

Principal Component Analysis

Component Loadings

	Component	
	1	Uniqueness
c-fos-HPC	-0.887	0.213
IR-HPC	0.817	0.332
NMDAR-HPC	0.708	0.499
GLUT3-HPC	-0.689	0.526
AMPK-HPC	0.412	0.831
Glutamate-HPC		0.963
AMPA-R-HPC		0.984
GLUT4-HPC		0.990
Insulin-HPC		0.994

Note: 'varimax' rotation was used

Component Statistics

Summary

Component	SS Loadings	% of Variance	Cumulative %
1	2.67	29.7	29.7

Assumption Checks

Bartlett's Test of Sphericity

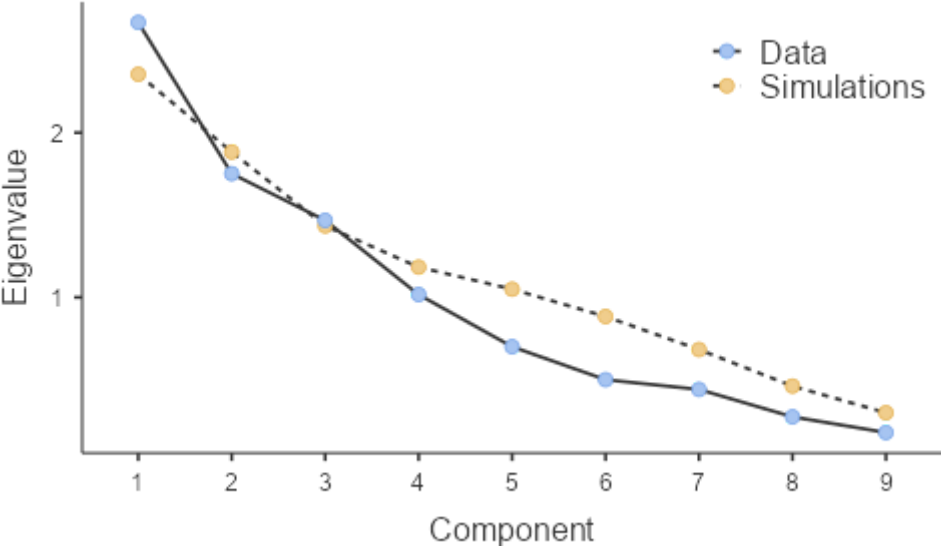
χ^2	df	p
56.3	36	0.017

Eigenvalues

Initial Eigenvalues

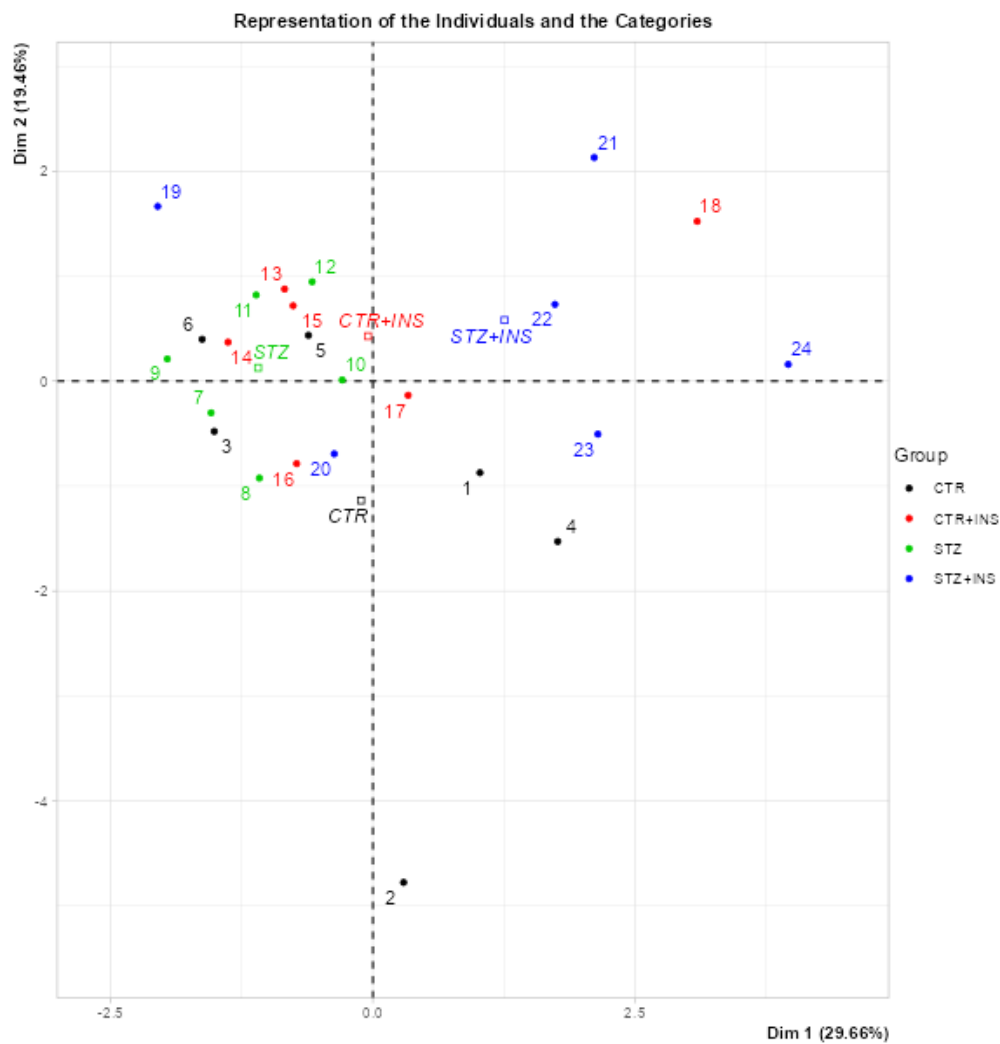
Component	Eigenvalue	% of Variance	Cumulative %
1	2.669	29.66	29.7
2	1.751	19.46	49.1
3	1.468	16.31	65.4
4	1.017	11.30	76.7
5	0.700	7.78	84.5
6	0.500	5.56	90.1
7	0.441	4.90	95.0
8	0.274	3.05	98.0
9	0.179	1.99	100.0

