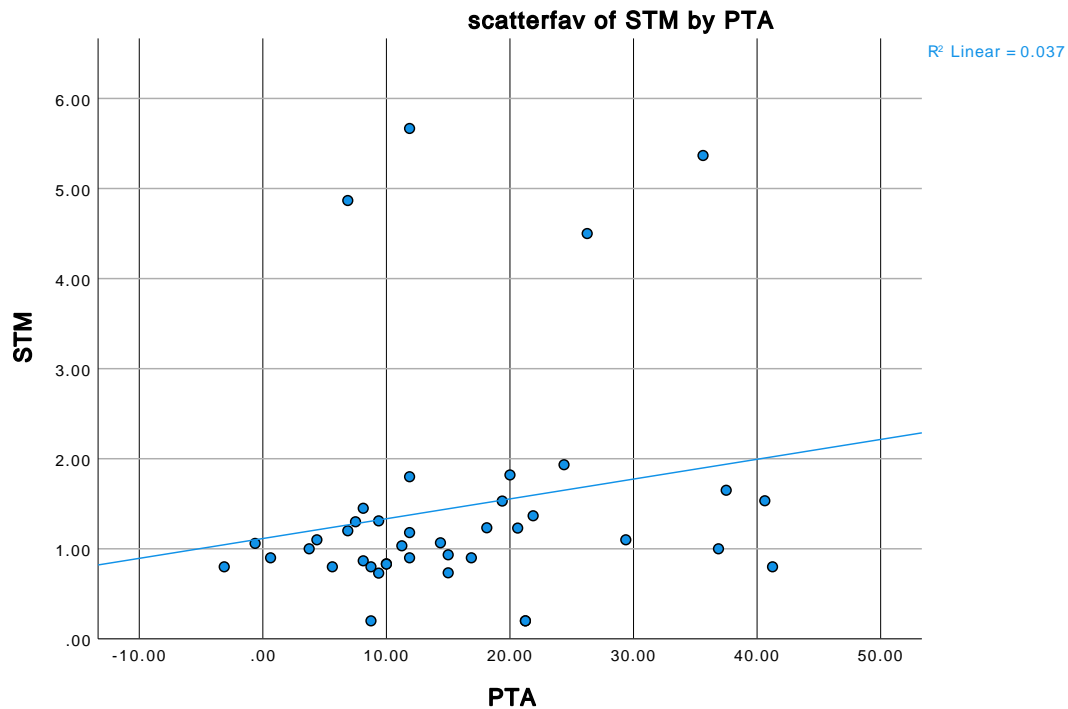
GGraph

scatterfav of STM by PTA

R² Linear = 0.037

```
 * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=SEP STM MISSING=LISTWISE REPORTM
ISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=YES
  /FRAME OUTER=NO INNER=NO
  /GRIDLINES XAXIS=YES YAXIS=YES
  /STYLE GRADIENT=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: SEP=col(source(s), name("SEP"))
  DATA: STM=col(source(s), name("STM"))
  GUIDE: axis(dim(1), label("SEP"))
  GUIDE: axis(dim(2), label("STM"))
  GUIDE: text.title(label("scatterfav of STM by SEP"))
  ELEMENT: point(position(SEP*STM))
END GPL.
```
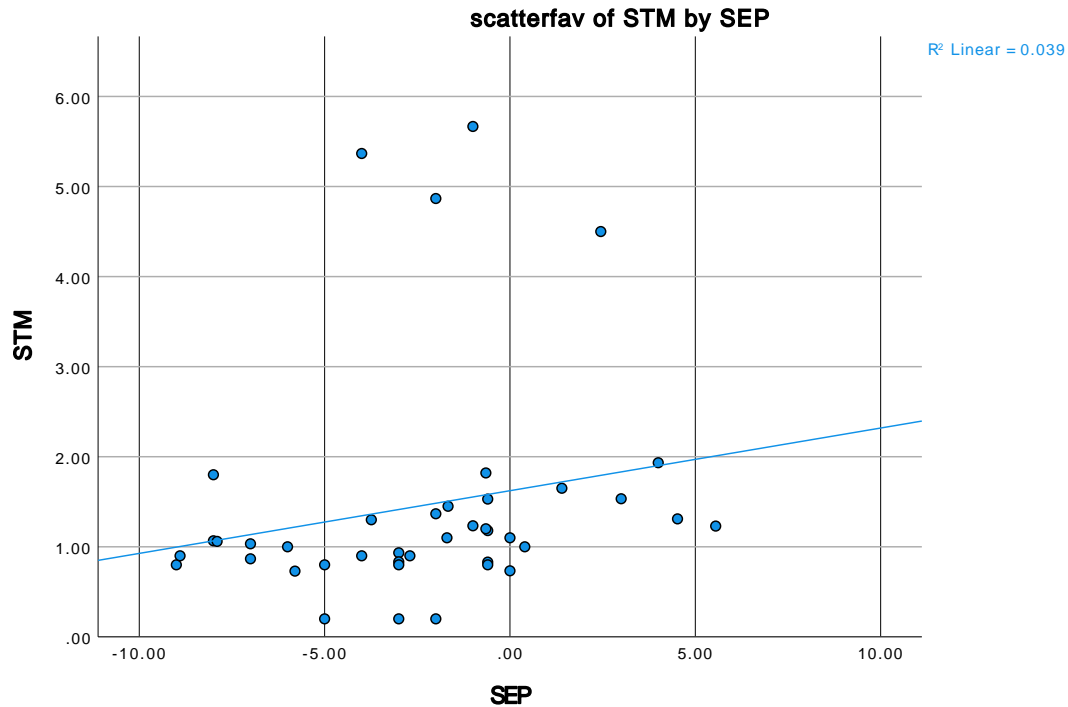
GGraph

