**Hepatic glycogen mass**

**UCKa vs UC**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 2.4794843

α err prob = 0.05

Sample size group 1 = 10

Sample size group 2 = 10

**Output:** Noncentrality parameter δ = 5.5442954

Critical t = 2.1009220

Df = 18

Power (1-β err prob) = 0.9994622

**UKKa vs UC**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 3.9736530

α err prob = 0.05

Sample size group 1 = 10

Sample size group 2 = 10

**Output:** Noncentrality parameter δ = 8.8853582

Critical t = 2.1009220

Df = 18

Power (1-β err prob) = 1.0000000

**TC vs UC**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 0.0709677

α err prob = 0.05

Sample size group 1 = 8

Sample size group 2 = 10

**Output:** Noncentrality parameter δ = 0.1496130

Critical t = 2.1199053

Df = 16

Power (1-β err prob) = 0.0522759

**TK vs TC**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 1.3571429

α err prob = 0.05

Sample size group 1 = 7

Sample size group 2 = 8

**Output:** Noncentrality parameter δ = 2.6222492

Critical t = 2.1603687

Df = 13

Power (1-β err prob) = 0.6791802

**TCKa vs TC**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 1.8602620

α err prob = 0.05

Sample size group 1 = 7

Sample size group 2 = 8

**Output:** Noncentrality parameter δ = 3.5943677

Critical t = 2.1603687

Df = 13

Power (1-β err prob) = 0.9128650

**TKKa vs TC**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 1.7598152

α err prob = 0.05

Sample size group 1 = 7

Sample size group 2 = 8

**Output:** Noncentrality parameter δ = 3.4002860

Critical t = 2.1603687

Df = 13

Power (1-β err prob) = 0.8811057

**Skeletal muscle glycogen mass**

**TC vs UC**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 1.0315750

α err prob = 0.05

Sample size group 1 = 8

Sample size group 2 = 10

**Output:** Noncentrality parameter δ = 2.1747511

Critical t = 2.1199053

Df = 16

Power (1-β err prob) = 0.5332962

**TK vs UK**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 1.3481302

α err prob = 0.05

Sample size group 1 = 7

Sample size group 2 = 10

**Output:** Noncentrality parameter δ = 2.7356239

Critical t = 2.1314495

Df = 15

Power (1-β err prob) = 0.7249081

**UCKa vs UC**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 3.1598948

α err prob = 0.05

Sample size group 1 = 10

Sample size group 2 = 10

**Output:** Noncentrality parameter δ = 7.0657396

Critical t = 2.1009220

Df = 18

Power (1-β err prob) = 0.9999987

**TCKa vs TC**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 1.4448487

α err prob = 0.05

Sample size group 1 = 7

Sample size group 2 = 8

**Output:** Noncentrality parameter δ = 2.7917129

Critical t = 2.1603687

Df = 13

Power (1-β err prob) = 0.7328108

**Blood ammonia**

**TC vs UC**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 0.2878139

α err prob = 0.05

Sample size group 1 = 4

Sample size group 2 = 8

**Output:** Noncentrality parameter δ = 0.4699981

Critical t = 2.2281389

Df = 10

Power (1-β err prob) = 0.0710949

**UK vs TK**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 0.6217319

α err prob = 0.05

Sample size group 1 = 8

Sample size group 2 = 7

**Output:** Noncentrality parameter δ = 1.2013002

Critical t = 2.1603687

Df = 13

Power (1-β err prob) = 0.1998300

**UCKa vs UC**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 0.7689455

α err prob = 0.05

Sample size group 1 = 8

Sample size group 2 = 8

**Output:** Noncentrality parameter δ = 1.5378910

Critical t = 2.1447867

Df = 14

Power (1-β err prob) = 0.2995190

**UKKa vs UC**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 1.1452176

α err prob = 0.05

Sample size group 1 = 8

Sample size group 2 = 8

**Output:** Noncentrality parameter δ = 2.2904352

Critical t = 2.1447867

Df = 14

Power (1-β err prob) = 0.5683048

**UC vs UK**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 0.3123426

α err prob = 0.05

Sample size group 1 = 8

Sample size group 2 = 8

**Output:** Noncentrality parameter δ = 0.6246852

Critical t = 2.1447867

Df = 14

Power (1-β err prob) = 0.0897411

**TC vs TCKa**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 0.4462528

α err prob = 0.05

Sample size group 1 = 4

Sample size group 2 = 5

**Output:** Noncentrality parameter δ = 0.6652344

Critical t = 2.3646243

Df = 7

Power (1-β err prob) = 0.0891696

**TKKa vs TCKa**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 1.3303962

α err prob = 0.05

Sample size group 1 = 6

Sample size group 2 = 5

**Output:** Noncentrality parameter δ = 2.1970770

Critical t = 2.2621572

Df = 9

Power (1-β err prob) = 0.5005916

**Blood urea**

**F tests -** ANOVA: Fixed effects, omnibus, one-way

**Analysis:** Post hoc: Compute achieved power

**Input:** Effect size f = 0.5000040

α err prob = 0.05

Total sample size = 62

Number of groups = 8

**Output:** Noncentrality parameter λ = 15.5002480

Critical F = 2.1846320

Numerator df = 7

Denominator df = 54

Power (1-β err prob) = 0.7759581

**Blood urate**

**UKKa vs UC**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 1.2660639

α err prob = 0.05

Sample size group 1 = 8

Sample size group 2 = 9

**Output:** Noncentrality parameter δ = 2.6055380

Critical t = 2.1314495

Df = 15

Power (1-β err prob) = 0.6830754

**TKKa vs TCKa**

**t tests -** Means: Difference between two independent means (two groups)

**Analysis:** Post hoc: Compute achieved power

**Input:** Tail(s) = Two

Effect size d = 0.6015663

α err prob = 0.05

Sample size group 1 = 6

Sample size group 2 = 4

**Output:** Noncentrality parameter δ = 0.9319425

Critical t = 2.3060041

Df = 8

Power (1-β err prob) = 0.1307317

**Blood creatinine**

**F tests -** ANOVA: Fixed effects, omnibus, one-way

**Analysis:** Post hoc: Compute achieved power

**Input:** Effect size f = 0.5982159

α err prob = 0.05

Total sample size = 63

Number of groups = 8

**Output:** Noncentrality parameter λ = 22.5453226

Critical F = 2.1813328

Numerator df = 7

Denominator df = 55

Power (1-β err prob) = 0.9263008

**Blood glucose**

**F tests -** ANOVA: Fixed effects, omnibus, one-way

**Analysis:** Post hoc: Compute achieved power

**Input:** Effect size f = 0.3949333

α err prob = 0.05

Total sample size = 69

Number of groups = 8

**Output:** Noncentrality parameter λ = 10.7620895

Critical F = 2.1638834

Numerator df = 7

Denominator df = 61

Power (1-β err prob) = 0.5941013

**Blood lactate**

**F tests -** ANOVA: Fixed effects, omnibus, one-way

**Analysis:** Post hoc: Compute achieved power

**Input:** Effect size f = 0.8716759

α err prob = 0.05

Total sample size = 69

Number of groups = 8

**Output:** Noncentrality parameter λ = 52.4275024

Critical F = 2.1638834

Numerator df = 7

Denominator df = 61

Power (1-β err prob) = 0.9998793