Scree Plot

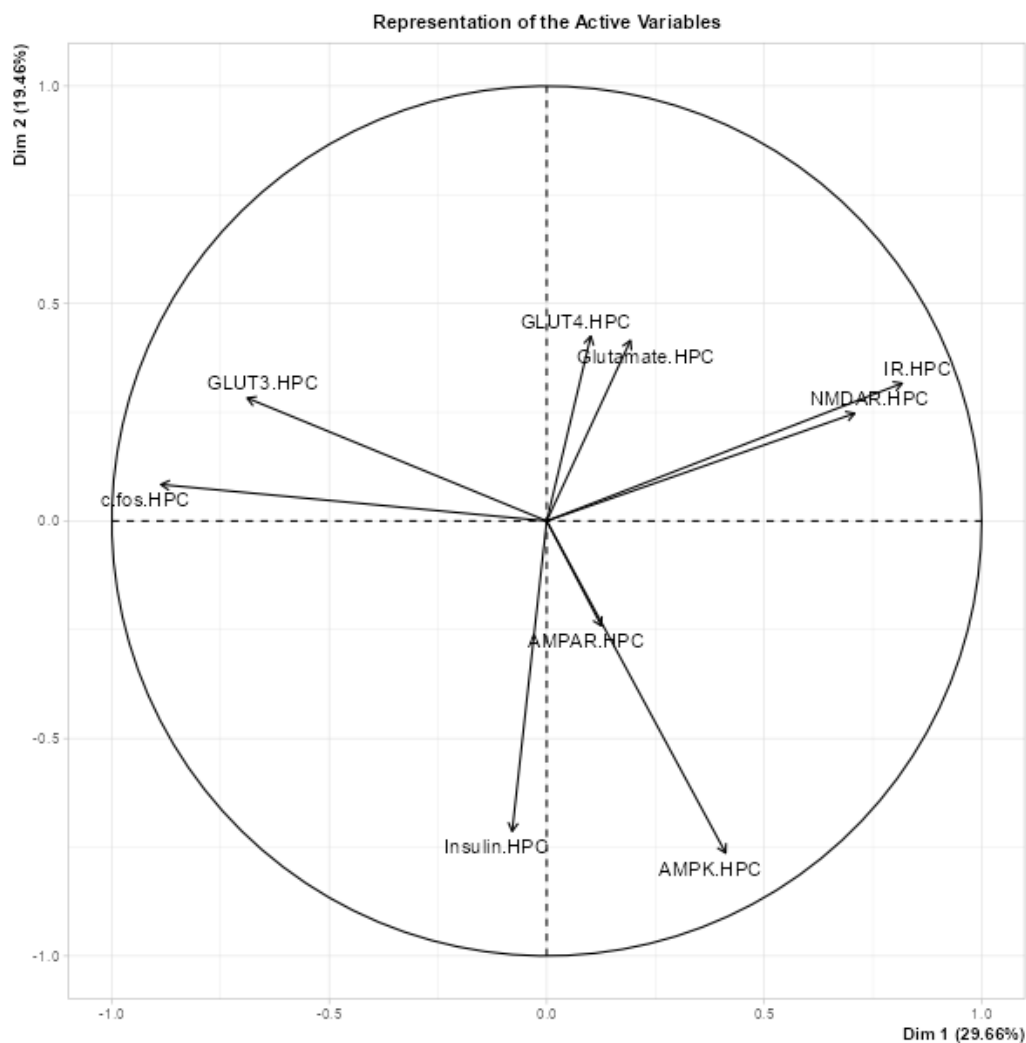


Results of the Principal Component Analysis

Representation of the Individuals (and the Categories)



Representation of the Variables



Eigenvalue Decomposition

Eigenvalue and (Cumulative) Percentage of Variance

	Eigenvalue	% of the variance	Cumulative %
Dim. 1	2.669	29.66	29.7
Dim. 2	1.751	19.46	49.1
Dim. 3	1.468	16.31	65.4
Dim. 4	1.017	11.30	76.7
Dim. 5	0.700	7.78	84.5
Dim. 6	0.500	5.56	90.1
Dim. 7	0.441	4.90	95.0
Dim. 8	0.274	3.05	98.0
Dim. 9	0.179	1.99	100.0

Automatic Description of the Axes

```

$Dim.1
$quant1
      correlation  p.value
IR.HPC          0.8173 1.089e-06
NMDAR.HPC        0.7081 1.083e-04
AMPK.HPC         0.4115 4.571e-02
GLUT3.HPC       -0.6888 1.976e-04
c.fos.HPC       -0.8870 7.792e-09

$category
      Estimate p.value
Group=STZ+INS  1.255 0.02997

attr(,"class")
[1] "condes" "list"

```

```
$Dim.2
$quanti
      correlation  p.value
GLUT4.HPC      0.4250 3.844e-02
Glutamate.HPC  0.4150 4.375e-02
Insulin.HPC    -0.7134 9.086e-05
AMPK.HPC      -0.7634 1.427e-05
```

```
$category
      Estimate p.value
Group=CTR    -1.137 0.01372
```

```
attr(,"class")
[1] "condes" "list"
```

```
$Dim.3
$quanti