scatterfav of STM by SEP

R² Linear = 0.039

```
 * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=CO STM MISSING=LISTWISE REPORTMI
SSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=YES
  /FRAME OUTER=NO INNER=NO
  /GRIDLINES XAXIS=NO YAXIS=YES
  /STYLE GRADIENT=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: CO=col(source(s), name("CO"))
  DATA: STM=col(source(s), name("STM"))
  GUIDE: axis(dim(1), label("CO"))
  GUIDE: axis(dim(2), label("STM"))
  GUIDE: text.title(label("scatterfav of STM by CO"))
  ELEMENT: point(position(CO*STM))
END GPL.
```
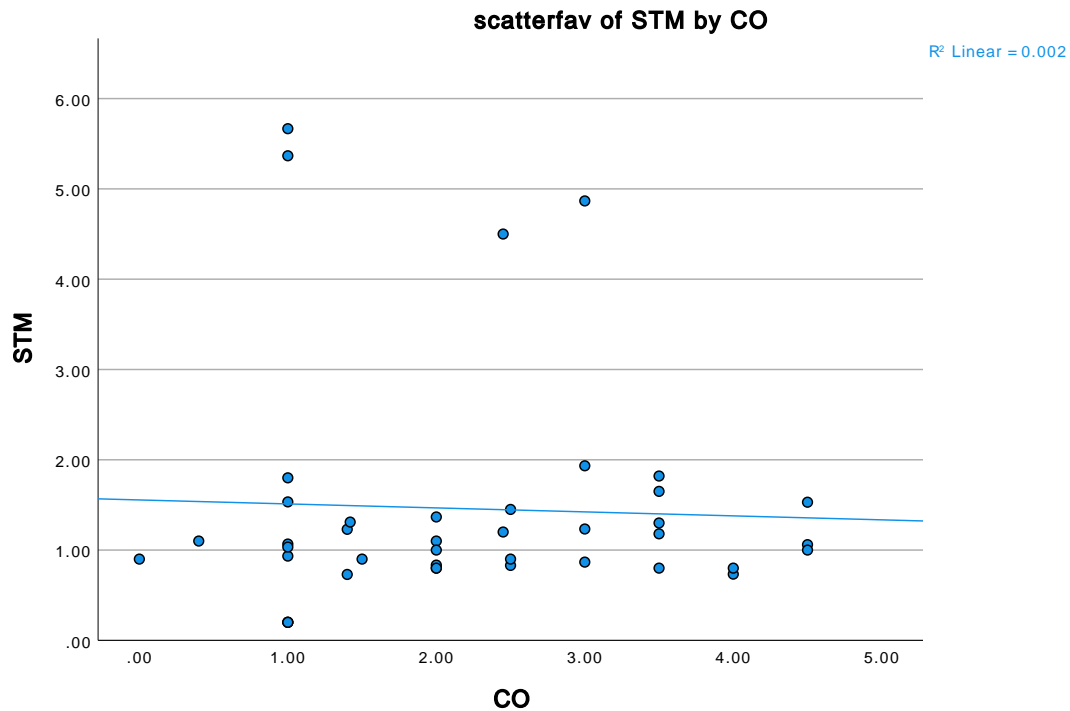
GGraph

scatterfav of STM by CO

R² Linear = 0.002

```
 * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=SEP TM MISSING=LISTWISE REPORTMI
SSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=YES
  /FRAME OUTER=NO INNER=NO
  /GRIDLINES XAXIS=NO YAXIS=YES
  /STYLE GRADIENT=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: SEP=col(source(s), name("SEP"))
  DATA: TM=col(source(s), name("TM"))
  GUIDE: axis(dim(1), label("SEP"))
  GUIDE: axis(dim(2), label("TM"))
  GUIDE: text.title(label("scatterfav of TM by SEP"))
  ELEMENT: point(position(SEP*TM))
END GPL.
```

