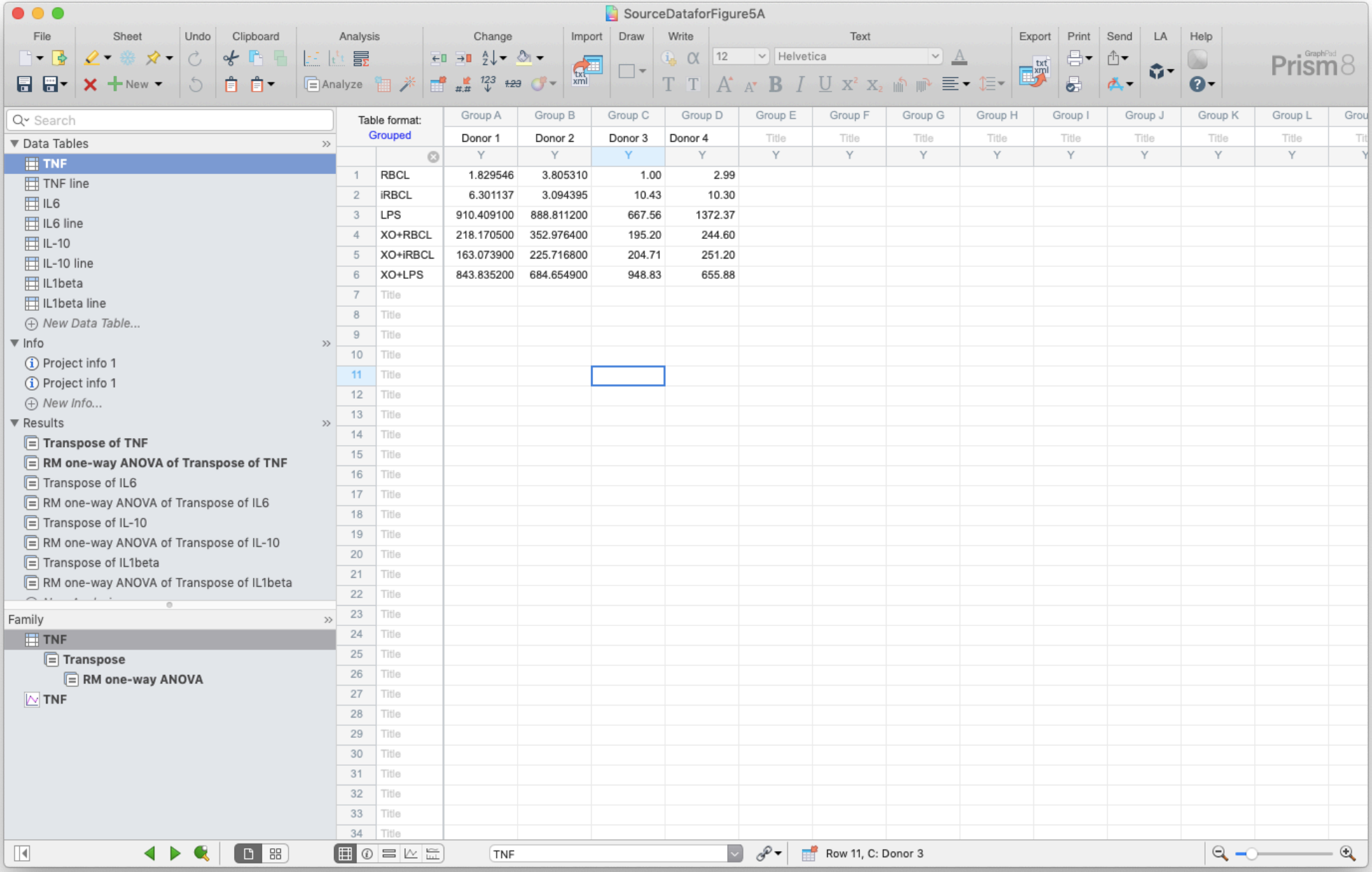
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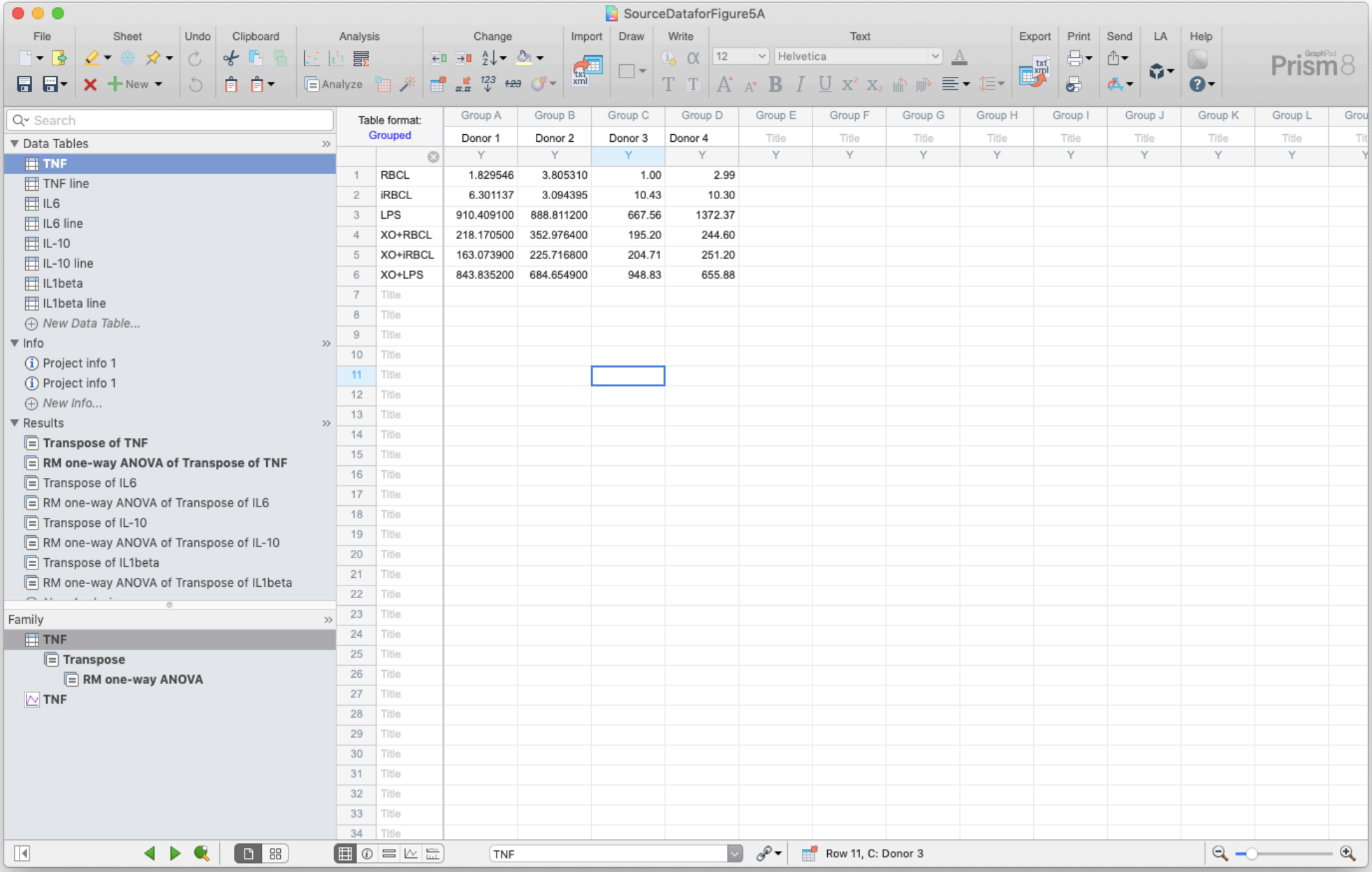
Search
Data Tables
TNF
TNF line
IL6
IL6 line
IL-10
IL-10 line
IL1beta
IL1beta line
New Data Table...
Info
Project info 1
Project info 1
New Info...
Results
Transpose of TNF
RM one-way ANOVA of Transpose of TNF
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
TNF
Transpose
RM one-way ANOVA
TNF
Table format:
Grouped
Group A
Donor 1
Group B
Donor 2
Group C
Donor 3
Group D
Donor 4
Group E
Group F
Group G
Group H
Group I
Group J
Group K
Group L
Title
Y
1 RBCL 1.829546 3.805310 1.00 2.99
2 iRBCL 6.301137 3.094395 10.43 10.30
3 LPS 910.409100 888.811200 667.56 1372.37
4 XO+RBCL 218.170500 352.976400 195.20 244.60
5 XO+iRBCL 163.073900 225.716800 204.71 251.20
6 XO+LPS 843.835200 684.654900 948.83 655.88
TNF
Row 11, C: Donor 3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Search
Data Tables
TNF
TNF line
IL6
IL6 line
IL-10
IL-10 line
IL1beta
IL1beta line
New Data Table...
Info
Project info 1
Project info 1
New Info...
Results
Transpose of TNF
RM one-way ANOVA of Transpose of TNF
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
TNF
Transpose
RM one-way ANOVA
TNF
Table format:
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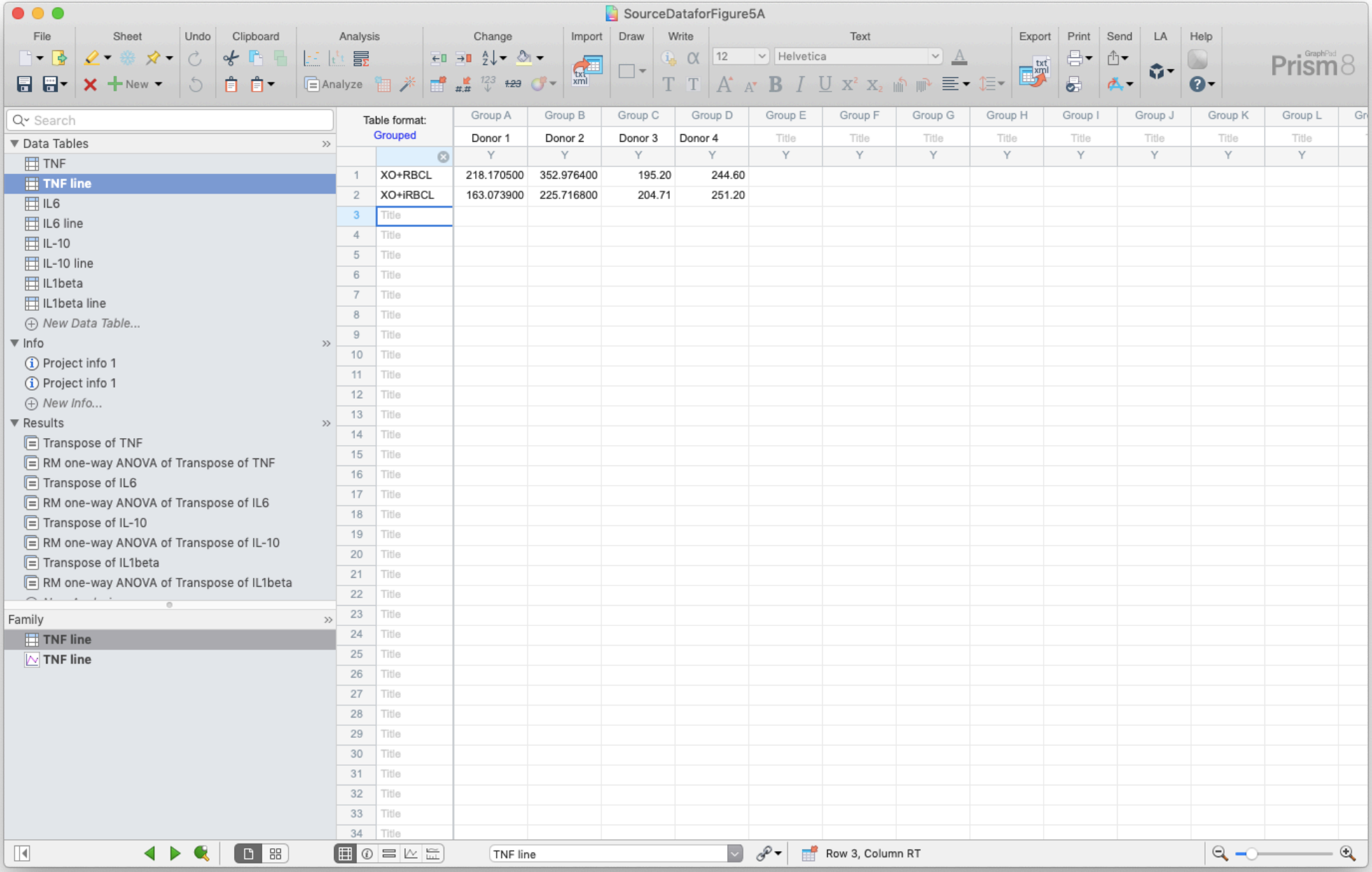
Group A
Donor 1
Group B
Donor 2
Group C
Donor 3
Group D
Donor 4
Group E
Group F
Group G
Group H
Group I
Group J
Group K
Group L
Title
Y
1 RBCL 1.829546 3.805310 1.00 2.99
2 iRBCL 6.301137 3.094395 10.43 10.30
3 LPS 910.409100 888.811200 667.56 1372.37
4 XO+RBCL 218.170500 352.976400 195.20 244.60
5 XO+iRBCL 163.073900 225.716800 204.71 251.20
6 XO+LPS 843.835200 684.654900 948.83 655.88
TNF
Row 11, C: Donor 3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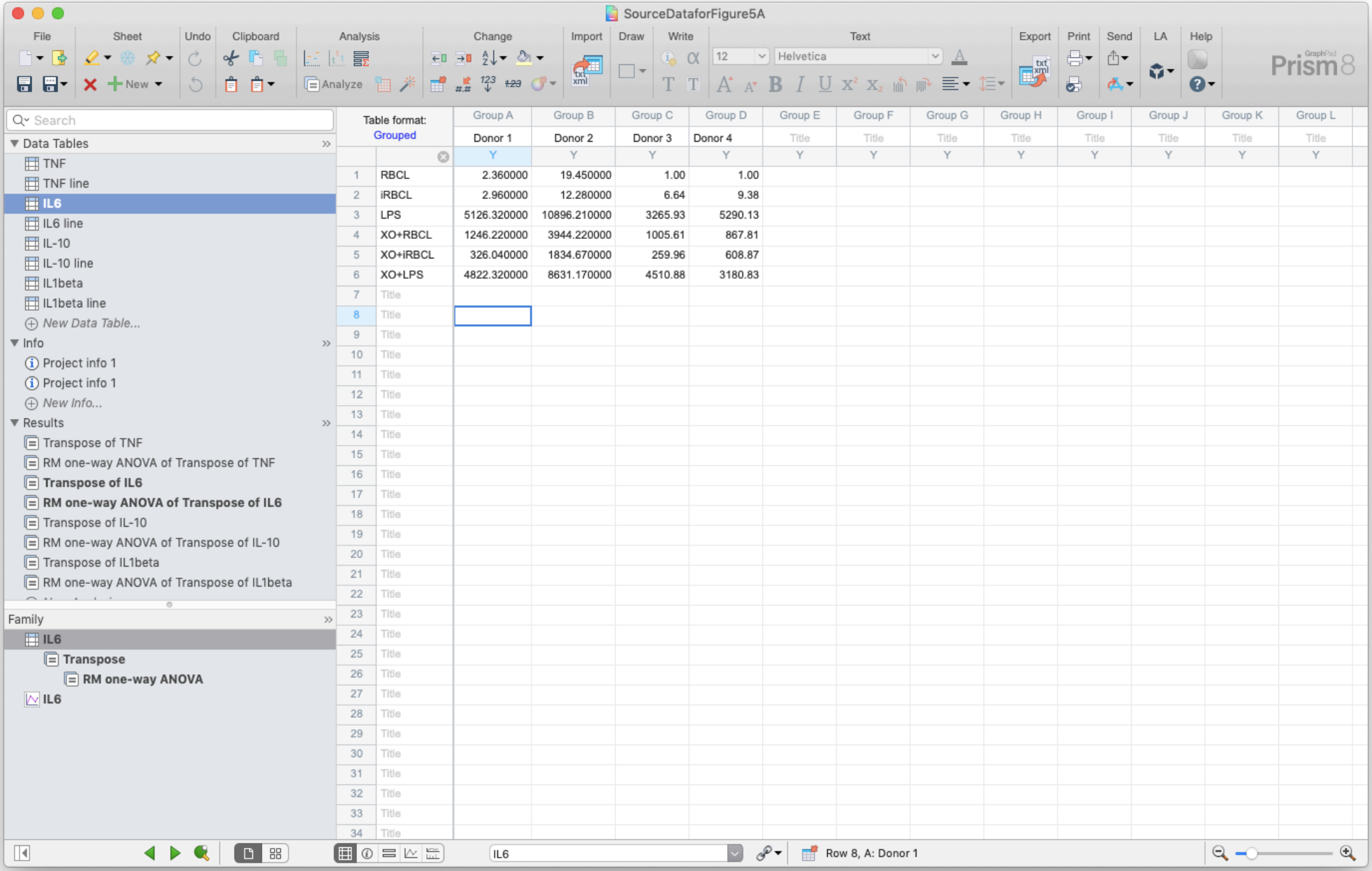
Search
Data Tables
TNF
TNF line
IL6
IL6 line
IL-10
IL-10 line
IL1beta
IL1beta line
New Data Table...
Info
Project info 1
Project info 1
New Info...
Results
Transpose of TNF
RM one-way ANOVA of Transpose of TNF
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
TNF line
TNF line
Table format:
Grouped
Group A
Group B
Group C
Group D
Group E
Group F
Group G
Group H
Group I
Group J
Group K
Group L
Donor 1
Donor 2
Donor 3
Donor 4
Title
Y
1 XO+RBCL 218.170500 352.976400 195.20 244.60
2 XO+iRBCL 163.073900 225.716800 204.71 251.20
TNF line
Row 3, Column RT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Data Tables
TNF
TNF line
IL6
IL6 line
IL-10
IL-10 line
IL1beta
IL1beta line
New Data Table...
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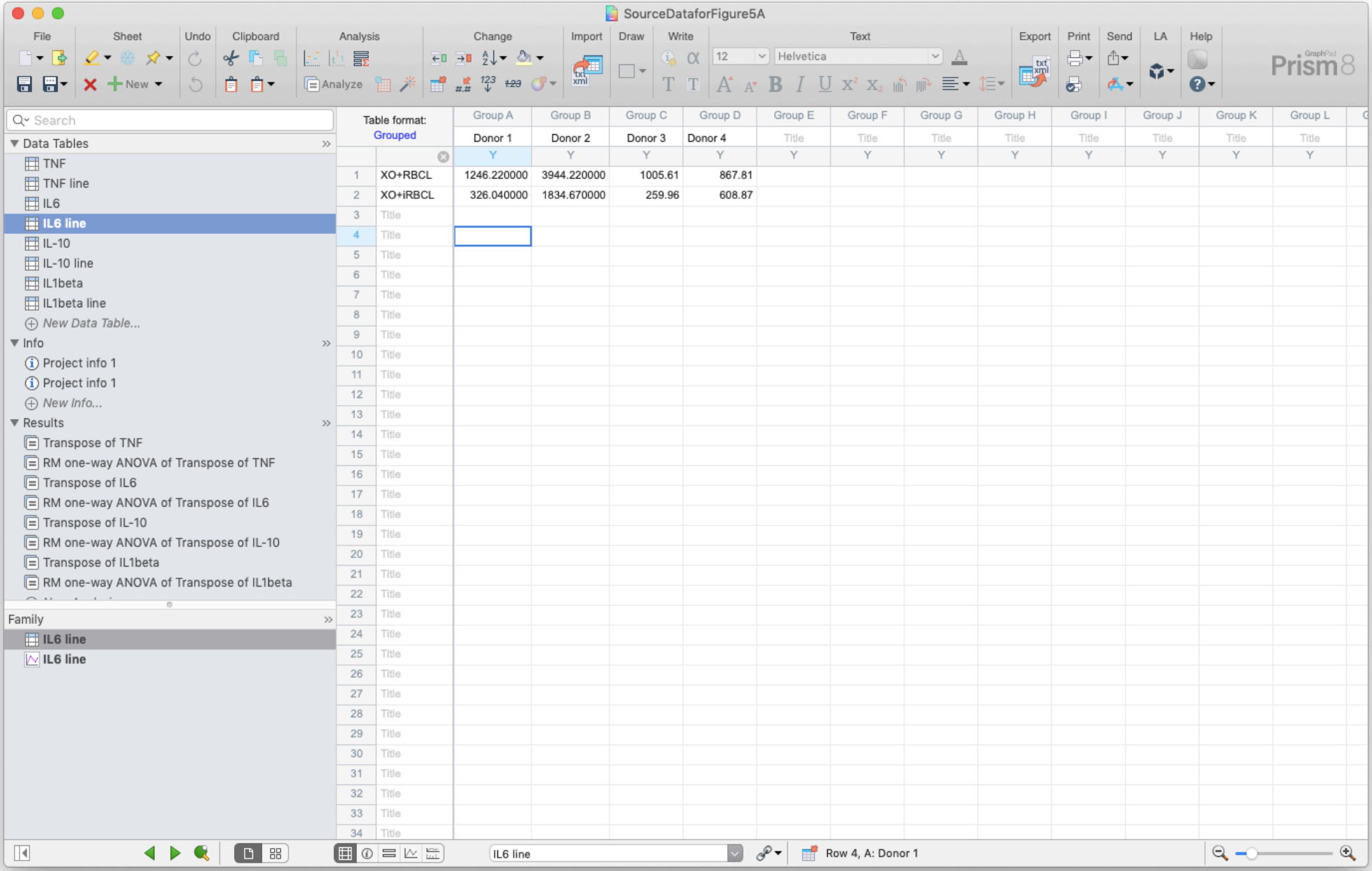
Project info 1
Project info 1
New Info...
Results
Transpose of TNF
RM one-way ANOVA of Transpose of TNF
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
IL6
Transpose
RM one-way ANOVA
IL6
Table format:
Grouped
Group A
Group B
Group C
Group D
Group E
Group F
Group G
Group H
Group I
Group J
Group K
Group L
Donor 1
Donor 2
Donor 3
Donor 4
Title
Y
1 RBCL 2.360000 19.450000 1.00 1.00
2 iRBCL 2.960000 12.280000 6.64 9.38
3 LPS 5126.320000 10896.210000 3265.93 5290.13
4 XO+RBCL 1246.220000 3944.220000 1005.61 867.81
5 XO+iRBCL 326.040000 1834.670000 259.96 608.87
6 XO+LPS 4822.320000 8631.170000 4510.88 3180.83
IL6
Row 8, A: Donor 1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Data Tables
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IL6
IL6 line
IL-10
IL-10 line
IL1beta
IL1beta line
New Data Table...
Info
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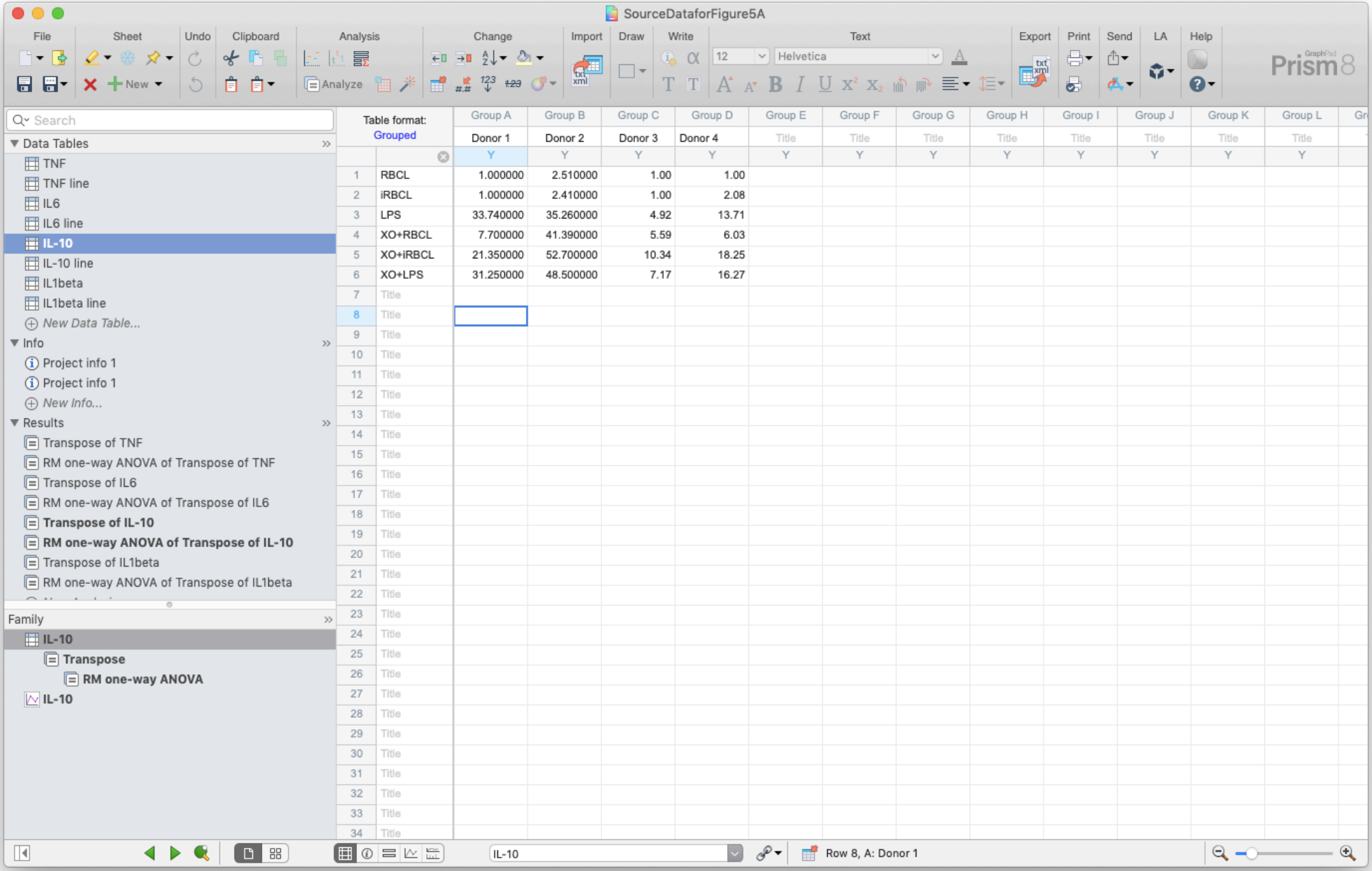
Project info 1
New Info...
Results
Transpose of TNF
RM one-way ANOVA of Transpose of TNF
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
IL6 line
IL6 line
Table format:
Grouped
Group A
Group B
Group C
Group D
Group E
Group F
Group G
Group H
Group I
Group J
Group K
Group L
Donor 1
Donor 2
Donor 3
Donor 4
Title
Y
1 XO+RBCL 1246.220000 3944.220000 1005.61 867.81
2 XO+iRBCL 326.040000 1834.670000 259.96 608.87
IL6 line
Row 4, A: Donor 1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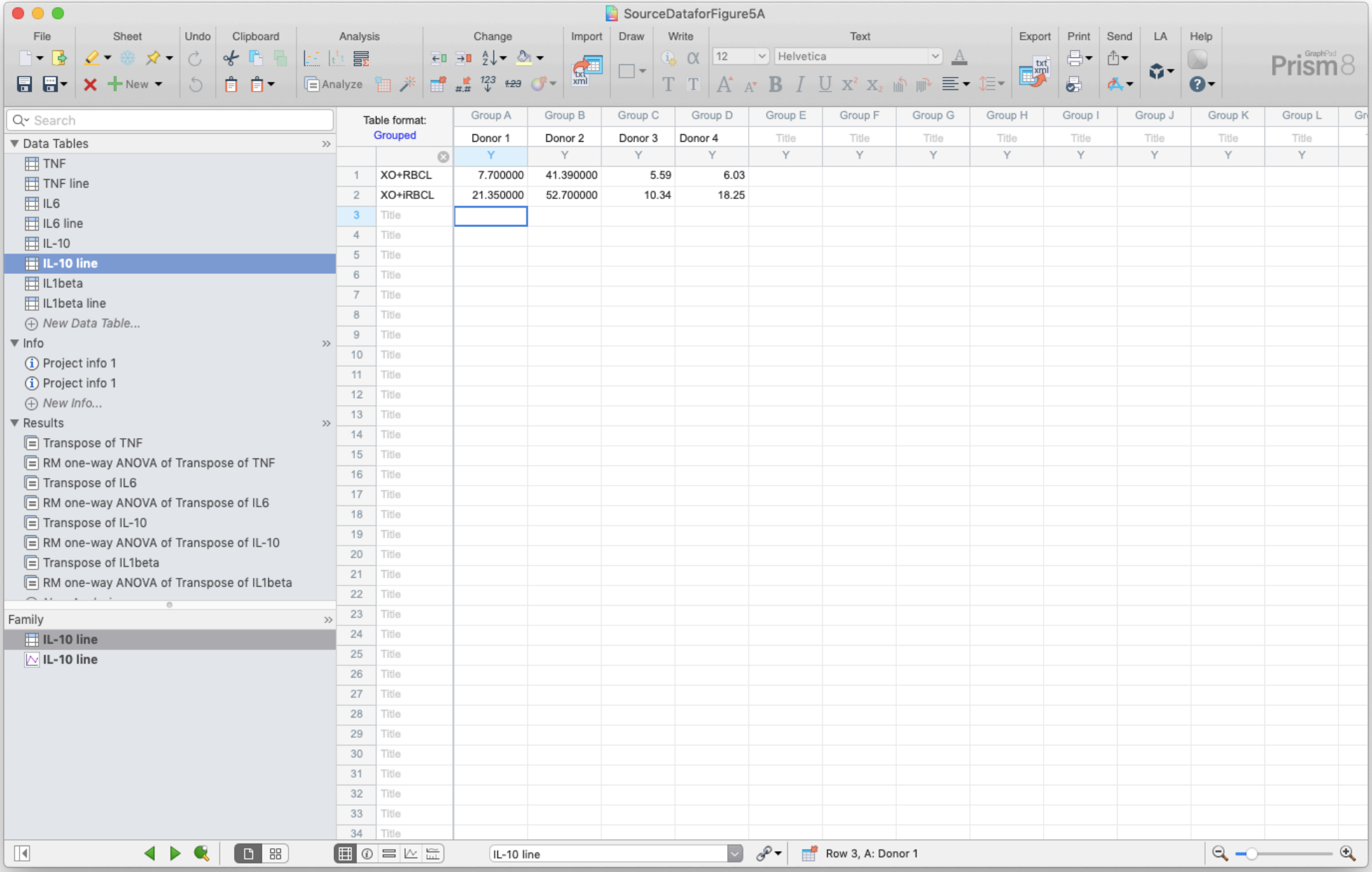
Data Tables
TNF
TNF line
IL6
IL6 line
IL-10
IL-10 line
IL1beta
IL1beta line
New Data Table...
Info
Project info 1
Project info 1
New Info...
Results
Transpose of TNF
RM one-way ANOVA of Transpose of TNF
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
IL-10
Transpose
RM one-way ANOVA
IL-10
Table format:
Grouped
Group A
Group B
Group C
Group D
Group E
Group F
Group G
Group H
Group I
Group J
Group K
Group L
Donor 1
Donor 2
Donor 3
Donor 4
Title
Y
1 RBCL 1.000000 2.510000 1.00 1.00
2 iRBCL 1.000000 2.410000 1.00 2.08
3 LPS 33.740000 35.260000 4.92 13.71
4 XO+RBCL 7.700000 41.390000 5.59 6.03
5 XO+iRBCL 21.350000 52.700000 10.34 18.25
6 XO+LPS 31.250000 48.500000 7.17 16.27
IL-10
Row 8, A: Donor 1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Data Tables
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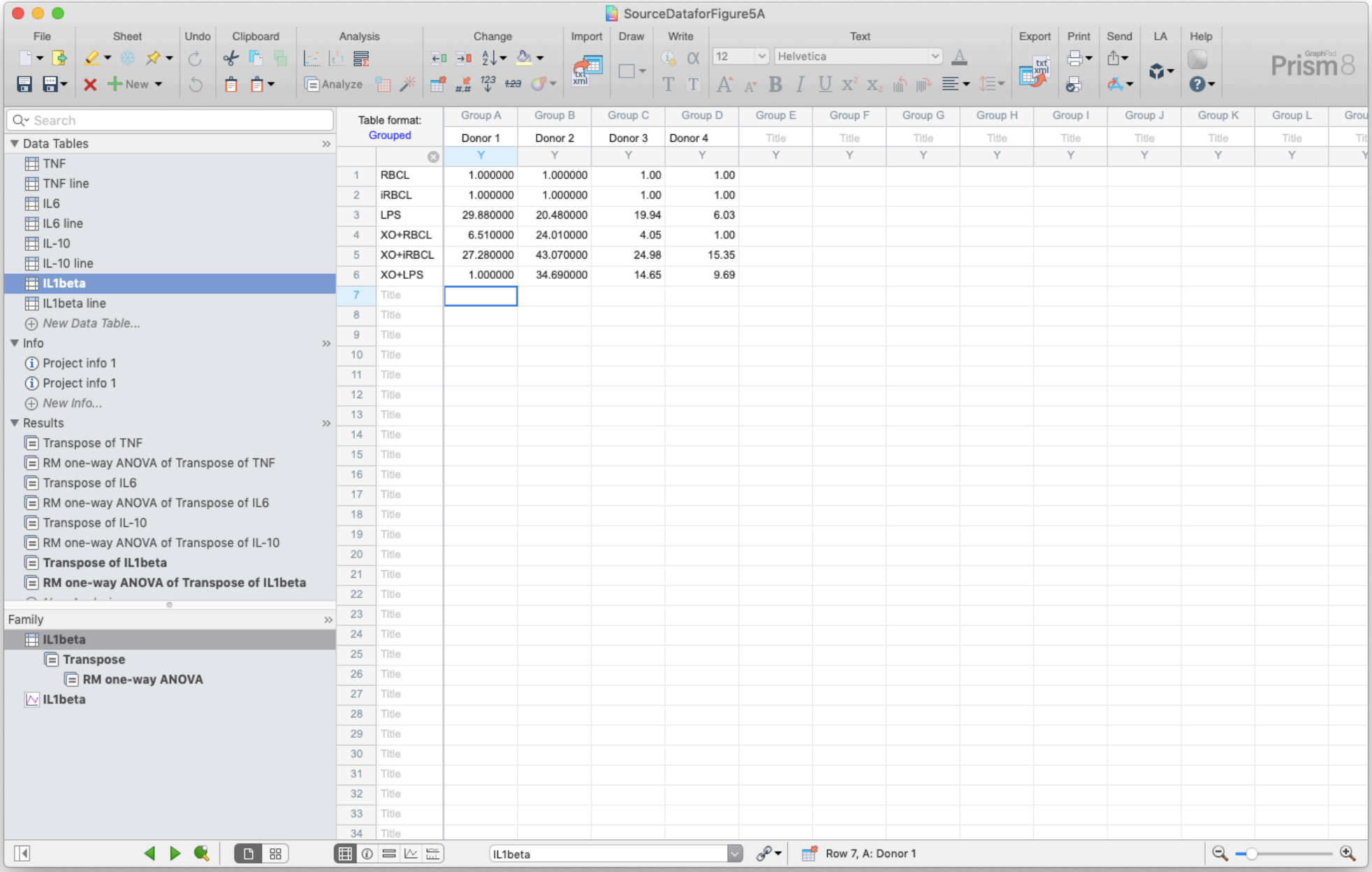
TNF line
IL6
IL6 line
IL-10
IL-10 line
IL1beta
IL1beta line
New Data Table...
Info
Project info 1
Project info 1
New Info...
Results
Transpose of TNF
RM one-way ANOVA of Transpose of TNF
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
IL-10 line
IL-10 line
Table format:
Grouped
Group A
Group B
Group C
Group D
Group E
Group F
Group G
Group H
Group I
Group J
Group K
Group L
Donor 1
Donor 2
Donor 3
Donor 4
Title
Y
1 XO+RBCL 7.700000 41.390000 5.59 6.03
2 XO+iRBCL 21.350000 52.700000 10.34 18.25
3 Title
4 Title
5 Title
6 Title
7 Title
8 Title
9 Title
10 Title
11 Title
12 Title
13 Title
14 Title
15 Title
16 Title
17 Title
18 Title
19 Title
20 Title
21 Title
22 Title
23 Title
24 Title
25 Title
26 Title
27 Title
28 Title
29 Title
30 Title
31 Title
32 Title
33 Title
34 Title
IL-10 line
Row 3, A: Donor 1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Search
Data Tables
TNF
TNF line
IL6
IL6 line
IL-10
IL-10 line
IL1beta
IL1beta line
New Data Table...
Info
Project info 1
Project info 1
New Info...
Results
Transpose of TNF
RM one-way ANOVA of Transpose of TNF
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
IL1beta
Transpose
RM one-way ANOVA
IL1beta
Table format:
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Group A
Group B
Group C
Group D
Group E
Group F
Group G
Group H
Group I
Group J
Group K
Group L
Donor 1
Donor 2
Donor 3
Donor 4
Title
Y
1 RBCL 1.000000 1.000000 1.00 1.00
2 iRBCL 1.000000 1.000000 1.00 1.00
3 LPS 29.880000 20.480000 19.94 6.03
4 XO+RBCL 6.510000 24.010000 4.05 1.00
5 XO+iRBCL 27.280000 43.070000 24.98 15.35
6 XO+LPS 1.000000 34.690000 14.65 9.69
7 Title
8 Title
9 Title
10 Title
11 Title
12 Title
13 Title
14 Title
15 Title
16 Title
17 Title
18 Title
19 Title
20 Title
21 Title
22 Title
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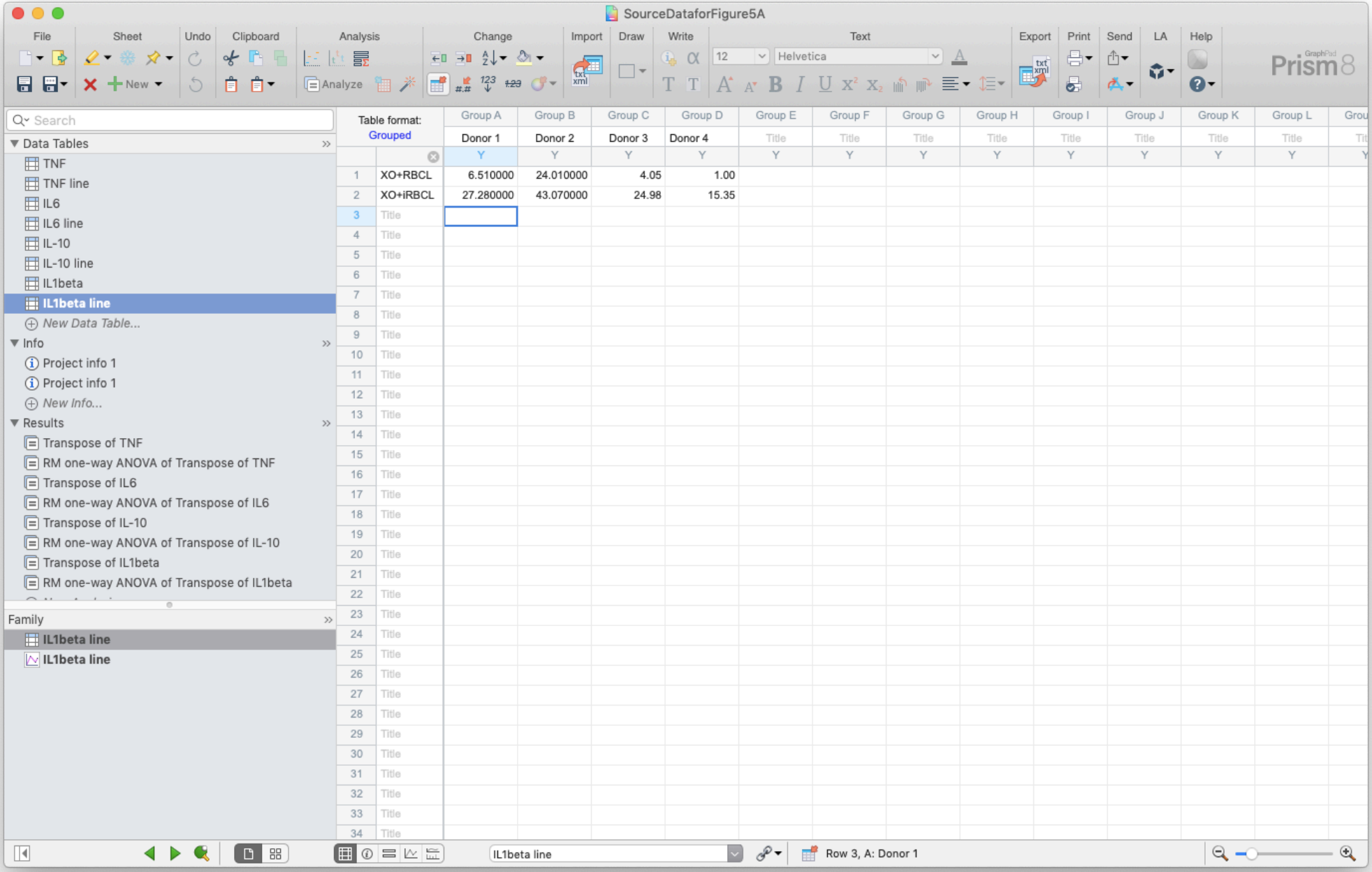
30 Title
31 Title
32 Title
33 Title
34 Title
IL1beta
Row 7, A: Donor 1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Helvetica
Search
Data Tables
TNF
TNF line
IL6
IL6 line
IL-10
IL-10 line
IL1beta
IL1beta line
New Data Table...
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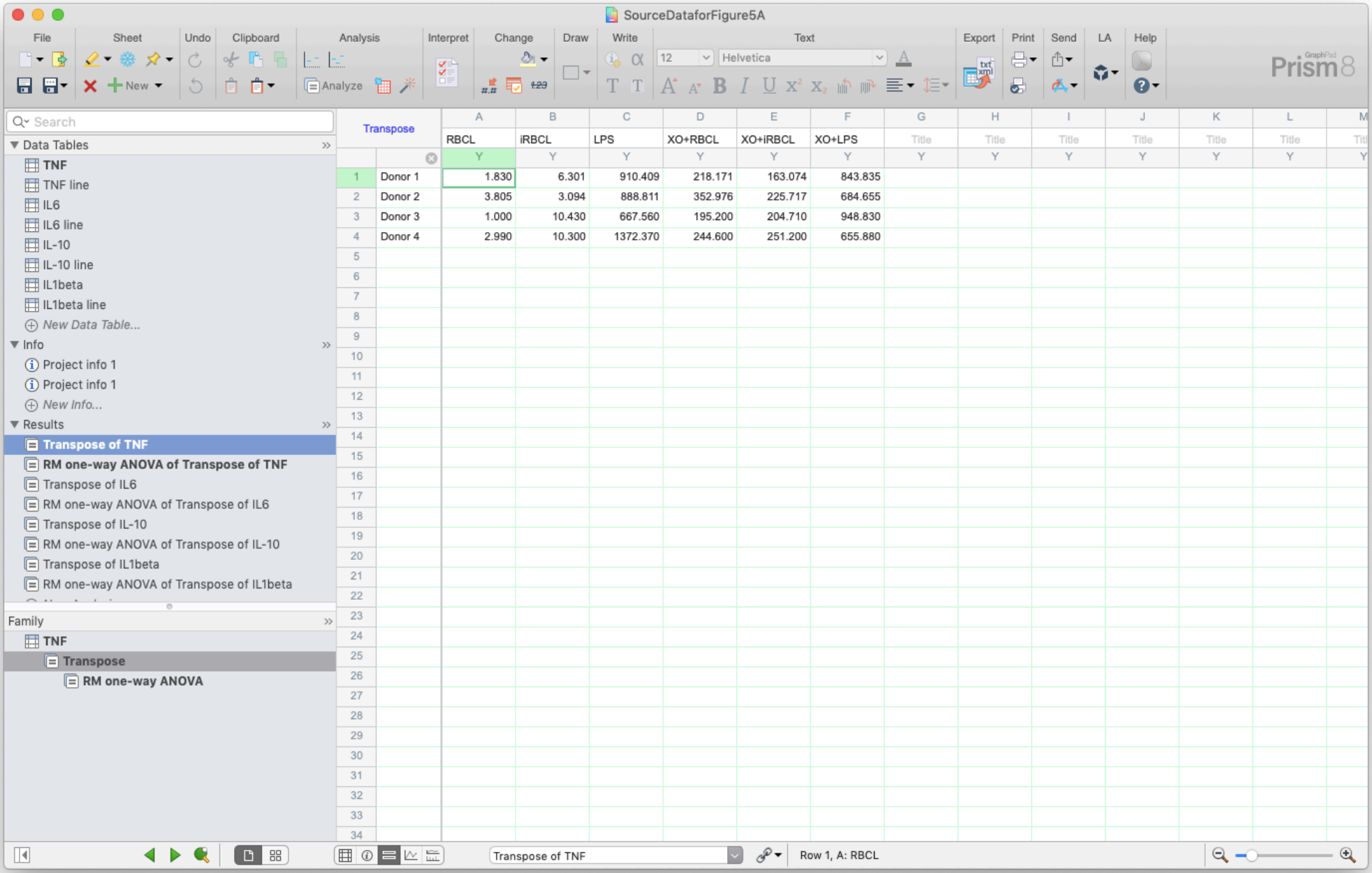
Project info 1
Project info 1
New Info...
Results
Transpose of TNF
RM one-way ANOVA of Transpose of TNF
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
IL1beta line
IL1beta line
Table format:
Grouped
Group A
Group B
Group C
Group D
Group E
Group F
Group G
Group H
Group I
Group J
Group K
Group L
Donor 1
Donor 2
Donor 3
Donor 4
Title
XO+RBCL
6.510000
24.010000
4.05
1.00
XO+iRBCL
27.280000
43.070000
24.98
15.35
IL1beta line
Row 3, A: Donor 1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Data Tables
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IL6
IL6 line
IL-10
IL-10 line
IL1beta
IL1beta line
New Data Table...
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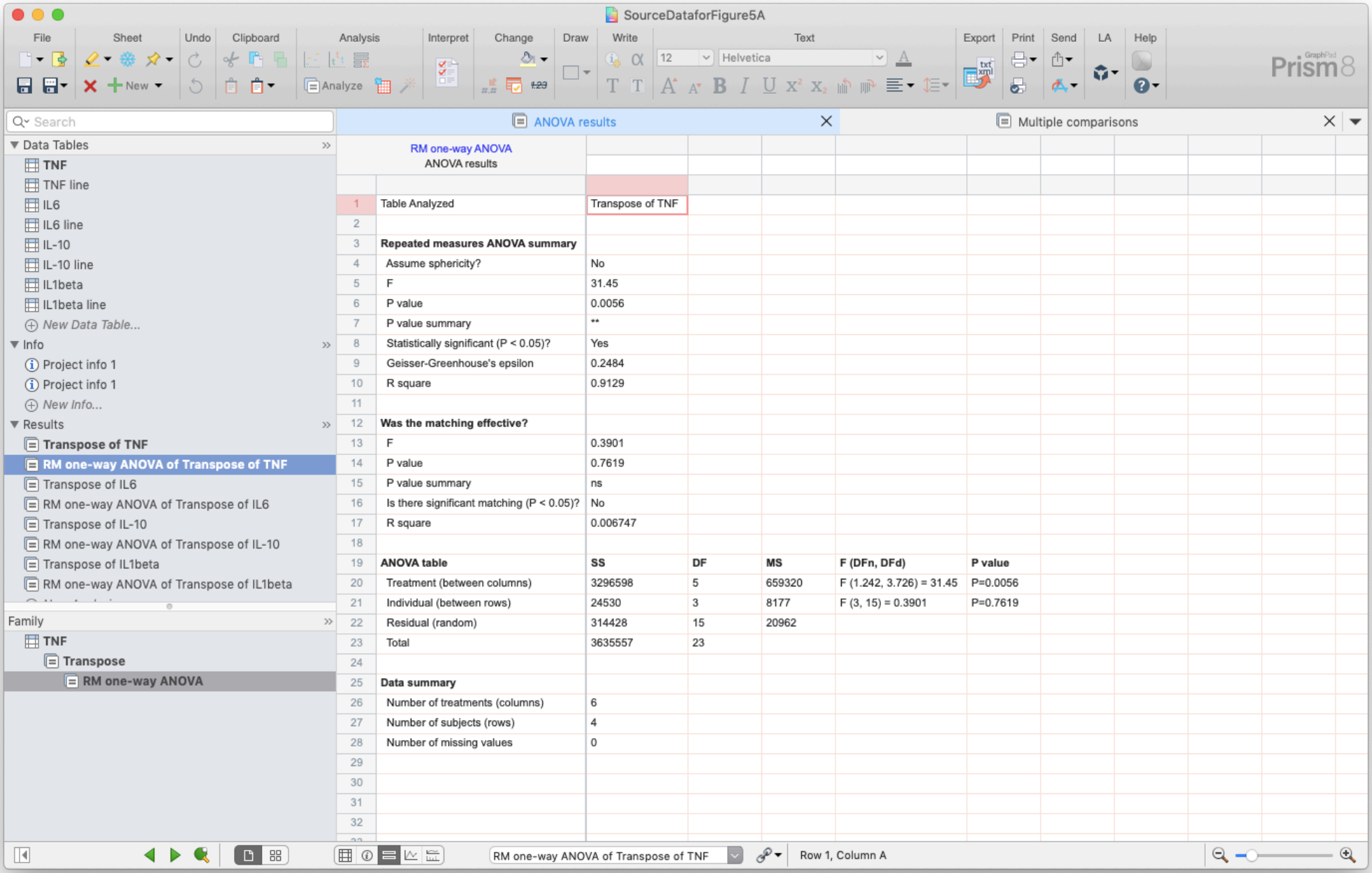
Project info 1
New Info...
Results
Transpose of TNF
RM one-way ANOVA of Transpose of TNF
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
TNF
Transpose
RM one-way ANOVA
Transpose
A
B
C
D
E
F
G
H
I
J
K
L
M
RBCL
iRBCL
LPS
XO+RBCL
XO+iRBCL
XO+LPS
Title
Y
1 Donor 1 1.830 6.301 910.409 218.171 163.074 843.835
2 Donor 2 3.805 3.094 888.811 352.976 225.717 684.655
3 Donor 3 1.000 10.430 667.560 195.200 204.710 948.830
4 Donor 4 2.990 10.300 1372.370 244.600 251.200 655.880
Transpose of TNF
Row 1, A: RBCL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Prism 8
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ANOVA results
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Data Tables
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TNF line
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IL6 line
IL-10
IL-10 line
IL1beta
IL1beta line
New Data Table...
Info
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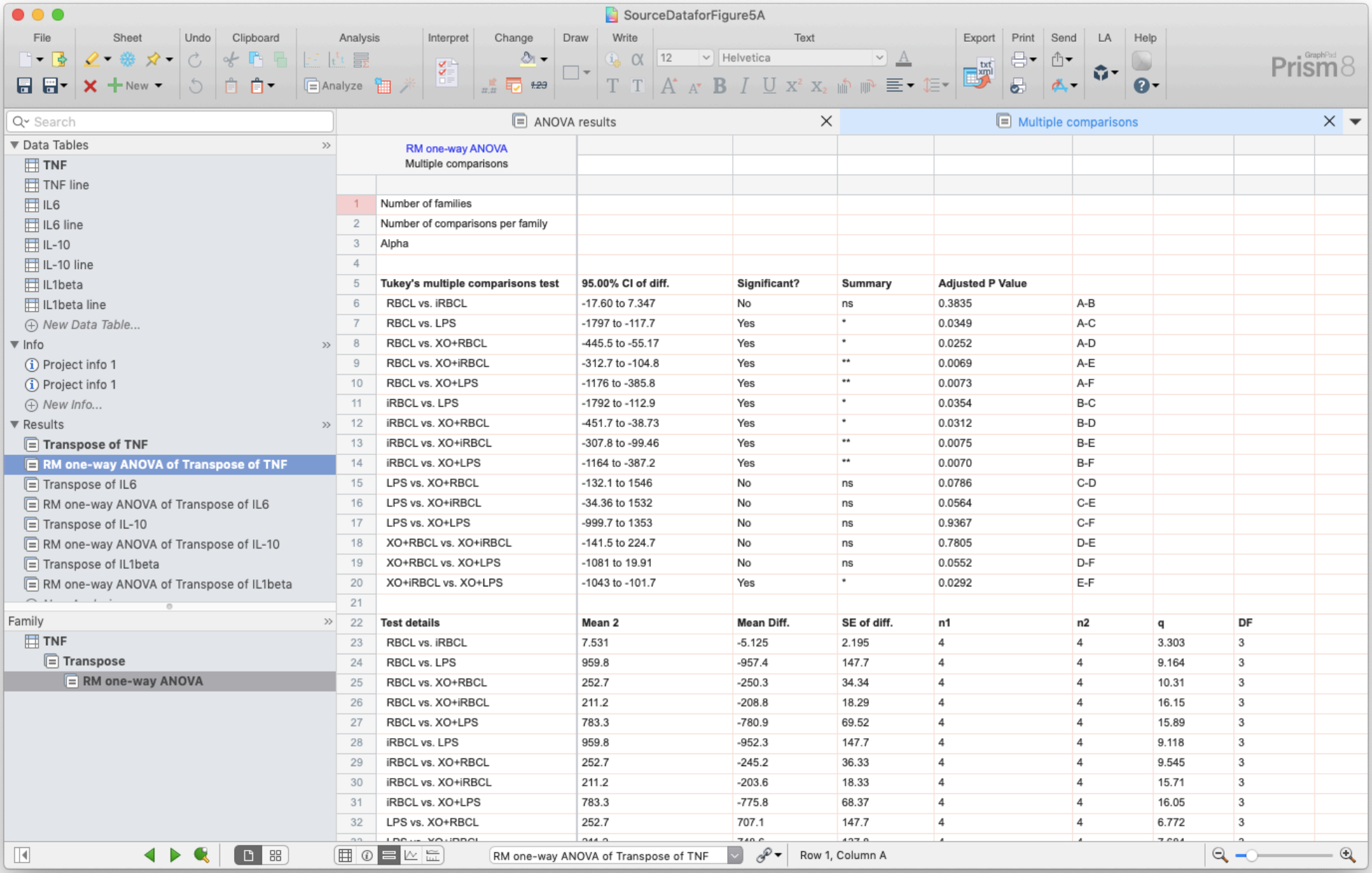
Project info 1
New Info...
Results
Transpose of TNF
RM one-way ANOVA of Transpose of TNF
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
TNF
Transpose
RM one-way ANOVA
RM one-way ANOVA
ANOVA results
Table Analyzed
Transpose of TNF
Repeated measures ANOVA summary
Assume sphericity?
No
F
31.45
P value
0.0056
P value summary
**
Statistically significant (P < 0.05)?
Yes
Geisser-Greenhouse's epsilon
0.2484
R square
0.9129
Was the matching effective?
F
0.3901
P value
0.7619
P value summary
ns
Is there significant matching (P < 0.05)?
No
R square
0.006747
ANOVA table
SS
DF
MS
F (DFn, DFd)
P value
Treatment (between columns)
3296598
5
659320
F (1.242, 3.726) = 31.45
P=0.0056
Individual (between rows)
24530
3
8177
F (3, 15) = 0.3901
P=0.7619
Residual (random)
314428
15
20962
Total
3635557
23
Data summary
Number of treatments (columns)
6
Number of subjects (rows)
4
Number of missing values
0
RM one-way ANOVA of Transpose of TNF
Row 1, Column A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Multiple comparisons
Data Tables
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IL6 line
IL-10
IL-10 line
IL1beta
IL1beta line
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Project info 1
New Info...
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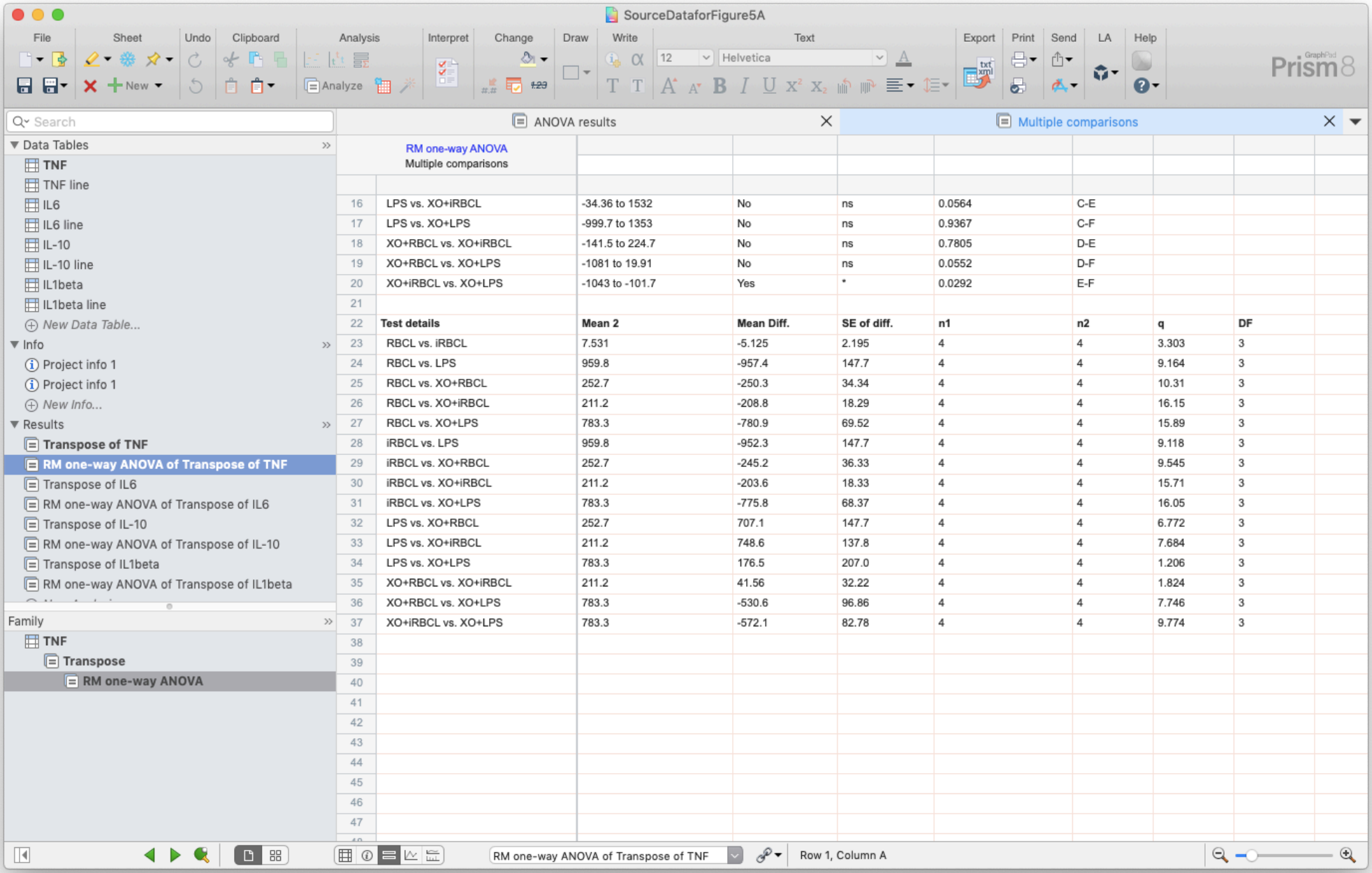
Transpose of TNF
RM one-way ANOVA of Transpose of TNF
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
TNF
Transpose
RM one-way ANOVA
RM one-way ANOVA
Multiple comparisons
Number of families
Number of comparisons per family
Alpha
Tukey's multiple comparisons test | 95.00% CI of diff. | Significant? | Summary | Adjusted P Value
RBCL vs. iRBCL | -17.60 to 7.347 | No | ns | 0.3835 | A-B
RBCL vs. LPS | -1797 to -117.7 | Yes | * | 0.0349 | A-C
RBCL vs. XO+RBCL | -445.5 to -55.17 | Yes | * | 0.0252 | A-D
RBCL vs. XO+iRBCL | -312.7 to -104.8 | Yes | ** | 0.0069 | A-E
RBCL vs. XO+LPS | -1176 to -385.8 | Yes | ** | 0.0073 | A-F
iRBCL vs. LPS | -1792 to -112.9 | Yes | * | 0.0354 | B-C
iRBCL vs. XO+RBCL | -451.7 to -38.73 | Yes | * | 0.0312 | B-D
iRBCL vs. XO+iRBCL | -307.8 to -99.46 | Yes | ** | 0.0075 | B-E
iRBCL vs. XO+LPS | -1164 to -387.2 | Yes | ** | 0.0070 | B-F
LPS vs. XO+RBCL | -132.1 to 1546 | No | ns | 0.0786 | C-D
LPS vs. XO+iRBCL | -34.36 to 1532 | No | ns | 0.0564 | C-E
LPS vs. XO+LPS | -999.7 to 1353 | No | ns | 0.9367 | C-F
XO+RBCL vs. XO+iRBCL | -141.5 to 224.7 | No | ns | 0.7805 | D-E
XO+RBCL vs. XO+LPS | -1081 to 19.91 | No | ns | 0.0552 | D-F
XO+iRBCL vs. XO+LPS | -1043 to -101.7 | Yes | * | 0.0292 | E-F
Test details | Mean 2 | Mean Diff. | SE of diff. | n1 | n2 | q | DF
RBCL vs. iRBCL | 7.531 | -5.125 | 2.195 | 4 | 4 | 3.303 | 3
RBCL vs. LPS | 959.8 | -957.4 | 147.7 | 4 | 4 | 9.164 | 3
RBCL vs. XO+RBCL | 252.7 | -250.3 | 34.34 | 4 | 4 | 10.31 | 3
RBCL vs. XO+iRBCL | 211.2 | -208.8 | 18.29 | 4 | 4 | 16.15 | 3
RBCL vs. XO+LPS | 783.3 | -780.9 | 69.52 | 4 | 4 | 15.89 | 3
iRBCL vs. LPS | 959.8 | -952.3 | 147.7 | 4 | 4 | 9.118 | 3
iRBCL vs. XO+RBCL | 252.7 | -245.2 | 36.33 | 4 | 4 | 9.545 | 3
iRBCL vs. XO+iRBCL | 211.2 | -203.6 | 18.33 | 4 | 4 | 15.71 | 3
iRBCL vs. XO+LPS | 783.3 | -775.8 | 68.37 | 4 | 4 | 16.05 | 3
LPS vs. XO+RBCL | 252.7 | 707.1 | 147.7 | 4 | 4 | 6.772 | 3
RM one-way ANOVA of Transpose of TNF
Row 1, Column A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IL-10
IL-10 line
IL1beta
IL1beta line
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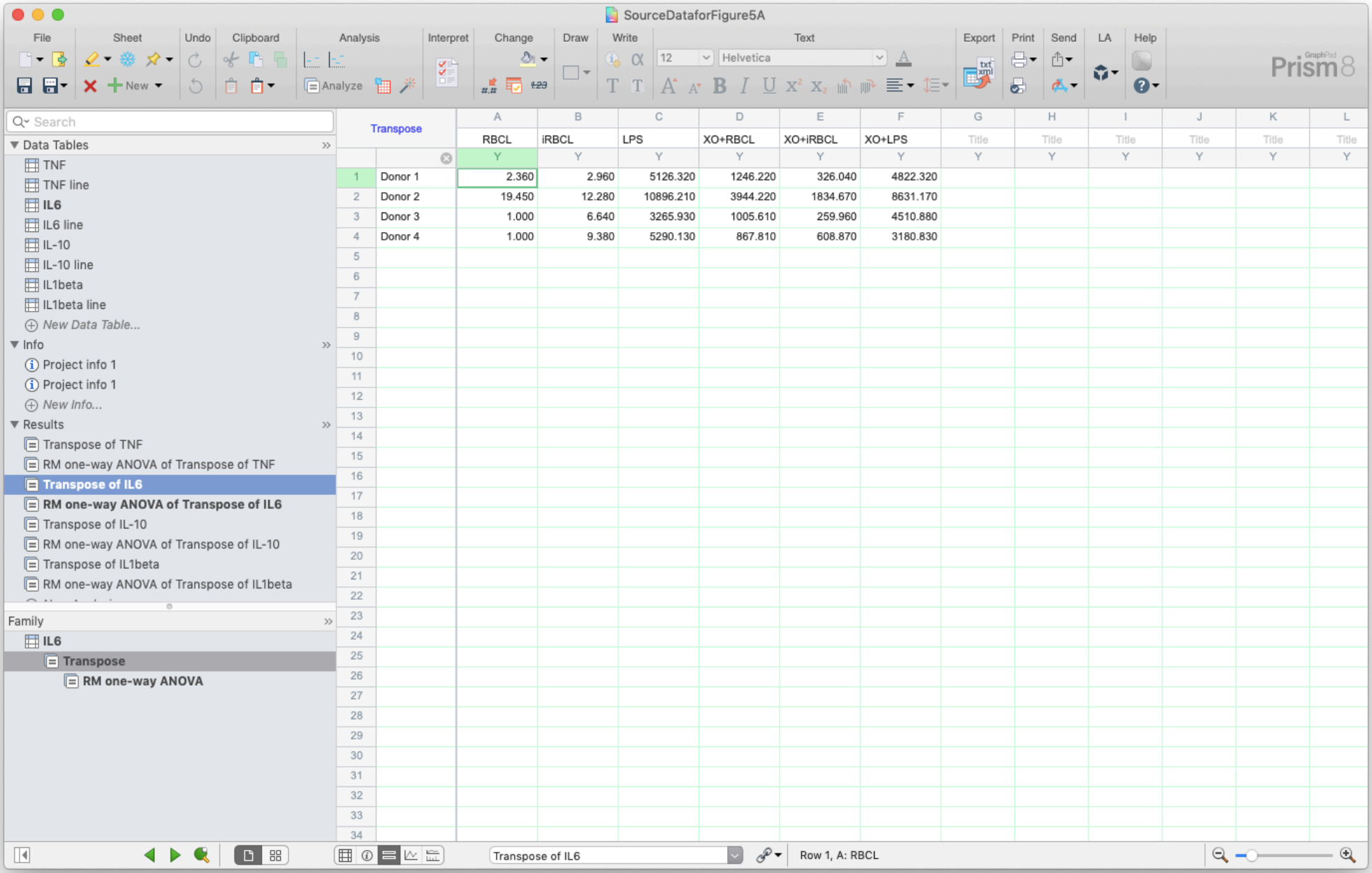
Project info 1
New Info...
Results
Transpose of TNF
RM one-way ANOVA of Transpose of TNF
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
TNF
Transpose
RM one-way ANOVA
RM one-way ANOVA
Multiple comparisons
LPS vs. XO+iRBCL -34.36 to 1532 No ns 0.0564 C-E
LPS vs. XO+LPS -999.7 to 1353 No ns 0.9367 C-F
XO+RBCL vs. XO+iRBCL -141.5 to 224.7 No ns 0.7805 D-E
XO+RBCL vs. XO+LPS -1081 to 19.91 No ns 0.0552 D-F
XO+iRBCL vs. XO+LPS -1043 to -101.7 Yes * 0.0292 E-F
Test details Mean 2 Mean Diff. SE of diff. n1 n2 q DF
RBCL vs. iRBCL 7.531 -5.125 2.195 4 4 3.303 3
RBCL vs. LPS 959.8 -957.4 147.7 4 4 9.164 3
RBCL vs. XO+RBCL 252.7 -250.3 34.34 4 4 10.31 3
RBCL vs. XO+iRBCL 211.2 -208.8 18.29 4 4 16.15 3
RBCL vs. XO+LPS 783.3 -780.9 69.52 4 4 15.89 3
iRBCL vs. LPS 959.8 -952.3 147.7 4 4 9.118 3
iRBCL vs. XO+RBCL 252.7 -245.2 36.33 4 4 9.545 3
iRBCL vs. XO+iRBCL 211.2 -203.6 18.33 4 4 15.71 3
iRBCL vs. XO+LPS 783.3 -775.8 68.37 4 4 16.05 3
LPS vs. XO+RBCL 252.7 707.1 147.7 4 4 6.772 3
LPS vs. XO+iRBCL 211.2 748.6 137.8 4 4 7.684 3
LPS vs. XO+LPS 783.3 176.5 207.0 4 4 1.206 3
XO+RBCL vs. XO+iRBCL 211.2 41.56 32.22 4 4 1.824 3
XO+RBCL vs. XO+LPS 783.3 -530.6 96.86 4 4 7.746 3
XO+iRBCL vs. XO+LPS 783.3 -572.1 82.78 4 4 9.774 3
RM one-way ANOVA of Transpose of TNF
Row 1, Column A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IL-10
IL-10 line
IL1beta
IL1beta line
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New Info...
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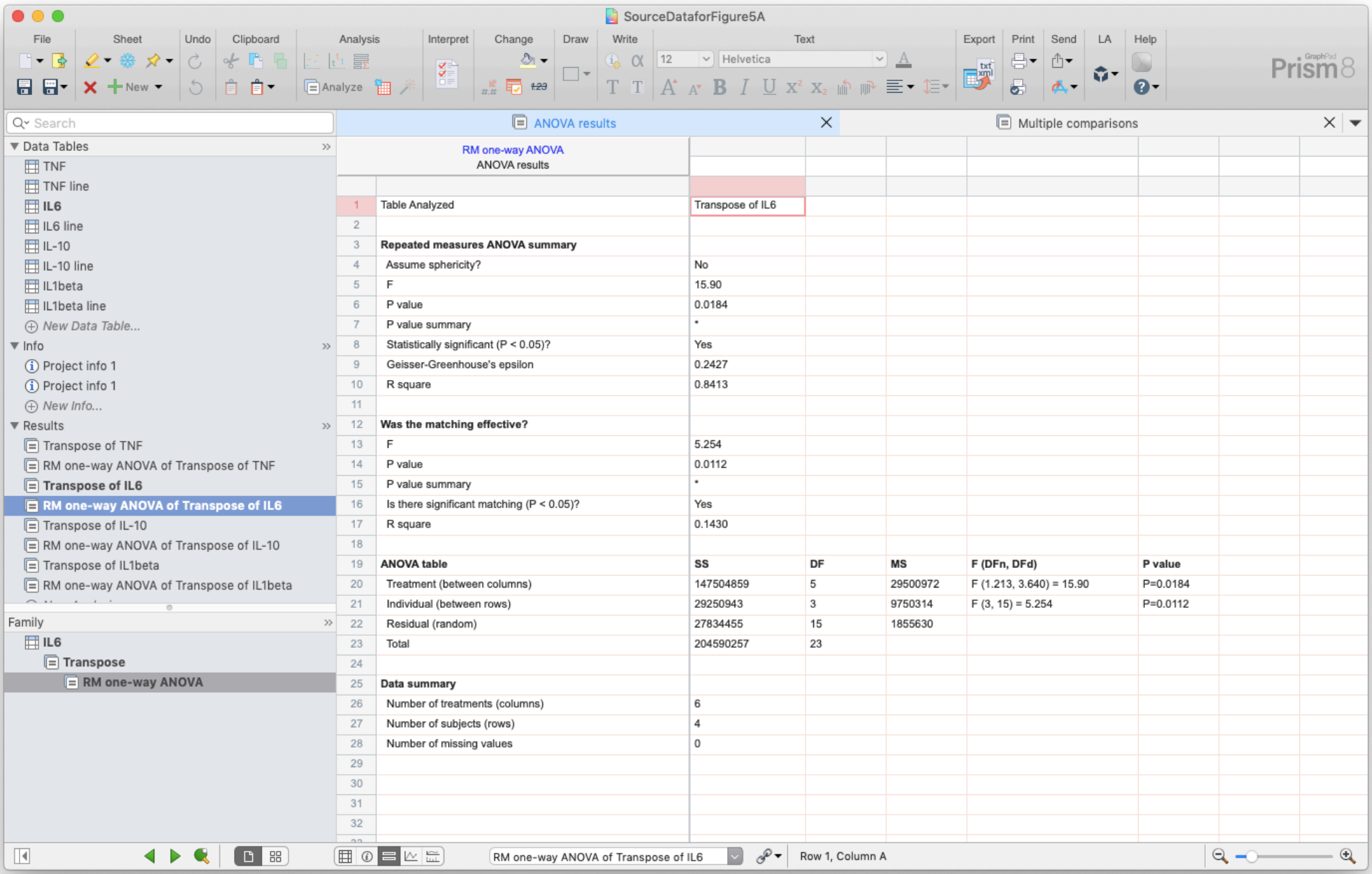
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
IL6
Transpose
RM one-way ANOVA
Transpose
RBCL
iRBCL
LPS
XO+RBCL
XO+iRBCL
XO+LPS
Donor 1 2.360 2.960 5126.320 1246.220 326.040 4822.320
Donor 2 19.450 12.280 10896.210 3944.220 1834.670 8631.170
Donor 3 1.000 6.640 3265.930 1005.610 259.960 4510.880
Donor 4 1.000 9.380 5290.130 867.810 608.870 3180.830
Transpose of IL6
Row 1, A: RBCL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IL6 line
IL-10
IL-10 line
IL1beta
IL1beta line
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Results
Transpose of TNF
RM one-way ANOVA of Transpose of TNF
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
IL6
Transpose
RM one-way ANOVA
RM one-way ANOVA
ANOVA results
Table Analyzed
Transpose of IL6
Repeated measures ANOVA summary
Assume sphericity?
No
F
15.90
P value
0.0184
P value summary
*
Statistically significant (P < 0.05)?
Yes
Geisser-Greenhouse's epsilon
0.2427
R square
0.8413
Was the matching effective?
F
5.254
P value
0.0112
P value summary
*
Is there significant matching (P < 0.05)?
Yes
R square
0.1430
ANOVA table
SS
DF
MS
F (DFn, DFd)
P value
Treatment (between columns)
147504859
5
29500972
F (1.213, 3.640) = 15.90
P=0.0184
Individual (between rows)
29250943
3
9750314
F (3, 15) = 5.254
P=0.0112
Residual (random)
27834455
15
1855630
Total
204590257
23
Data summary
Number of treatments (columns)
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Number of subjects (rows)
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Number of missing values
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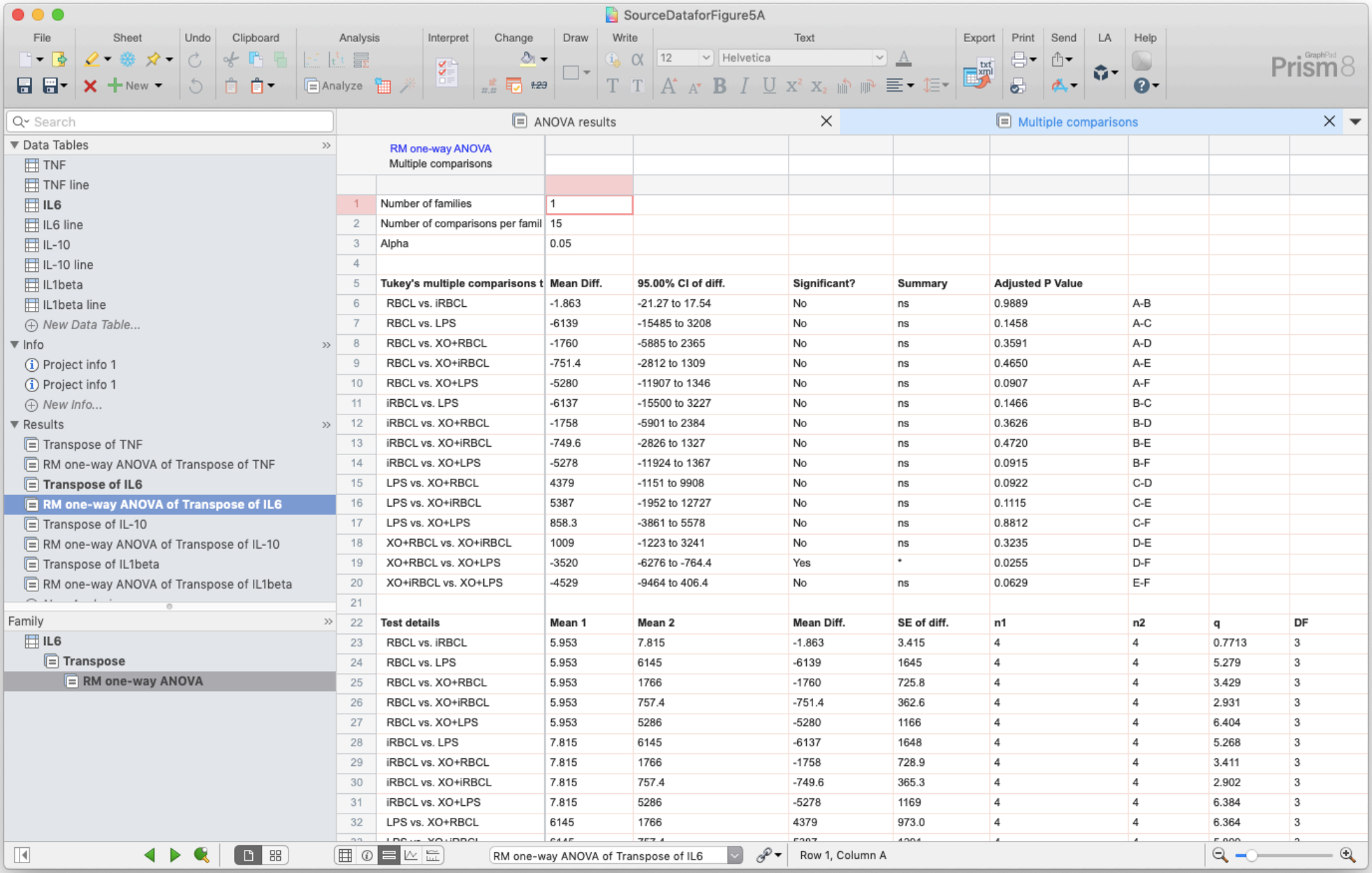
RM one-way ANOVA of Transpose of IL6
Row 1, Column A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IL-10 line
IL1beta
IL1beta line
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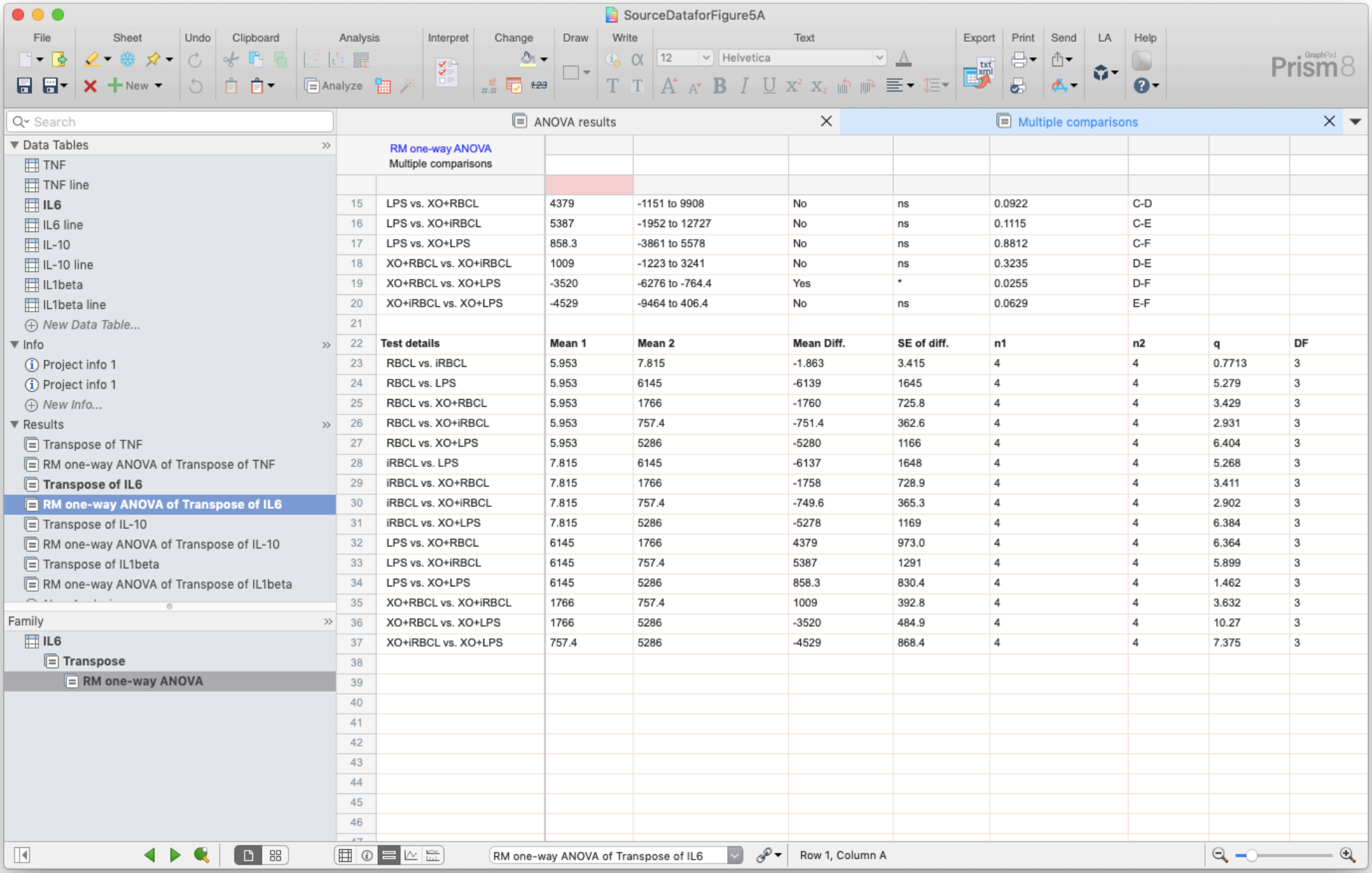
Transpose of TNF
RM one-way ANOVA of Transpose of TNF
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
IL6
Transpose
RM one-way ANOVA
ANOVA results
Multiple comparisons
RM one-way ANOVA
Multiple comparisons
Number of families 1
Number of comparisons per famil 15
Alpha 0.05
Tukey's multiple comparisons t | Mean Diff. | 95.00% CI of diff. | Significant? | Summary | Adjusted P Value
RBCL vs. iRBCL | -1.863 | -21.27 to 17.54 | No | ns | 0.9889 | A-B
RBCL vs. LPS | -6139 | -15485 to 3208 | No | ns | 0.1458 | A-C
RBCL vs. XO+RBCL | -1760 | -5885 to 2365 | No | ns | 0.3591 | A-D
RBCL vs. XO+iRBCL | -751.4 | -2812 to 1309 | No | ns | 0.4650 | A-E
RBCL vs. XO+LPS | -5280 | -11907 to 1346 | No | ns | 0.0907 | A-F
iRBCL vs. LPS | -6137 | -15500 to 3227 | No | ns | 0.1466 | B-C
iRBCL vs. XO+RBCL | -1758 | -5901 to 2384 | No | ns | 0.3626 | B-D
iRBCL vs. XO+iRBCL | -749.6 | -2826 to 1327 | No | ns | 0.4720 | B-E
iRBCL vs. XO+LPS | -5278 | -11924 to 1367 | No | ns | 0.0915 | B-F
LPS vs. XO+RBCL | 4379 | -1151 to 9908 | No | ns | 0.0922 | C-D
LPS vs. XO+iRBCL | 5387 | -1952 to 12727 | No | ns | 0.1115 | C-E
LPS vs. XO+LPS | 858.3 | -3861 to 5578 | No | ns | 0.8812 | C-F
XO+RBCL vs. XO+iRBCL | 1009 | -1223 to 3241 | No | ns | 0.3235 | D-E
XO+RBCL vs. XO+LPS | -3520 | -6276 to -764.4 | Yes | * | 0.0255 | D-F
XO+iRBCL vs. XO+LPS | -4529 | -9464 to 406.4 | No | ns | 0.0629 | E-F
Test details | Mean 1 | Mean 2 | Mean Diff. | SE of diff. | n1 | n2 | q | DF
RBCL vs. iRBCL | 5.953 | 7.815 | -1.863 | 3.415 | 4 | 4 | 0.7713 | 3
RBCL vs. LPS | 5.953 | 6145 | -6139 | 1645 | 4 | 4 | 5.279 | 3
RBCL vs. XO+RBCL | 5.953 | 1766 | -1760 | 725.8 | 4 | 4 | 3.429 | 3
RBCL vs. XO+iRBCL | 5.953 | 757.4 | -751.4 | 362.6 | 4 | 4 | 2.931 | 3
RBCL vs. XO+LPS | 5.953 | 5286 | -5280 | 1166 | 4 | 4 | 6.404 | 3
iRBCL vs. LPS | 7.815 | 6145 | -6137 | 1648 | 4 | 4 | 5.268 | 3
iRBCL vs. XO+RBCL | 7.815 | 1766 | -1758 | 728.9 | 4 | 4 | 3.411 | 3
iRBCL vs. XO+iRBCL | 7.815 | 757.4 | -749.6 | 365.3 | 4 | 4 | 2.902 | 3
iRBCL vs. XO+LPS | 7.815 | 5286 | -5278 | 1169 | 4 | 4 | 6.384 | 3
LPS vs. XO+RBCL | 6145 | 1766 | 4379 | 973.0 | 4 | 4 | 6.364 | 3
RM one-way ANOVA of Transpose of IL6
Row 1, Column A