      correlation  p.value
Glutamate.HPC    0.5222 0.0088615
Insulin.HPC      0.4994 0.0129743
NMDAR.HPC        0.4439 0.0297726
GLUT4.HPC        -0.5143 0.0101400
AMPAR.HPC        -0.6452 0.0006635
```

```
$quali
      R2 p.value
Group 0.3788 0.02084
```

```
$category
      Estimate p.value
Group=STZ+INS  1.271 0.001713
```

```
attr(,"class")
[1] "condes" "list"
```

```
$Dim.4
$quanti
      correlation  p.value
AMPAR.HPC      0.5782 0.003079
Glutamate.HPC  0.4436 0.029897
GLUT4.HPC      -0.4990 0.013053
```

```
attr(,"class")
[1] "condes" "list"
```

```
$Dim.5
$quanti
      correlation  p.value
Glutamate.HPC    0.5190 0.009353
GLUT4.HPC        0.4907 0.014896
```

```
attr(,"class")
[1] "condes" "list"
```

Variable Tables

Coordinates Table

	Dim.1	Dim.2	Dim.3	Dim.4	Dim.5
Glutamate.HPC	0.1926	0.4150	0.5222	0.4436	0.5190
Insulin.HPC	-0.0794	-0.7134	0.4994	-0.1929	0.2556
c.fos.HPC	-0.8870	0.0838	-0.0381	-0.0771	-0.0584
IR.HPC	0.8173	0.3166	-0.1115	0.1606	-0.2631
GLUT3.HPC	-0.6888	0.2827	0.2126	0.3628	-0.0650
GLUT4.HPC	0.1014	0.4250	-0.5143	-0.4990	0.4907
AMPAR.HPC	0.1258	-0.2413	-0.6452	0.5782	0.1733
NMDAR.HPC	0.7081	0.2474	0.4439	-0.1614	-0.0987
AMPK.HPC	0.4115	-0.7634	-0.0930	0.1010	0.0901