GGraph

scatterfav of TM by SEP

R² Linear = 0.001

```
 * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=SEP SM MISSING=LISTWISE REPORTMI
SSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=YES
  /FRAME OUTER=NO INNER=NO
  /GRIDLINES XAXIS=NO YAXIS=YES
  /STYLE GRADIENT=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: SEP=col(source(s), name("SEP"))
  DATA: SM=col(source(s), name("SM"))
  GUIDE: axis(dim(1), label("SEP"))
  GUIDE: axis(dim(2), label("SM"))
  GUIDE: text.title(label("scatterfav of SM by SEP"))
  ELEMENT: point(position(SEP*SM))
END GPL.
```
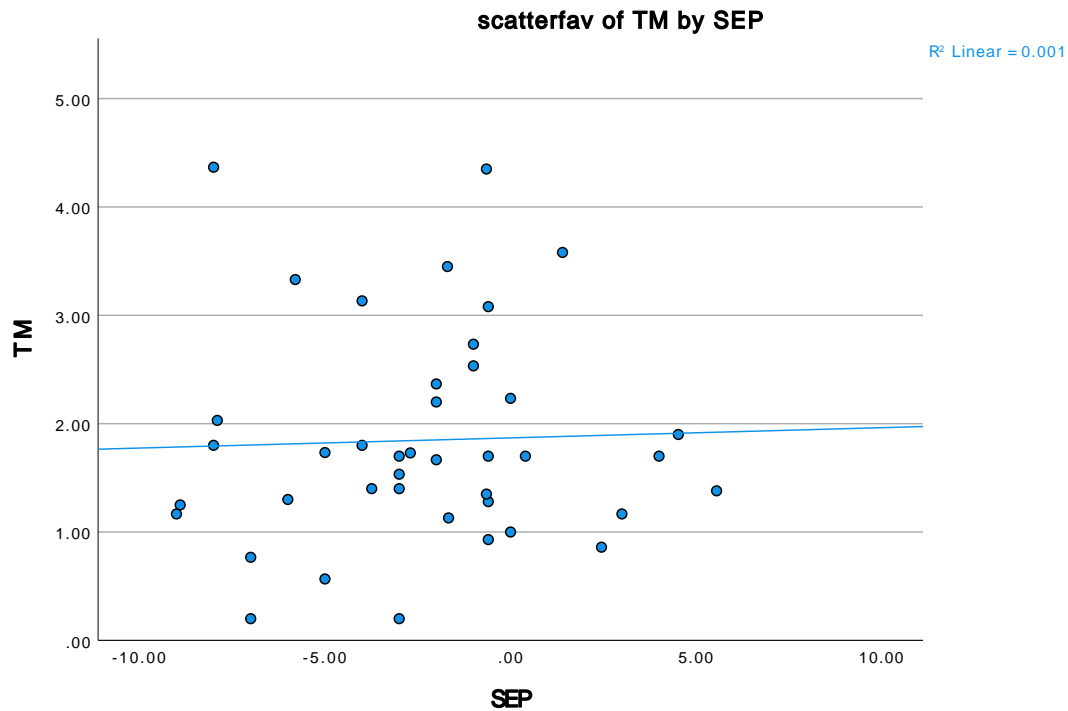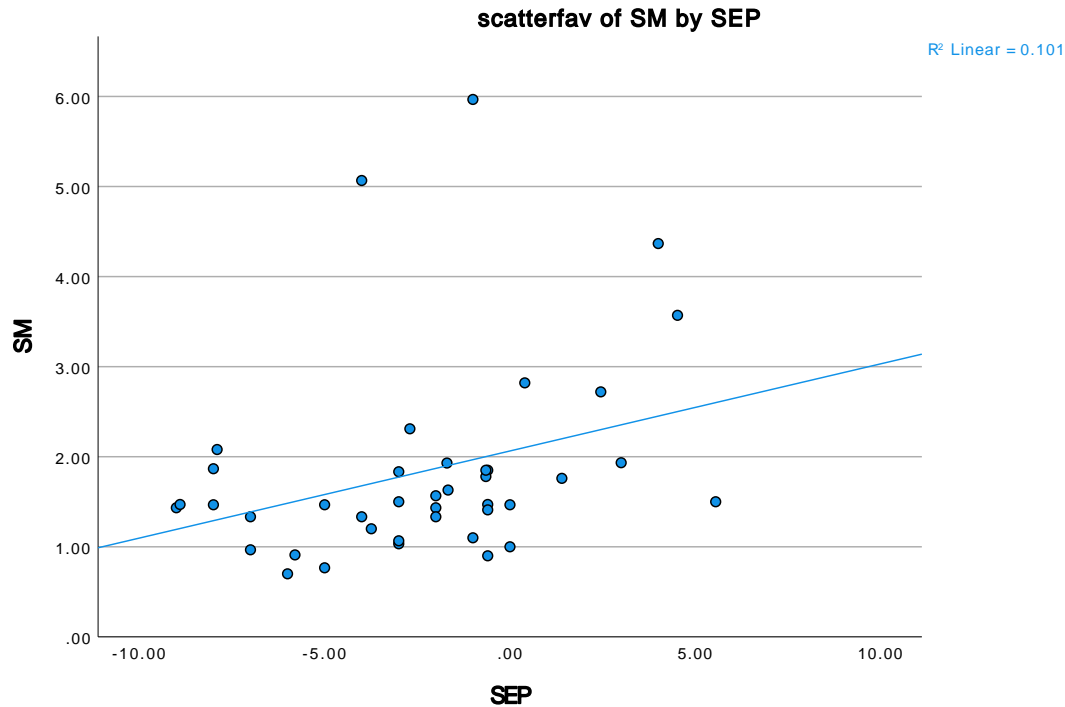
GGraph