15	LPS vs. XO+RBCL	4379	-1151 to 9908	No	ns	0.0922	C-D		
16	LPS vs. XO+iRBCL	5387	-1952 to 12727	No	ns	0.1115	C-E		
17	LPS vs. XO+LPS	858.3	-3861 to 5578	No	ns	0.8812	C-F		
18	XO+RBCL vs. XO+iRBCL	1009	-1223 to 3241	No	ns	0.3235	D-E		
19	XO+RBCL vs. XO+LPS	-3520	-6276 to -764.4	Yes	*	0.0255	D-F		
20	XO+iRBCL vs. XO+LPS	-4529	-9464 to 406.4	No	ns	0.0629	E-F		
21									
22	**Test details**	**Mean 1**	**Mean 2**	**Mean Diff.**	**SE of diff.**	**n1**	**n2**	**q**	**DF**
23	RBCL vs. iRBCL	5.953	7.815	-1.863	3.415	4	4	0.7713	3
24	RBCL vs. LPS	5.953	6145	-6139	1645	4	4	5.279	3
25	RBCL vs. XO+RBCL	5.953	1766	-1760	725.8	4	4	3.429	3
26	RBCL vs. XO+iRBCL	5.953	757.4	-751.4	362.6	4	4	2.931	3
27	RBCL vs. XO+LPS	5.953	5286	-5280	1166	4	4	6.404	3
28	iRBCL vs. LPS	7.815	6145	-6137	1648	4	4	5.268	3
29	iRBCL vs. XO+RBCL	7.815	1766	-1758	728.9	4	4	3.411	3
30	iRBCL vs. XO+iRBCL	7.815	757.4	-749.6	365.3	4	4	2.902	3
31	iRBCL vs. XO+LPS	7.815	5286	-5278	1169	4	4	6.384	3
32	LPS vs. XO+RBCL	6145	1766	4379	973.0	4	4	6.364	3
33	LPS vs. XO+iRBCL	6145	757.4	5387	1291	4	4	5.899	3
34	LPS vs. XO+LPS	6145	5286	858.3	830.4	4	4	1.462	3
35	XO+RBCL vs. XO+iRBCL	1766	757.4	1009	392.8	4	4	3.632	3
36	XO+RBCL vs. XO+LPS	1766	5286	-3520	484.9	4	4	10.27	3
37	XO+iRBCL vs. XO+LPS	757.4	5286	-4529	868.4	4	4	7.375	3
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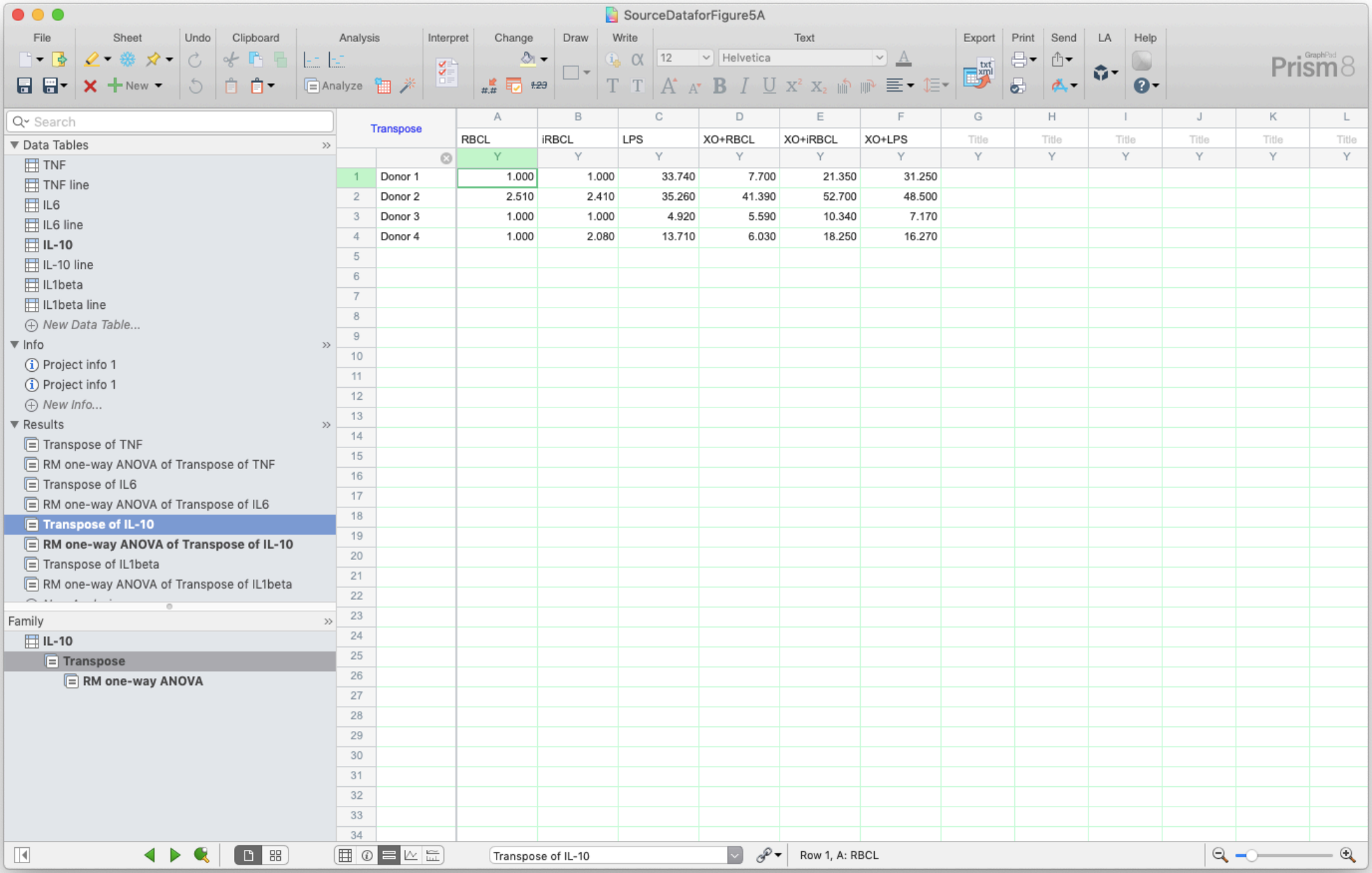
45									
46									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IL-10 line
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IL1beta line
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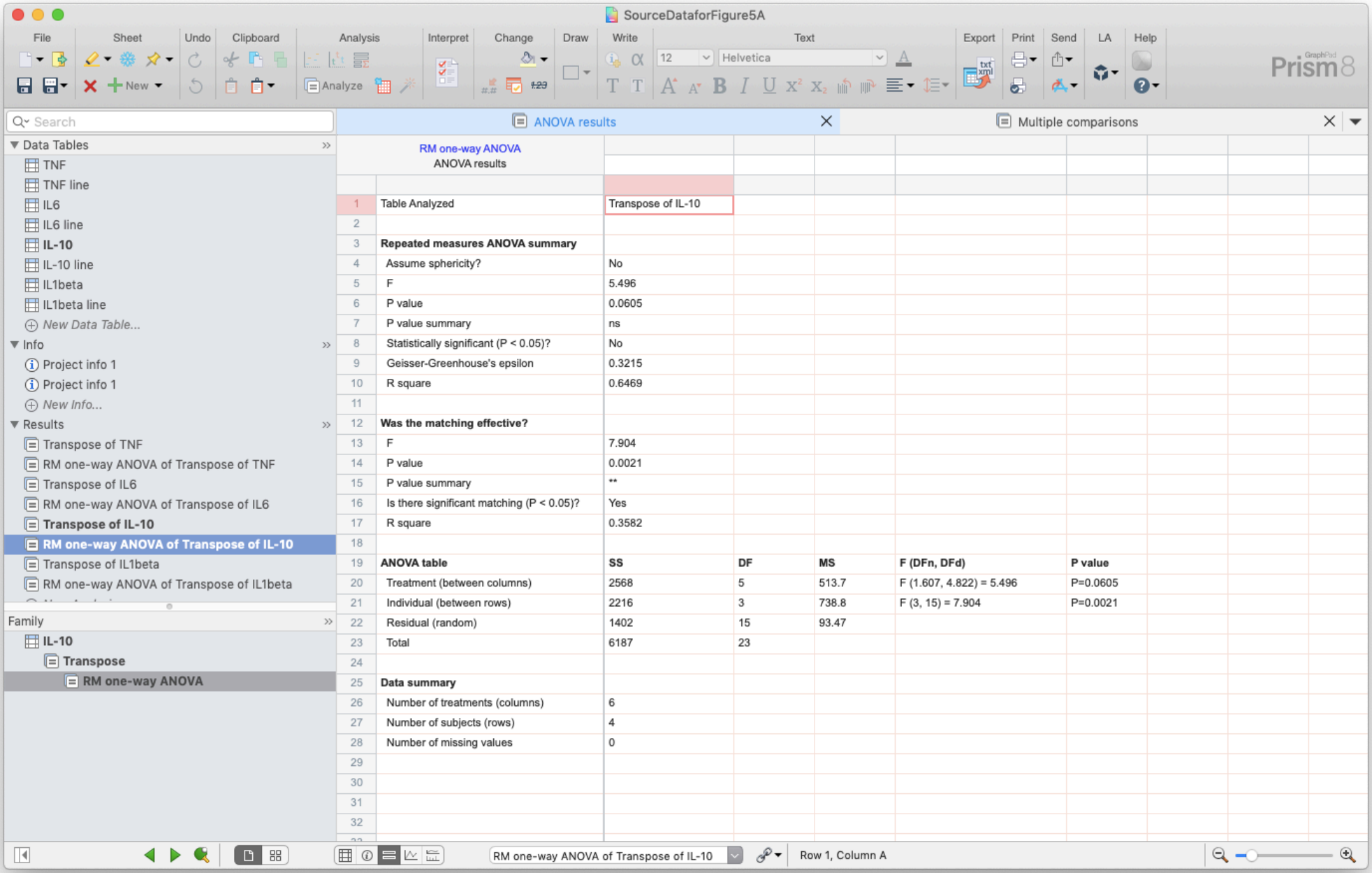
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
IL-10
Transpose
RM one-way ANOVA
Transpose
A RBCL Y
B iRBCL Y
C LPS Y
D XO+RBCL Y
E XO+iRBCL Y
F XO+LPS Y
G Title Y
H Title Y
I Title Y
J Title Y
K Title Y
L Title Y
1 Donor 1 1.000 1.000 33.740 7.700 21.350 31.250
2 Donor 2 2.510 2.410 35.260 41.390 52.700 48.500
3 Donor 3 1.000 1.000 4.920 5.590 10.340 7.170
4 Donor 4 1.000 2.080 13.710 6.030 18.250 16.270
Transpose of IL-10
Row 1, A: RBCL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IL-10 line
IL1beta
IL1beta line
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New Info...
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Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
IL-10
Transpose
RM one-way ANOVA
RM one-way ANOVA
ANOVA results
Table Analyzed
Transpose of IL-10
Repeated measures ANOVA summary
Assume sphericity?
No
F
5.496
P value
0.0605
P value summary
ns
Statistically significant (P < 0.05)?
No
Geisser-Greenhouse's epsilon
0.3215
R square
0.6469
Was the matching effective?
F
7.904
P value
0.0021
P value summary
**
Is there significant matching (P < 0.05)?
Yes
R square
0.3582
ANOVA table
SS
DF
MS
F (DFn, DFd)
P value
Treatment (between columns)
2568
5
513.7
F (1.607, 4.822) = 5.496
P=0.0605
Individual (between rows)
2216
3
738.8
F (3, 15) = 7.904
P=0.0021
Residual (random)
1402
15
93.47
Total
6187
23
Data summary
Number of treatments (columns)
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Number of subjects (rows)
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Number of missing values
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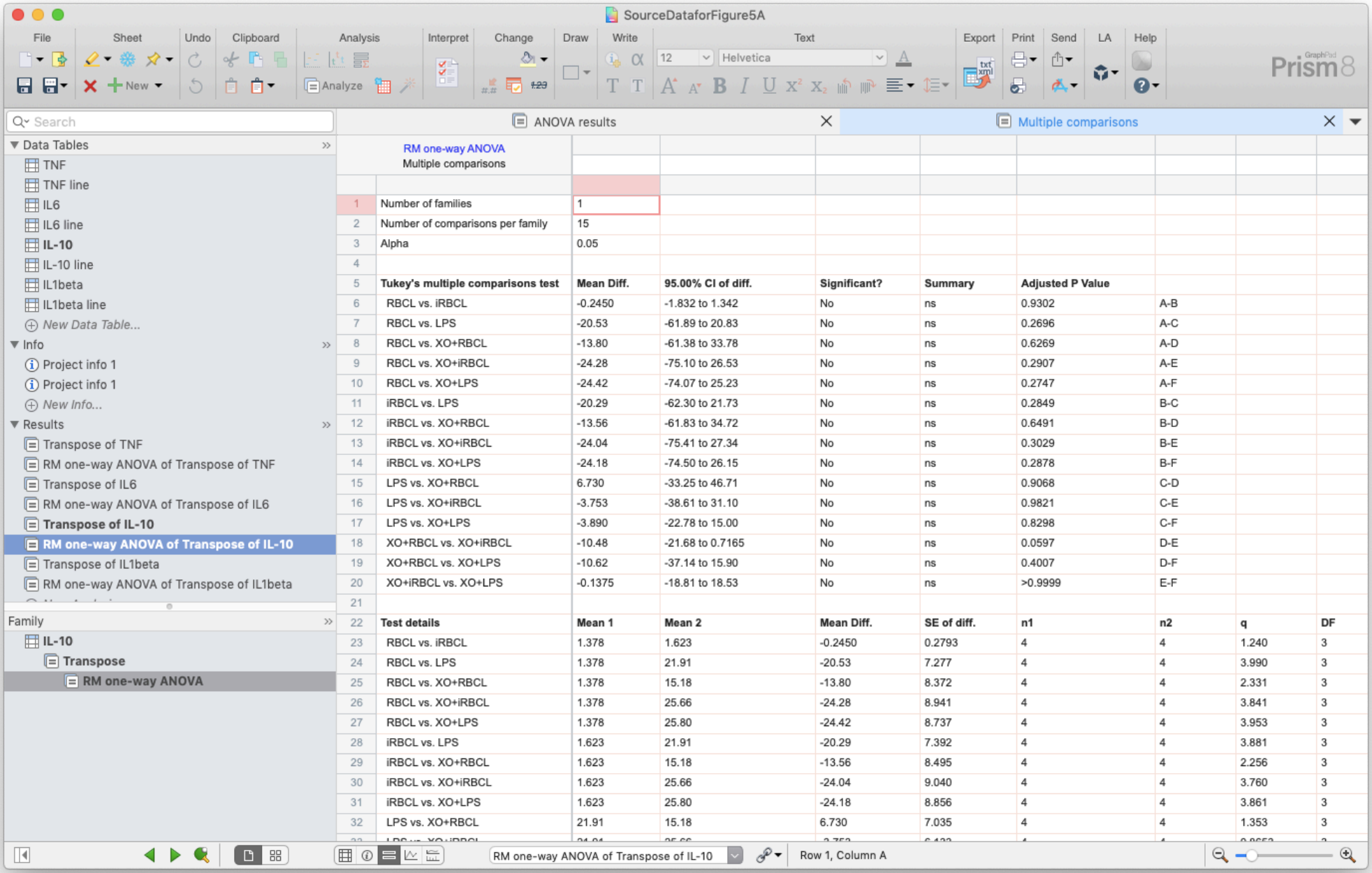
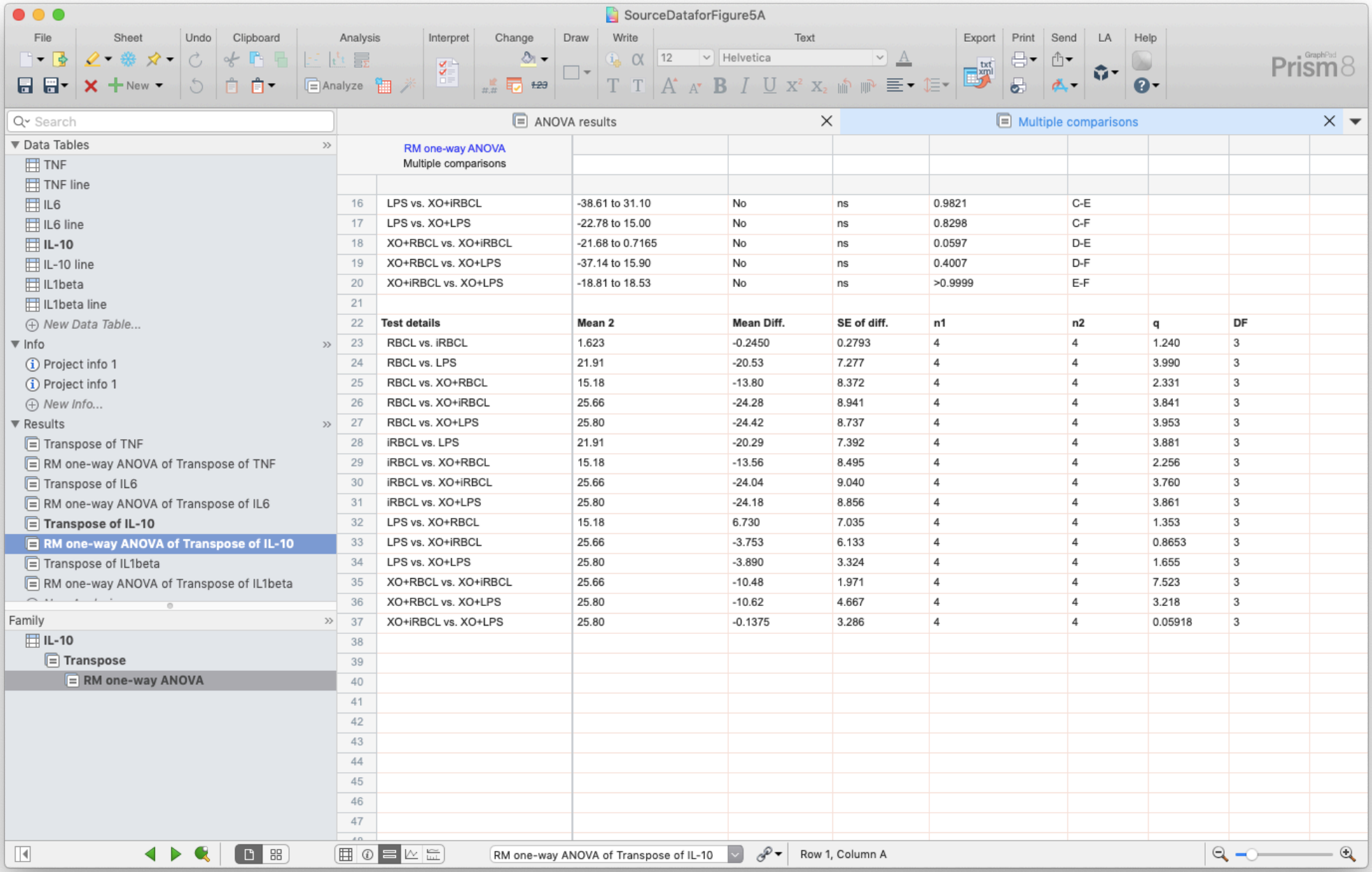
RM one-way ANOVA of Transpose of IL-10
Row 1, Column A