Contributions Table

	Dim.1	Dim.2	Dim.3	Dim.4	Dim.5
Glutamate.HPC	1.390	9.834	18.5783	19.353	38.467
Insulin.HPC	0.236	29.064	16.9930	3.658	9.330
c.fos.HPC	29.471	0.401	0.0990	0.585	0.488
IR.HPC	25.024	5.724	0.8470	2.536	9.882
GLUT3.HPC	17.775	4.563	3.0786	12.940	0.603
GLUT4.HPC	0.385	10.313	18.0219	24.486	34.390
AMPA.HPC	0.593	3.326	28.3642	32.879	4.290
NMDAR.HPC	18.782	3.495	13.4286	2.561	1.391
AMPK.HPC	6.345	33.280	0.5895	1.003	1.159

Principal Component Analysis

Component Loadings

	Component	
	1	Uniqueness
GLUT4-HPT	0.749	0.439
NMDAR-HPT	0.619	0.617
Insulin-HPT	0.602	0.637
AMPAR-HPT	0.559	0.687
GLUT3-HPT	0.518	0.731
IR-HPT	0.465	0.784
c-fos-HPT		0.923
AMPK-HPT		0.944
Glutamate-HPT		0.954

Note: 'varimax' rotation was used

Component Statistics

Summary

Component	SS Loadings	% of Variance	Cumulative %
1	2.28	25.4	25.4

Assumption Checks

Bartlett's Test of Sphericity

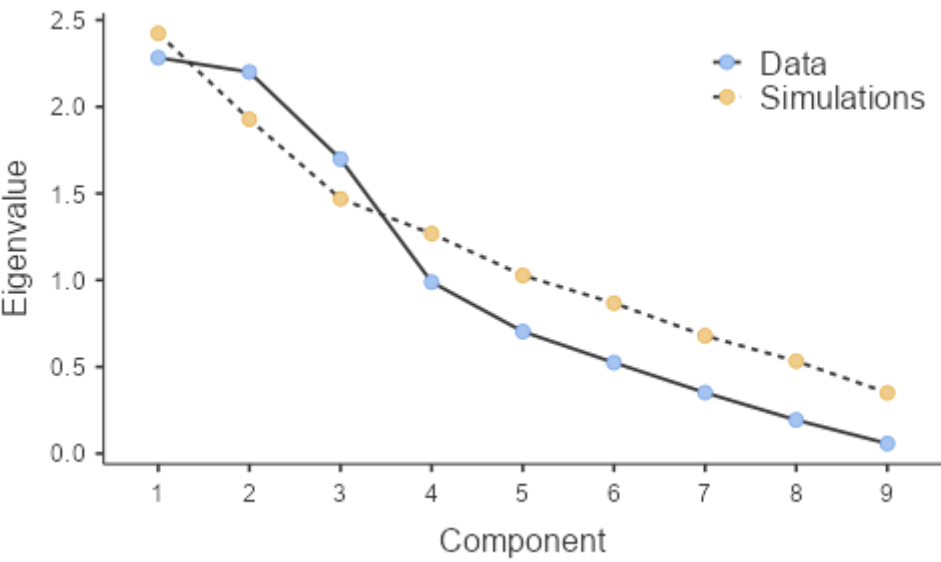
χ^2	df	p
84.5	36	< .001

Eigenvalues

Initial Eigenvalues

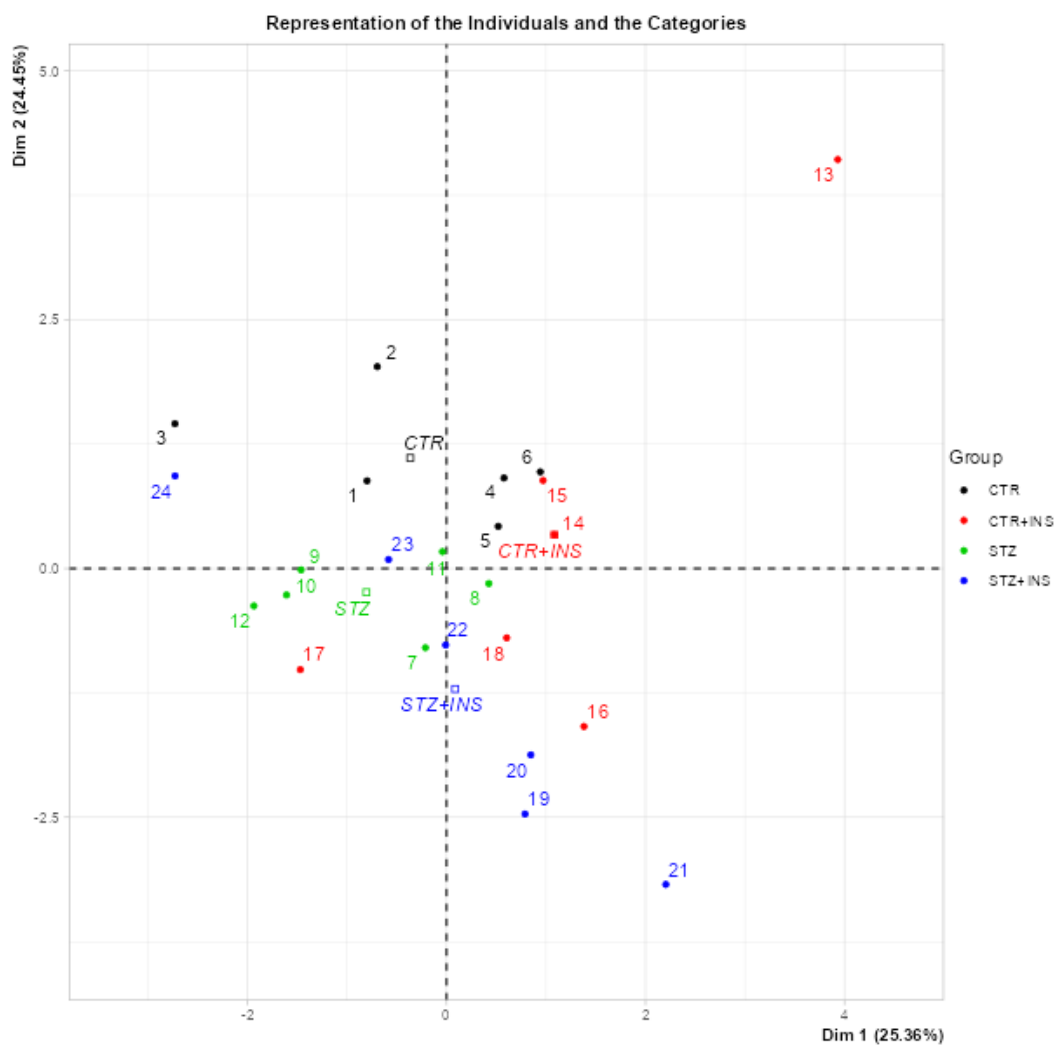
Component	Eigenvalue	% of Variance	Cumulative %
1	2.2826	25.363	25.4
2	2.2004	24.449	49.8
3	1.6984	18.871	68.7
4	0.9885	10.984	79.7
5	0.7035	7.817	87.5
6	0.5243	5.826	93.3
7	0.3512	3.902	97.2
8	0.1932	2.147	99.4
9	0.0578	0.642	100.0