scatterfav of SM by SEP

R² Linear = 0.101


```
 * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Age PTA DioFM DichFM TGap MISSIN
G=LISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=NO
  /FRAME OUTER=NO INNER=NO
  /GRIDLINES XAXIS=NO YAXIS=YES
  /STYLE GRADIENT=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Age=col(source(s), name("Age"))
  DATA: PTA=col(source(s), name("PTA"))
  DATA: DioFM=col(source(s), name("DioFM"))
  DATA: DichFM=col(source(s), name("DichFM"))
  DATA: TGap=col(source(s), name("TGap"))
  GUIDE: axis(dim(1.1), ticks(null()))
  GUIDE: axis(dim(2.1), ticks(null()))
  GUIDE: axis(dim(1), gap(0px))
  GUIDE: axis(dim(2), gap(0px))
  GUIDE: text.title(label("Scatterplot Matrix Age,PTA,DioFM,DichFM..."))
  TRANS: Age_label = eval("Age")
  TRANS: PTA_label = eval("PTA")
  TRANS: DioFM_label = eval("DioFM")
```
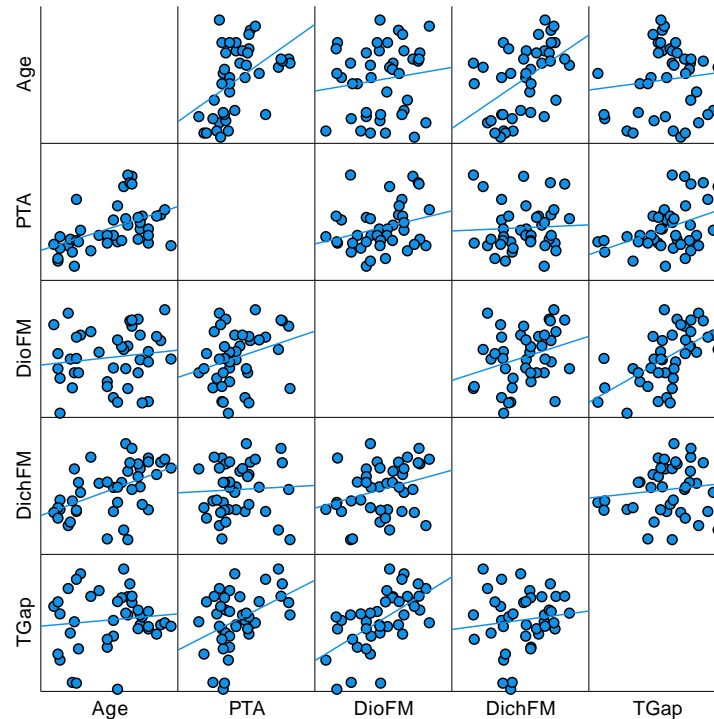
```
   TRANS: DichFM_label = eval("DichFM")
   TRANS: TGap_label = eval("TGap")
   ELEMENT: point(position((Age/Age_label+PTA/PTA_label+DioFM/DioFM_label+DichF
M/DichFM_label+
      TGap/TGap_label)*(Age/Age_label+PTA/PTA_label+DioFM/DioFM_label+DichFM/Dic
hFM_label+TGap/TGap_label)
      ))
END GPL.
```

