

Posterior Cranial Fossa

*

()

SNB SNA

(±)

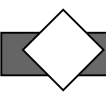
Mp - Ar - N

*



()
 Ellis
 ()
 (anchorage)
 Macgowen :
 Van-der-Beek Comte Simpson
 ()
 Hofrath Reisner
 () Broadbent
 Hung
 (NHP)
 ()
 (SN) -
 (FH)
 Stevan Hocevar
 ()
 ()
 ()
 Ar-N FH SN Sato
 Gn - Occiput* (-)
 ()
 (MPA)





/ ° ± / °

Ronning

() ()

Margolis



** Articular



(S-Go)

() Gn

() N

S-GO/NMe ×

SPSS

) T-Student
(

SNA

SNB

/ ± /

/ ° ± /

/ ° ± /

/ ° ± /

ANB

(). / ±

/ ± / °

Mp-Ar-N

/ ° ± /

N-)

± /

Mp-Ar-N

(Ar

± /

Ar

N-Ar

/ ± /

N

Ar

/ ± /

Mp-Ar-N

/ ± /

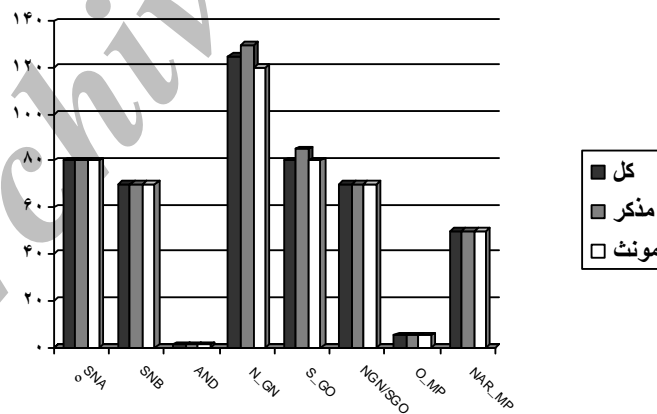
PFH/AFH

().

/ ± /

| (SD) | (Mean) | (SD) | (Mean) | (SD) | (Mean) | |
|------|--------|------|--------|------|--------|----------|
| / | / | / | / | / | / | SNA° |
| / | / | / | / | / | / | SNB° |
| / | / | / | / | / | / | ANB° |
| / | / | / | / | / | / | MP-Ar-N° |
| / | / | / | / | / | / | N-Gn(mm) |
| / | / | / | / | / | / | S-Go(mm) |
| / | / | / | / | / | / | PFH/AFH |
| / | / | / | / | / | / | (mm)MP O |

O MP O
 + / ± /
 / ± /



ANB

/ ° (°) / ° / ° / ° SNA
 / ° / ° / ° / ° SNB



MP-Ar-N

N

Ar ANB

(r = /) MP-Ar-N $\text{PFH/AFH} \leq \text{ANB} \leq \text{ }^\circ$ I ()

(P-values (ANB > °) II () (°)

(ANB < °) III ()

r = /

P- / r = / P-values /) PFH/AFH

() values range (

PFH/AFH

MP-Ar-N \pm

MP-Ar-N (\pm)

MP-Ar- Margolis ()

N PFH/AFH

$\text{ }^\circ \pm \text{ }^\circ$ MP-Ar-N

PFH/AFH O

MP-Ar-N O

/ ° / ° (r = /)

/ $\text{ }^\circ \pm$ / (P-values = /)

($\text{ }^\circ \pm \text{ }^\circ$) Margolis

r = / r = /)

() (

MP-Ar-N

PFH/AFH

PFH/AFH MP O

() (PFH)

PFH/AFH

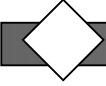
MP-Ar-N () Margolis O

O

MP-Ar-N O

MP-Ar-N

O /



ANB

O
()

| p-value | r | p-value | r | p-value | r | | |
|---------|---|---------|---|---------|---|---------|---------|
| / ** | / | / ** | / | / ** | / | MP | O |
| / ** | / | / ** | / | / ** | / | MP-Ar-N | MP O |
| / ** | / | / * | / | / * | / | PFH/AFH | MP O |
| / ** | / | / * | / | / * | / | MP-Ar-N | PFH/AFH |

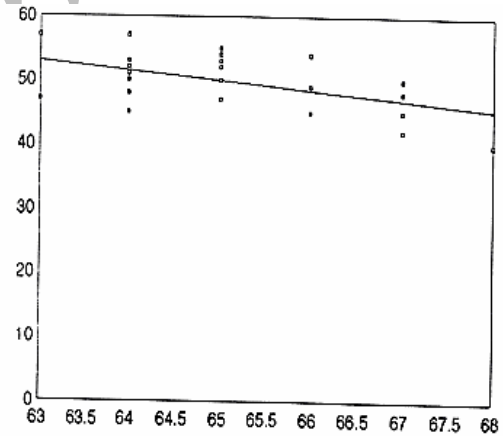
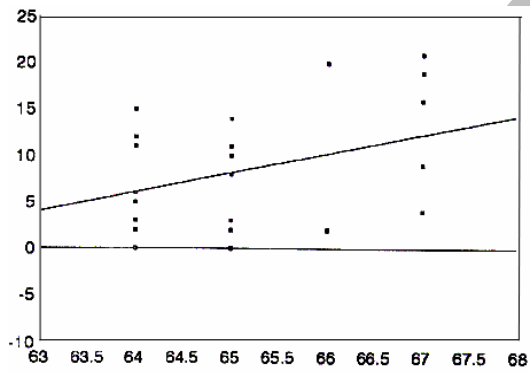
MP-Ar-N

±

SNB SNA

PFH/AFH

MP-Ar-N

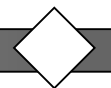


نمودار ۳: میزان همبستگی و خط رگرسیون بین PFH/AFH با فاصله نقطه O تا MP در کل بیماران

نمودار ۲: میزان همبستگی و خط رگرسیون بین PFH/AFH و MP-Ar-N در کل بیماران با ارتفاع طبیعی صورت

*Statistically significant (P<0.05)

** Statistically Highly Significant (P<0.01)



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