RM one-way ANOVA
Multiple comparisons

1	Number of families	1							
2	Number of comparisons per family	15							
3	Alpha	0.05							
4									
5	**Tukey's multiple comparisons test**	**Mean Diff.**	**95.00% CI of diff.**	**Significant?**	**Summary**	**Adjusted P Value**			
6	RBCL vs. iRBCL	-0.2450	-1.832 to 1.342	No	ns	0.9302	A-B		
7	RBCL vs. LPS	-20.53	-61.89 to 20.83	No	ns	0.2696	A-C		
8	RBCL vs. XO+RBCL	-13.80	-61.38 to 33.78	No	ns	0.6269	A-D		
9	RBCL vs. XO+iRBCL	-24.28	-75.10 to 26.53	No	ns	0.2907	A-E		
10	RBCL vs. XO+LPS	-24.42	-74.07 to 25.23	No	ns	0.2747	A-F		
11	iRBCL vs. LPS	-20.29	-62.30 to 21.73	No	ns	0.2849	B-C		
12	iRBCL vs. XO+RBCL	-13.56	-61.83 to 34.72	No	ns	0.6491	B-D		
13	iRBCL vs. XO+iRBCL	-24.04	-75.41 to 27.34	No	ns	0.3029	B-E		
14	iRBCL vs. XO+LPS	-24.18	-74.50 to 26.15	No	ns	0.2878	B-F		
15	LPS vs. XO+RBCL	6.730	-33.25 to 46.71	No	ns	0.9068	C-D		
16	LPS vs. XO+iRBCL	-3.753	-38.61 to 31.10	No	ns	0.9821	C-E		
17	LPS vs. XO+LPS	-3.890	-22.78 to 15.00	No	ns	0.8298	C-F		
18	XO+RBCL vs. XO+iRBCL	-10.48	-21.68 to 0.7165	No	ns	0.0597	D-E		
19	XO+RBCL vs. XO+LPS	-10.62	-37.14 to 15.90	No	ns	0.4007	D-F		
20	XO+iRBCL vs. XO+LPS	-0.1375	-18.81 to 18.53	No	ns	>0.9999	E-F		
21									
22	**Test details**	**Mean 1**	**Mean 2**	**Mean Diff.**	**SE of diff.**	**n1**	**n2**	**q**	**DF**
23	RBCL vs. iRBCL	1.378	1.623	-0.2450	0.2793	4	4	1.240	3
24	RBCL vs. LPS	1.378	21.91	-20.53	7.277	4	4	3.990	3
25	RBCL vs. XO+RBCL	1.378	15.18	-13.80	8.372	4	4	2.331	3
26	RBCL vs. XO+iRBCL	1.378	25.66	-24.28	8.941	4	4	3.841	3
27	RBCL vs. XO+LPS	1.378	25.80	-24.42	8.737	4	4	3.953	3
28	iRBCL vs. LPS	1.623	21.91	-20.29	7.392	4	4	3.881	3
29	iRBCL vs. XO+RBCL	1.623	15.18	-13.56	8.495	4	4	2.256	3
30	iRBCL vs. XO+iRBCL	1.623	25.66	-24.04	9.040	4	4	3.760	3
31	iRBCL vs. XO+LPS	1.623	25.80	-24.18	8.856	4	4	3.861	3
32	LPS vs. XO+RBCL	21.91	15.18	6.730	7.035	4	4	1.353	3



	RM one-way ANOVA Multiple comparisons							
16	LPS vs. XO+iRBCL	-38.61 to 31.10	No	ns	0.9821	C-E		
17	LPS vs. XO+LPS	-22.78 to 15.00	No	ns	0.8298	C-F		
18	XO+RBCL vs. XO+iRBCL	-21.68 to 0.7165	No	ns	0.0597	D-E		
19	XO+RBCL vs. XO+LPS	-37.14 to 15.90	No	ns	0.4007	D-F		
20	XO+iRBCL vs. XO+LPS	-18.81 to 18.53	No	ns	>0.9999	E-F		
21								
22	**Test details**	**Mean 2**	**Mean Diff.**	**SE of diff.**	**n1**	**n2**	**q**	**DF**
23	RBCL vs. iRBCL	1.623	-0.2450	0.2793	4	4	1.240	3
24	RBCL vs. LPS	21.91	-20.53	7.277	4	4	3.990	3
25	RBCL vs. XO+RBCL	15.18	-13.80	8.372	4	4	2.331	3
26	RBCL vs. XO+iRBCL	25.66	-24.28	8.941	4	4	3.841	3
27	RBCL vs. XO+LPS	25.80	-24.42	8.737	4	4	3.953	3
28	iRBCL vs. LPS	21.91	-20.29	7.392	4	4	3.881	3
29	iRBCL vs. XO+RBCL	15.18	-13.56	8.495	4	4	2.256	3
30	iRBCL vs. XO+iRBCL	25.66	-24.04	9.040	4	4	3.760	3
31	iRBCL vs. XO+LPS	25.80	-24.18	8.856	4	4	3.861	3
32	LPS vs. XO+RBCL	15.18	6.730	7.035	4	4	1.353	3
33	LPS vs. XO+iRBCL	25.66	-3.753	6.133	4	4	0.8653	3
34	LPS vs. XO+LPS	25.80	-3.890	3.324	4	4	1.655	3
35	XO+RBCL vs. XO+iRBCL	25.66	-10.48	1.971	4	4	7.523	3
36	XO+RBCL vs. XO+LPS	25.80	-10.62	4.667	4	4	3.218	3
37	XO+iRBCL vs. XO+LPS	25.80	-0.1375	3.286	4	4	0.05918	3
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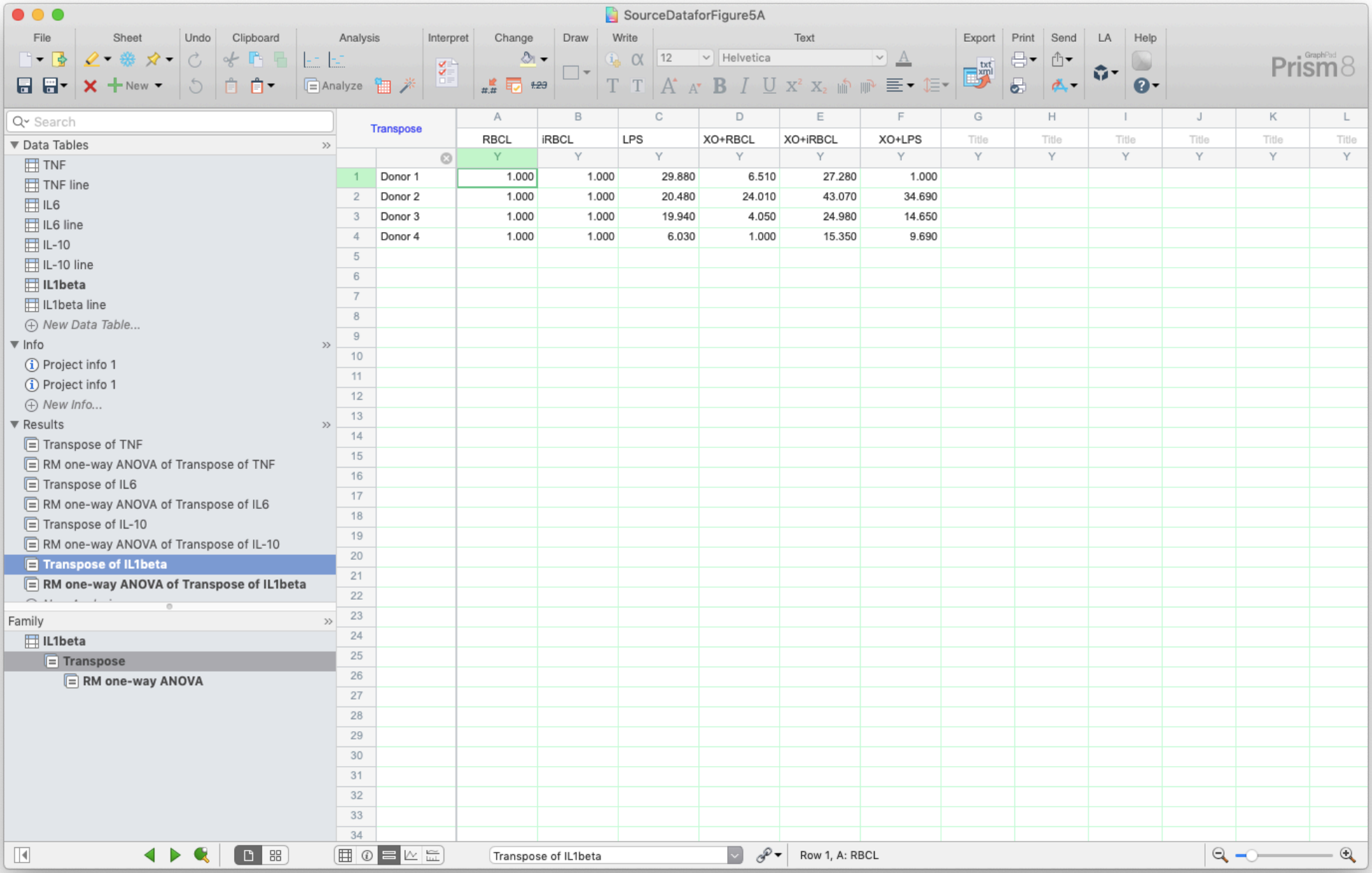
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IL-10 line
IL1beta
IL1beta line
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Project info 1
New Info...
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RM one-way ANOVA of Transpose of TNF
Transpose of IL6
RM one-way ANOVA of Transpose of IL6
Transpose of IL-10
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
Family
IL1beta
Transpose
RM one-way ANOVA
Transpose
A
B
C
D
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I
J
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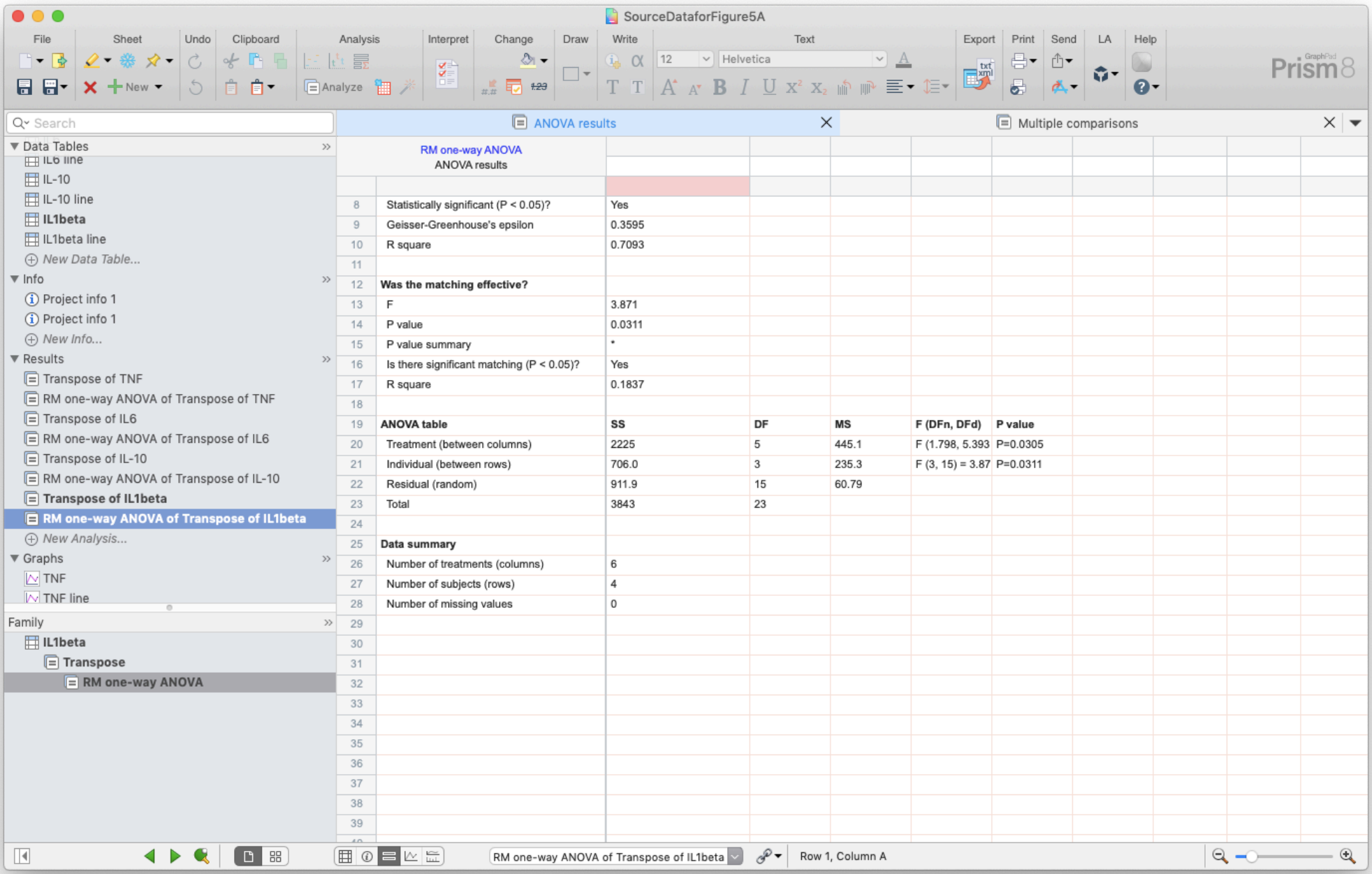
L
RBCL
iRBCL
LPS
XO+RBCL
XO+iRBCL
XO+LPS
Title
Y
1 Donor 1 1.000 1.000 29.880 6.510 27.280 1.000
2 Donor 2 1.000 1.000 20.480 24.010 43.070 34.690
3 Donor 3 1.000 1.000 19.940 4.050 24.980 14.650
4 Donor 4 1.000 1.000 6.030 1.000 15.350 9.690
Transpose of IL1beta
Row 1, A: RBCL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ANOVA results
Multiple comparisons
Data Tables
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IL-10
IL-10 line
IL1beta
IL1beta line
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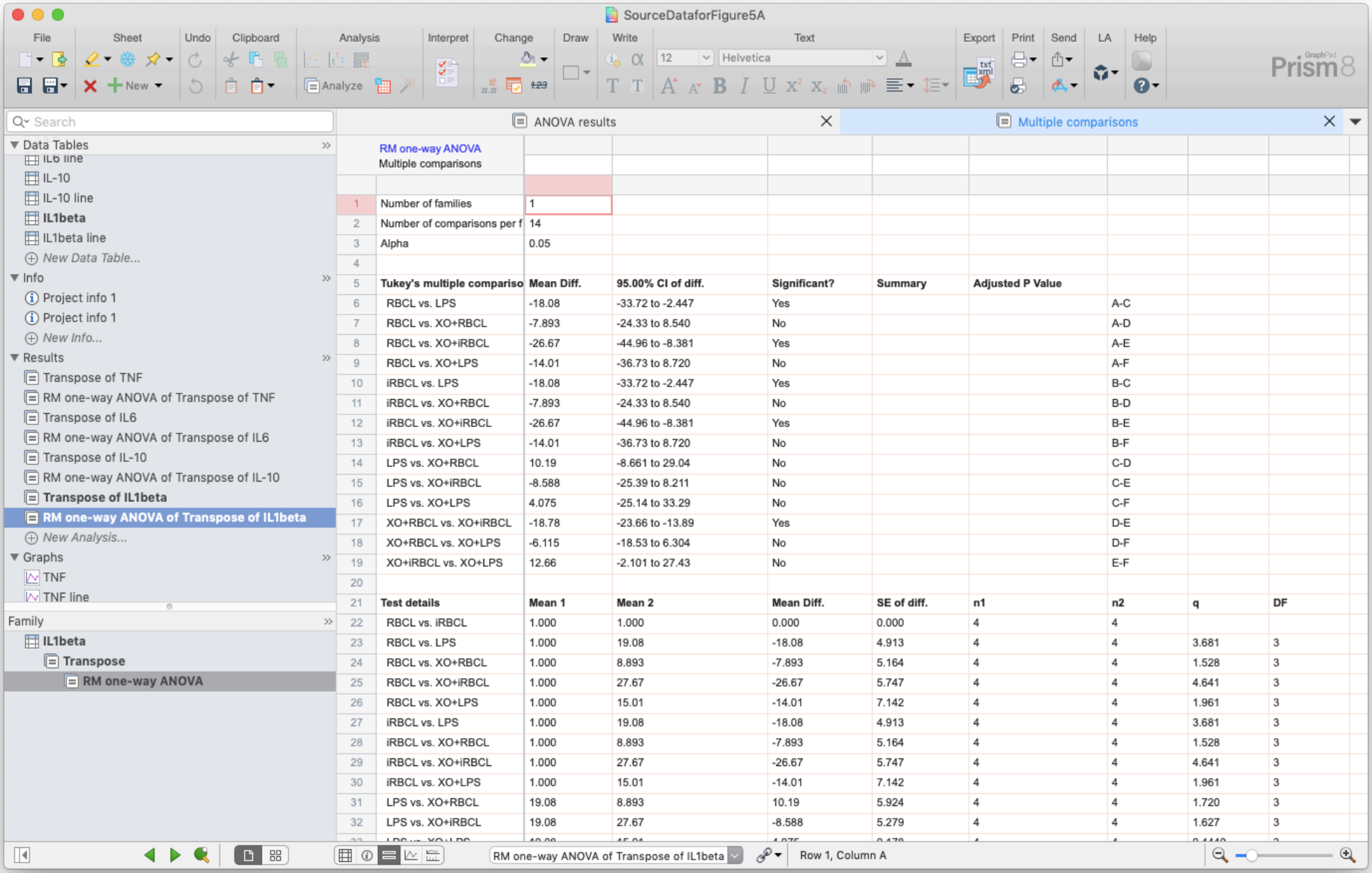
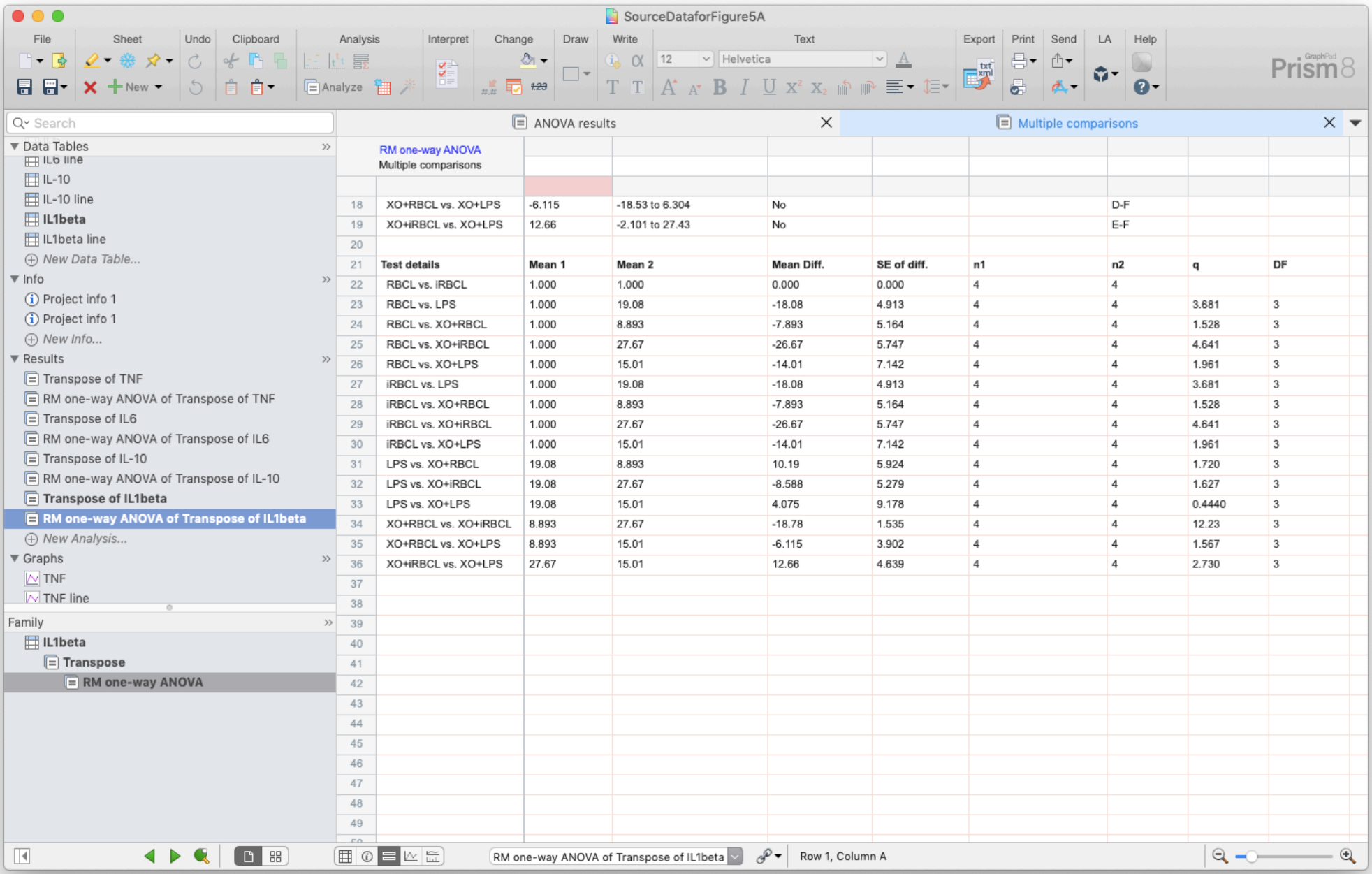
RM one-way ANOVA of Transpose of IL-10
Transpose of IL1beta
RM one-way ANOVA of Transpose of IL1beta
New Analysis...
Graphs
TNF
TNF line
Family
IL1beta
Transpose
RM one-way ANOVA
RM one-way ANOVA
ANOVA results
Statistically significant (P < 0.05)? Yes
Geisser-Greenhouse's epsilon 0.3595
R square 0.7093
Was the matching effective?
F 3.871
P value 0.0311
P value summary *
Is there significant matching (P < 0.05)? Yes
R square 0.1837
ANOVA table | SS | DF | MS | F (DFn, DFd) | P value
Treatment (between columns) | 2225 | 5 | 445.1 | F (1.798, 5.393) | P=0.0305
Individual (between rows) | 706.0 | 3 | 235.3 | F (3, 15) = 3.87 | P=0.0311
Residual (random) | 911.9 | 15 | 60.79
Total | 3843 | 23
Data summary
Number of treatments (columns) 6
Number of subjects (rows) 4
Number of missing values 0
RM one-way ANOVA of Transpose of IL1beta
Row 1, Column A