GGraph


```
 * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Age PTA STM SM TM MISSING=LISTWI
SE REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=YES
  /FRAME OUTER=NO INNER=NO
  /GRIDLINES XAXIS=YES YAXIS=YES
  /STYLE GRADIENT=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Age=col(source(s), name("Age"))
  DATA: PTA=col(source(s), name("PTA"))
  DATA: STM=col(source(s), name("STM"))
```
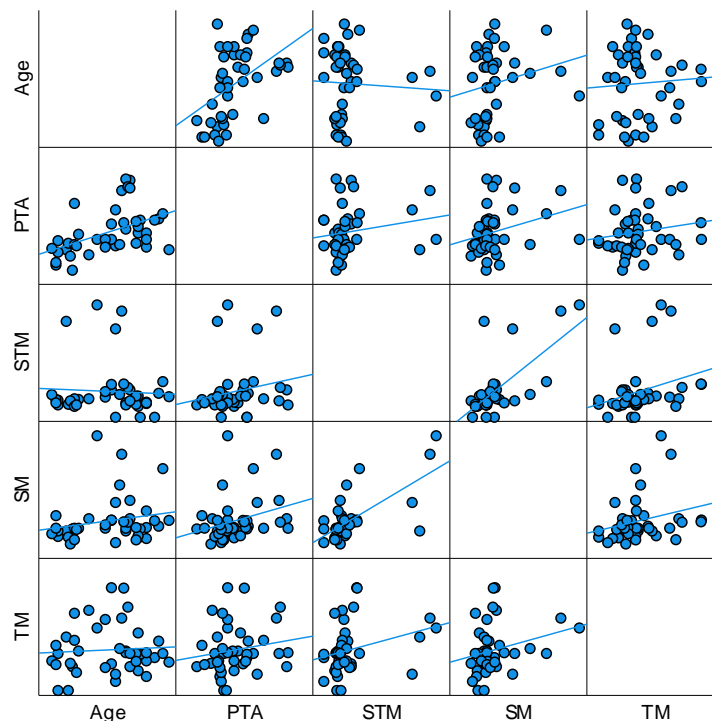
```
DATA: SM=col(source(s), name("SM"))
DATA: TM=col(source(s), name("TM"))
GUIDE: axis(dim(1.1), ticks(null()))
GUIDE: axis(dim(2.1), ticks(null()))
GUIDE: axis(dim(1), gap(0px))
GUIDE: axis(dim(2), gap(0px))
TRANS: Age_label = eval("Age")
TRANS: PTA_label = eval("PTA")
TRANS: STM_label = eval("STM")
TRANS: SM_label = eval("SM")
TRANS: TM_label = eval("TM")
ELEMENT: point(position((Age/Age_label+PTA/PTA_label+STM/STM_label+SM/SM_lab
el+TM/TM_label)*
    (Age/Age_label+PTA/PTA_label+STM/STM_label+SM/SM_label+TM/TM_label)))
END GPL.
```

