

Table4: Pairwise analysis

```
> posthoc.friedman.nemenyi.test(P13)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P13
```

```
      HTF11  HTF21  
HTF21 0.00244 -  
HTF31 0.00071 0.94046
```

```
P value adjustment method: none
```

```
> posthoc.friedman.nemenyi.test(P14)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P14
```

```
      VGMF11 VGMF21  
VGMF21 0.051 -  
VGMF31 0.124 0.923
```

```
P value adjustment method: none
```

```
> posthoc.friedman.nemenyi.test(P104)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P104
```

```
      ASATF11 ASATF21  
ASATF21 0.0024 -  
ASATF31 2.8e-11 0.0015
```

```
P value adjustment method: none
```

```
> posthoc.friedman.nemenyi.test(P105)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

data: P105

	ALTF11	ALTF21
ALTF21	0.67	-
ALTF31	1.4e-10	3.2e-08

P value adjustment method: none
> `posthoc.friedman.nemenyi.test(P106)`

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: P106

	TBILIRIBUNF11	TBILIRIBUNF21
TBILIRIBUNF21	0.0047	-
TBILIRIBUNF31	3.5e-06	0.1991

P value adjustment method: none
> `posthoc.friedman.nemenyi.test(P107)`

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: P107

	CREATININEF11	CREATININEF21
CREATININEF21	0.00012	-
CREATININEF31	0.00027	0.98015

P value adjustment method: none

Table 5: Pairwise analysis

> `posthoc.friedman.nemenyi.test(p161)`

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: p161

	GBF12	GBF22
GBF22	0.0324	-
GBF32	0.6574	0.0021

```
P value adjustment method: none
> posthoc.friedman.nemenyi.test(P132)
```

```
Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data
```

```
data: P132
```

```
      HTF12 HTF22
HTF22 0.037 -
HTF32 0.009 0.876
```

```
P value adjustment method: none
```

```
> posthoc.friedman.nemenyi.test(P151)
```

```
Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data
```

```
data: P151
```

```
      TGMHF12 TGMHF22
TGMHF22 0.021 -
TGMHF32 0.043 0.960
```

```
P value adjustment method: none
```

```
> posthoc.friedman.nemenyi.test(P152)
```

```
Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data
```

```
data: P152
```

```
      CCMHF12 CCMHF22
CCMHF22 1.7e-13 -
CCMHF32 1.4e-05 0.009
```

```
P value adjustment method: none
```

```
> posthoc.friedman.nemenyi.test(P171)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P171
```

```
      VMPF12 VMPF22  
VMPF22 0.554 -  
VMPF32 0.018 0.209
```

```
P value adjustment method: none
```

```
> posthoc.friedman.nemenyi.test(P191)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P191
```

```
      MONF12 MONF22  
MONF22 0.00093 -  
MONF32 0.38993 0.05701
```

```
P value adjustment method: none
```

```
> posthoc.friedman.nemenyi.test(P1032)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P1032
```

```
      ASATF12 ASATF22  
ASATF22 0.024 -  
ASATF32 1.9e-11 6.2e-05
```

```
P value adjustment method: none
```

```
> posthoc.friedman.nemenyi.test(P1033)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P1033
```

```
      ALTF12 ALTF22  
ALTF22 0.032 -
```

ALTF32 8.2e-13 4.7e-06

P value adjustment method: none
> `posthoc.friedman.nemenyi.test(P1041)`

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: P1041

	TBILIRIBUNF12	TBILIRIBUNF22
TBILIRIBUNF22	0.0014	-
TBILIRIBUNF32	8.1e-06	0.4530

P value adjustment method: none

Table 6: Pairwise analysis

> `posthoc.friedman.nemenyi.test(P352)`

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: P352

	CCMHF13	CCMHF23
CCMHF23	9.2e-14	-
CCMHF33	1.5e-07	0.075

P value adjustment method: none
> `posthoc.friedman.nemenyi.test(P3033)`

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: P3033

	ALTF13	ASATF23
ASATF23	0.046	-
ASATF33	0.953	0.021

P value adjustment method: none
> `posthoc.friedman.nemenyi.test(P3041)`

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: P3041

	TBILIRIBUNF13	TBILIRIBUNF23
TBILIRIBUNF23	0.0037	-
TBILIRIBUNF33	4.6e-07	0.1051

P value adjustment method: none

Table 7:

> `posthoc.friedman.nemenyi.test(p422)`

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: p422

	GRM11	GRF21
GRF21	0.5689	-
GRM31	0.0078	0.1173

P value adjustment method: none

> `posthoc.friedman.nemenyi.test(P432)`

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: P432

	HTM11	HTM21
HTM21	4.1e-05	-
HTM31	0.0012	0.6938

P value adjustment method: none

> `posthoc.friedman.nemenyi.test(P441)`

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: P441

	VGMM11	VGMM21
VGMM21	0.0068	-
VGMM31	0.8015	0.0434

P value adjustment method: none

> `posthoc.friedman.nemenyi.test(P451)`

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: P451

	TGMHM11	TGMHM21
TGMHM21	0.3160	-
TGMHM31	0.0017	0.1142

P value adjustment method: none

> `posthoc.friedman.nemenyi.test(P452)`

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: P452

	CCMHM11	CCMHM21
CCMHM21	2.6e-14	-
CCMHM31	7.0e-10	0.061

P value adjustment method: none

> `posthoc.friedman.nemenyi.test(P4001)`

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: P4001

	NEUM11	NEUM21
NEUM21	0.551	-
NEUM31	0.034	0.316

P value adjustment method: none