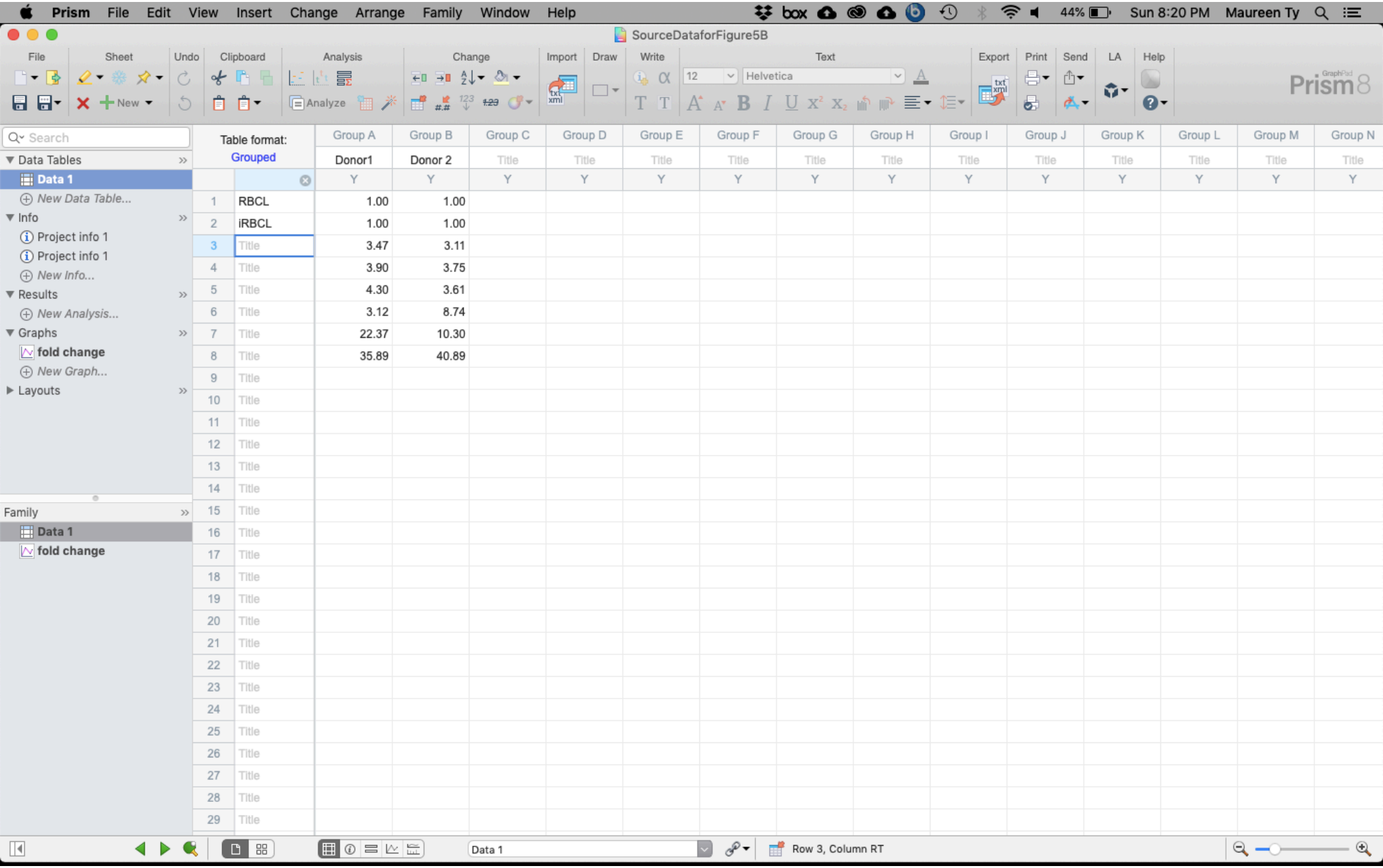


RM one-way ANOVA
Multiple comparisons

1	Number of families	1								
2	Number of comparisons per f	14								
3	Alpha	0.05								
4										
5	**Tukey's multiple compariso**	**Mean Diff.**	**95.00% CI of diff.**	**Significant?**	**Summary**	**Adjusted P Value**				
6	RBCL vs. LPS	-18.08	-33.72 to -2.447	Yes			A-C			
7	RBCL vs. XO+RBCL	-7.893	-24.33 to 8.540	No			A-D			
8	RBCL vs. XO+iRBCL	-26.67	-44.96 to -8.381	Yes			A-E			
9	RBCL vs. XO+LPS	-14.01	-36.73 to 8.720	No			A-F			
10	iRBCL vs. LPS	-18.08	-33.72 to -2.447	Yes			B-C			
11	iRBCL vs. XO+RBCL	-7.893	-24.33 to 8.540	No			B-D			
12	iRBCL vs. XO+iRBCL	-26.67	-44.96 to -8.381	Yes			B-E			
13	iRBCL vs. XO+LPS	-14.01	-36.73 to 8.720	No			B-F			
14	LPS vs. XO+RBCL	10.19	-8.661 to 29.04	No			C-D			
15	LPS vs. XO+iRBCL	-8.588	-25.39 to 8.211	No			C-E			
16	LPS vs. XO+LPS	4.075	-25.14 to 33.29	No			C-F			
17	XO+RBCL vs. XO+iRBCL	-18.78	-23.66 to -13.89	Yes			D-E			
18	XO+RBCL vs. XO+LPS	-6.115	-18.53 to 6.304	No			D-F			
19	XO+iRBCL vs. XO+LPS	12.66	-2.101 to 27.43	No			E-F			
20										
21	**Test details**	**Mean 1**	**Mean 2**	**Mean Diff.**	**SE of diff.**	**n1**	**n2**	**q**	**DF**	
22	RBCL vs. iRBCL	1.000	1.000	0.000	0.000	4	4			
23	RBCL vs. LPS	1.000	19.08	-18.08	4.913	4	4	3.681	3	
24	RBCL vs. XO+RBCL	1.000	8.893	-7.893	5.164	4	4	1.528	3	
25	RBCL vs. XO+iRBCL	1.000	27.67	-26.67	5.747	4	4	4.641	3	
26	RBCL vs. XO+LPS	1.000	15.01	-14.01	7.142	4	4	1.961	3	
27	iRBCL vs. LPS	1.000	19.08	-18.08	4.913	4	4	3.681	3	
28	iRBCL vs. XO+RBCL	1.000	8.893	-7.893	5.164	4	4	1.528	3	
29	iRBCL vs. XO+iRBCL	1.000	27.67	-26.67	5.747	4	4	4.641	3	
30	iRBCL vs. XO+LPS	1.000	15.01	-14.01	7.142	4	4	1.961	3	
31	LPS vs. XO+RBCL	19.08	8.893	10.19	5.924	4	4	1.720	3	
32	LPS vs. XO+iRBCL	19.08	27.67	-8.588	5.279	4	4	1.627	3	