GGraph


```
 * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Age PTA CO SEP SRM MISSING=LISTW
ISE REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=YES
  /FRAME OUTER=NO INNER=NO
```
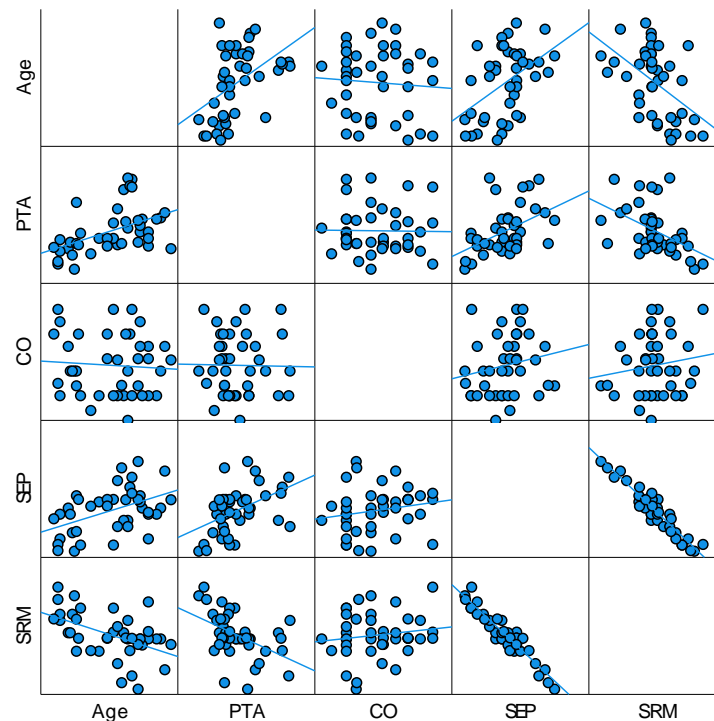
```
  /GRIDLINES XAXIS=YES YAXIS=YES
  /STYLE GRADIENT=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Age=col(source(s), name("Age"))
  DATA: PTA=col(source(s), name("PTA"))
  DATA: CO=col(source(s), name("CO"))
  DATA: SEP=col(source(s), name("SEP"))
  DATA: SRM=col(source(s), name("SRM"))
  GUIDE: axis(dim(1.1), ticks(null()))
  GUIDE: axis(dim(2.1), ticks(null()))
  GUIDE: axis(dim(1), gap(0px))
  GUIDE: axis(dim(2), gap(0px))
  TRANS: Age_label = eval("Age")
  TRANS: PTA_label = eval("PTA")
  TRANS: CO_label = eval("CO")
  TRANS: SEP_label = eval("SEP")
  TRANS: SRM_label = eval("SRM")
  ELEMENT: point(position((Age/Age_label+PTA/PTA_label+CO/CO_label+SEP/SEP_lab
el+SRM/SRM_label)*
     (Age/Age_label+PTA/PTA_label+CO/CO_label+SEP/SEP_label+SRM/SRM_label)))
END GPL.
```
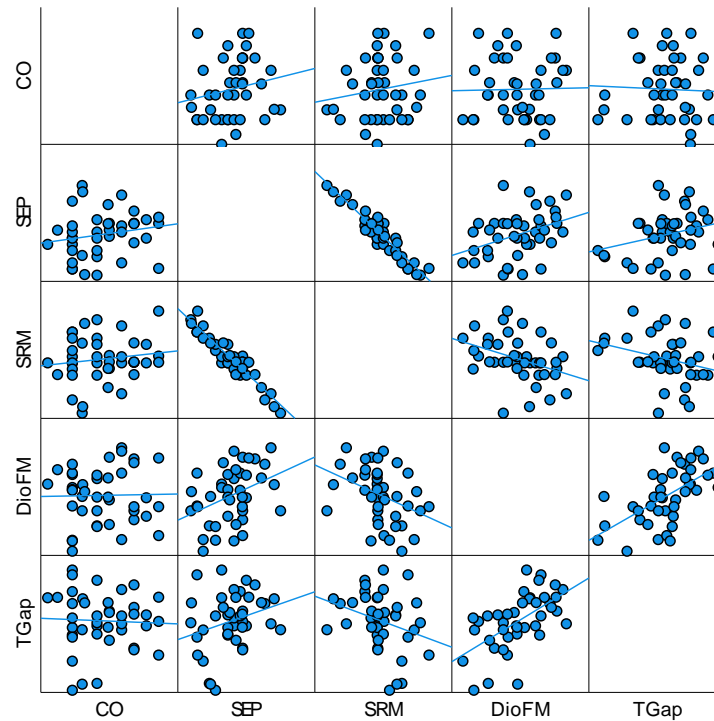
GGraph

```
 * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=CO SEP SRM DioFM TGap MISSING=LI
STWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=YES
  /FRAME OUTER=NO INNER=NO
  /GRIDLINES XAXIS=NO YAXIS=YES
  /STYLE GRADIENT=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: CO=col(source(s), name("CO"))
  DATA: SEP=col(source(s), name("SEP"))
  DATA: SRM=col(source(s), name("SRM"))
  DATA: DioFM=col(source(s), name("DioFM"))
  DATA: TGap=col(source(s), name("TGap"))
  GUIDE: axis(dim(1.1), ticks(null()))
  GUIDE: axis(dim(2.1), ticks(null()))
  GUIDE: axis(dim(1), gap(0px))
  GUIDE: axis(dim(2), gap(0px))
  TRANS: CO_label = eval("CO")
  TRANS: SEP_label = eval("SEP")
  TRANS: SRM_label = eval("SRM")
  TRANS: DioFM_label = eval("DioFM")
  TRANS: TGap_label = eval("TGap")
  ELEMENT: point(position((CO/CO_label+SEP/SEP_label+SRM/SRM_label+DioFM/DioFM
_label+
    TGap/TGap_label)*(CO/CO_label+SEP/SEP_label+SRM/SRM_label+DioFM/DioFM_labe
l+TGap/TGap_label)))
END GPL.
```