Scree Plot

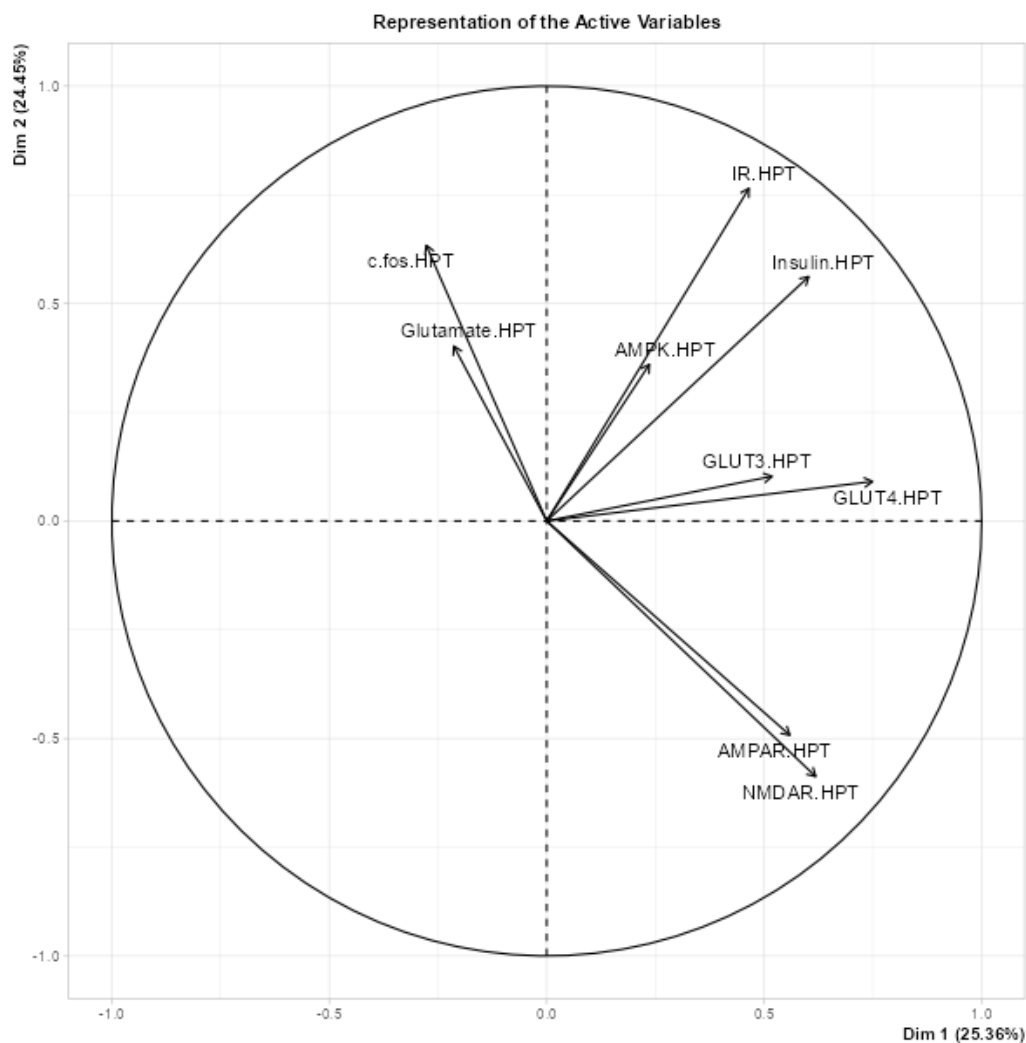


Results of the Principal Component Analysis

Representation of the Individuals (and the Categories)



Representation of the Variables



Eigenvalue Decomposition

Eigenvalue and (Cumulative) Percentage of Variance

	Eigenvalue	% of the variance	Cumulative %
Dim. 1	2.2826	25.363	25.4
Dim. 2	2.2004	24.449	49.8
Dim. 3	1.6984	18.871	68.7
Dim. 4	0.9885	10.984	79.7
Dim. 5	0.7035	7.817	87.5
Dim. 6	0.5243	5.826	93.3
Dim. 7	0.3512	3.902	97.2
Dim. 8	0.1932	2.147	99.4
Dim. 9	0.0578	0.642	100.0

Automatic Description of the Axes

```

$Dim.1
$quanti
      correlation  p.value
GLUT4.HPT      0.7492 2.519e-05
NMDAR.HPT      0.6185 1.273e-03
Insulin.HPT    0.6025 1.837e-03
AMPAR.HPT      0.5591 4.508e-03
GLUT3.HPT      0.5182 9.488e-03
IR.HPT         0.4650 2.204e-02

$category
      Estimate p.value
Group=CTR+INS 1.084 0.0442

attr(,"class")
[1] "condes" "list"