18	XO+RBCL vs. XO+LPS	-6.115	-18.53 to 6.304	No			D-F		
19	XO+iRBCL vs. XO+LPS	12.66	-2.101 to 27.43	No			E-F		
20									
21	**Test details**	**Mean 1**	**Mean 2**	**Mean Diff.**	**SE of diff.**	**n1**	**n2**	**q**	**DF**
22	RBCL vs. iRBCL	1.000	1.000	0.000	0.000	4	4		
23	RBCL vs. LPS	1.000	19.08	-18.08	4.913	4	4	3.681	3
24	RBCL vs. XO+RBCL	1.000	8.893	-7.893	5.164	4	4	1.528	3
25	RBCL vs. XO+iRBCL	1.000	27.67	-26.67	5.747	4	4	4.641	3
26	RBCL vs. XO+LPS	1.000	15.01	-14.01	7.142	4	4	1.961	3
27	iRBCL vs. LPS	1.000	19.08	-18.08	4.913	4	4	3.681	3
28	iRBCL vs. XO+RBCL	1.000	8.893	-7.893	5.164	4	4	1.528	3
29	iRBCL vs. XO+iRBCL	1.000	27.67	-26.67	5.747	4	4	4.641	3
30	iRBCL vs. XO+LPS	1.000	15.01	-14.01	7.142	4	4	1.961	3
31	LPS vs. XO+RBCL	19.08	8.893	10.19	5.924	4	4	1.720	3
32	LPS vs. XO+iRBCL	19.08	27.67	-8.588	5.279	4	4	1.627	3
33	LPS vs. XO+LPS	19.08	15.01	4.075	9.178	4	4	0.4440	3
34	XO+RBCL vs. XO+iRBCL	8.893	27.67	-18.78	1.535	4	4	12.23	3
35	XO+RBCL vs. XO+LPS	8.893	15.01	-6.115	3.902	4	4	1.567	3
36	XO+iRBCL vs. XO+LPS	27.67	15.01	12.66	4.639	4	4	2.730	3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Data 1
fold change
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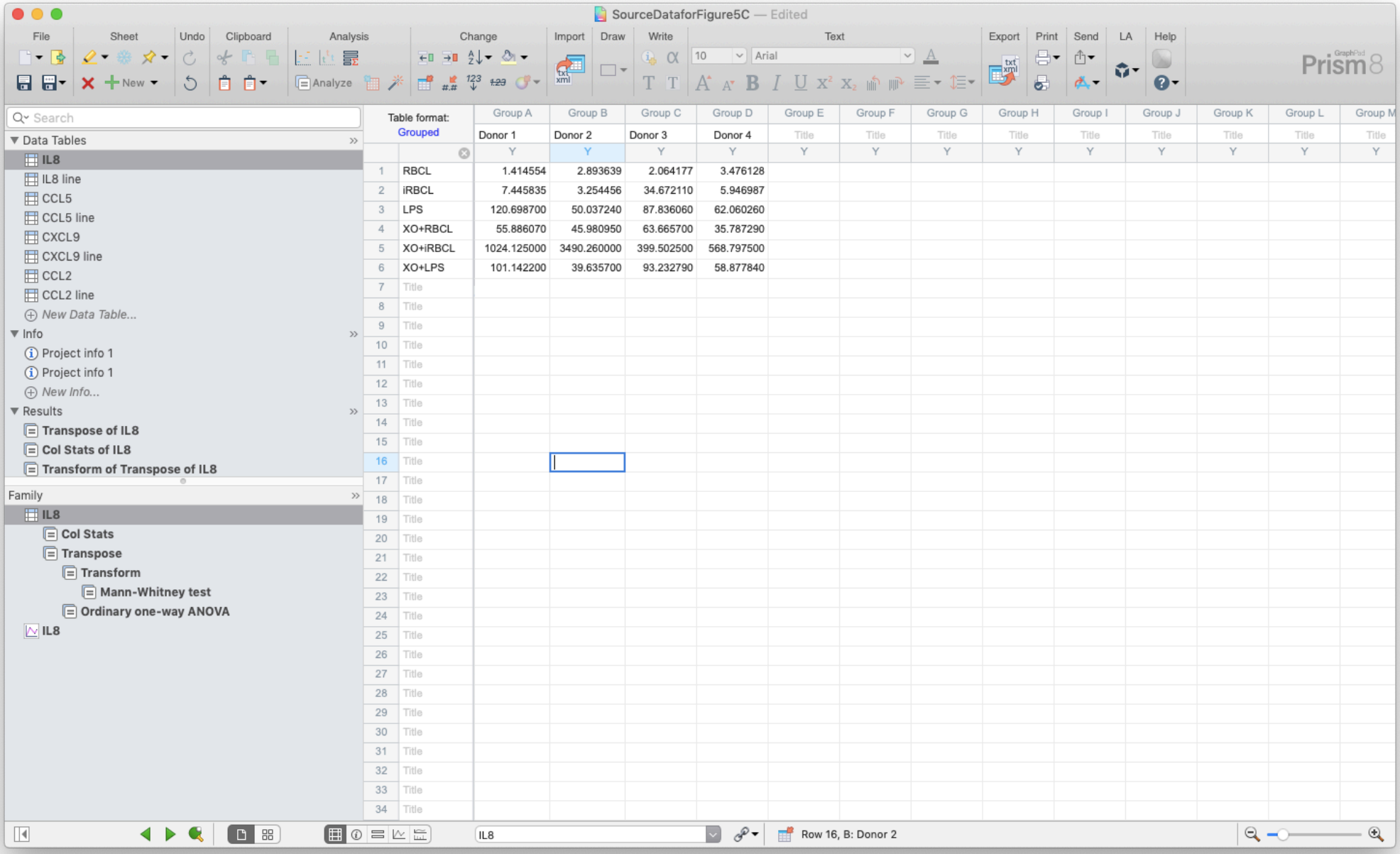
Group A Group B Group C Group D Group E Group F Group G Group H Group I Group J Group K Group L Group M Group N
Donor1 Donor 2
RBCL 1.00 1.00
iRBCL 1.00 1.00
3.47 3.11
3.90 3.75
4.30 3.61
3.12 8.74
22.37 10.30
35.89 40.89
Data 1
Row 3, Column RT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Mann-Whitney test
Ordinary one-way ANOVA
IL8
Table format:
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Group A
Group B
Group C
Group D
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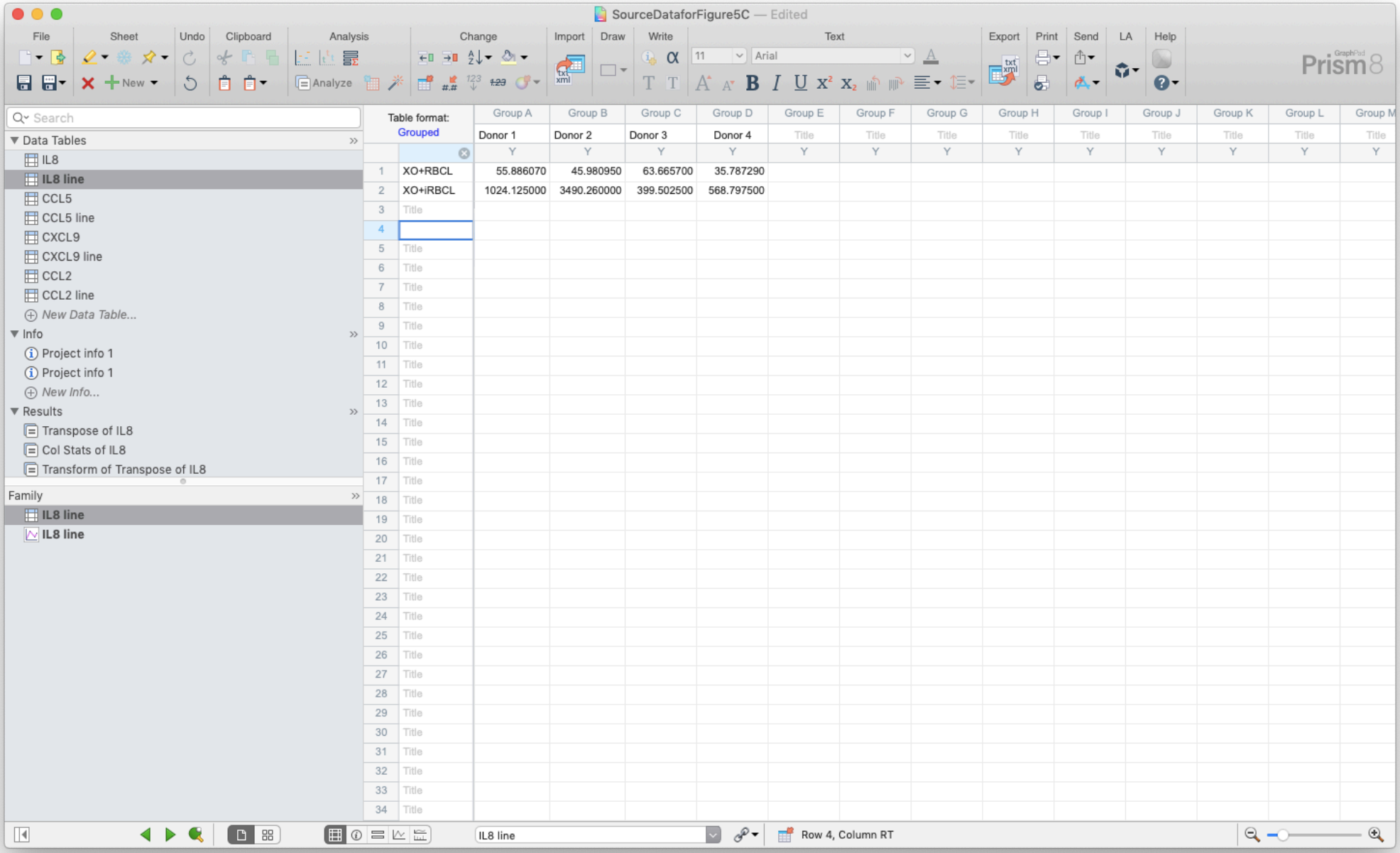
Donor 2
Donor 3
Donor 4
RBCL 1.414554 2.893639 2.064177 3.476128
iRBCL 7.445835 3.254456 34.672110 5.946987
LPS 120.698700 50.037240 87.836060 62.060260
XO+RBCL 55.886070 45.980950 63.665700 35.787290
XO+iRBCL 1024.125000 3490.260000 399.502500 568.797500
XO+LPS 101.142200 39.635700 93.232790 58.877840
Row 16, B: Donor 2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Group H
Group I
Group J
Group K
Group L
Group M
Donor 1
Donor 2
Donor 3
Donor 4
Title
Y
1 XO+RBCL 55.886070 45.980950 63.665700 35.787290
2 XO+iRBCL 1024.125000 3490.260000 399.502500 568.797500
IL8 line
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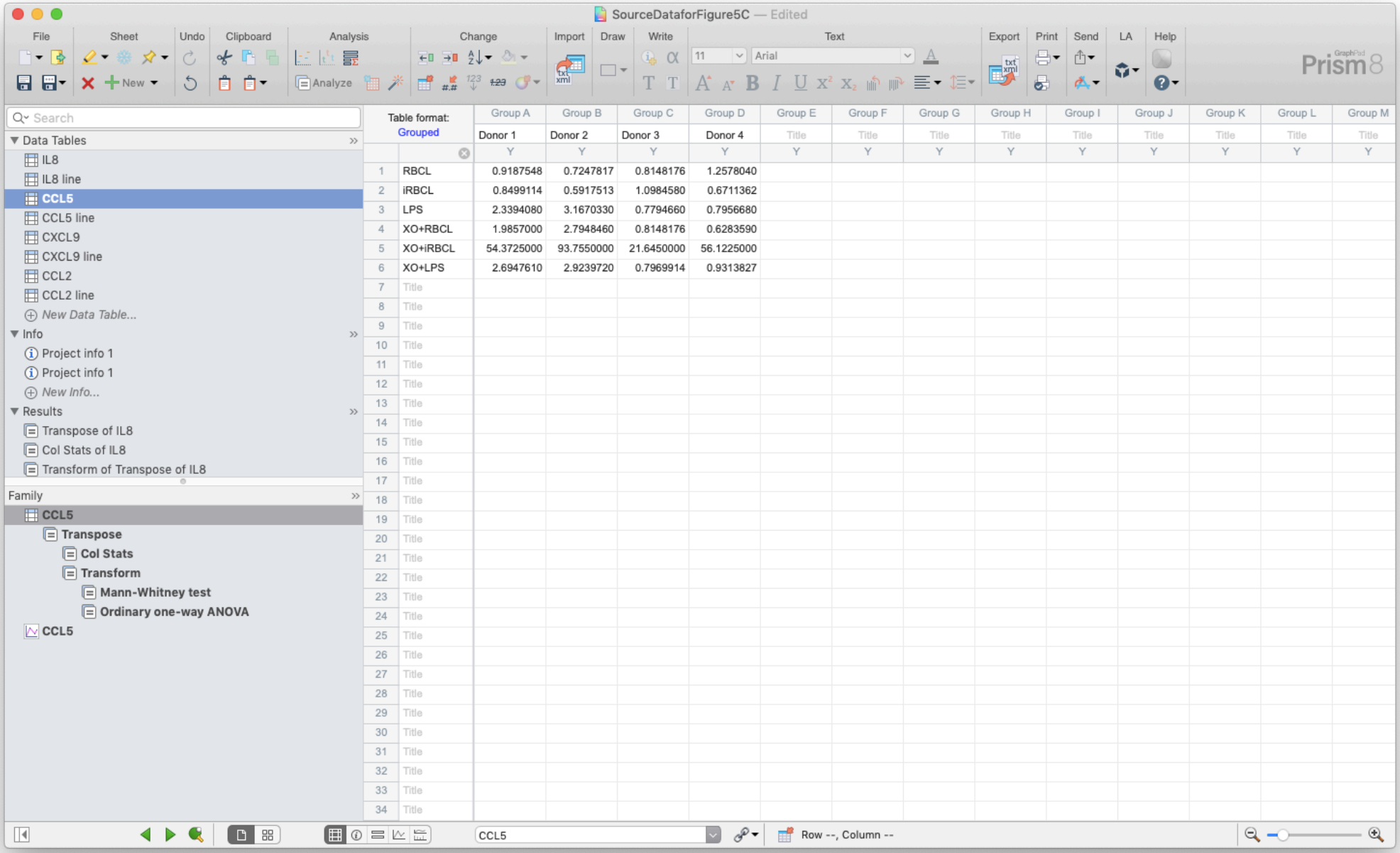
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Mann-Whitney test
Ordinary one-way ANOVA
CCL5
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Group E
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Group G
Group H
Group I
Group J
Group K
Group L
Group M
Donor 1
Donor 2
Donor 3
Donor 4
Title
Y
1 RBCL 0.9187548 0.7247817 0.8148176 1.2578040
2 iRBCL 0.8499114 0.5917513 1.0984580 0.6711362
3 LPS 2.3394080 3.1670330 0.7794660 0.7956680
4 XO+RBCL 1.9857000 2.7948460 0.8148176 0.6283590
5 XO+iRBCL 54.3725000 93.7550000 21.6450000 56.1225000
6 XO+LPS 2.6947610 2.9239720 0.7969914 0.9313827
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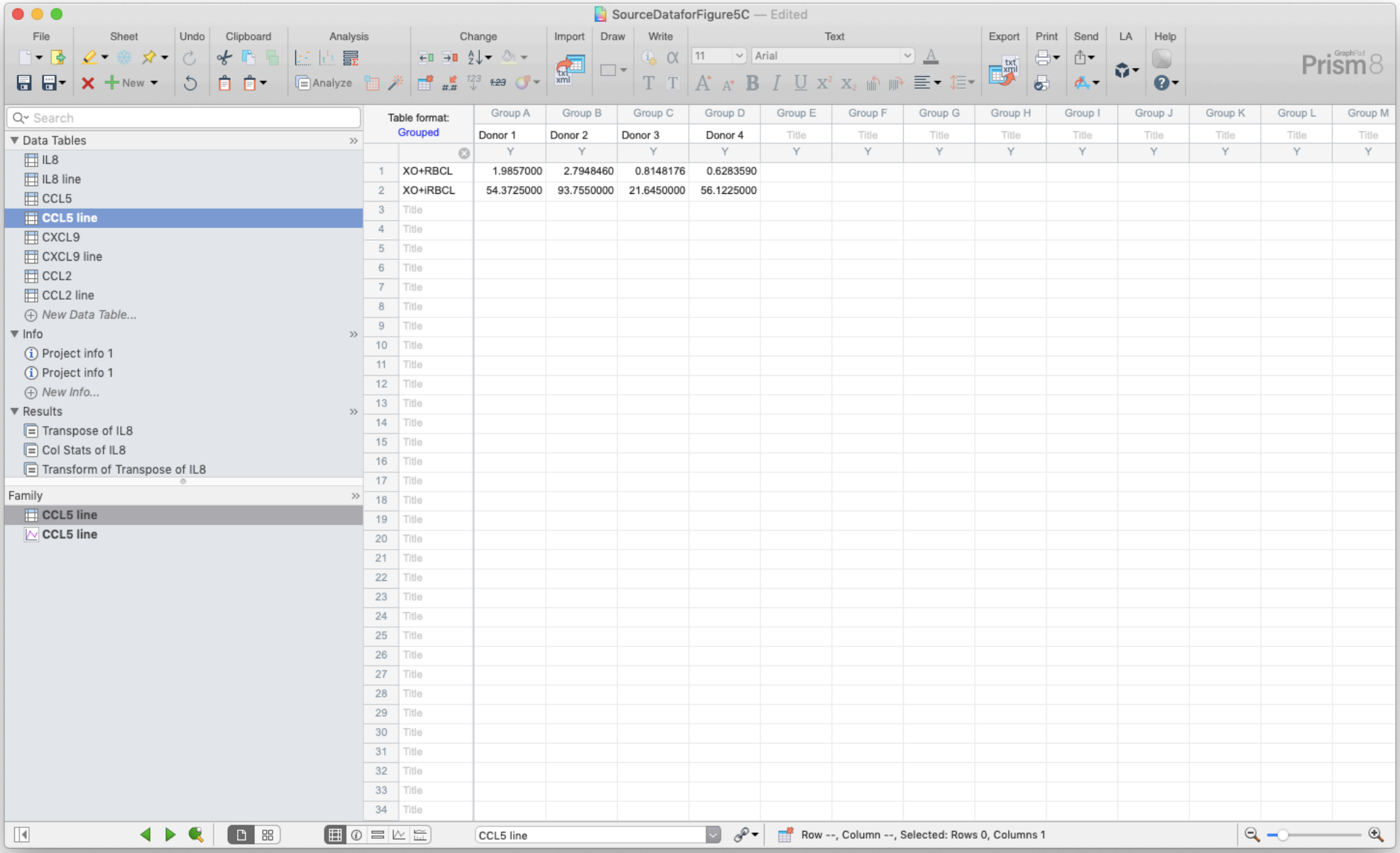
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Donor 2
Donor 3
Donor 4
Title
Y
1 XO+RBCL 1.9857000 2.7948460 0.8148176 0.6283590
2 XO+iRBCL 54.3725000 93.7550000 21.6450000 56.1225000
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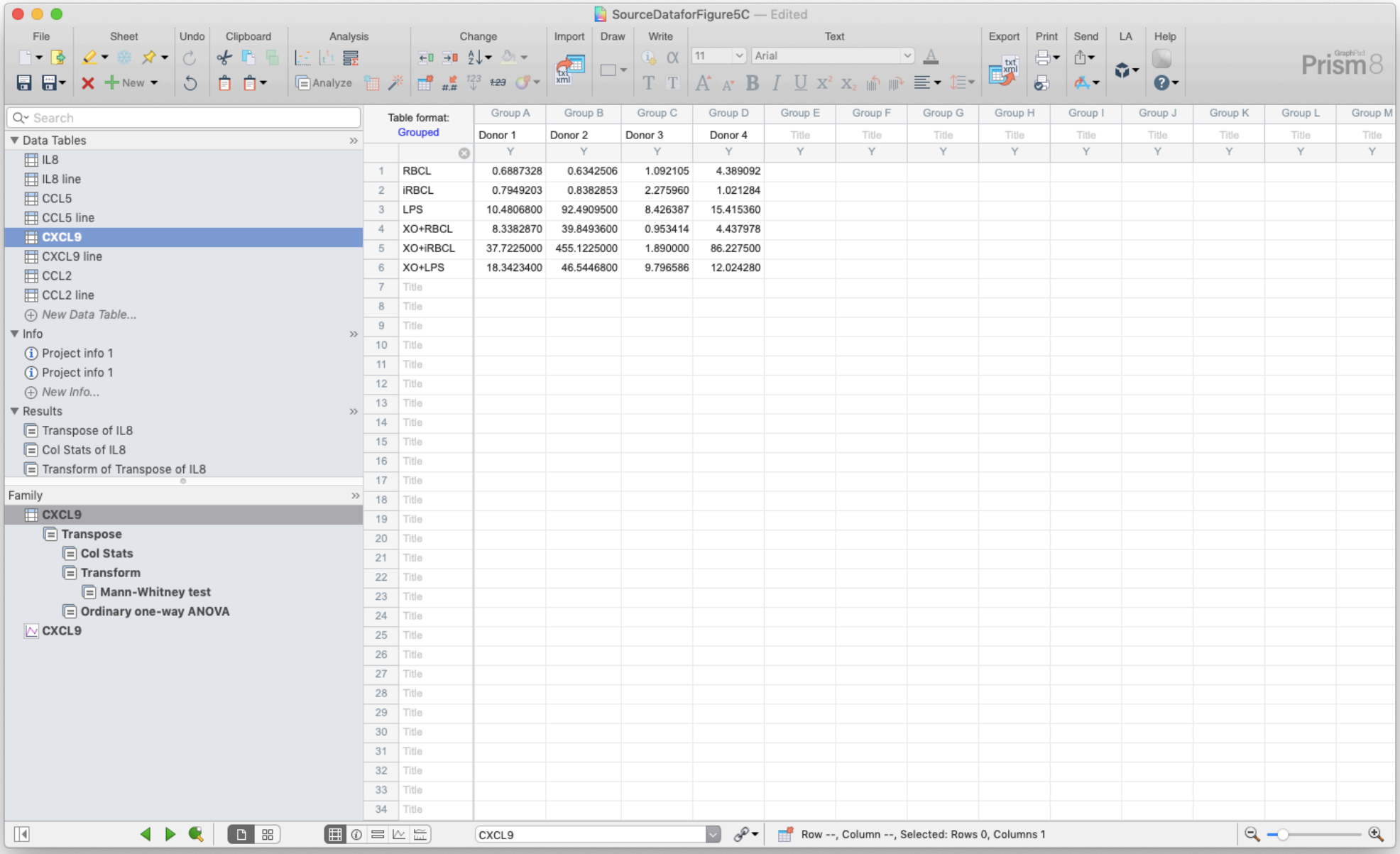
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Transpose
Col Stats
Transform
Mann-Whitney test
Ordinary one-way ANOVA
CXCL9
Table format:
Grouped
Group A Group B Group C Group D Group E Group F Group G Group H Group I Group J Group K Group L Group M
Donor 1 Donor 2 Donor 3 Donor 4 Title Title Title Title Title Title Title Title Title
Y Y Y Y Y Y Y Y Y Y Y Y Y
1 RBCL 0.6887328 0.6342506 1.092105 4.389092
2 iRBCL 0.7949203 0.8382853 2.275960 1.021284
3 LPS 10.4806800 92.4909500 8.426387 15.415360
4 XO+RBCL 8.3382870 39.8493600 0.953414 4.437978
5 XO+iRBCL 37.7225000 455.1225000 1.890000 86.227500
6 XO+LPS 18.3423400 46.5446800 9.796586 12.024280
7 Title
8 Title
9 Title
10 Title
11 Title
12 Title
13 Title
14 Title
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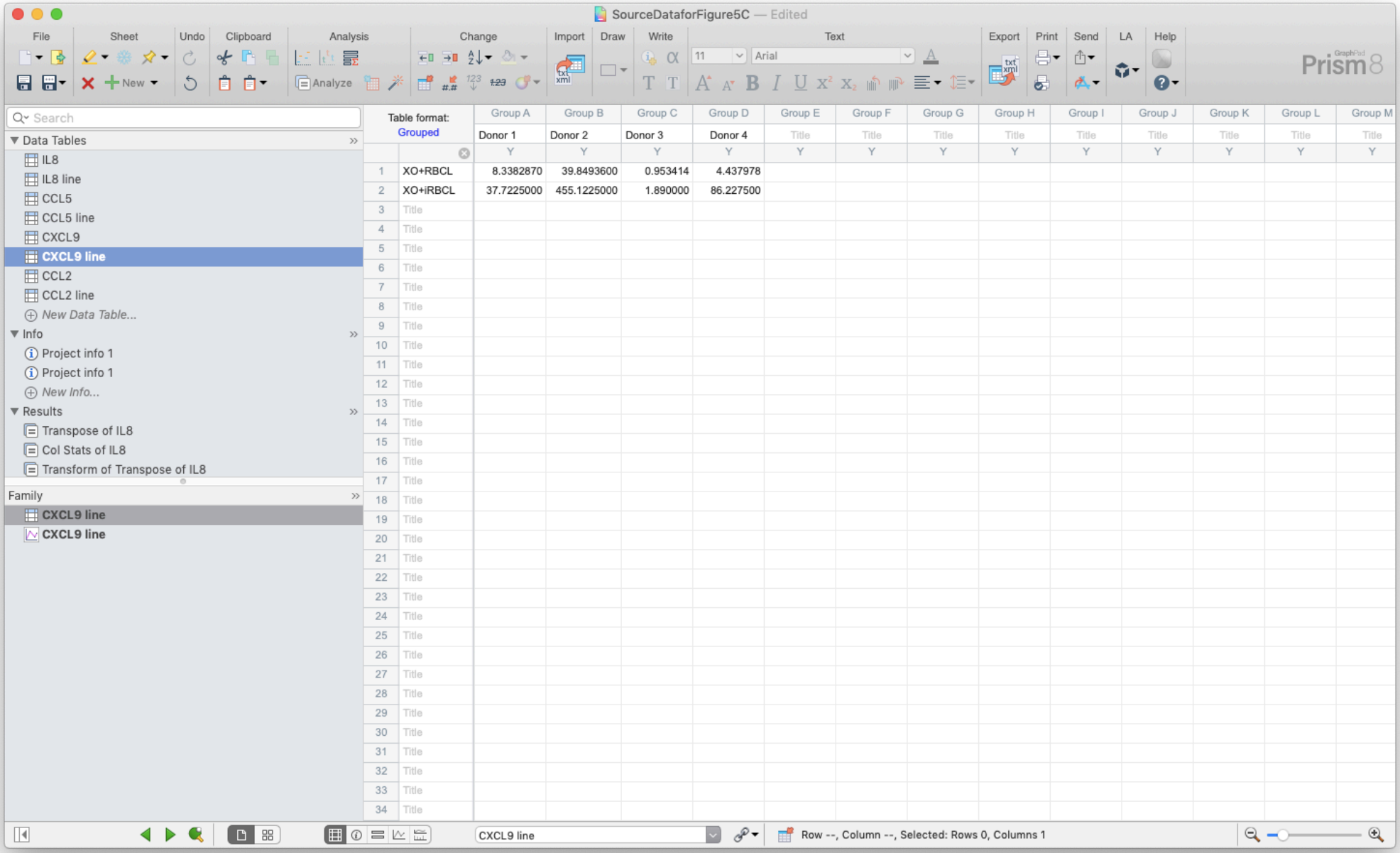
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Donor 1
Donor 2
Donor 3
Donor 4
Title
Y
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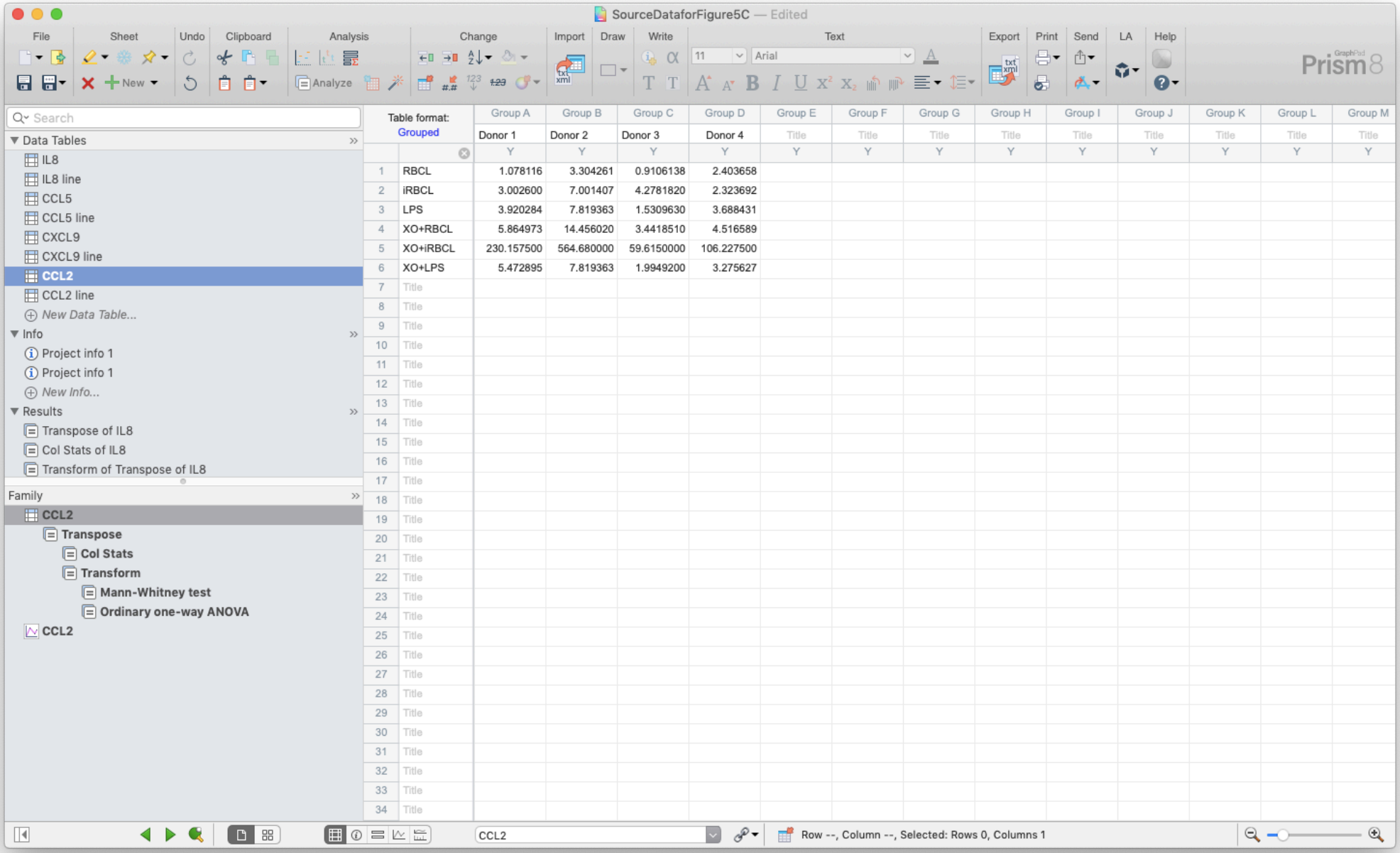
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Group B
Group C
Group D
Group E
Group F
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Group H
Group I
Group J
Group K
Group L
Group M
Donor 1
Donor 2
Donor 3
Donor 4
Title
Y
1 RBCL 1.078116 3.304261 0.9106138 2.403658
2 iRBCL 3.002600 7.001407 4.2781820 2.323692
3 LPS 3.920284 7.819363 1.5309630 3.688431
4 XO+RBCL 5.864973 14.456020 3.4418510 4.516589
5 XO+iRBCL 230.157500 564.680000 59.6150000 106.227500
6 XO+LPS 5.472895 7.819363 1.9949200 3.275627
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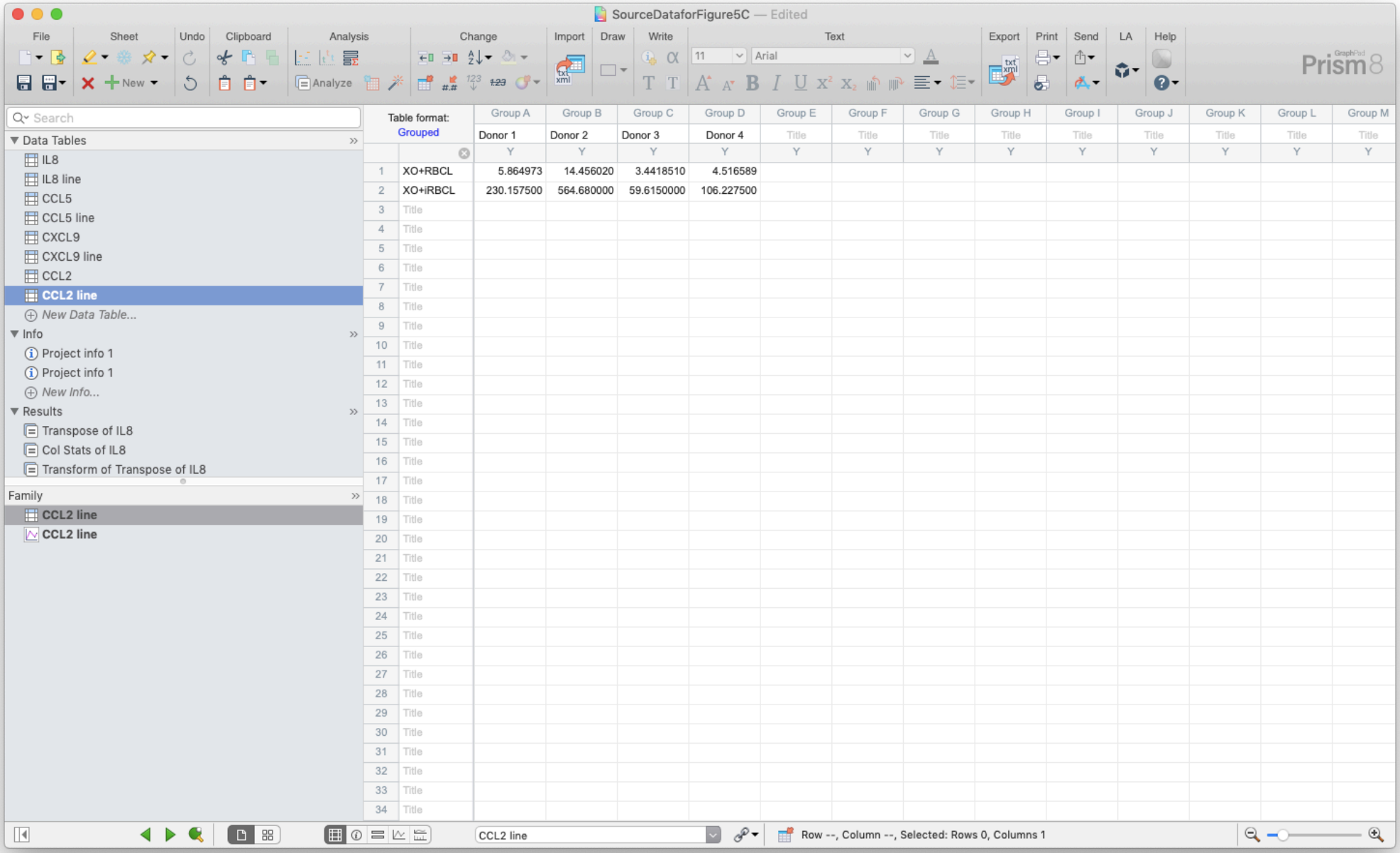
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Group L
Group M
Donor 1
Donor 2
Donor 3
Donor 4
Title
Y
1 XO+RBCL 5.864973 14.456020 3.4418510 4.516589
2 XO+iRBCL 230.157500 564.680000 59.6150000 106.227500
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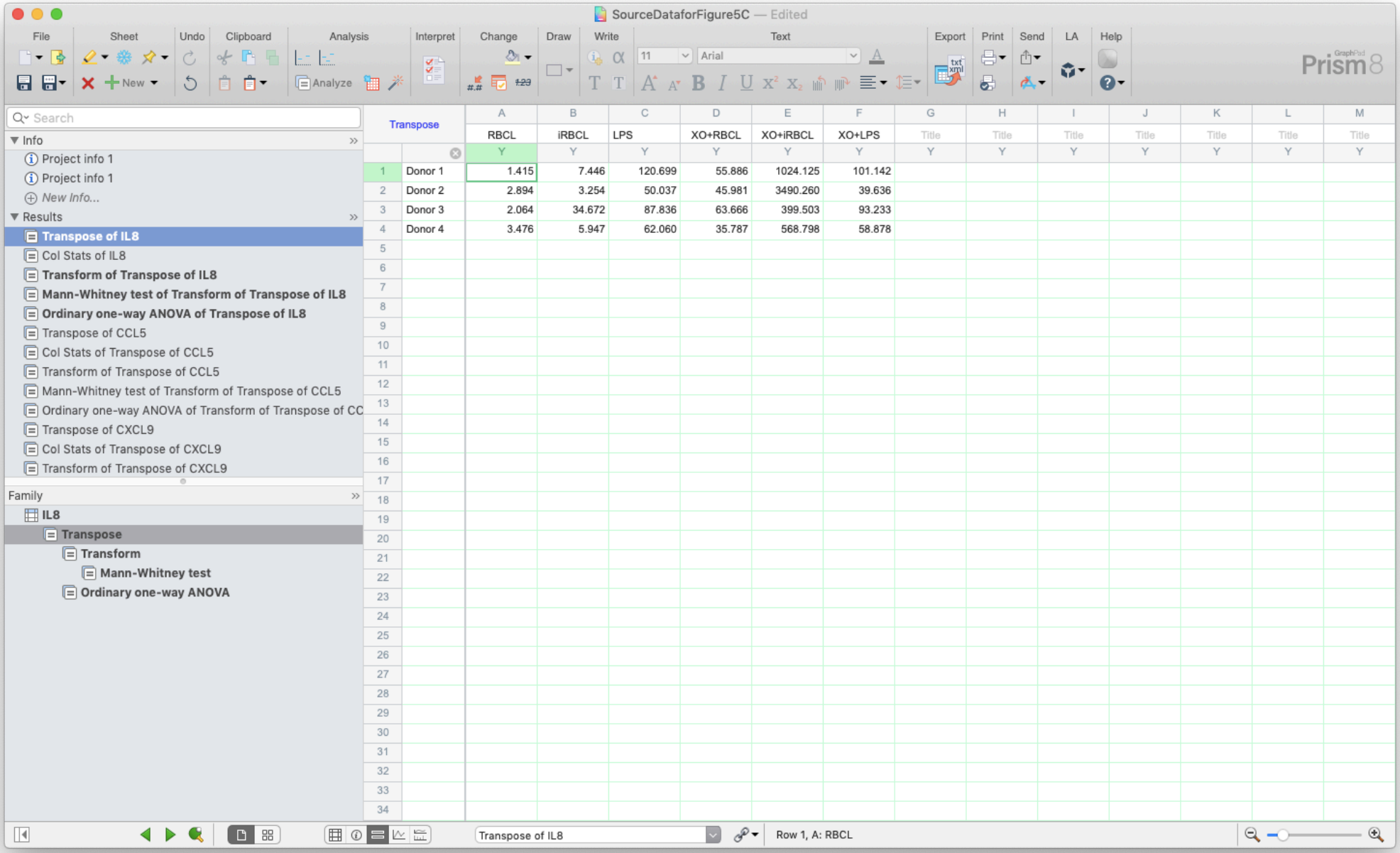
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Transform
Mann-Whitney test
Ordinary one-way ANOVA
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iRBCL
LPS
XO+RBCL
XO+iRBCL
XO+LPS
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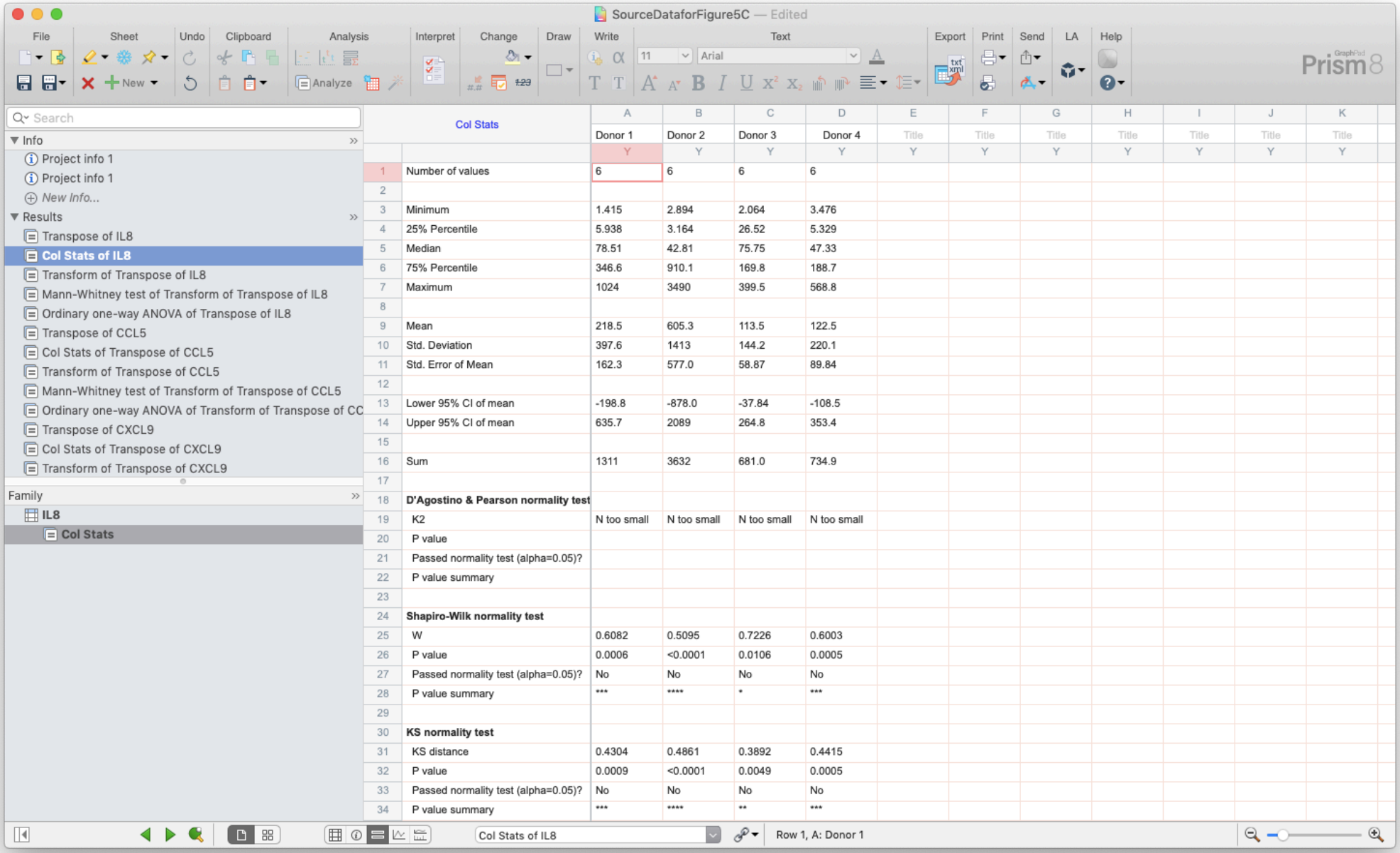
Donor 2 2.894 3.254 50.037 45.981 3490.260 39.636
Donor 3 2.064 34.672 87.836 63.666 399.503 93.233
Donor 4 3.476 5.947 62.060 35.787 568.798 58.878
Transpose of IL8
Row 1, A: RBCL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Prism 8
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Transpose of IL8
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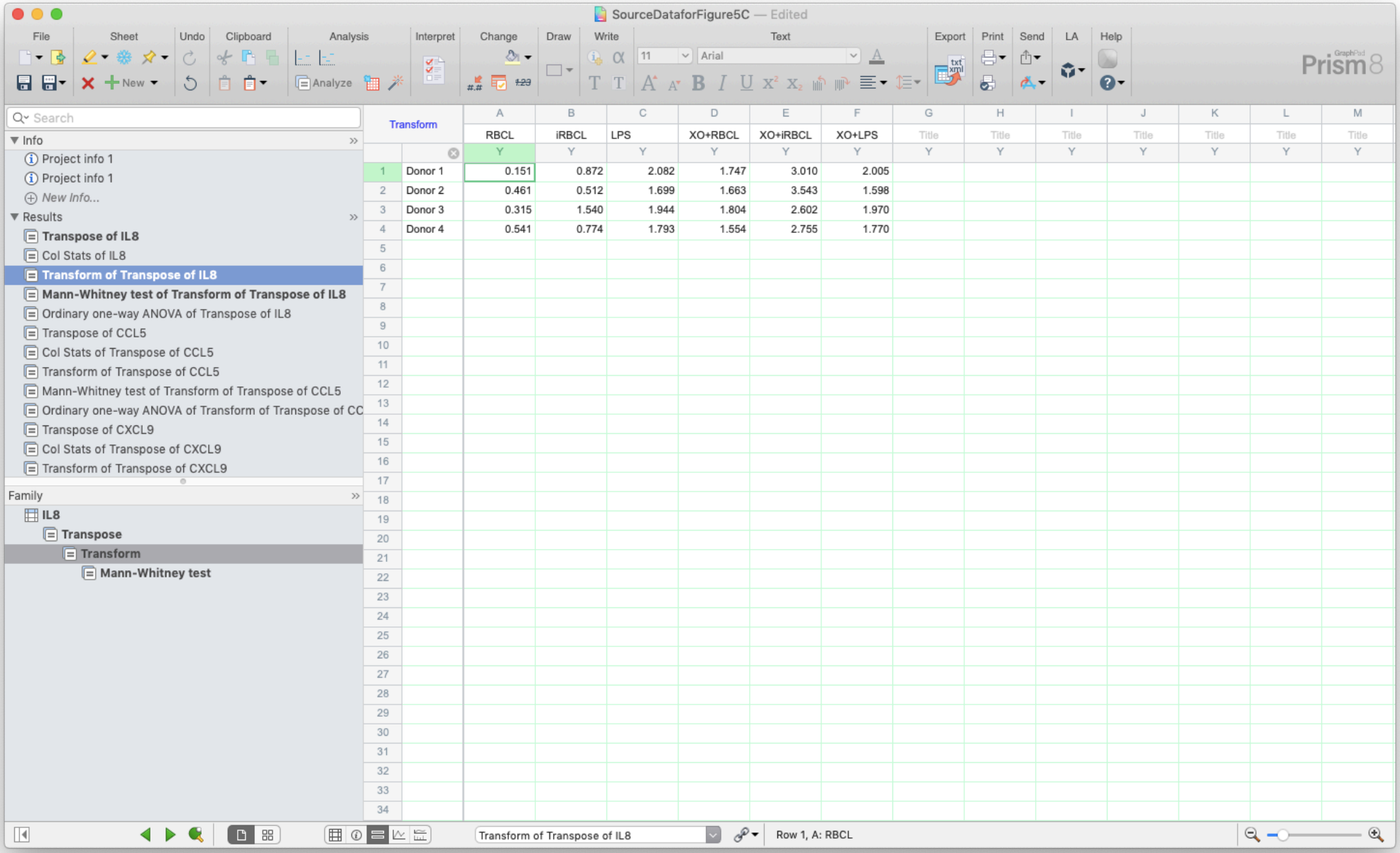
Col Stats of Transpose of CCL5
Transform of Transpose of CCL5
Mann-Whitney test of Transform of Transpose of CCL5
Ordinary one-way ANOVA of Transform of Transpose of CC
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Family
IL8
Col Stats
Col Stats
Donor 1
Donor 2
Donor 3
Donor 4
Number of values 6 6 6 6
Minimum 1.415 2.894 2.064 3.476
25% Percentile 5.938 3.164 26.52 5.329
Median 78.51 42.81 75.75 47.33
75% Percentile 346.6 910.1 169.8 188.7
Maximum 1024 3490 399.5 568.8
Mean 218.5 605.3 113.5 122.5
Std. Deviation 397.6 1413 144.2 220.1
Std. Error of Mean 162.3 577.0 58.87 89.84
Lower 95% CI of mean -198.8 -878.0 -37.84 -108.5
Upper 95% CI of mean 635.7 2089 264.8 353.4
Sum 1311 3632 681.0 734.9
D'Agostino & Pearson normality test
K2 N too small N too small N too small N too small
P value
Passed normality test (alpha=0.05)?
P value summary
Shapiro-Wilk normality test
W 0.6082 0.5095 0.7226 0.6003
P value 0.0006 <0.0001 0.0106 0.0005
Passed normality test (alpha=0.05)? No No No No
P value summary *** **** * ***
KS normality test
KS distance 0.4304 0.4861 0.3892 0.4415
P value 0.0009 <0.0001 0.0049 0.0005
Passed normality test (alpha=0.05)? No No No No
P value summary *** **** ** ***
Col Stats of IL8
Row 1, A: Donor 1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Col Stats of Transpose of CCL5
Transform of Transpose of CCL5
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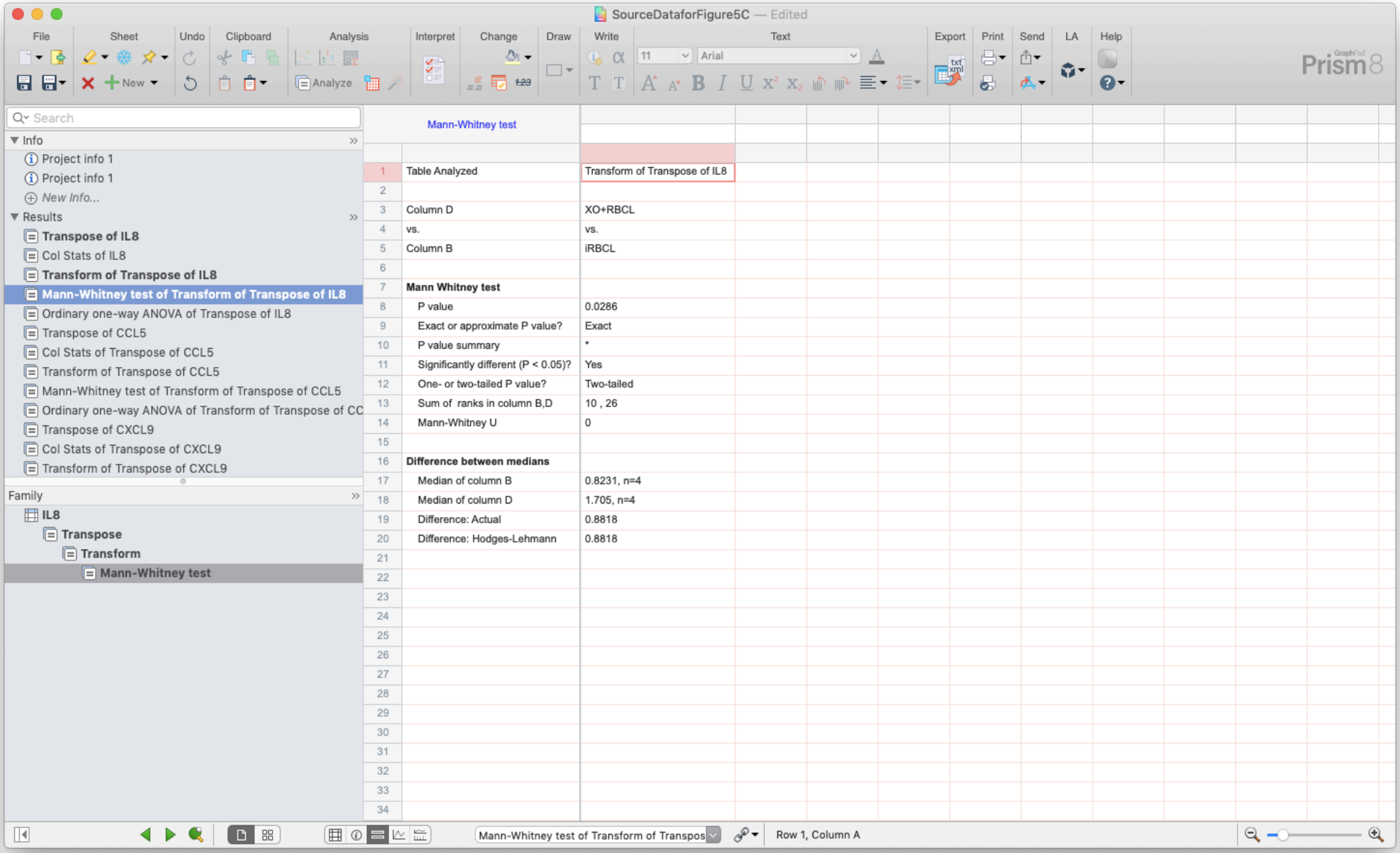
Ordinary one-way ANOVA of Transform of Transpose of CC
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Family
IL8
Transpose
Transform
Mann-Whitney test
Transform
RBCL
iRBCL
LPS
XO+RBCL
XO+iRBCL
XO+LPS
Donor 1 0.151 0.872 2.082 1.747 3.010 2.005
Donor 2 0.461 0.512 1.699 1.663 3.543 1.598
Donor 3 0.315 1.540 1.944 1.804 2.602 1.970
Donor 4 0.541 0.774 1.793 1.554 2.755 1.770
Transform of Transpose of IL8
Row 1, A: RBCL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Col Stats of Transpose of CCL5
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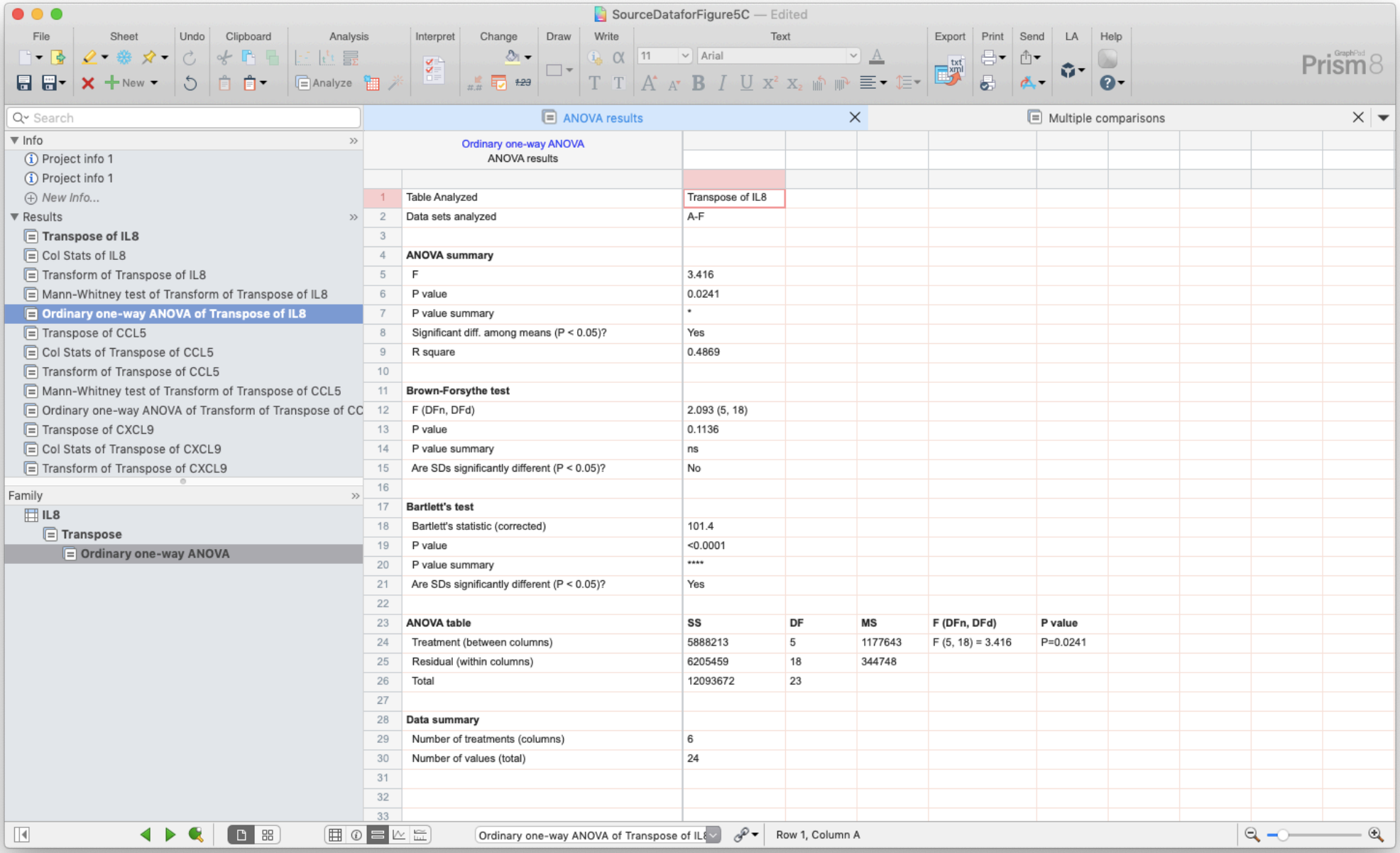
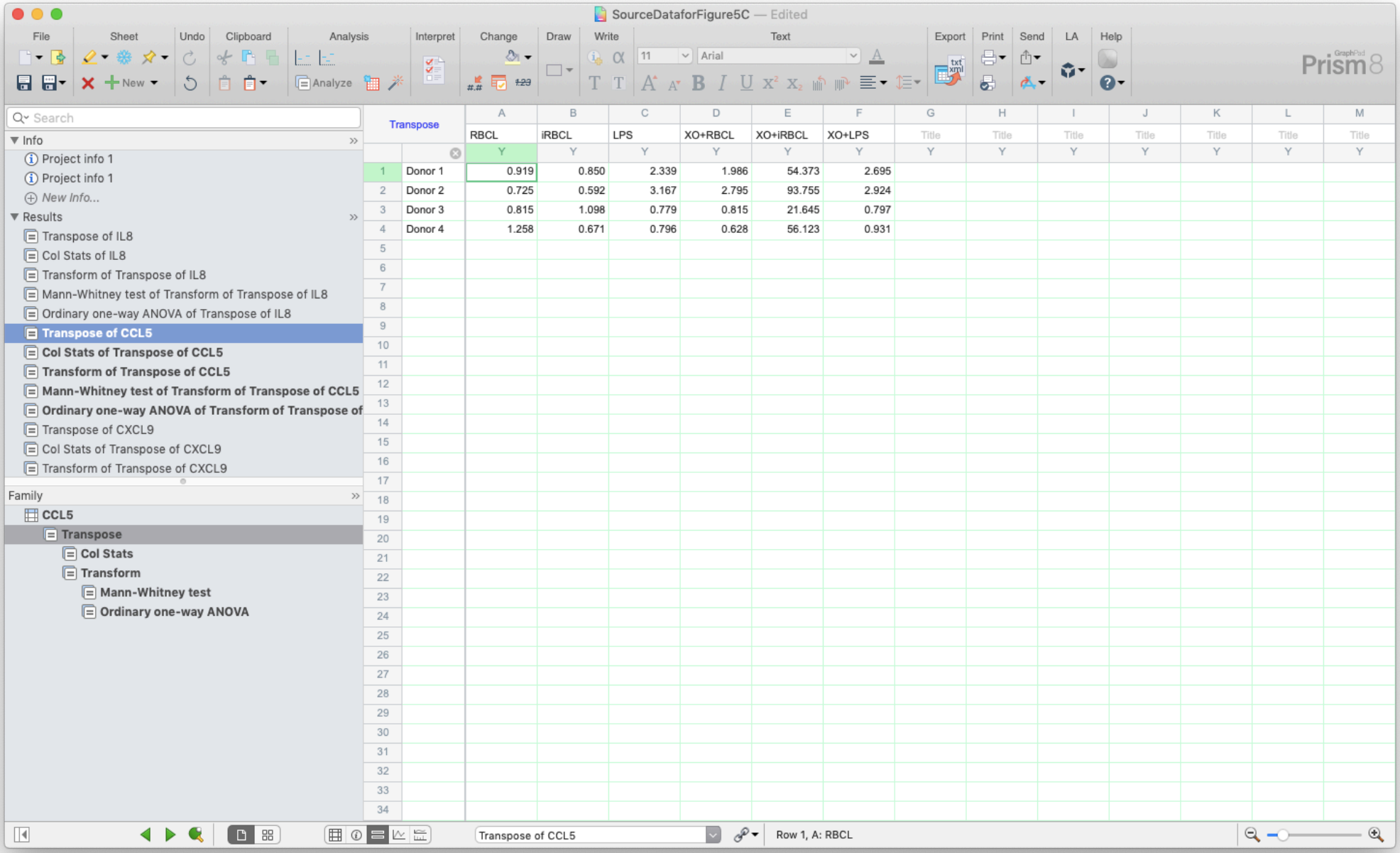
Mann-Whitney test of Transform of Transpose of CCL5
Ordinary one-way ANOVA of Transform of Transpose of CC
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Family
IL8
Transpose
Transform
Mann-Whitney test
Mann-Whitney test
Table Analyzed
Transform of Transpose of IL8
Column D
XO+RBCL
vs.
vs.
Column B
iRBCL
Mann Whitney test
P value
0.0286
Exact or approximate P value?
Exact
P value summary
*
Significantly different (P < 0.05)?
Yes
One- or two-tailed P value?
Two-tailed
Sum of ranks in column B,D
10 , 26
Mann-Whitney U
0
Difference between medians
Median of column B
0.8231, n=4
Median of column D
1.705, n=4
Difference: Actual
0.8818
Difference: Hodges-Lehmann
0.8818
Mann-Whitney test of Transform of Transpos
Row 1, Column A