GGraph

```
 * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=CO SEP SRM TM SM STM MISSING=LIS
TWISE REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=YES
  /FRAME OUTER=NO INNER=NO
  /GRIDLINES XAXIS=NO YAXIS=YES
  /STYLE GRADIENT=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: CO=col(source(s), name("CO"))
  DATA: SEP=col(source(s), name("SEP"))
  DATA: SRM=col(source(s), name("SRM"))
  DATA: TM=col(source(s), name("TM"))
  DATA: SM=col(source(s), name("SM"))
  DATA: STM=col(source(s), name("STM"))
  GUIDE: axis(dim(1.1), ticks(null()))
  GUIDE: axis(dim(2.1), ticks(null()))
  GUIDE: axis(dim(1), gap(0px))
  GUIDE: axis(dim(2), gap(0px))
  TRANS: CO_label = eval("CO")
  TRANS: SEP_label = eval("SEP")
  TRANS: SRM_label = eval("SRM")
  TRANS: TM_label = eval("TM")
```
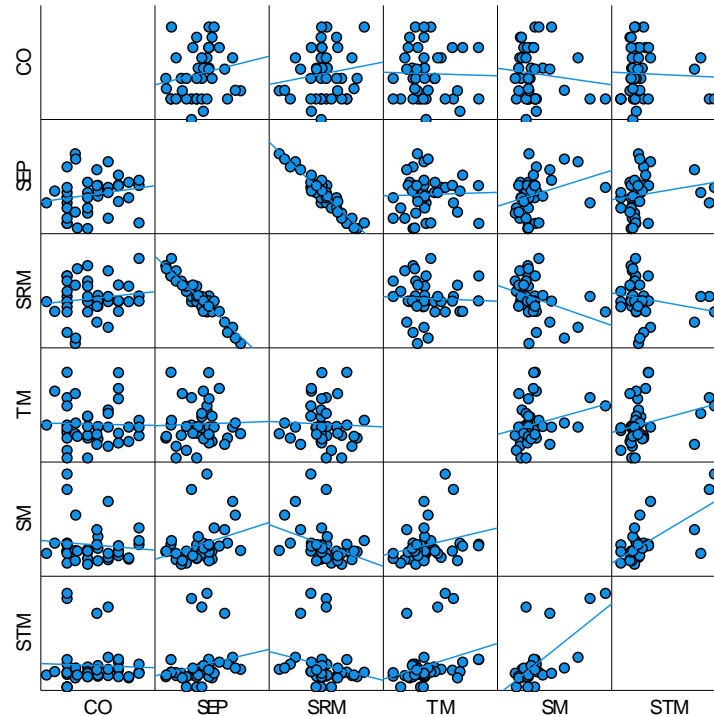
```
   TRANS: SM_label = eval("SM")
   TRANS: STM_label = eval("STM")
   ELEMENT: point(position((CO/CO_label+SEP/SEP_label+SRM/SRM_label+TM/TM_label
+SM/SM_label+
     STM/STM_label)*(CO/CO_label+SEP/SEP_label+SRM/SRM_label+TM/TM_label+SM/SM_
label+STM/STM_label)))
END GPL.
```

GGraph


```
 * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=STM DioFM MISSING=LISTWISE REPOR
TMISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FRAME OUTER=NO INNER=NO
  /GRIDLINES XAXIS=NO YAXIS=YES
  /STYLE GRADIENT=YES.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: STM=col(source(s), name("STM"))
  DATA: DioFM=col(source(s), name("DioFM"))
  GUIDE: axis(dim(1), label("STM"))
  GUIDE: axis(dim(2), label("DioFM"))
  GUIDE: text.title(label("scatterfav of DioFM by STM"))
```
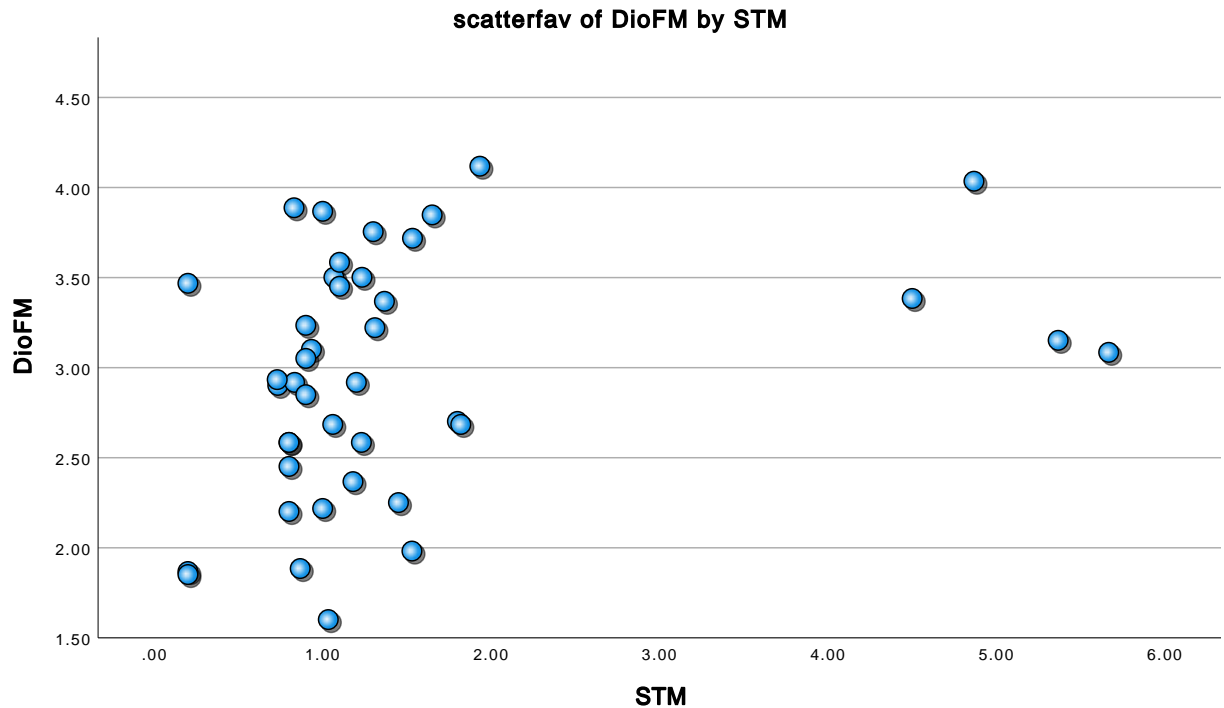
```
ELEMENT: point(position(STM*DioFM))
END GPL.
```