```
> posthoc.friedman.nemenyi.test(P4022)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P4022
```

```
      BASM11  BASM21  
BASM21 6.2e-05 -  
BASM31 0.0091 0.3880
```

```
P value adjustment method: none
```

```
> posthoc.friedman.nemenyi.test(P4032)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P4032
```

```
      ASATM11 ASATM21  
ASATM21 0.024 -  
ASATM31 3.6e-13 4.8e-06
```

```
P value adjustment method: none
```

```
> posthoc.friedman.nemenyi.test(P4033)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P4033
```

```
      ALTM11  ALTM21  
ALTM21 0.47 -  
ALTM31 9.4e-12 2.1e-08
```

```
P value adjustment method: none
```

```
> posthoc.friedman.nemenyi.test(P4041)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P4041
```

```
      TBILIRIBUNM11 TBILIRIBUNM21  
TBILIRIBUNM21 1.9e-06 -  
TBILIRIBUNM31 6.2e-05 0.75
```



```
P value adjustment method: none
> posthoc.friedman.nemenyi.test(P4051)
```

```
Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data
```

```
data: P4051
```

	CREATININEM11	CREATININEM21
CREATININEM21	0.00042	-
CREATININEM31	0.00320	0.84994

```
P value adjustment method: none
```

Table 8 : Pairwise analysis

```
> posthoc.friedman.nemenyi.test(P532)
```

```
Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data
```

```
data: P532
```

	HTM12	HTM22
HTM22	0.0041	-
HTM32	0.0041	1.0000

```
P value adjustment method: none
> posthoc.friedman.nemenyi.test(P551)
```

```
Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data
```

```
data: P551
```

	TGMHM12	TGMHM22
TGMHM22	0.0051	-
TGMHM32	0.3541	0.1868

```
P value adjustment method: none  
> posthoc.friedman.nemenyi.test(P552)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P552
```

```
          CCMHM12 CCMHM22  
CCMHM22 6.8e-11 -  
CCMHM32 1.5e-05 0.085
```

```
P value adjustment method: none  
> posthoc.friedman.nemenyi.test(P5032)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P5032
```

```
          ASATM12 ASATM22  
ASATM22 0.0393 -  
ASATM32 1.6e-07 0.0076
```

```
P value adjustment method: none  
> posthoc.friedman.nemenyi.test(P5033)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P5033
```

```
          ALTM12 ALTM22  
ALTM22 0.08482 -  
ALTM32 2.7e-09 0.00019
```

```
P value adjustment method: none  
> posthoc.friedman.nemenyi.test(P5041)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P5041
```

```
          TBILIRIBUNM12 TBILIRIBUNM22
```

```
TBILIRIBUNM22 8.4e-05      -  
TBILIRIBUNM32 0.00066     0.87131
```

P value adjustment method: none

Table 9 : Pairwise Analysis

```
> posthoc.friedman.nemenyi.test(P632)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P632
```

```
      HTM13  HTM23  
HTM23 0.0028 -  
HTM33 0.0040 0.9942
```

P value adjustment method: none

```
> posthoc.friedman.nemenyi.test(P651)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P651
```

```
      TGMHM13 TGMHM23  
TGMHM23 0.0047 -  
TGMHM33 0.0066 0.9942
```

P value adjustment method: none

```
> posthoc.friedman.nemenyi.test(P652)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P652
```

```
      CCMHM13 CCMHM23  
CCMHM23 5.9e-14 -  
CCMHM33 4.8e-10 0.32
```

P value adjustment method: none

```
> posthoc.friedman.nemenyi.test(P671)
```

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: P671

	VMPM13	VMPM23
VMPM23	0.590	-
VMPM33	0.017	0.186

P value adjustment method: none
> `posthoc.friedman.nemenyi.test(P691)`

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: P691

	MONM13	MONM23
MONM23	0.046	-
MONM33	0.931	0.017

P value adjustment method: none
> `posthoc.friedman.nemenyi.test(P6001)`

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: P6001

	NEUM13	NEUM23
NEUM23	0.37	-
NEUM33	0.02	0.37

P value adjustment method: none
> `posthoc.friedman.nemenyi.test(P6032)`

Pairwise comparisons using Nemenyi multiple comparison test
with q approximation for unreplicated blocked data

data: P6032

	ASATM13	ASATM23
ASATM23	0.00011	-
ASATM33	1.7e-10	0.04069

```
P value adjustment method: none  
> posthoc.friedman.nemenyi.test(P6033)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P6033
```

```
      ALTM13  ALTM23  
ALTM23 0.97681 -  
ALTM33 0.00011 0.00026
```

```
P value adjustment method: none  
> posthoc.friedman.nemenyi.test(P6041)
```

```
Pairwise comparisons using Nemenyi multiple comparison test  
with q approximation for unreplicated blocked data
```

```
data: P6041
```

```
      TBILIRIBUNM13 TBILIRIBUNM23  
TBILIRIBUNM23 0.0977 -  
TBILIRIBUNM33 2.4e-07 0.0028
```

```
P value adjustment method: none
```