	Ordinary one-way ANOVA ANOVA results					
1	Table Analyzed	Transpose of IL8				
2	Data sets analyzed	A-F				
3						
4	**ANOVA summary**					
5	F	3.416				
6	P value	0.0241				
7	P value summary	*				
8	Significant diff. among means (P < 0.05)?	Yes				
9	R square	0.4869				
10						
11	**Brown-Forsythe test**					
12	F (DFn, DFd)	2.093 (5, 18)				
13	P value	0.1136				
14	P value summary	ns				
15	Are SDs significantly different (P < 0.05)?	No				
16						
17	**Bartlett's test**					
18	Bartlett's statistic (corrected)	101.4				
19	P value	<0.0001				
20	P value summary	****				
21	Are SDs significantly different (P < 0.05)?	Yes				
22						
23	**ANOVA table**	**SS**	**DF**	**MS**	**F (DFn, DFd)**	**P value**
24	Treatment (between columns)	5888213	5	1177643	F (5, 18) = 3.416	P=0.0241
25	Residual (within columns)	6205459	18	344748		
26	Total	12093672	23			
27						
28	**Data summary**					
29	Number of treatments (columns)	6				
30	Number of values (total)	24				
31						
32						
33						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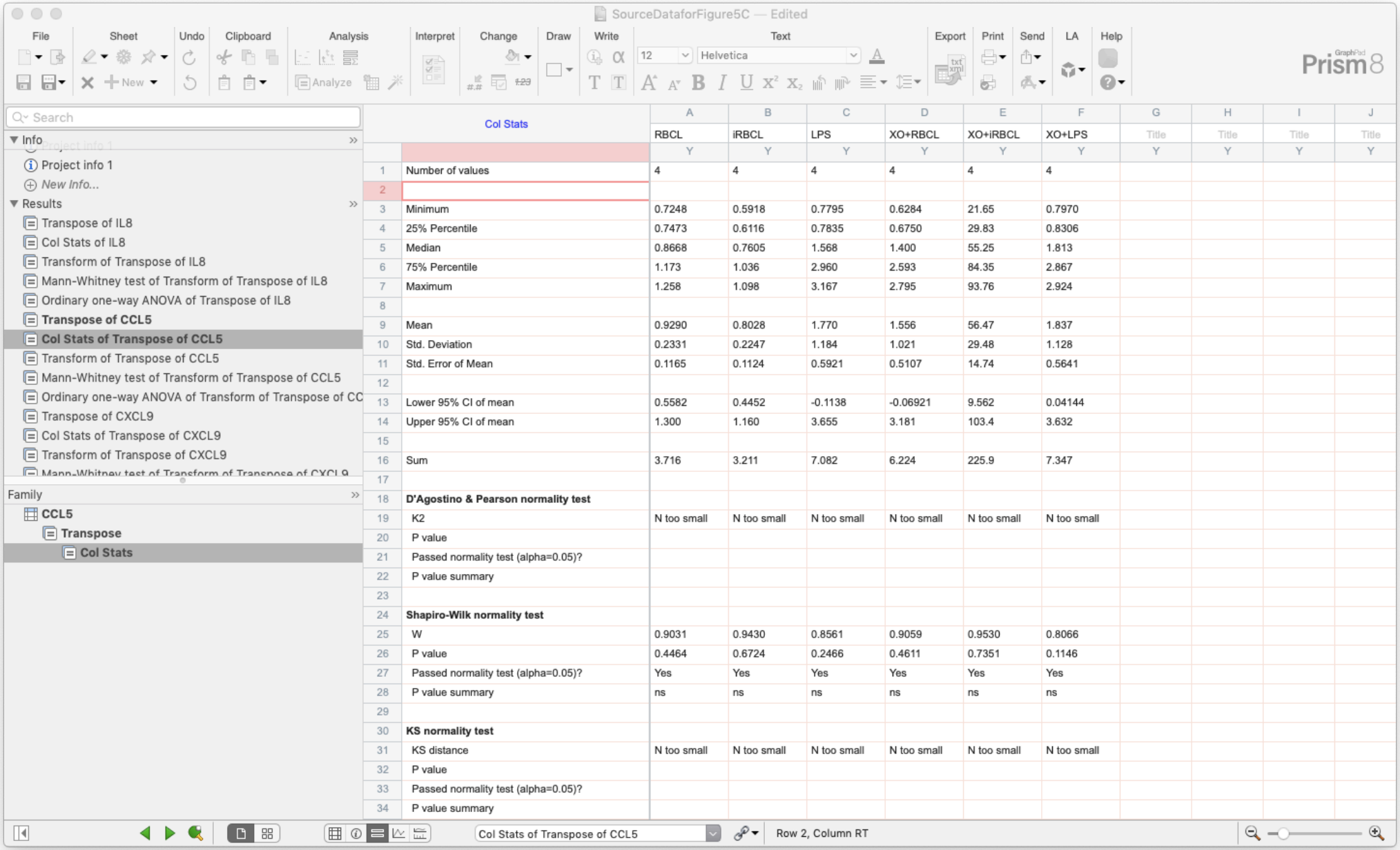
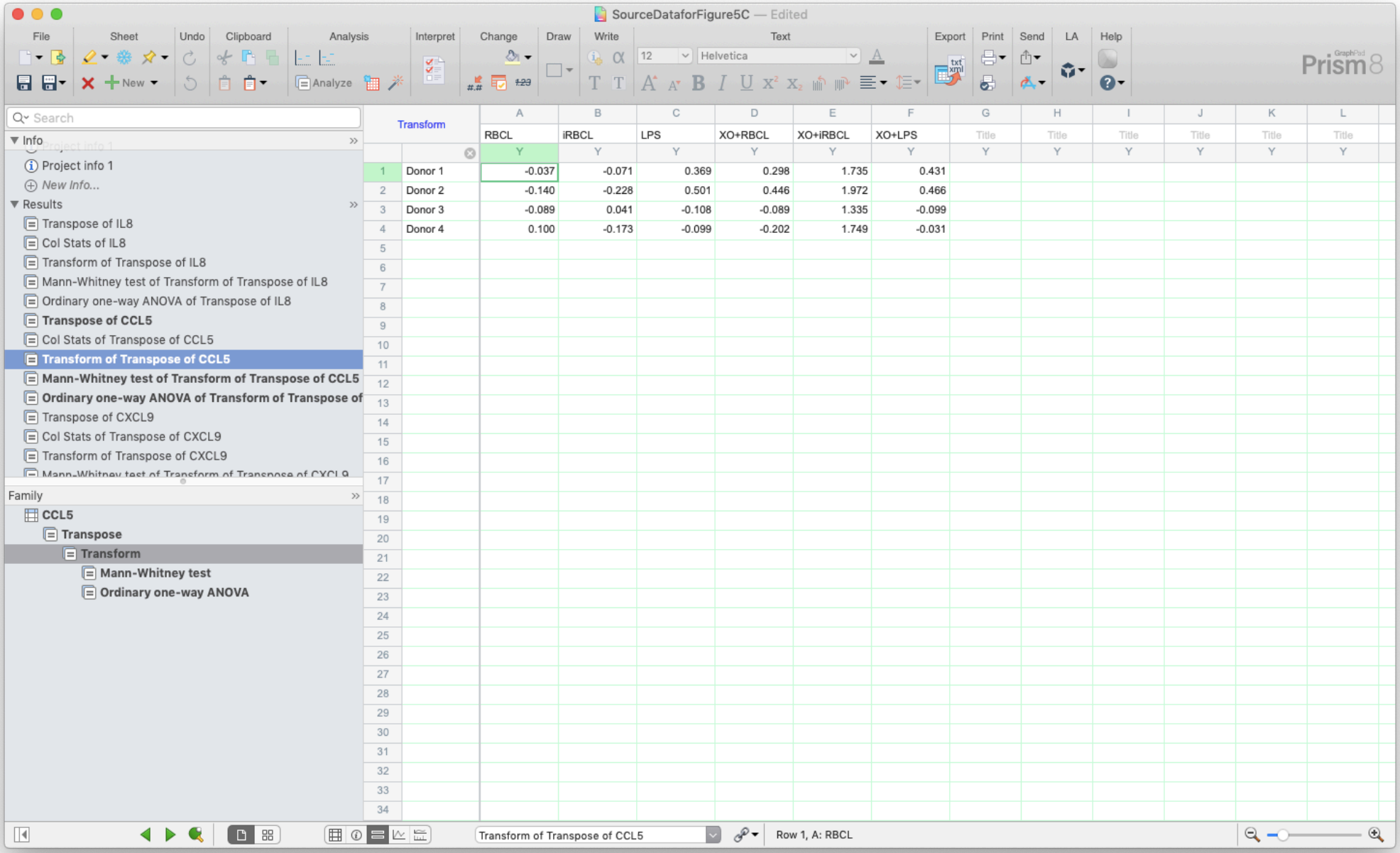
Col Stats of Transpose of CCL5
Transform of Transpose of CCL5
Mann-Whitney test of Transform of Transpose of CCL5
Ordinary one-way ANOVA of Transform of Transpose of
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Family
CCL5
Transpose
Col Stats
Transform
Mann-Whitney test
Ordinary one-way ANOVA
Transpose
A RBCL
B iRBCL
C LPS
D XO+RBCL
E XO+iRBCL
F XO+LPS
Y
1 Donor 1 0.919 0.850 2.339 1.986 54.373 2.695
2 Donor 2 0.725 0.592 3.167 2.795 93.755 2.924
3 Donor 3 0.815 1.098 0.779 0.815 21.645 0.797
4 Donor 4 1.258 0.671 0.796 0.628 56.123 0.931
Transpose of CCL5
Row 1, A: RBCL



	Col Stats	A	B	C	D	E	F	G	H	I	J
		RBCL	iRBCL	LPS	XO+RBCL	XO+iRBCL	XO+LPS	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Number of values	4	4	4	4	4	4				
2											
3	Minimum	0.7248	0.5918	0.7795	0.6284	21.65	0.7970				
4	25% Percentile	0.7473	0.6116	0.7835	0.6750	29.83	0.8306				
5	Median	0.8668	0.7605	1.568	1.400	55.25	1.813				
6	75% Percentile	1.173	1.036	2.960	2.593	84.35	2.867				
7	Maximum	1.258	1.098	3.167	2.795	93.76	2.924				
8											
9	Mean	0.9290	0.8028	1.770	1.556	56.47	1.837				
10	Std. Deviation	0.2331	0.2247	1.184	1.021	29.48	1.128				
11	Std. Error of Mean	0.1165	0.1124	0.5921	0.5107	14.74	0.5641				
12											
13	Lower 95% CI of mean	0.5582	0.4452	-0.1138	-0.06921	9.562	0.04144				
14	Upper 95% CI of mean	1.300	1.160	3.655	3.181	103.4	3.632				
15											
16	Sum	3.716	3.211	7.082	6.224	225.9	7.347				
17											
18	**D'Agostino & Pearson normality test**										
19	K2	N too small	N too small	N too small	N too small	N too small	N too small				
20	P value										
21	Passed normality test (alpha=0.05)?										
22	P value summary										
23											
24	**Shapiro-Wilk normality test**										
25	W	0.9031	0.9430	0.8561	0.9059	0.9530	0.8066				
26	P value	0.4464	0.6724	0.2466	0.4611	0.7351	0.1146				
27	Passed normality test (alpha=0.05)?	Yes	Yes	Yes	Yes	Yes	Yes				
28	P value summary	ns	ns	ns	ns	ns	ns				
29											
30	**KS normality test**										
31	KS distance	N too small	N too small	N too small	N too small	N too small	N too small				
32	P value										
33	Passed normality test (alpha=0.05)?										
34	P value summary										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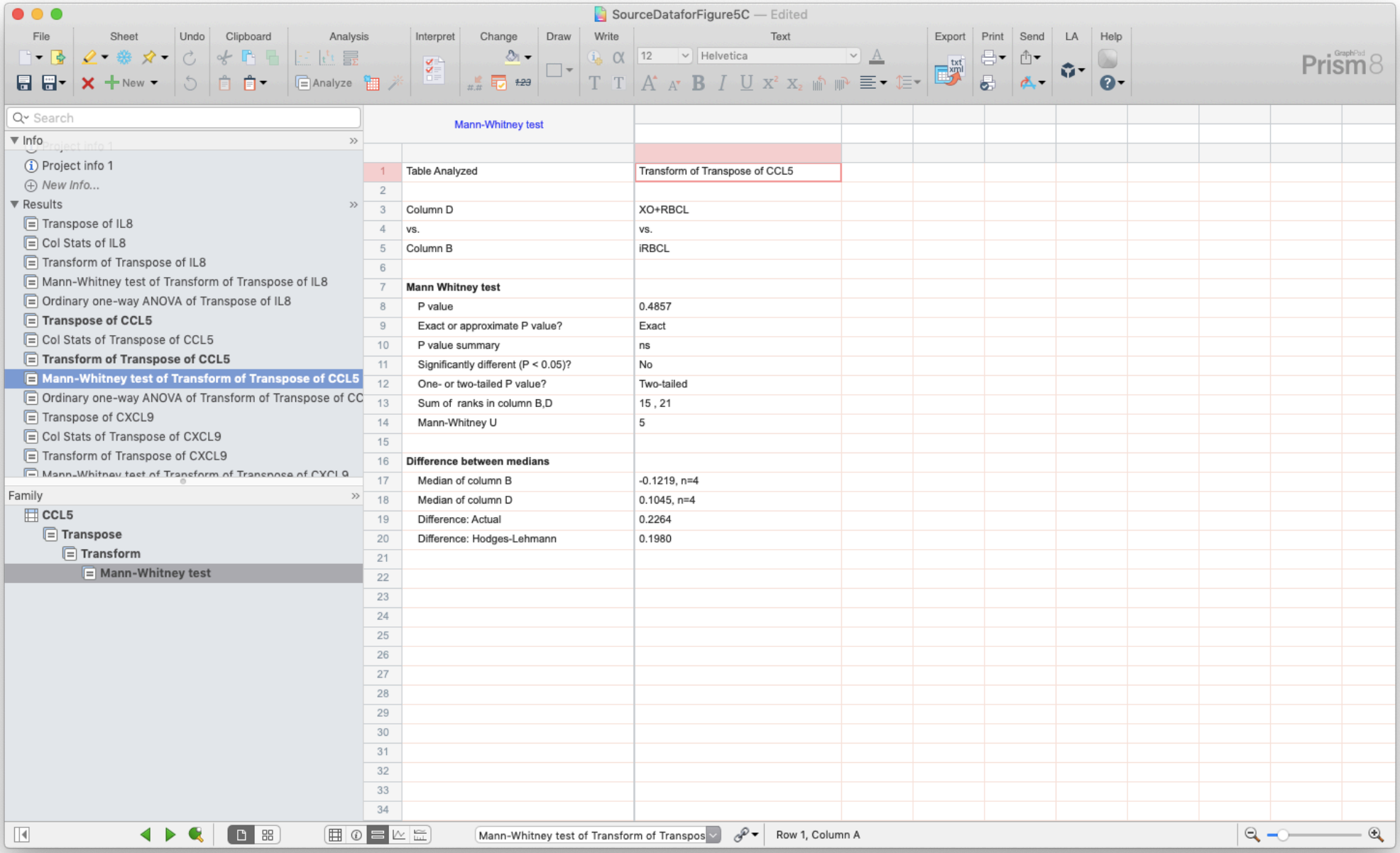
Transpose of CCL5
Col Stats of Transpose of CCL5
Transform of Transpose of CCL5
Mann-Whitney test of Transform of Transpose of CCL5
Ordinary one-way ANOVA of Transform of Transpose of
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Family
CCL5
Transpose
Transform
Mann-Whitney test
Ordinary one-way ANOVA
Transform
RBCL
iRBCL
LPS
XO+RBCL
XO+iRBCL
XO+LPS
Donor 1 -0.037 -0.071 0.369 0.298 1.735 0.431
Donor 2 -0.140 -0.228 0.501 0.446 1.972 0.466
Donor 3 -0.089 0.041 -0.108 -0.089 1.335 -0.099
Donor 4 0.100 -0.173 -0.099 -0.202 1.749 -0.031
Transform of Transpose of CCL5
Row 1, A: RBCL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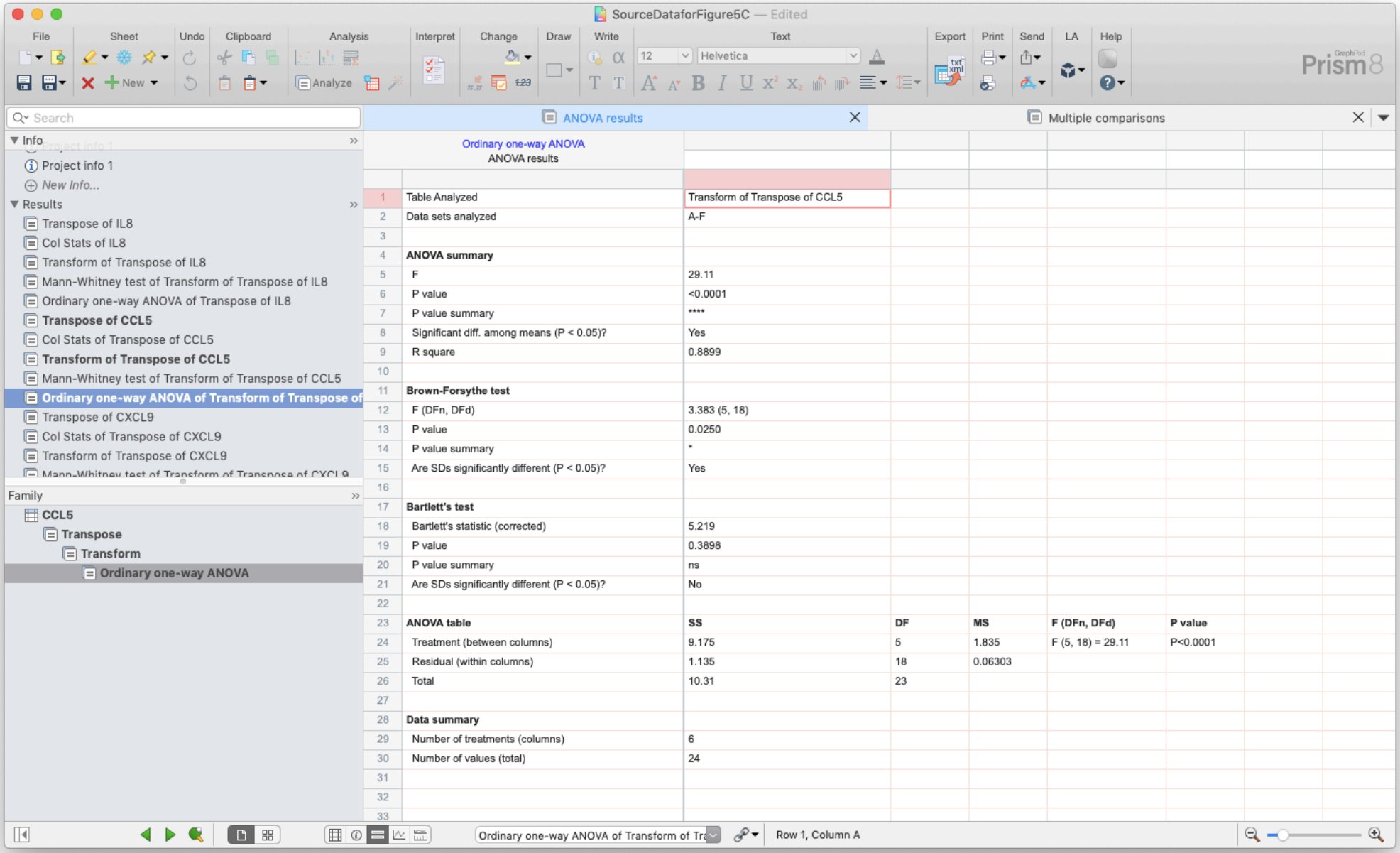
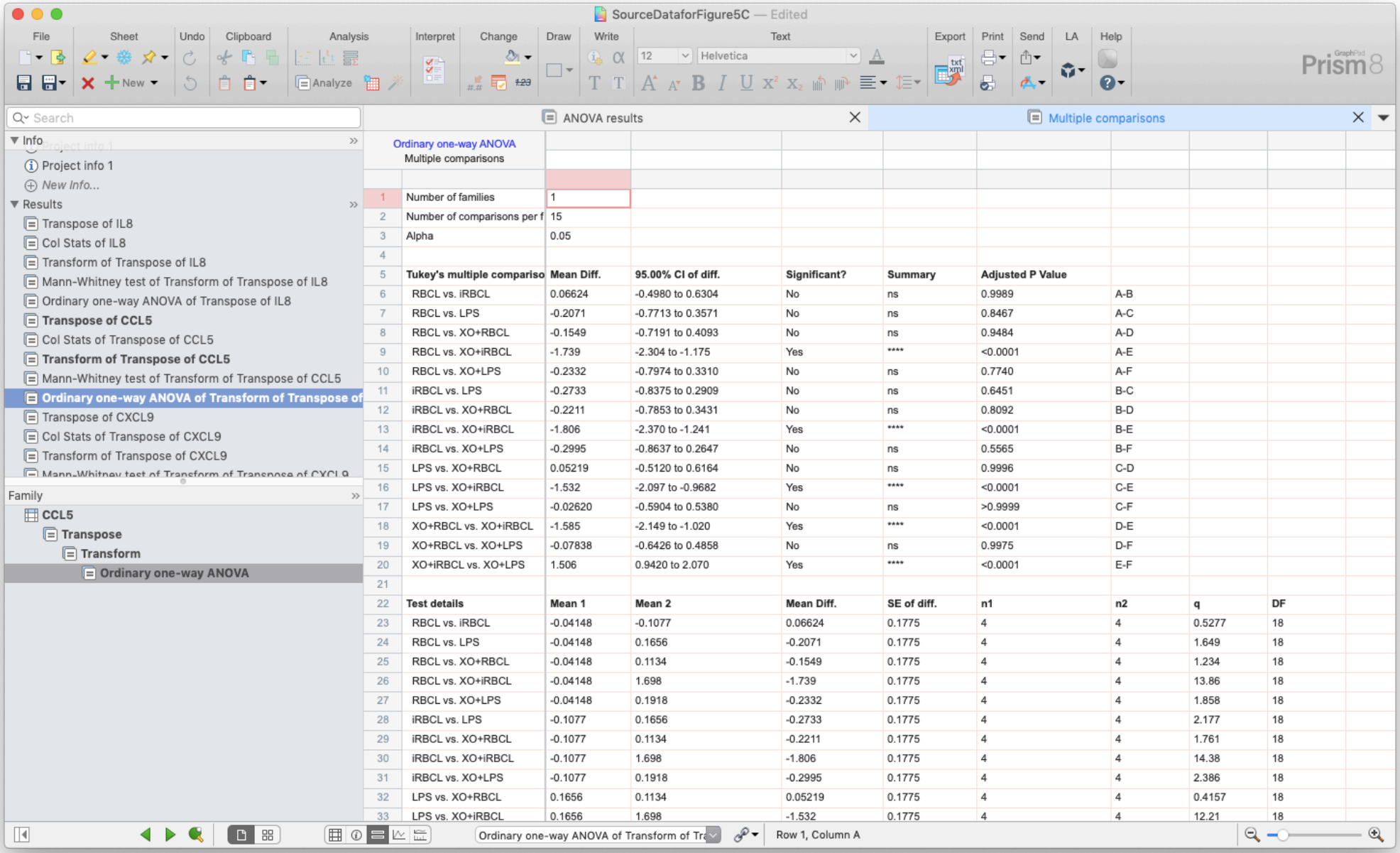
Ordinary one-way ANOVA of Transpose of IL8
Transpose of CCL5
Col Stats of Transpose of CCL5
Transform of Transpose of CCL5
Mann-Whitney test of Transform of Transpose of CCL5
Ordinary one-way ANOVA of Transform of Transpose of CC
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Family
CCL5
Transpose
Transform
Mann-Whitney test
Mann-Whitney test
Table Analyzed
Transform of Transpose of CCL5
Column D
XO+RBCL
vs.
vs.
Column B
iRBCL
Mann Whitney test
P value
0.4857
Exact or approximate P value?
Exact
P value summary
ns
Significantly different (P < 0.05)?
No
One- or two-tailed P value?
Two-tailed
Sum of ranks in column B,D
15 , 21
Mann-Whitney U
5
Difference between medians
Median of column B
-0.1219, n=4
Median of column D
0.1045, n=4
Difference: Actual
0.2264
Difference: Hodges-Lehmann
0.1980
Mann-Whitney test of Transform of Transpos
Row 1, Column A

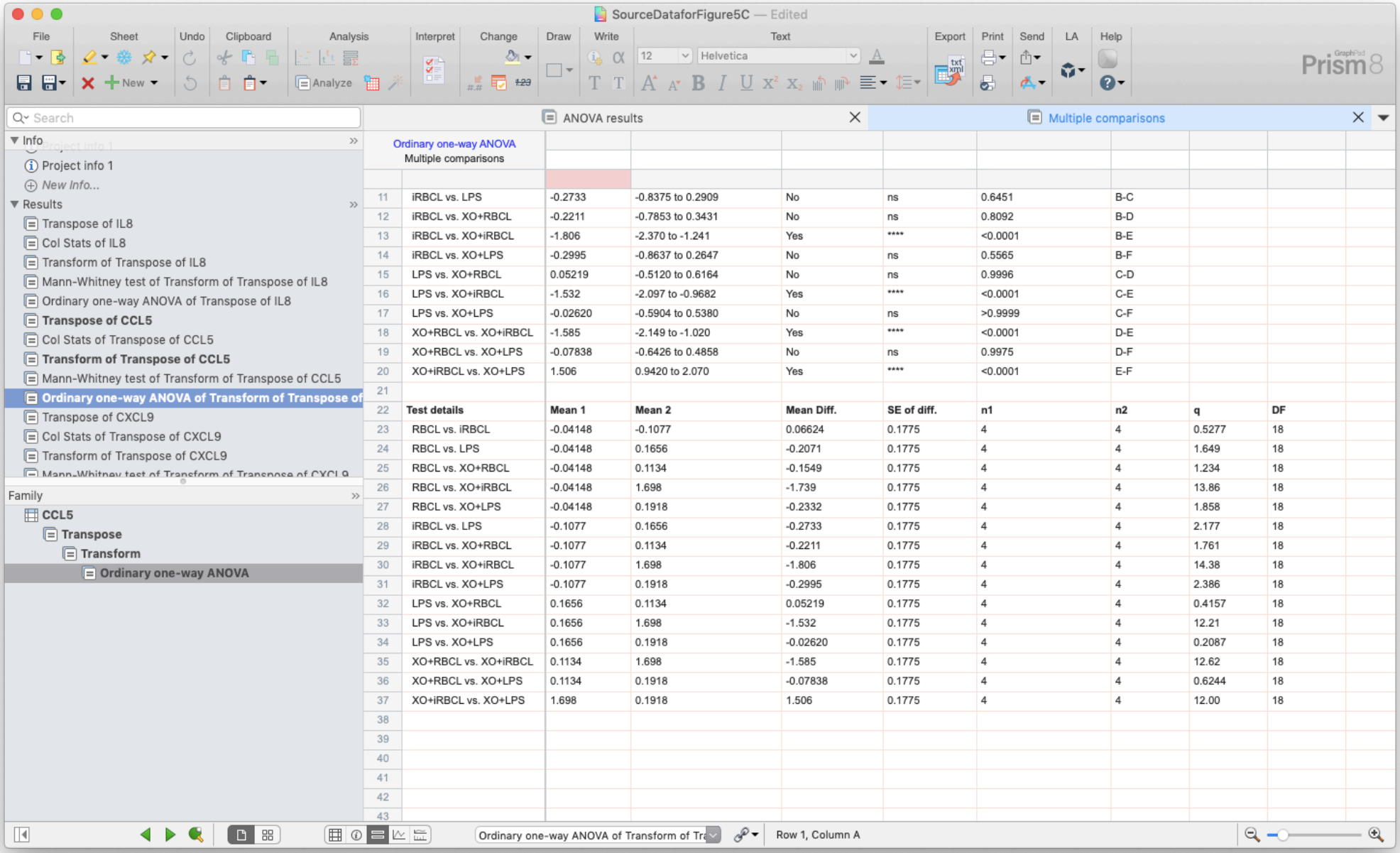


	Ordinary one-way ANOVA ANOVA results					
1	Table Analyzed	Transform of Transpose of CCL5				
2	Data sets analyzed	A-F				
3						
4	**ANOVA summary**					
5	F	29.11				
6	P value	<0.0001				
7	P value summary	****				
8	Significant diff. among means (P < 0.05)?	Yes				
9	R square	0.8899				
10						
11	**Brown-Forsythe test**					
12	F (DFn, DFd)	3.383 (5, 18)				
13	P value	0.0250				
14	P value summary	*				
15	Are SDs significantly different (P < 0.05)?	Yes				
16						
17	**Bartlett's test**					
18	Bartlett's statistic (corrected)	5.219				
19	P value	0.3898				
20	P value summary	ns				
21	Are SDs significantly different (P < 0.05)?	No				
22						
23	**ANOVA table**	**SS**	**DF**	**MS**	**F (DFn, DFd)**	**P value**
24	Treatment (between columns)	9.175	5	1.835	F (5, 18) = 29.11	P<0.0001
25	Residual (within columns)	1.135	18	0.06303		
26	Total	10.31	23			
27						
28	**Data summary**					
29	Number of treatments (columns)	6				
30	Number of values (total)	24				
31						
32						
33						

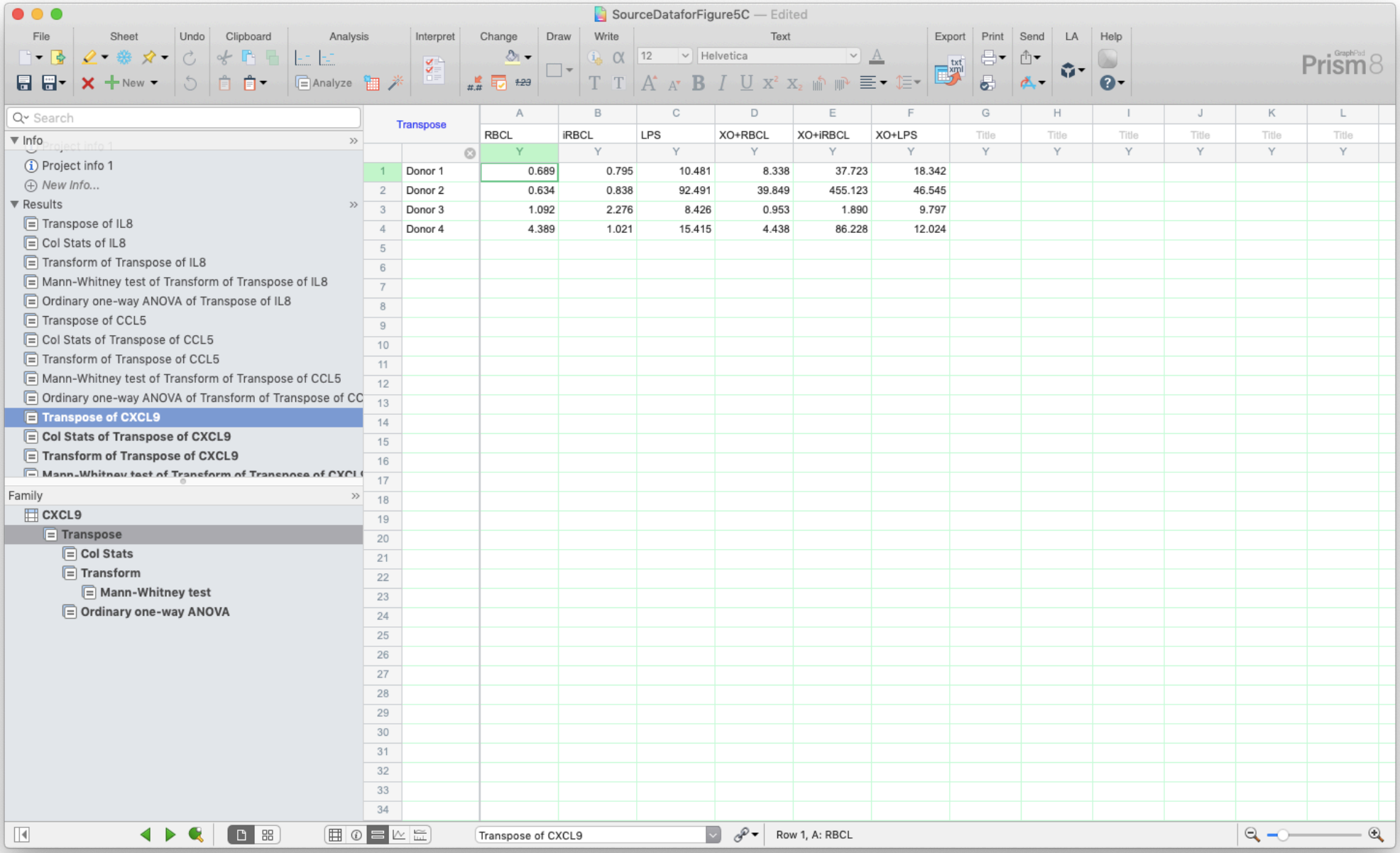


Ordinary one-way ANOVA
Multiple comparisons

1	Number of families	1								
2	Number of comparisons per f	15								
3	Alpha	0.05								
4										
5	**Tukey's multiple compariso**	**Mean Diff.**	**95.00% CI of diff.**	**Significant?**	**Summary**	**Adjusted P Value**				
6	RBCL vs. iRBCL	0.06624	-0.4980 to 0.6304	No	ns	0.9989	A-B			
7	RBCL vs. LPS	-0.2071	-0.7713 to 0.3571	No	ns	0.8467	A-C			
8	RBCL vs. XO+RBCL	-0.1549	-0.7191 to 0.4093	No	ns	0.9484	A-D			
9	RBCL vs. XO+iRBCL	-1.739	-2.304 to -1.175	Yes	****	<0.0001	A-E			
10	RBCL vs. XO+LPS	-0.2332	-0.7974 to 0.3310	No	ns	0.7740	A-F			
11	iRBCL vs. LPS	-0.2733	-0.8375 to 0.2909	No	ns	0.6451	B-C			
12	iRBCL vs. XO+RBCL	-0.2211	-0.7853 to 0.3431	No	ns	0.8092	B-D			
13	iRBCL vs. XO+iRBCL	-1.806	-2.370 to -1.241	Yes	****	<0.0001	B-E			
14	iRBCL vs. XO+LPS	-0.2995	-0.8637 to 0.2647	No	ns	0.5565	B-F			
15	LPS vs. XO+RBCL	0.05219	-0.5120 to 0.6164	No	ns	0.9996	C-D			
16	LPS vs. XO+iRBCL	-1.532	-2.097 to -0.9682	Yes	****	<0.0001	C-E			
17	LPS vs. XO+LPS	-0.02620	-0.5904 to 0.5380	No	ns	>0.9999	C-F			
18	XO+RBCL vs. XO+iRBCL	-1.585	-2.149 to -1.020	Yes	****	<0.0001	D-E			
19	XO+RBCL vs. XO+LPS	-0.07838	-0.6426 to 0.4858	No	ns	0.9975	D-F			
20	XO+iRBCL vs. XO+LPS	1.506	0.9420 to 2.070	Yes	****	<0.0001	E-F			
21										
22	**Test details**	**Mean 1**	**Mean 2**	**Mean Diff.**	**SE of diff.**	**n1**	**n2**	**q**	**DF**	
23	RBCL vs. iRBCL	-0.04148	-0.1077	0.06624	0.1775	4	4	0.5277	18	
24	RBCL vs. LPS	-0.04148	0.1656	-0.2071	0.1775	4	4	1.649	18	
25	RBCL vs. XO+RBCL	-0.04148	0.1134	-0.1549	0.1775	4	4	1.234	18	
26	RBCL vs. XO+iRBCL	-0.04148	1.698	-1.739	0.1775	4	4	13.86	18	
27	RBCL vs. XO+LPS	-0.04148	0.1918	-0.2332	0.1775	4	4	1.858	18	
28	iRBCL vs. LPS	-0.1077	0.1656	-0.2733	0.1775	4	4	2.177	18	
29	iRBCL vs. XO+RBCL	-0.1077	0.1134	-0.2211	0.1775	4	4	1.761	18	
30	iRBCL vs. XO+iRBCL	-0.1077	1.698	-1.806	0.1775	4	4	14.38	18	
31	iRBCL vs. XO+LPS	-0.1077	0.1918	-0.2995	0.1775	4	4	2.386	18	
32	LPS vs. XO+RBCL	0.1656	0.1134	0.05219	0.1775	4	4	0.4157	18	
33	LPS vs. XO+iRBCL	0.1656	1.698	-1.532	0.1775	4	4	12.21	18	