GGraph

scatterfav of DioFM by STM


```
 * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=DichFM DioFM MISSING=LISTWISE RE
PORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=YES SUBGROUP=NO
  /FRAME OUTER=NO INNER=NO
  /GRIDLINES XAXIS=YES YAXIS=YES
  /STYLE GRADIENT=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: DichFM=col(source(s), name("DichFM"))
  DATA: DioFM=col(source(s), name("DioFM"))
  GUIDE: axis(dim(1), label("DichFM"))
  GUIDE: axis(dim(2), label("DioFM"))
  GUIDE: text.title(label("Scatter Plot of DioFM by DichFM"))
  ELEMENT: point(position(DichFM*DioFM))
END GPL.
```
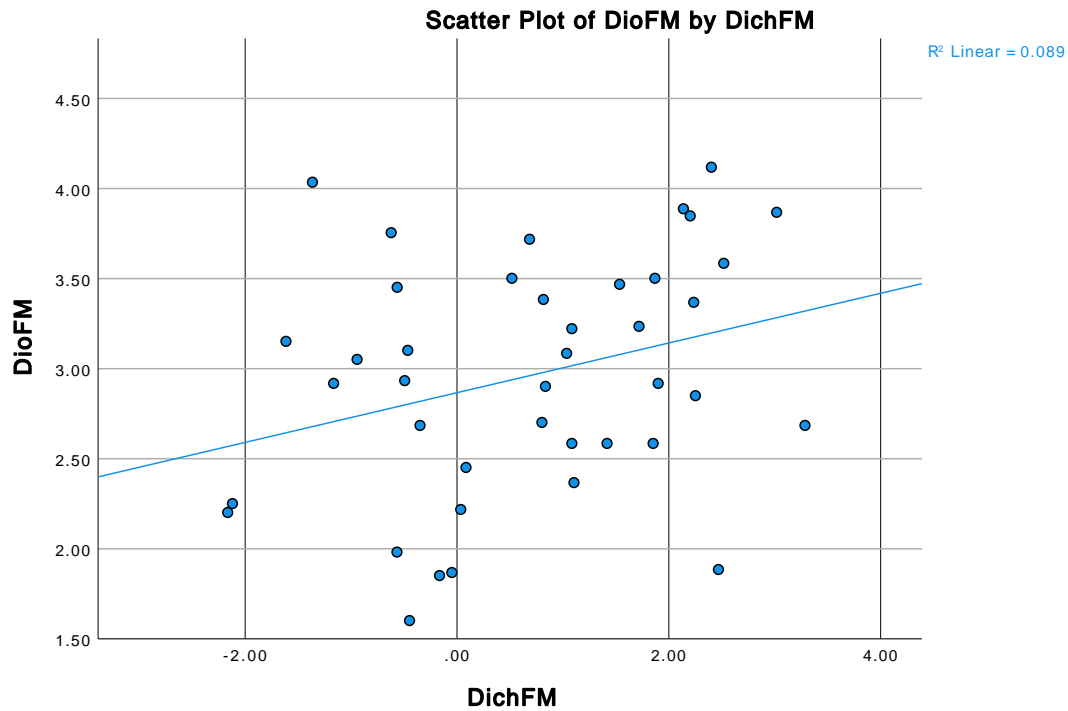
GGraph

Scatter Plot of DioFM by DichFM

R² Linear = 0.089

```
 * Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=TGap DioFM MISSING=LISTWISE REPO
RTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=YES SUBGROUP=NO
  /FRAME OUTER=NO INNER=NO
  /GRIDLINES XAXIS=YES YAXIS=YES
  /STYLE GRADIENT=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: TGap=col(source(s), name("TGap"))
  DATA: DioFM=col(source(s), name("DioFM"))
  GUIDE: axis(dim(1), label("TGap"))
  GUIDE: axis(dim(2), label("DioFM"))
  GUIDE: text.title(label("Scatter Plot of DioFM by TGap"))
  ELEMENT: point(position(TGap*DioFM))
END GPL.
```