```

```

$Dim.2
$quanti
      correlation  p.value
IR.HPT          0.7648 1.346e-05
c.fos.HPT        0.6338 8.839e-04
Insulin.HPT      0.5619 4.270e-03
AMPA.HPT         -0.4925 1.448e-02
NMDAR.HPT        -0.5876 2.534e-03

$quali
      R2  p.value
Group 0.3263 0.04426

$category
      Estimate  p.value
Group=CTR      1.111 0.03480
Group=STZ+INS  -1.211 0.02012

attr(,"class")
[1] "condes" "list"

$Dim.3
$quanti
      correlation  p.value
GLUT3.HPT         0.7767 8.097e-06
Glutamate.HPT     0.6067 1.673e-03
GLUT4.HPT         0.4842 1.649e-02
Insulin.HPT       -0.4978 1.332e-02

$quali
      R2  p.value
Group 0.5884 0.0004081

$category
      Estimate  p.value
Group=CTR      1.624 7.42e-05

attr(,"class")
[1] "condes" "list"

$Dim.4
$quanti
      correlation  p.value
c.fos.HPT         0.5561 4.774e-03
AMPK.HPT          -0.7121 9.505e-05

$quali
      R2  p.value
Group 0.4861 0.003469

$category
      Estimate  p.value
Group=CTR+INS    0.9110 0.007862
Group=STZ        -0.9281 0.006581

attr(,"class")
[1] "condes" "list"

$Dim.5
$quanti
      correlation  p.value
Glutamate.HPT     0.5656 0.003973

$category
      Estimate  p.value
Group=STZ        -0.5913 0.04838

attr(,"class")
[1] "condes" "list"

```

Individual Tables

Coordinates Table

	Dim.1	Dim.2	Dim.3	Dim.4	Dim.5
1	-0.79927	0.8809	1.2366	-0.350	-0.9834
2	-0.69613	2.0279	1.4852	0.277	0.3625
3	-2.73056	1.4547	0.7312	-0.572	2.4247
4	0.57706	0.9093	1.6151	0.337	-0.1110
5	0.51988	0.4233	1.6255	-0.448	0.7287
6	0.94229	0.9708	3.0506	-1.229	0.3183
7	-0.21266	-0.7959	-1.2684	-0.950	0.0654
8	0.42507	-0.1512	-0.0272	-0.319	-0.7215
9	-1.46176	-0.0140	-1.5527	-0.779	-0.0556
10	-1.60900	-0.2664	-0.9458	-0.956	-0.4024
11	-0.04116	0.1688	0.3415	-0.505	-2.0129
12	-1.93643	-0.3759	-1.8889	-2.060	-0.4210
13	3.93330	4.1092	-2.8596	-0.212	0.5680
14	1.08387	0.3385	-0.7531	0.911	0.0499
15	0.97044	0.8843	-0.5790	0.815	-0.7326
16	1.38103	-1.5873	0.5484	0.425	-0.2451
17	-1.47024	-1.0165	-1.6170	1.764	0.8261
18	0.60480	-0.6969	0.7416	1.762	-0.1668
19	0.78872	-2.4672	-0.2980	0.346	0.9489
20	0.84758	-1.8727	0.2067	-1.051	-0.1557
21	2.20419	-3.1748	-0.1487	-0.233	1.0426
22	-0.00874	-0.7690	0.6539	0.598	-0.6802
23	-0.58300	0.0901	0.1384	0.258	-0.2061
24	-2.72926	0.9301	-0.4362	2.170	-0.4406

Contributions Table

	Dim.1	Dim.2	Dim.3	Dim.4	Dim.5
1	1.16612	1.4695	3.75157	0.515	5.7277
2	0.88457	7.7869	5.41126	0.323	0.7782
3	13.60989	4.0071	1.31154	1.381	34.8205
4	0.60784	1.5656	6.39944	0.479	0.0730
5	0.49336	0.3392	6.48232	0.847	3.1451
6	1.62077	1.7845	22.82998	6.371	0.5999
7	0.08255	1.1995	3.94698	3.801	0.0253
8	0.32982	0.0433	0.00182	0.429	3.0829
9	3.90034	3.70e-4	5.91466	2.558	0.0183
10	4.72569	0.1344	2.19469	3.856	0.9589
11	0.00309	0.0539	0.28607	1.074	23.9976
12	6.84472	0.2675	8.75288	17.879	1.0499
13	28.24013	31.9753	20.06166	0.189	1.9109
14	2.14438	0.2170	1.39143	3.498	0.0147
15	1.71904	1.4807	0.82257	2.803	3.1791
16	3.48141	4.7711	0.73791	0.762	0.3559
17	3.94575	1.9568	6.41411	13.122	4.0419
18	0.66770	0.9198	1.34936	13.084	0.1648
19	1.13551	11.5270	0.21782	0.504	5.3326
20	1.31135	6.6408	0.10484	4.656	0.1436
21	8.86847	19.0864	0.05426	0.228	6.4376
22	1.40e-4	1.1197	1.04901	1.509	2.7401
23	0.62042	0.0154	0.04698	0.280	0.2516
24	13.59695	1.6382	0.46685	19.851	1.1496