11	iRBCL vs. LPS	-0.2733	-0.8375 to 0.2909	No	ns	0.6451	B-C		
12	iRBCL vs. XO+RBCL	-0.2211	-0.7853 to 0.3431	No	ns	0.8092	B-D		
13	iRBCL vs. XO+iRBCL	-1.806	-2.370 to -1.241	Yes	****	<0.0001	B-E		
14	iRBCL vs. XO+LPS	-0.2995	-0.8637 to 0.2647	No	ns	0.5565	B-F		
15	LPS vs. XO+RBCL	0.05219	-0.5120 to 0.6164	No	ns	0.9996	C-D		
16	LPS vs. XO+iRBCL	-1.532	-2.097 to -0.9682	Yes	****	<0.0001	C-E		
17	LPS vs. XO+LPS	-0.02620	-0.5904 to 0.5380	No	ns	>0.9999	C-F		
18	XO+RBCL vs. XO+iRBCL	-1.585	-2.149 to -1.020	Yes	****	<0.0001	D-E		
19	XO+RBCL vs. XO+LPS	-0.07838	-0.6426 to 0.4858	No	ns	0.9975	D-F		
20	XO+iRBCL vs. XO+LPS	1.506	0.9420 to 2.070	Yes	****	<0.0001	E-F		
21									
22	**Test details**	**Mean 1**	**Mean 2**	**Mean Diff.**	**SE of diff.**	**n1**	**n2**	**q**	**DF**
23	RBCL vs. iRBCL	-0.04148	-0.1077	0.06624	0.1775	4	4	0.5277	18
24	RBCL vs. LPS	-0.04148	0.1656	-0.2071	0.1775	4	4	1.649	18
25	RBCL vs. XO+RBCL	-0.04148	0.1134	-0.1549	0.1775	4	4	1.234	18
26	RBCL vs. XO+iRBCL	-0.04148	1.698	-1.739	0.1775	4	4	13.86	18
27	RBCL vs. XO+LPS	-0.04148	0.1918	-0.2332	0.1775	4	4	1.858	18
28	iRBCL vs. LPS	-0.1077	0.1656	-0.2733	0.1775	4	4	2.177	18
29	iRBCL vs. XO+RBCL	-0.1077	0.1134	-0.2211	0.1775	4	4	1.761	18
30	iRBCL vs. XO+iRBCL	-0.1077	1.698	-1.806	0.1775	4	4	14.38	18
31	iRBCL vs. XO+LPS	-0.1077	0.1918	-0.2995	0.1775	4	4	2.386	18
32	LPS vs. XO+RBCL	0.1656	0.1134	0.05219	0.1775	4	4	0.4157	18
33	LPS vs. XO+iRBCL	0.1656	1.698	-1.532	0.1775	4	4	12.21	18
34	LPS vs. XO+LPS	0.1656	0.1918	-0.02620	0.1775	4	4	0.2087	18
35	XO+RBCL vs. XO+iRBCL	0.1134	1.698	-1.585	0.1775	4	4	12.62	18
36	XO+RBCL vs. XO+LPS	0.1134	0.1918	-0.07838	0.1775	4	4	0.6244	18
37	XO+iRBCL vs. XO+LPS	1.698	0.1918	1.506	0.1775	4	4	12.00	18
38									
39									
40									
41									
42									
43									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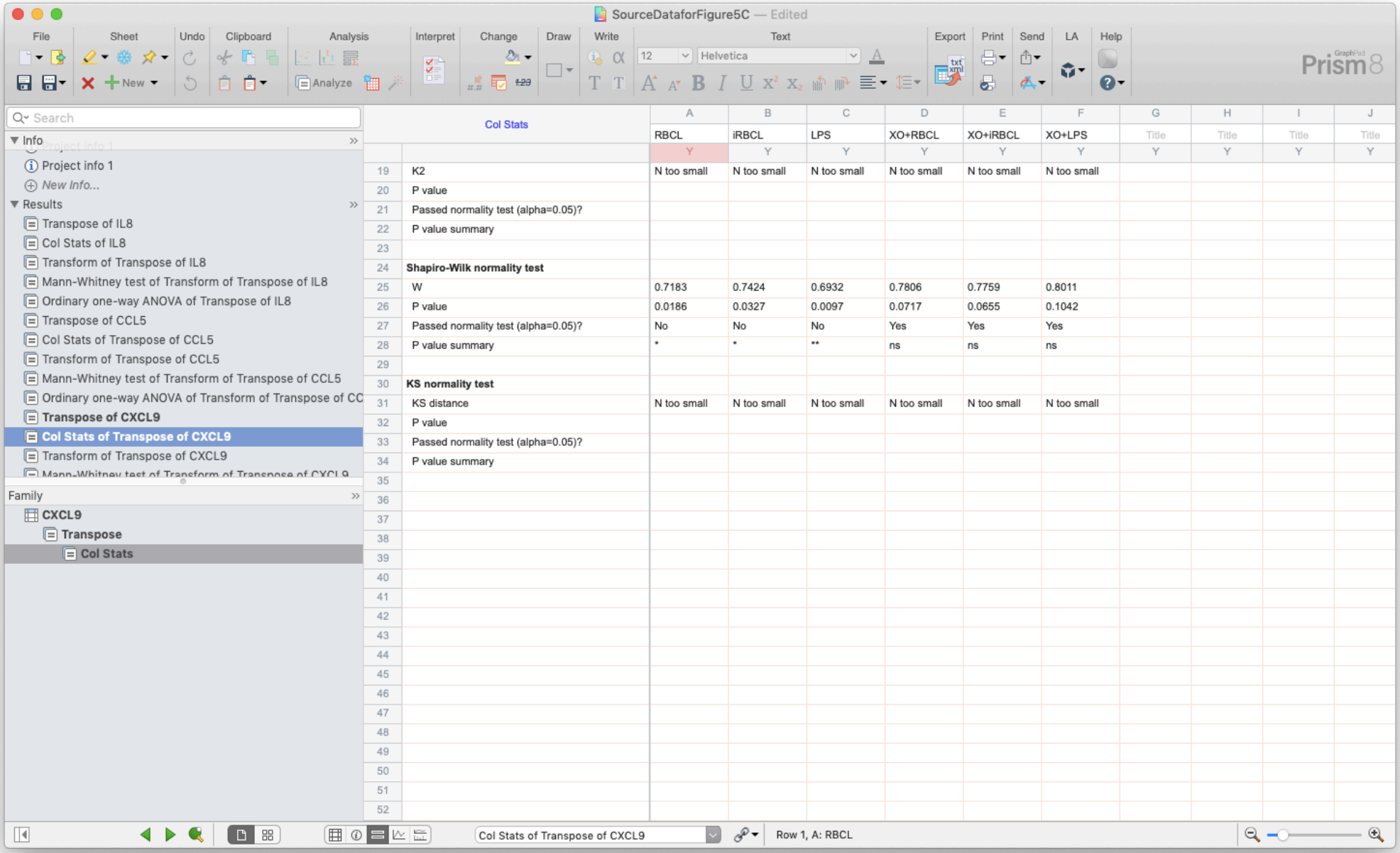
Project info 1
New Info...
Results
Transpose of IL8
Col Stats of IL8
Transform of Transpose of IL8
Mann-Whitney test of Transform of Transpose of IL8
Ordinary one-way ANOVA of Transpose of IL8
Transpose of CCL5
Col Stats of Transpose of CCL5
Transform of Transpose of CCL5
Mann-Whitney test of Transform of Transpose of CCL5
Ordinary one-way ANOVA of Transform of Transpose of CC
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Family
CXCL9
Transpose
Col Stats
Transform
Mann-Whitney test
Ordinary one-way ANOVA
Transpose
RBCL
iRBCL
LPS
XO+RBCL
XO+iRBCL
XO+LPS
Donor 1 0.689 0.795 10.481 8.338 37.723 18.342
Donor 2 0.634 0.838 92.491 39.849 455.123 46.545
Donor 3 1.092 2.276 8.426 0.953 1.890 9.797
Donor 4 4.389 1.021 15.415 4.438 86.228 12.024
Transpose of CXCL9
Row 1, A: RBCL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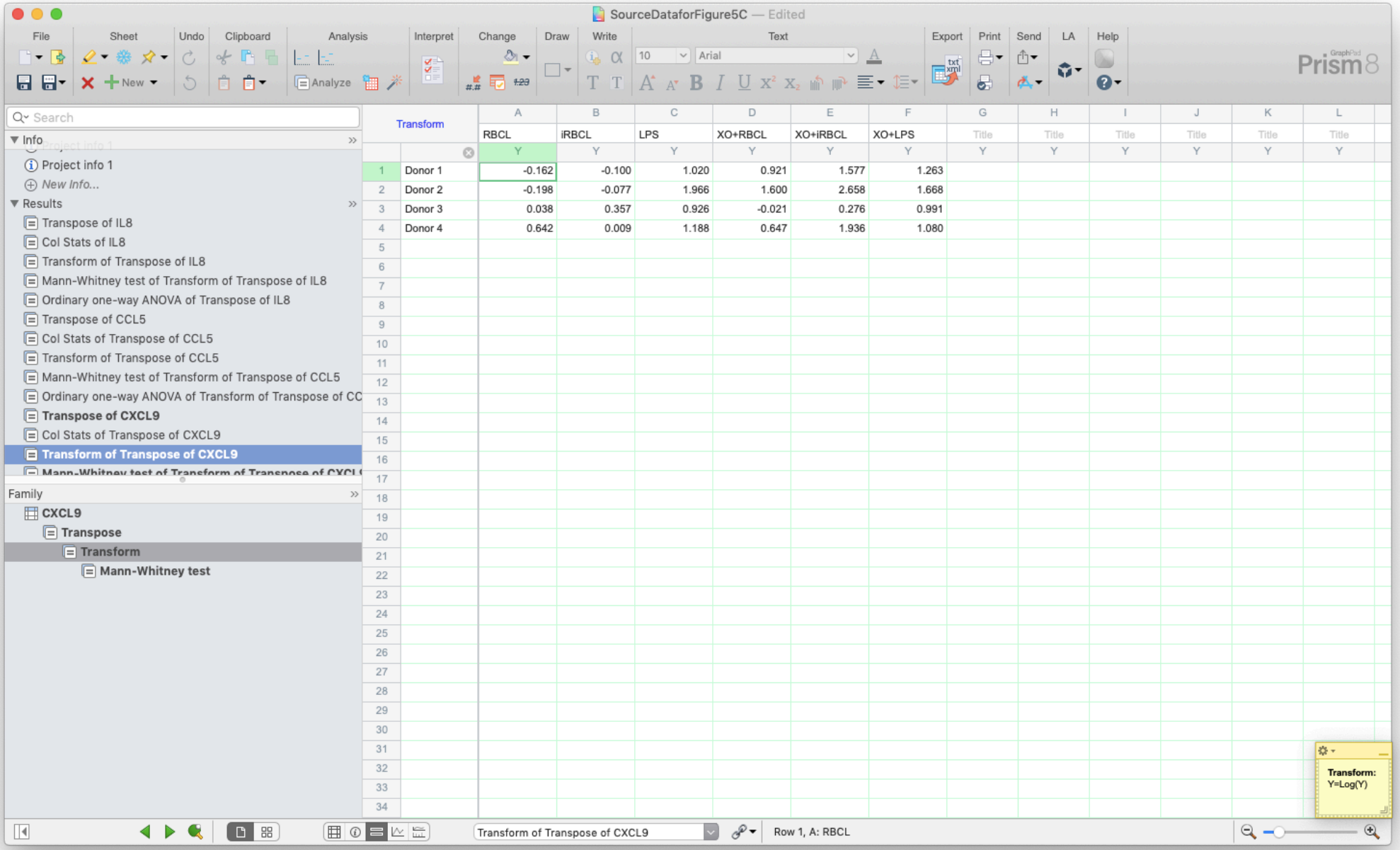
Prism 8
Search
Info
Project info 1
New Info...
Results
Transpose of IL8
Col Stats of IL8
Transform of Transpose of IL8
Mann-Whitney test of Transform of Transpose of IL8
Ordinary one-way ANOVA of Transpose of IL8
Transpose of CCL5
Col Stats of Transpose of CCL5
Transform of Transpose of CCL5
Mann-Whitney test of Transform of Transpose of CCL5
Ordinary one-way ANOVA of Transform of Transpose of CC
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Family
CXCL9
Transpose
Col Stats
Col Stats
A RBCL Y
B iRBCL Y
C LPS Y
D XO+RBCL Y
E XO+iRBCL Y
F XO+LPS Y
G Title Y
H Title Y
I Title Y
J Title Y
19 K2 N too small N too small N too small N too small N too small N too small
20 P value
21 Passed normality test (alpha=0.05)?
22 P value summary
24 Shapiro-Wilk normality test
25 W 0.7183 0.7424 0.6932 0.7806 0.7759 0.8011
26 P value 0.0186 0.0327 0.0097 0.0717 0.0655 0.1042
27 Passed normality test (alpha=0.05)? No No No Yes Yes Yes
28 P value summary * * ** ns ns ns
30 KS normality test
31 KS distance N too small N too small N too small N too small N too small N too small
32 P value
33 Passed normality test (alpha=0.05)?
34 P value summary
Col Stats of Transpose of CXCL9
Row 1, A: RBCL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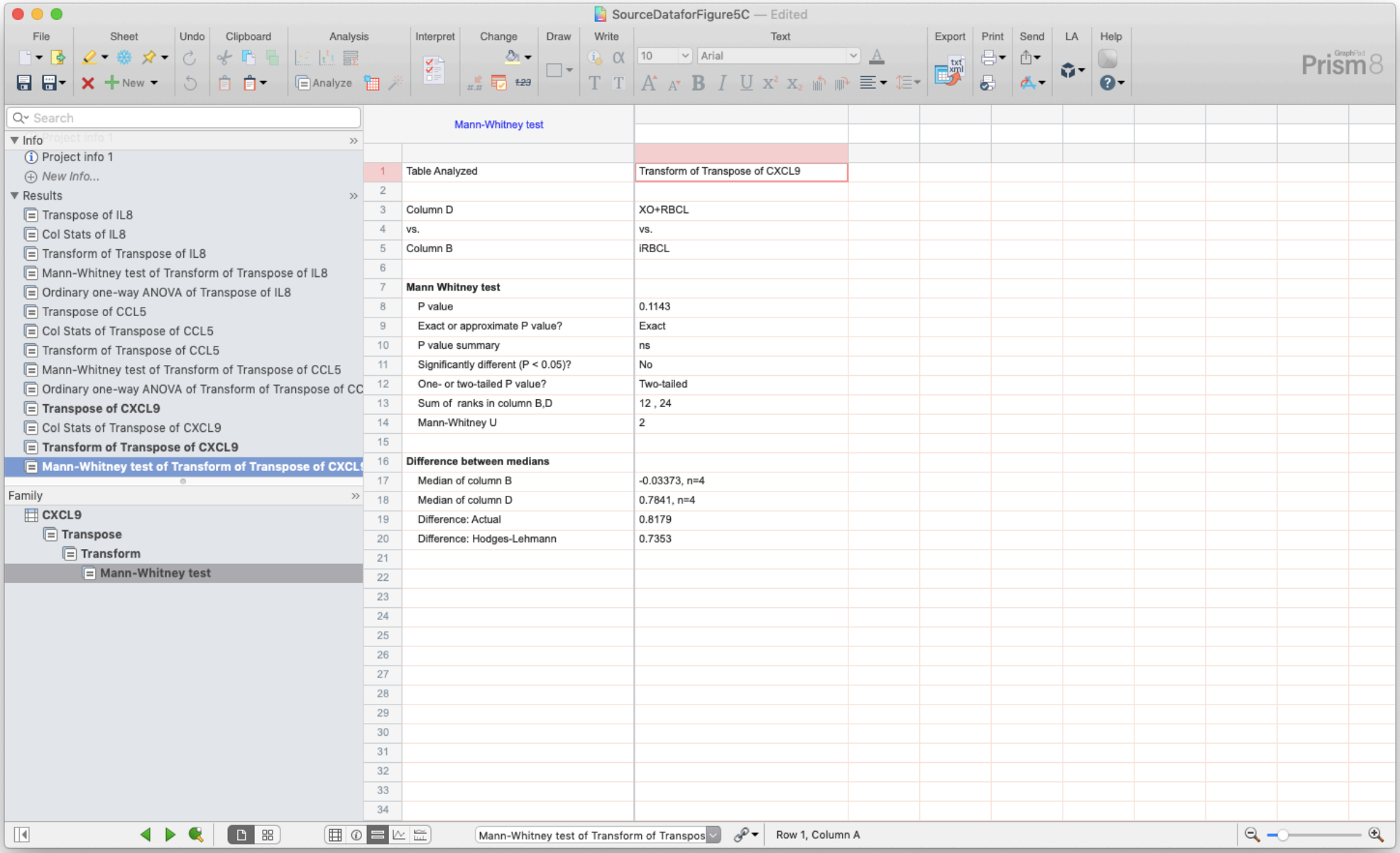
Project info 1
New Info...
Results
Transpose of IL8
Col Stats of IL8
Transform of Transpose of IL8
Mann-Whitney test of Transform of Transpose of IL8
Ordinary one-way ANOVA of Transpose of IL8
Transpose of CCL5
Col Stats of Transpose of CCL5
Transform of Transpose of CCL5
Mann-Whitney test of Transform of Transpose of CCL5
Ordinary one-way ANOVA of Transform of Transpose of CC
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Family
CXCL9
Transpose
Transform
Mann-Whitney test
Transform
RBCL
iRBCL
LPS
XO+RBCL
XO+iRBCL
XO+LPS
Donor 1 -0.162 -0.100 1.020 0.921 1.577 1.263
Donor 2 -0.198 -0.077 1.966 1.600 2.658 1.668
Donor 3 0.038 0.357 0.926 -0.021 0.276 0.991
Donor 4 0.642 0.009 1.188 0.647 1.936 1.080
Transform: Y=Log(Y)
Transform of Transpose of CXCL9
Row 1, A: RBCL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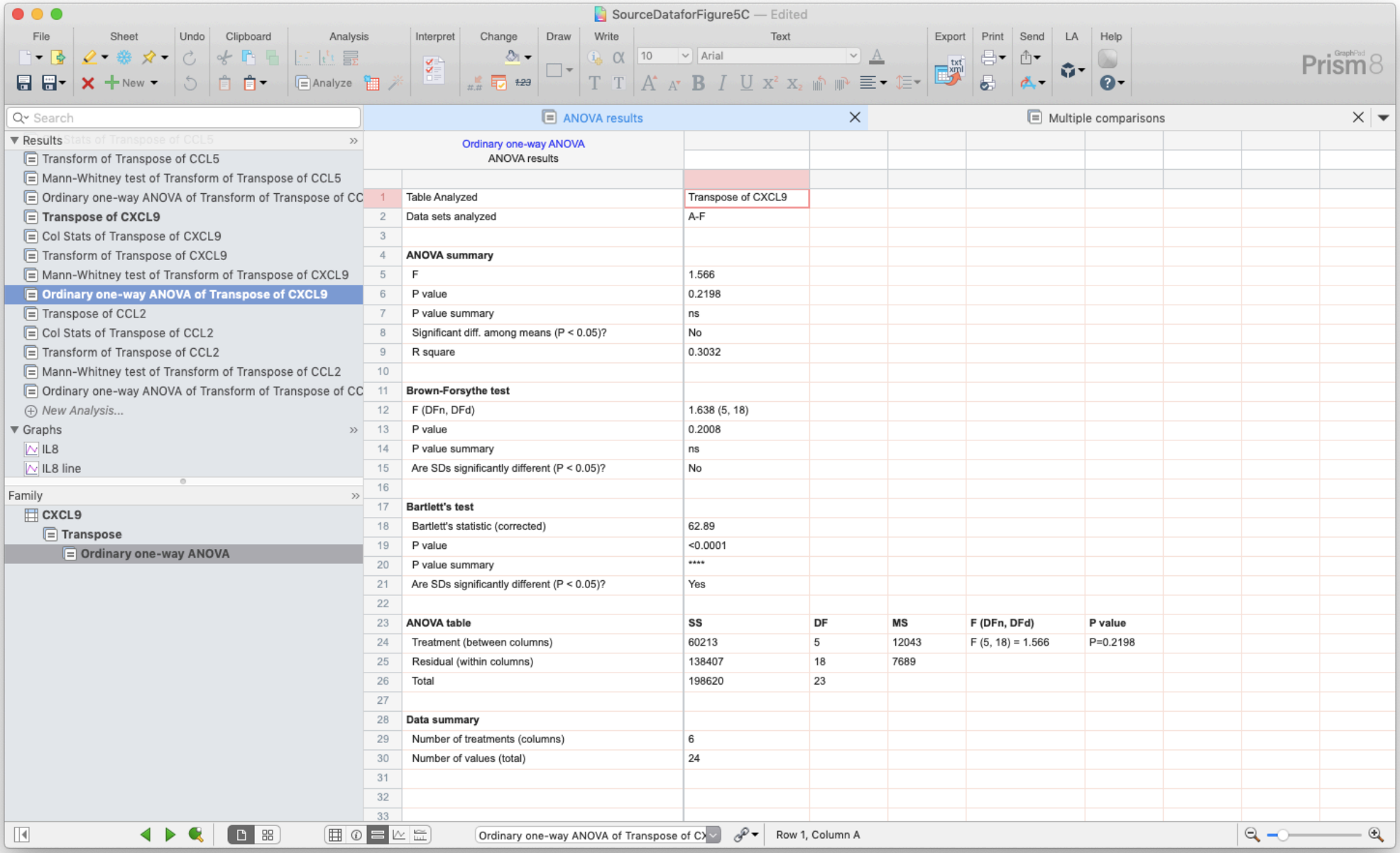
Project info 1
New Info...
Results
Transpose of IL8
Col Stats of IL8
Transform of Transpose of IL8
Mann-Whitney test of Transform of Transpose of IL8
Ordinary one-way ANOVA of Transpose of IL8
Transpose of CCL5
Col Stats of Transpose of CCL5
Transform of Transpose of CCL5
Mann-Whitney test of Transform of Transpose of CCL5
Ordinary one-way ANOVA of Transform of Transpose of CC
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Mann-Whitney test of Transform of Transpose of CXCL
Family
CXCL9
Transpose
Transform
Mann-Whitney test
Mann-Whitney test
Table Analyzed
Transform of Transpose of CXCL9
Column D
XO+RBCL
vs.
vs.
Column B
iRBCL
Mann Whitney test
P value
0.1143
Exact or approximate P value?
Exact
P value summary
ns
Significantly different (P < 0.05)?
No
One- or two-tailed P value?
Two-tailed
Sum of ranks in column B,D
12 , 24
Mann-Whitney U
2
Difference between medians
Median of column B
-0.03373, n=4
Median of column D
0.7841, n=4
Difference: Actual
0.8179
Difference: Hodges-Lehmann
0.7353
Mann-Whitney test of Transform of Transpos
Row 1, Column A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Transform of Transpose of CCL5
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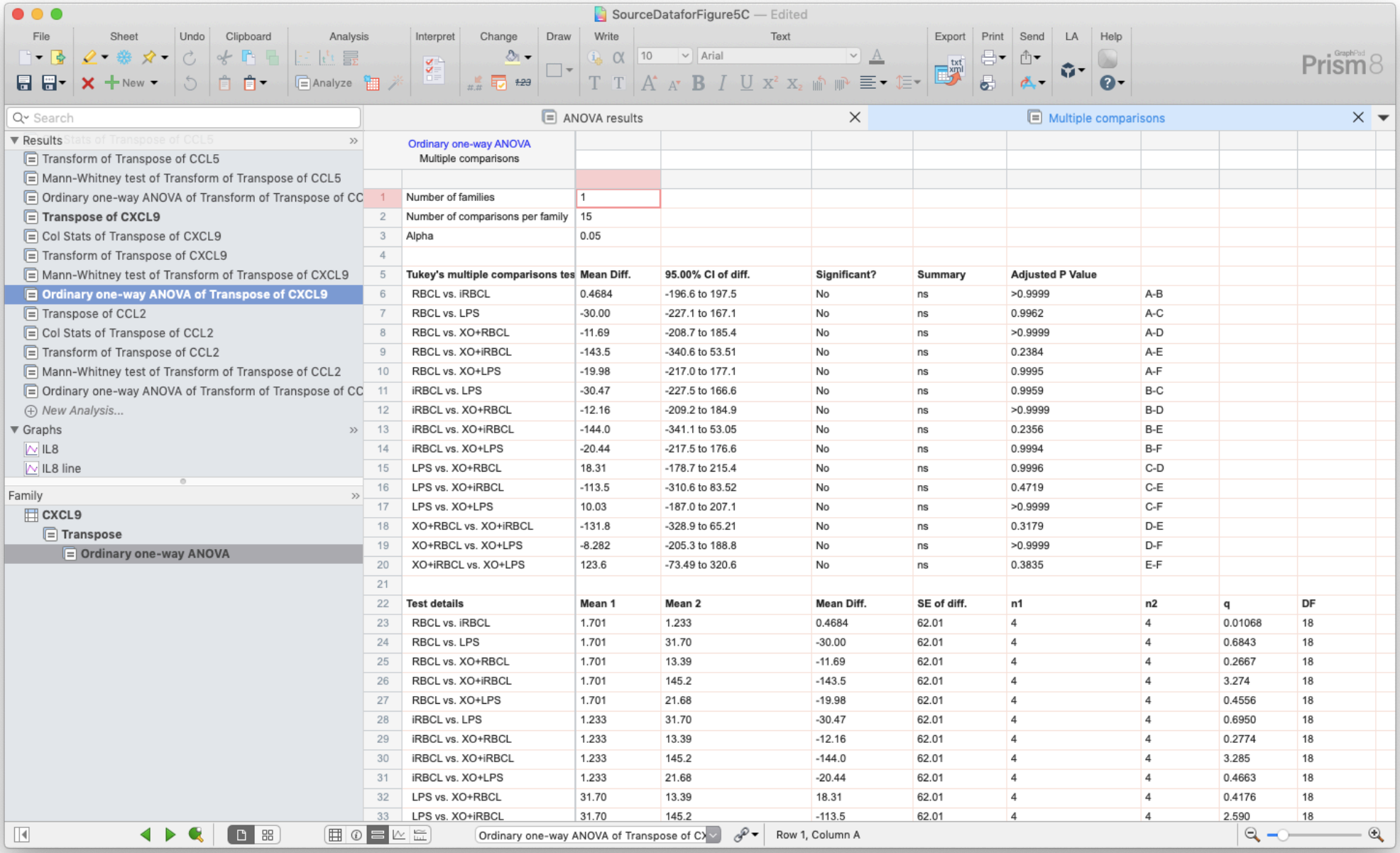
Ordinary one-way ANOVA of Transform of Transpose of CC
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Mann-Whitney test of Transform of Transpose of CXCL9
Ordinary one-way ANOVA of Transpose of CXCL9
Transpose of CCL2
Col Stats of Transpose of CCL2
Transform of Transpose of CCL2
Mann-Whitney test of Transform of Transpose of CCL2
Ordinary one-way ANOVA of Transform of Transpose of CC
New Analysis...
Graphs
IL8
IL8 line
Family
CXCL9
Transpose
Ordinary one-way ANOVA
ANOVA results
Multiple comparisons
Ordinary one-way ANOVA
ANOVA results
Table Analyzed
Transpose of CXCL9
Data sets analyzed
A-F
ANOVA summary
F
1.566
P value
0.2198
P value summary
ns
Significant diff. among means (P < 0.05)?
No
R square
0.3032
Brown-Forsythe test
F (DFn, DFd)
1.638 (5, 18)
P value
0.2008
P value summary
ns
Are SDs significantly different (P < 0.05)?
No
Bartlett's test
Bartlett's statistic (corrected)
62.89
P value
<0.0001
P value summary
****
Are SDs significantly different (P < 0.05)?
Yes
ANOVA table
SS
DF
MS
F (DFn, DFd)
P value
Treatment (between columns)
60213
5
12043
F (5, 18) = 1.566
P=0.2198
Residual (within columns)
138407
18
7689
Total
198620
23
Data summary
Number of treatments (columns)
6
Number of values (total)
24
Ordinary one-way ANOVA of Transpose of CX
Row 1, Column A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Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Mann-Whitney test of Transform of Transpose of CXCL9
Ordinary one-way ANOVA of Transpose of CXCL9
Transpose of CCL2
Col Stats of Transpose of CCL2
Transform of Transpose of CCL2
Mann-Whitney test of Transform of Transpose of CCL2
Ordinary one-way ANOVA of Transform of Transpose of CC
New Analysis...
Graphs
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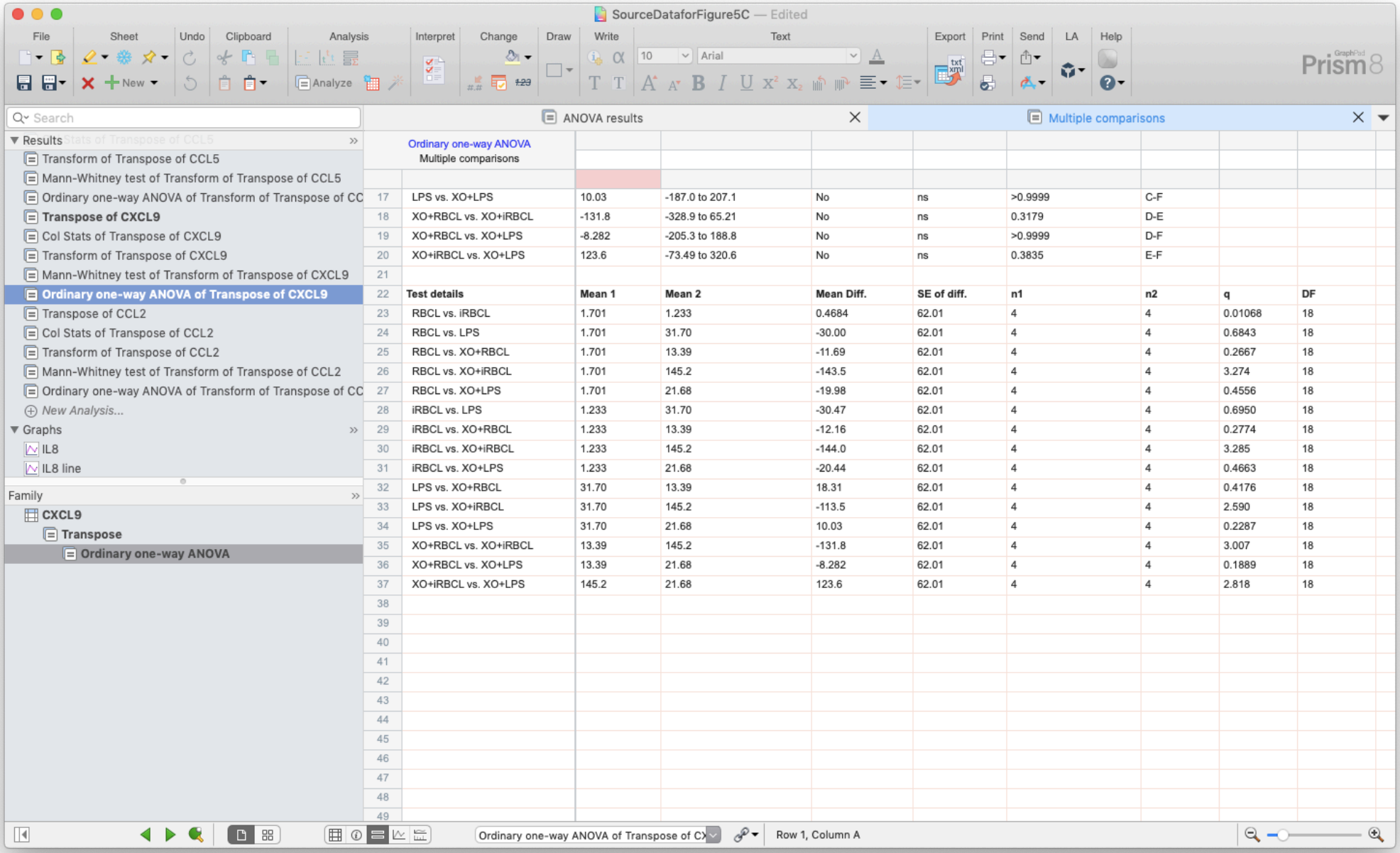
IL8 line
Family
CXCL9
Transpose
Ordinary one-way ANOVA
ANOVA results
Multiple comparisons
Ordinary one-way ANOVA
Multiple comparisons
Number of families 1
Number of comparisons per family 15
Alpha 0.05
Tukey's multiple comparisons tes | Mean Diff. | 95.00% CI of diff. | Significant? | Summary | Adjusted P Value
RBCL vs. iRBCL | 0.4684 | -196.6 to 197.5 | No | ns | >0.9999 | A-B
RBCL vs. LPS | -30.00 | -227.1 to 167.1 | No | ns | 0.9962 | A-C
RBCL vs. XO+RBCL | -11.69 | -208.7 to 185.4 | No | ns | >0.9999 | A-D
RBCL vs. XO+iRBCL | -143.5 | -340.6 to 53.51 | No | ns | 0.2384 | A-E
RBCL vs. XO+LPS | -19.98 | -217.0 to 177.1 | No | ns | 0.9995 | A-F
iRBCL vs. LPS | -30.47 | -227.5 to 166.6 | No | ns | 0.9959 | B-C
iRBCL vs. XO+RBCL | -12.16 | -209.2 to 184.9 | No | ns | >0.9999 | B-D
iRBCL vs. XO+iRBCL | -144.0 | -341.1 to 53.05 | No | ns | 0.2356 | B-E
iRBCL vs. XO+LPS | -20.44 | -217.5 to 176.6 | No | ns | 0.9994 | B-F
LPS vs. XO+RBCL | 18.31 | -178.7 to 215.4 | No | ns | 0.9996 | C-D
LPS vs. XO+iRBCL | -113.5 | -310.6 to 83.52 | No | ns | 0.4719 | C-E
LPS vs. XO+LPS | 10.03 | -187.0 to 207.1 | No | ns | >0.9999 | C-F
XO+RBCL vs. XO+iRBCL | -131.8 | -328.9 to 65.21 | No | ns | 0.3179 | D-E
XO+RBCL vs. XO+LPS | -8.282 | -205.3 to 188.8 | No | ns | >0.9999 | D-F
XO+iRBCL vs. XO+LPS | 123.6 | -73.49 to 320.6 | No | ns | 0.3835 | E-F
Test details | Mean 1 | Mean 2 | Mean Diff. | SE of diff. | n1 | n2 | q | DF
RBCL vs. iRBCL | 1.701 | 1.233 | 0.4684 | 62.01 | 4 | 4 | 0.01068 | 18
RBCL vs. LPS | 1.701 | 31.70 | -30.00 | 62.01 | 4 | 4 | 0.6843 | 18
RBCL vs. XO+RBCL | 1.701 | 13.39 | -11.69 | 62.01 | 4 | 4 | 0.2667 | 18
RBCL vs. XO+iRBCL | 1.701 | 145.2 | -143.5 | 62.01 | 4 | 4 | 3.274 | 18
RBCL vs. XO+LPS | 1.701 | 21.68 | -19.98 | 62.01 | 4 | 4 | 0.4556 | 18
iRBCL vs. LPS | 1.233 | 31.70 | -30.47 | 62.01 | 4 | 4 | 0.6950 | 18
iRBCL vs. XO+RBCL | 1.233 | 13.39 | -12.16 | 62.01 | 4 | 4 | 0.2774 | 18
iRBCL vs. XO+iRBCL | 1.233 | 145.2 | -144.0 | 62.01 | 4 | 4 | 3.285 | 18
iRBCL vs. XO+LPS | 1.233 | 21.68 | -20.44 | 62.01 | 4 | 4 | 0.4663 | 18
LPS vs. XO+RBCL | 31.70 | 13.39 | 18.31 | 62.01 | 4 | 4 | 0.4176 | 18
LPS vs. XO+iRBCL | 31.70 | 145.2 | -113.5 | 62.01 | 4 | 4 | 2.590 | 18
Ordinary one-way ANOVA of Transpose of CX
Row 1, Column A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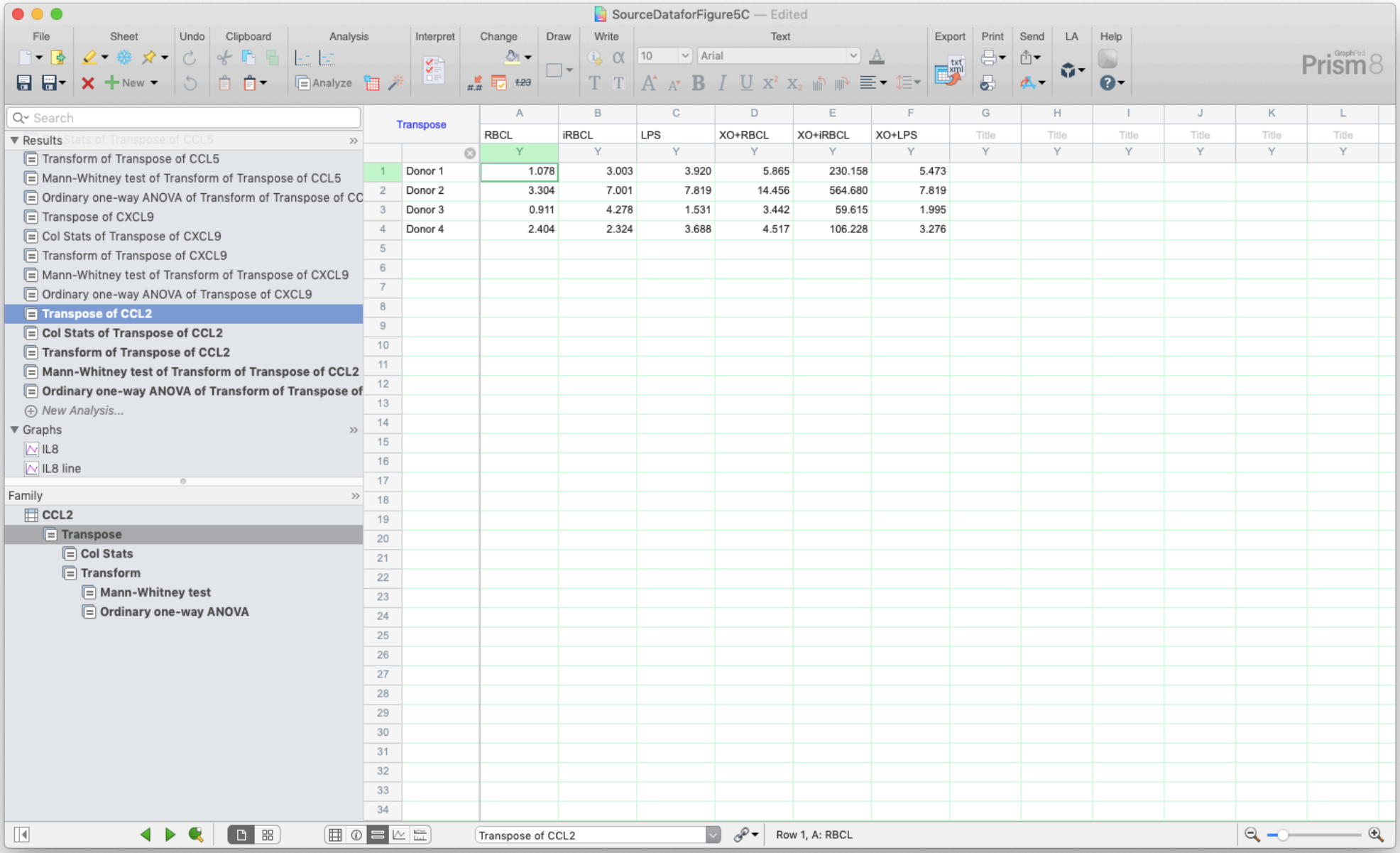
Transform of Transpose of CCL5
Mann-Whitney test of Transform of Transpose of CCL5
Ordinary one-way ANOVA of Transform of Transpose of CC
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Mann-Whitney test of Transform of Transpose of CXCL9
Ordinary one-way ANOVA of Transpose of CXCL9
Transpose of CCL2
Col Stats of Transpose of CCL2
Transform of Transpose of CCL2
Mann-Whitney test of Transform of Transpose of CCL2
Ordinary one-way ANOVA of Transform of Transpose of CC
New Analysis...
Graphs
IL8
IL8 line
Family
CXCL9
Transpose
Ordinary one-way ANOVA
ANOVA results
Multiple comparisons
Ordinary one-way ANOVA
Multiple comparisons
LPS vs. XO+LPS 10.03 -187.0 to 207.1 No ns >0.9999 C-F
XO+RBCL vs. XO+iRBCL -131.8 -328.9 to 65.21 No ns 0.3179 D-E
XO+RBCL vs. XO+LPS -8.282 -205.3 to 188.8 No ns >0.9999 D-F
XO+iRBCL vs. XO+LPS 123.6 -73.49 to 320.6 No ns 0.3835 E-F
Test details Mean 1 Mean 2 Mean Diff. SE of diff. n1 n2 q DF
RBCL vs. iRBCL 1.701 1.233 0.4684 62.01 4 4 0.01068 18
RBCL vs. LPS 1.701 31.70 -30.00 62.01 4 4 0.6843 18
RBCL vs. XO+RBCL 1.701 13.39 -11.69 62.01 4 4 0.2667 18
RBCL vs. XO+iRBCL 1.701 145.2 -143.5 62.01 4 4 3.274 18
RBCL vs. XO+LPS 1.701 21.68 -19.98 62.01 4 4 0.4556 18
iRBCL vs. LPS 1.233 31.70 -30.47 62.01 4 4 0.6950 18
iRBCL vs. XO+RBCL 1.233 13.39 -12.16 62.01 4 4 0.2774 18
iRBCL vs. XO+iRBCL 1.233 145.2 -144.0 62.01 4 4 3.285 18
iRBCL vs. XO+LPS 1.233 21.68 -20.44 62.01 4 4 0.4663 18
LPS vs. XO+RBCL 31.70 13.39 18.31 62.01 4 4 0.4176 18
LPS vs. XO+iRBCL 31.70 145.2 -113.5 62.01 4 4 2.590 18
LPS vs. XO+LPS 31.70 21.68 10.03 62.01 4 4 0.2287 18
XO+RBCL vs. XO+iRBCL 13.39 145.2 -131.8 62.01 4 4 3.007 18
XO+RBCL vs. XO+LPS 13.39 21.68 -8.282 62.01 4 4 0.1889 18
XO+iRBCL vs. XO+LPS 145.2 21.68 123.6 62.01 4 4 2.818 18
Ordinary one-way ANOVA of Transpose of CX
Row 1, Column A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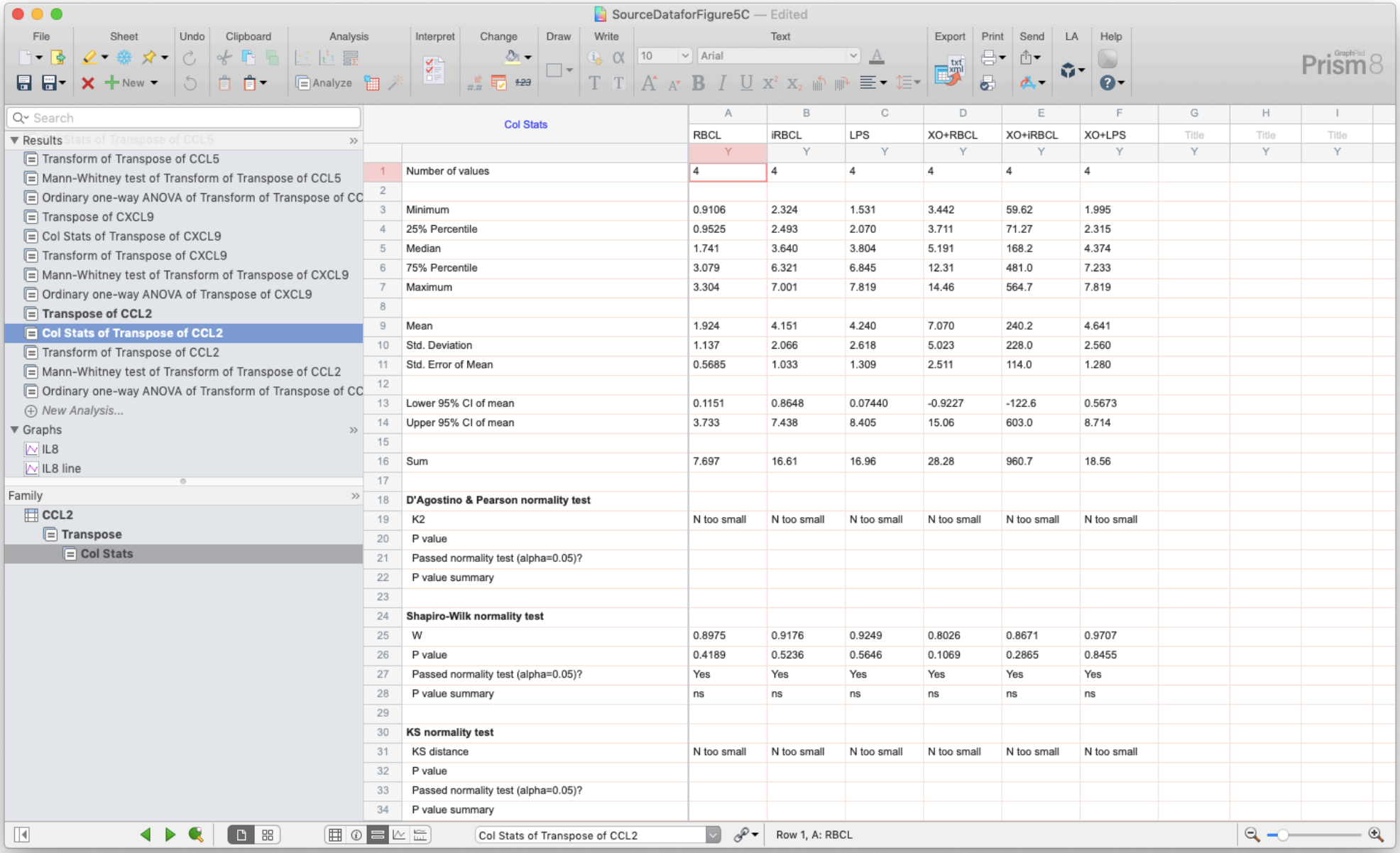
Results
Transform of Transpose of CCL5
Mann-Whitney test of Transform of Transpose of CCL5
Ordinary one-way ANOVA of Transform of Transpose of CC
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Mann-Whitney test of Transform of Transpose of CXCL9
Ordinary one-way ANOVA of Transpose of CXCL9
Transpose of CCL2
Col Stats of Transpose of CCL2
Transform of Transpose of CCL2
Mann-Whitney test of Transform of Transpose of CCL2
Ordinary one-way ANOVA of Transform of Transpose of
New Analysis...
Graphs
IL8
IL8 line
Family
CCL2
Transpose
Col Stats
Transform
Mann-Whitney test
Ordinary one-way ANOVA
Transpose
RBCL
iRBCL
LPS
XO+RBCL
XO+iRBCL
XO+LPS
Donor 1 1.078 3.003 3.920 5.865 230.158 5.473
Donor 2 3.304 7.001 7.819 14.456 564.680 7.819
Donor 3 0.911 4.278 1.531 3.442 59.615 1.995
Donor 4 2.404 2.324 3.688 4.517 106.228 3.276
Transpose of CCL2
Row 1, A: RBCL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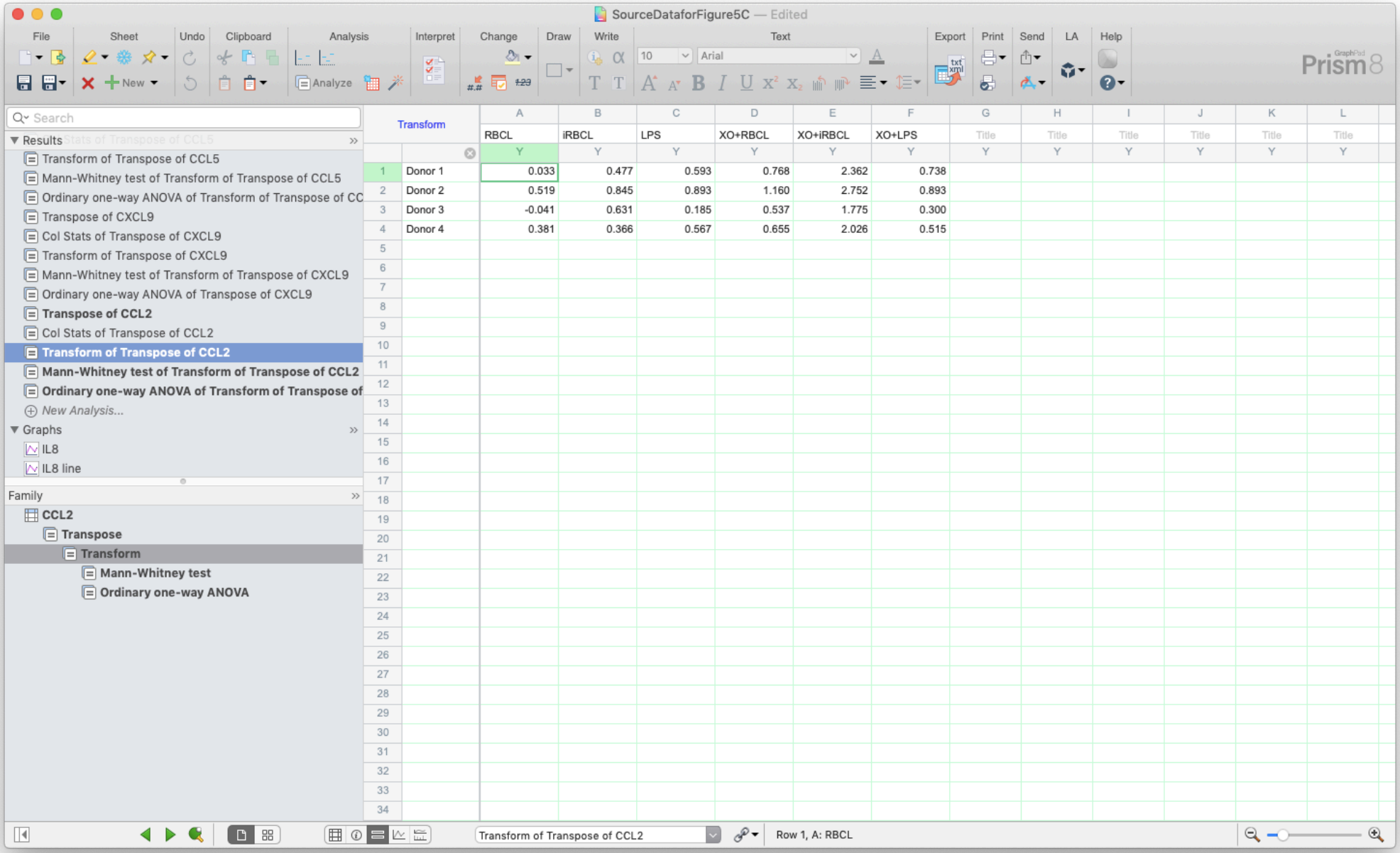
Results
Transform of Transpose of CCL5
Mann-Whitney test of Transform of Transpose of CCL5
Ordinary one-way ANOVA of Transform of Transpose of CC
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Mann-Whitney test of Transform of Transpose of CXCL9
Ordinary one-way ANOVA of Transpose of CXCL9
Transpose of CCL2
Col Stats of Transpose of CCL2
Transform of Transpose of CCL2
Mann-Whitney test of Transform of Transpose of CCL2
Ordinary one-way ANOVA of Transform of Transpose of CC
New Analysis...
Graphs
IL8
IL8 line
Family
CCL2
Transpose
Col Stats
Col Stats
RBCL
iRBCL
LPS
XO+RBCL
XO+iRBCL
XO+LPS
Number of values 4 4 4 4 4 4
Minimum 0.9106 2.324 1.531 3.442 59.62 1.995
25% Percentile 0.9525 2.493 2.070 3.711 71.27 2.315
Median 1.741 3.640 3.804 5.191 168.2 4.374
75% Percentile 3.079 6.321 6.845 12.31 481.0 7.233
Maximum 3.304 7.001 7.819 14.46 564.7 7.819
Mean 1.924 4.151 4.240 7.070 240.2 4.641
Std. Deviation 1.137 2.066 2.618 5.023 228.0 2.560
Std. Error of Mean 0.5685 1.033 1.309 2.511 114.0 1.280
Lower 95% CI of mean 0.1151 0.8648 0.07440 -0.9227 -122.6 0.5673
Upper 95% CI of mean 3.733 7.438 8.405 15.06 603.0 8.714
Sum 7.697 16.61 16.96 28.28 960.7 18.56
D'Agostino & Pearson normality test
K2 N too small N too small N too small N too small N too small N too small
P value
Passed normality test (alpha=0.05)?
P value summary
Shapiro-Wilk normality test
W 0.8975 0.9176 0.9249 0.8026 0.8671 0.9707
P value 0.4189 0.5236 0.5646 0.1069 0.2865 0.8455
Passed normality test (alpha=0.05)? Yes Yes Yes Yes Yes Yes
P value summary ns ns ns ns ns ns
KS normality test
KS distance N too small N too small N too small N too small N too small N too small
P value
Passed normality test (alpha=0.05)?
P value summary
Col Stats of Transpose of CCL2
Row 1, A: RBCL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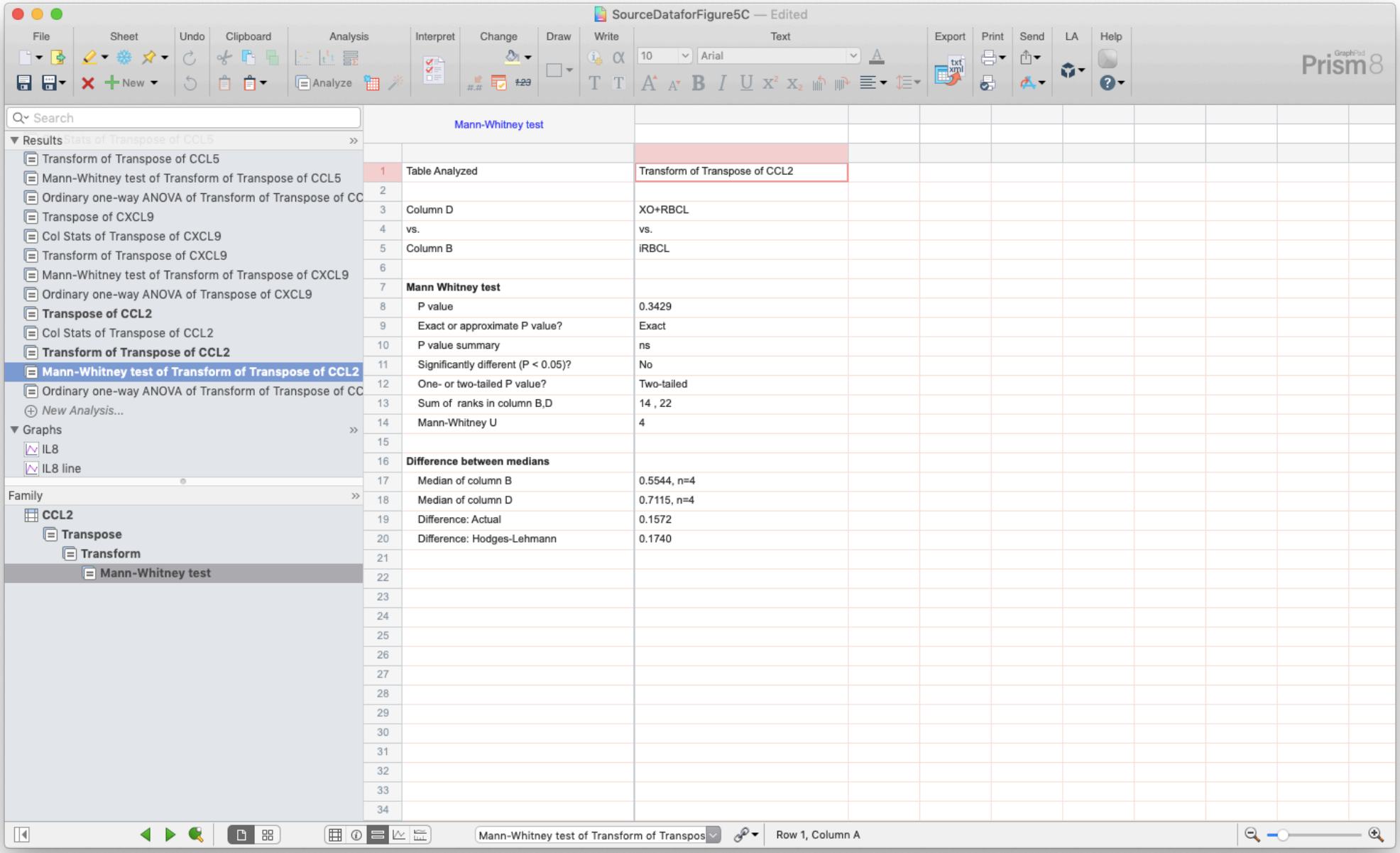
Mann-Whitney test of Transform of Transpose of CCL5
Ordinary one-way ANOVA of Transform of Transpose of CC
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Mann-Whitney test of Transform of Transpose of CXCL9
Ordinary one-way ANOVA of Transpose of CXCL9
Transpose of CCL2
Col Stats of Transpose of CCL2
Transform of Transpose of CCL2
Mann-Whitney test of Transform of Transpose of CCL2
Ordinary one-way ANOVA of Transform of Transpose of
New Analysis...
Graphs
IL8
IL8 line
Family
CCL2
Transpose
Transform
Mann-Whitney test
Ordinary one-way ANOVA
Transform
RBCL
iRBCL
LPS
XO+RBCL
XO+iRBCL
XO+LPS
Donor 1 0.033 0.477 0.593 0.768 2.362 0.738
Donor 2 0.519 0.845 0.893 1.160 2.752 0.893
Donor 3 -0.041 0.631 0.185 0.537 1.775 0.300
Donor 4 0.381 0.366 0.567 0.655 2.026 0.515
Transform of Transpose of CCL2
Row 1, A: RBCL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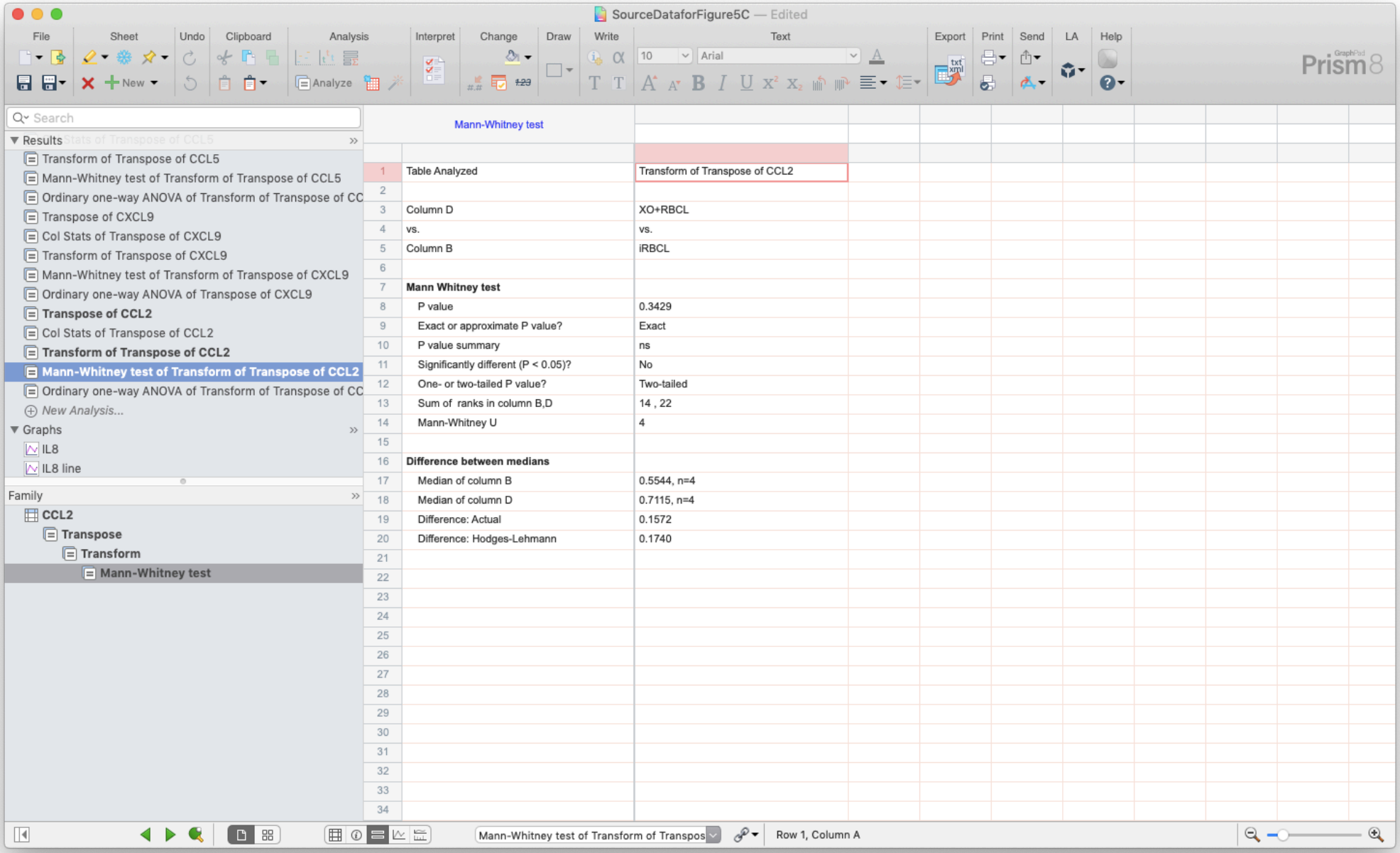
Transform of Transpose of CCL5
Mann-Whitney test of Transform of Transpose of CCL5
Ordinary one-way ANOVA of Transform of Transpose of CC
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Mann-Whitney test of Transform of Transpose of CXCL9
Ordinary one-way ANOVA of Transpose of CXCL9
Transpose of CCL2
Col Stats of Transpose of CCL2
Transform of Transpose of CCL2
Mann-Whitney test of Transform of Transpose of CCL2
Ordinary one-way ANOVA of Transform of Transpose of CC
New Analysis...
Graphs
IL8
IL8 line
Family
CCL2
Transpose
Transform
Mann-Whitney test
Mann-Whitney test
Table Analyzed
Transform of Transpose of CCL2
Column D
XO+RBCL
vs.
vs.
Column B
iRBCL
Mann Whitney test
P value
0.3429
Exact or approximate P value?
Exact
P value summary
ns
Significantly different (P < 0.05)?
No
One- or two-tailed P value?
Two-tailed
Sum of ranks in column B,D
14 , 22
Mann-Whitney U
4
Difference between medians
Median of column B
0.5544, n=4
Median of column D
0.7115, n=4
Difference: Actual
0.1572
Difference: Hodges-Lehmann
0.1740
Mann-Whitney test of Transform of Transpos
Row 1, Column A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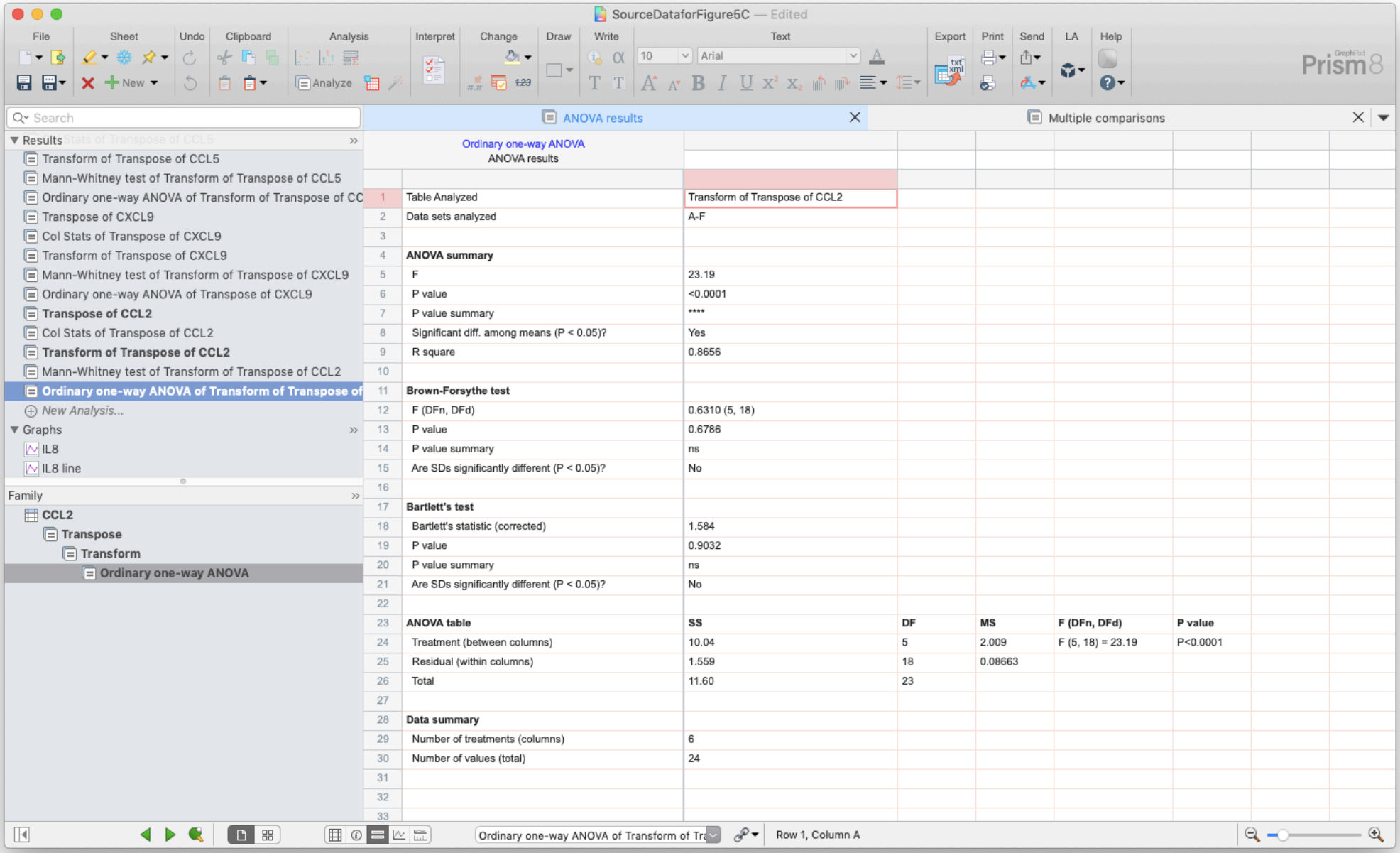
Transform of Transpose of CCL5
Mann-Whitney test of Transform of Transpose of CCL5
Ordinary one-way ANOVA of Transform of Transpose of CC
Transpose of CXCL9
Col Stats of Transpose of CXCL9
Transform of Transpose of CXCL9
Mann-Whitney test of Transform of Transpose of CXCL9
Ordinary one-way ANOVA of Transpose of CXCL9
Transpose of CCL2
Col Stats of Transpose of CCL2
Transform of Transpose of CCL2
Mann-Whitney test of Transform of Transpose of CCL2
Ordinary one-way ANOVA of Transform of Transpose of CC
New Analysis...
Graphs
IL8
IL8 line
Family
CCL2
Transpose
Transform
Mann-Whitney test
Mann-Whitney test
Table Analyzed
Transform of Transpose of CCL2
Column D
XO+RBCL
vs.
vs.
Column B
iRBCL
Mann Whitney test
P value
0.3429
Exact or approximate P value?
Exact
P value summary
ns
Significantly different (P < 0.05)?
No
One- or two-tailed P value?
Two-tailed
Sum of ranks in column B,D
14 , 22
Mann-Whitney U
4
Difference between medians
Median of column B
0.5544, n=4
Median of column D
0.7115, n=4
Difference: Actual
0.1572
Difference: Hodges-Lehmann
0.1740
Mann-Whitney test of Transform of Transpos
Row 1, Column A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Ordinary one-way ANOVA of Transform of Transpose of
New Analysis...
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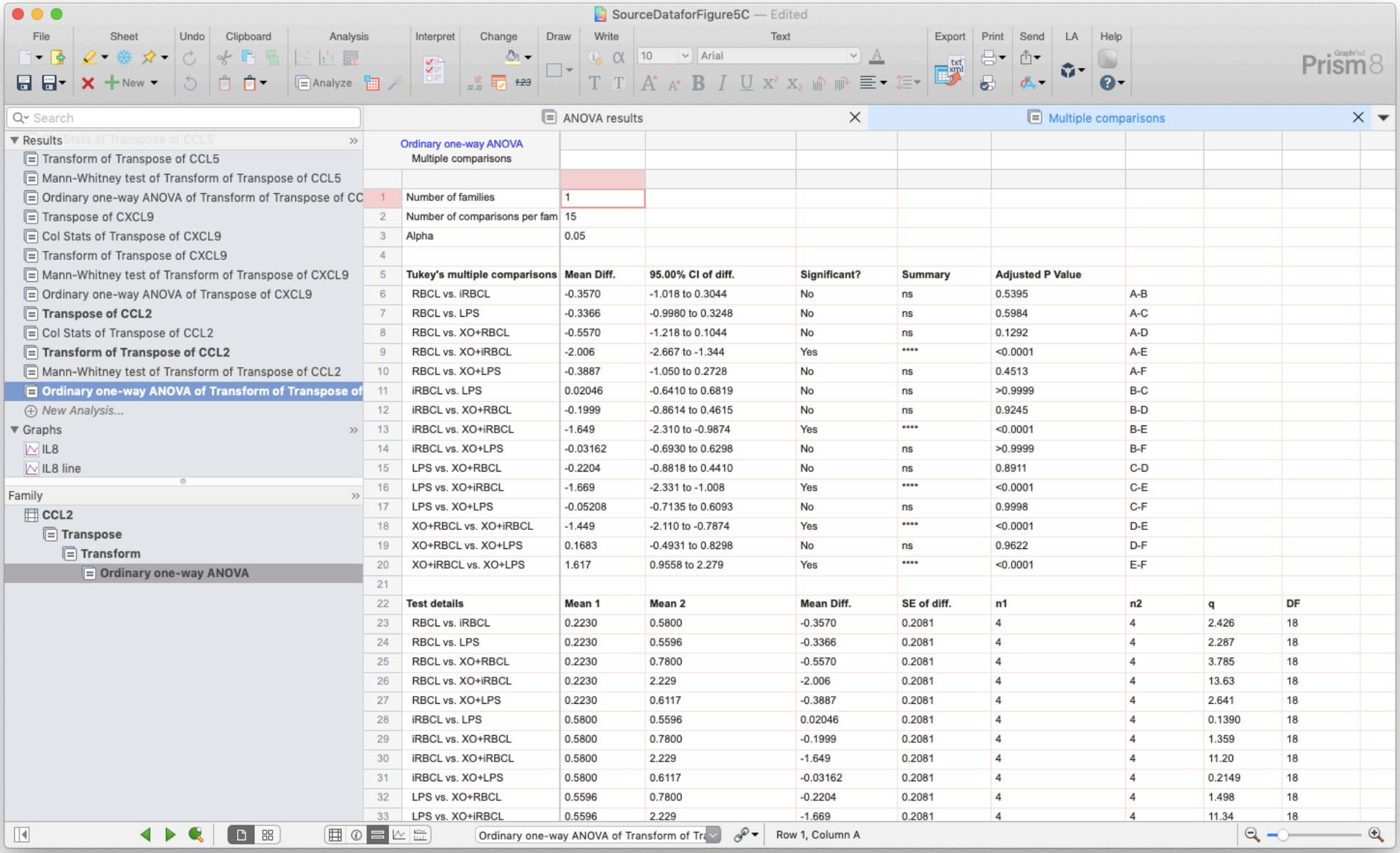
IL8 line
Family
CCL2
Transpose
Transform
Ordinary one-way ANOVA
ANOVA results
Multiple comparisons
Ordinary one-way ANOVA
ANOVA results
Table Analyzed
Transform of Transpose of CCL2
Data sets analyzed
A-F
ANOVA summary
F
23.19
P value
<0.0001
P value summary
****
Significant diff. among means (P < 0.05)?
Yes
R square
0.8656
Brown-Forsythe test
F (DFn, DFd)
0.6310 (5, 18)
P value
0.6786
P value summary
ns
Are SDs significantly different (P < 0.05)?
No
Bartlett's test
Bartlett's statistic (corrected)
1.584
P value
0.9032
P value summary
ns
Are SDs significantly different (P < 0.05)?
No
ANOVA table
SS
DF
MS
F (DFn, DFd)
P value
Treatment (between columns)
10.04
5
2.009
F (5, 18) = 23.19
P<0.0001
Residual (within columns)
1.559
18
0.08663
Total
11.60
23
Data summary
Number of treatments (columns)
6
Number of values (total)
24
Ordinary one-way ANOVA of Transform of Tra
Row 1, Column A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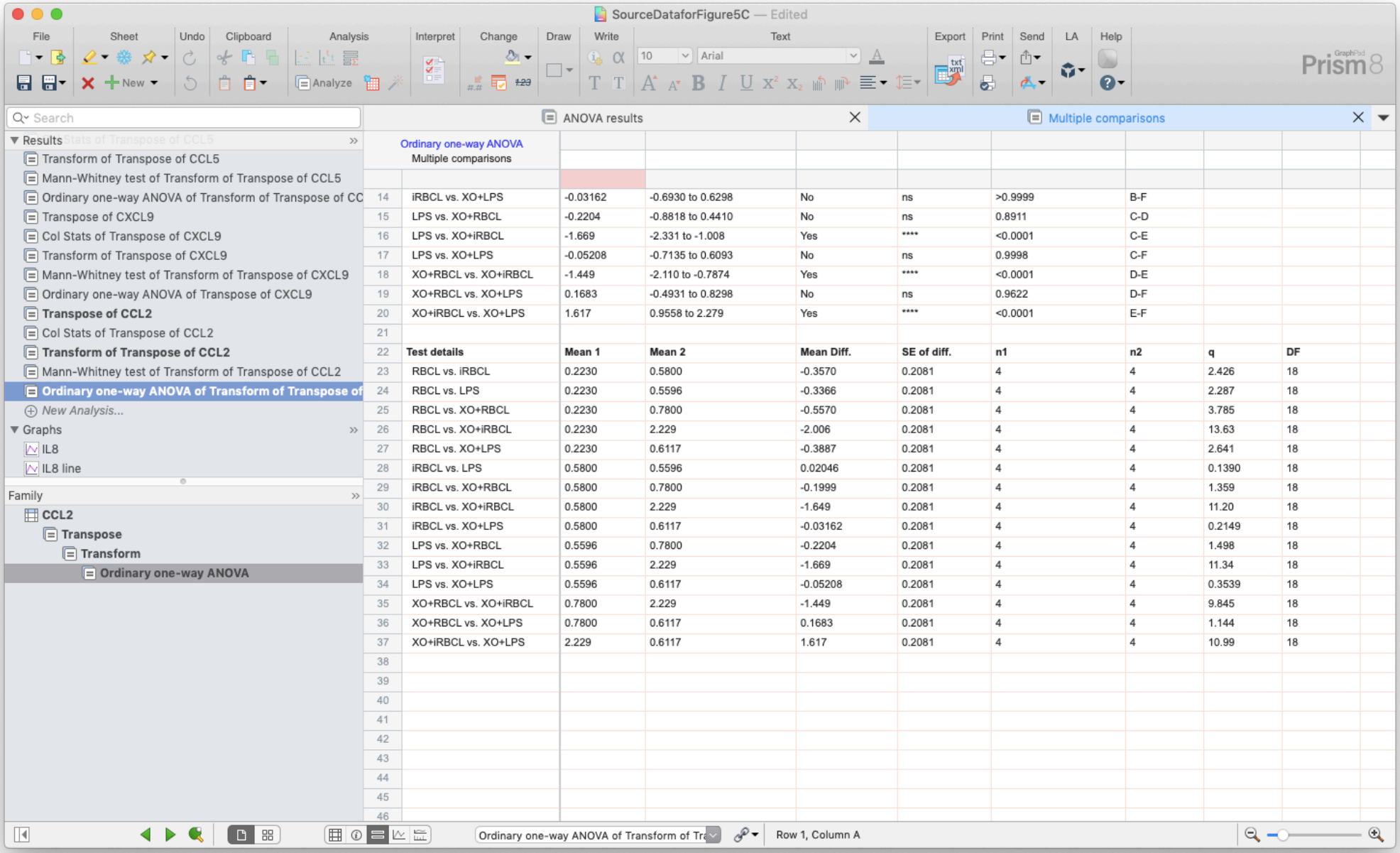
Transpose of CCL2
Col Stats of Transpose of CCL2
Transform of Transpose of CCL2
Mann-Whitney test of Transform of Transpose of CCL2
Ordinary one-way ANOVA of Transform of Transpose of
New Analysis...
Graphs
IL8
IL8 line
Family
CCL2
Transpose
Transform
Ordinary one-way ANOVA
ANOVA results
Multiple comparisons
Ordinary one-way ANOVA
Multiple comparisons
Number of families 1
Number of comparisons per fam 15
Alpha 0.05
Tukey's multiple comparisons | Mean Diff. | 95.00% CI of diff. | Significant? | Summary | Adjusted P Value
RBCL vs. iRBCL | -0.3570 | -1.018 to 0.3044 | No | ns | 0.5395 | A-B
RBCL vs. LPS | -0.3366 | -0.9980 to 0.3248 | No | ns | 0.5984 | A-C
RBCL vs. XO+RBCL | -0.5570 | -1.218 to 0.1044 | No | ns | 0.1292 | A-D
RBCL vs. XO+iRBCL | -2.006 | -2.667 to -1.344 | Yes | **** | <0.0001 | A-E
RBCL vs. XO+LPS | -0.3887 | -1.050 to 0.2728 | No | ns | 0.4513 | A-F
iRBCL vs. LPS | 0.02046 | -0.6410 to 0.6819 | No | ns | >0.9999 | B-C
iRBCL vs. XO+RBCL | -0.1999 | -0.8614 to 0.4615 | No | ns | 0.9245 | B-D
iRBCL vs. XO+iRBCL | -1.649 | -2.310 to -0.9874 | Yes | **** | <0.0001 | B-E
iRBCL vs. XO+LPS | -0.03162 | -0.6930 to 0.6298 | No | ns | >0.9999 | B-F
LPS vs. XO+RBCL | -0.2204 | -0.8818 to 0.4410 | No | ns | 0.8911 | C-D
LPS vs. XO+iRBCL | -1.669 | -2.331 to -1.008 | Yes | **** | <0.0001 | C-E
LPS vs. XO+LPS | -0.05208 | -0.7135 to 0.6093 | No | ns | 0.9998 | C-F
XO+RBCL vs. XO+iRBCL | -1.449 | -2.110 to -0.7874 | Yes | **** | <0.0001 | D-E
XO+RBCL vs. XO+LPS | 0.1683 | -0.4931 to 0.8298 | No | ns | 0.9622 | D-F
XO+iRBCL vs. XO+LPS | 1.617 | 0.9558 to 2.279 | Yes | **** | <0.0001 | E-F
Test details | Mean 1 | Mean 2 | Mean Diff. | SE of diff. | n1 | n2 | q | DF
RBCL vs. iRBCL | 0.2230 | 0.5800 | -0.3570 | 0.2081 | 4 | 4 | 2.426 | 18
RBCL vs. LPS | 0.2230 | 0.5596 | -0.3366 | 0.2081 | 4 | 4 | 2.287 | 18
RBCL vs. XO+RBCL | 0.2230 | 0.7800 | -0.5570 | 0.2081 | 4 | 4 | 3.785 | 18
RBCL vs. XO+iRBCL | 0.2230 | 2.229 | -2.006 | 0.2081 | 4 | 4 | 13.63 | 18
RBCL vs. XO+LPS | 0.2230 | 0.6117 | -0.3887 | 0.2081 | 4 | 4 | 2.641 | 18
iRBCL vs. LPS | 0.5800 | 0.5596 | 0.02046 | 0.2081 | 4 | 4 | 0.1390 | 18
iRBCL vs. XO+RBCL | 0.5800 | 0.7800 | -0.1999 | 0.2081 | 4 | 4 | 1.359 | 18
iRBCL vs. XO+iRBCL | 0.5800 | 2.229 | -1.649 | 0.2081 | 4 | 4 | 11.20 | 18
iRBCL vs. XO+LPS | 0.5800 | 0.6117 | -0.03162 | 0.2081 | 4 | 4 | 0.2149 | 18
LPS vs. XO+RBCL | 0.5596 | 0.7800 | -0.2204 | 0.2081 | 4 | 4 | 1.498 | 18
LPS vs. XO+iRBCL | 0.5596 | 2.229 | -1.669 | 0.2081 | 4 | 4 | 11.34 | 18
Ordinary one-way ANOVA of Transform of Tra
Row 1, Column A



	Ordinary one-way ANOVA Multiple comparisons									
14	iRBCL vs. XO+LPS	-0.03162	-0.6930 to 0.6298	No	ns	>0.9999	B-F			
15	LPS vs. XO+RBCL	-0.2204	-0.8818 to 0.4410	No	ns	0.8911	C-D			
16	LPS vs. XO+iRBCL	-1.669	-2.331 to -1.008	Yes	****	<0.0001	C-E			
17	LPS vs. XO+LPS	-0.05208	-0.7135 to 0.6093	No	ns	0.9998	C-F			
18	XO+RBCL vs. XO+iRBCL	-1.449	-2.110 to -0.7874	Yes	****	<0.0001	D-E			
19	XO+RBCL vs. XO+LPS	0.1683	-0.4931 to 0.8298	No	ns	0.9622	D-F			
20	XO+iRBCL vs. XO+LPS	1.617	0.9558 to 2.279	Yes	****	<0.0001	E-F			
21										
22	**Test details**	**Mean 1**	**Mean 2**	**Mean Diff.**	**SE of diff.**	**n1**	**n2**	**q**	**DF**	
23	RBCL vs. iRBCL	0.2230	0.5800	-0.3570	0.2081	4	4	2.426	18	
24	RBCL vs. LPS	0.2230	0.5596	-0.3366	0.2081	4	4	2.287	18	
25	RBCL vs. XO+RBCL	0.2230	0.7800	-0.5570	0.2081	4	4	3.785	18	
26	RBCL vs. XO+iRBCL	0.2230	2.229	-2.006	0.2081	4	4	13.63	18	
27	RBCL vs. XO+LPS	0.2230	0.6117	-0.3887	0.2081	4	4	2.641	18	
28	iRBCL vs. LPS	0.5800	0.5596	0.02046	0.2081	4	4	0.1390	18	
29	iRBCL vs. XO+RBCL	0.5800	0.7800	-0.1999	0.2081	4	4	1.359	18	
30	iRBCL vs. XO+iRBCL	0.5800	2.229	-1.649	0.2081	4	4	11.20	18	
31	iRBCL vs. XO+LPS	0.5800	0.6117	-0.03162	0.2081	4	4	0.2149	18	
32	LPS vs. XO+RBCL	0.5596	0.7800	-0.2204	0.2081	4	4	1.498	18	
33	LPS vs. XO+iRBCL	0.5596	2.229	-1.669	0.2081	4	4	11.34	18	
34	LPS vs. XO+LPS	0.5596	0.6117	-0.05208	0.2081	4	4	0.3539	18	
35	XO+RBCL vs. XO+iRBCL	0.7800	2.229	-1.449	0.2081	4	4	9.845	18	
36	XO+RBCL vs. XO+LPS	0.7800	0.6117	0.1683	0.2081	4	4	1.144	18	
37	XO+iRBCL vs. XO+LPS	2.229	0.6117	1.617	0.2081	4	4	10.99	18	
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