Variable Tables

Coordinates Table

	Dim.1	Dim.2	Dim.3	Dim.4	Dim.5
Glutamate.HPT	-0.214	0.4021	0.6067	-0.2269	0.5656
Insulin.HPT	0.602	0.5619	-0.4978	0.0999	0.0875
c.fos.HPT	-0.277	0.6338	0.0864	0.5561	-0.2060
IR.HPT	0.465	0.7648	-0.1643	0.1368	0.2651
GLUT3.HPT	0.518	0.1026	0.7767	-0.0759	-0.1369
GLUT4.HPT	0.749	0.0908	0.4842	0.0135	-0.3355
AMPA.HPT	0.559	-0.4925	-0.2304	0.2923	0.1709
NMDAR.HPT	0.619	-0.5876	-0.0209	0.0255	0.2580
AMPK.HPT	0.236	0.3602	-0.3962	-0.7121	-0.1903

Contributions Table

	Dim.1	Dim.2	Dim.3	Dim.4	Dim.5
Glutamate.HPT	2.00	7.347	21.6688	5.2093	45.47
Insulin.HPT	15.90	14.349	14.5884	1.0097	1.09
c.fos.HPT	3.36	18.254	0.4392	31.2864	6.03
IR.HPT	9.47	26.585	1.5892	1.8932	9.99
GLUT3.HPT	11.76	0.478	35.5165	0.5825	2.67
GLUT4.HPT	24.59	0.374	13.8060	0.0185	16.00
AMPA.HPT	13.69	11.025	3.1254	8.6411	4.15
NMDAR.HPT	16.76	15.692	0.0257	0.0660	9.46
AMPK.HPT	2.45	5.895	9.2409	51.2932	5.15

Principal Component Analysis

Component Loadings

	Component	Uniqueness
	1	
GLUT4-TC	0.807	0.349
GLUT3-TC	0.804	0.353
AMPK-TC	-0.675	0.544
NMDAR-TC	0.643	0.587
Insulin-TC	0.468	0.781
AMPAR-TC	0.428	0.817
IR-TC	0.372	0.862
c-fos-TC		0.975
Glutamate-TC		0.992

Note: 'varimax' rotation was used

Component Statistics

Summary

Component	SS Loadings	% of Variance	Cumulative %
1	2.74	30.4	30.4

Assumption Checks

Bartlett's Test of Sphericity

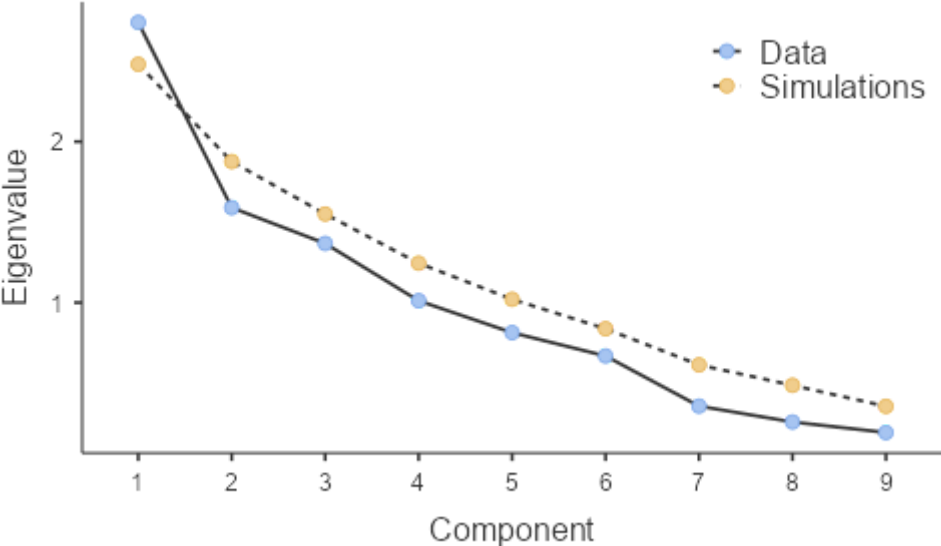
χ^2	df	p
54.4	36	0.025

Eigenvalues

Initial Eigenvalues

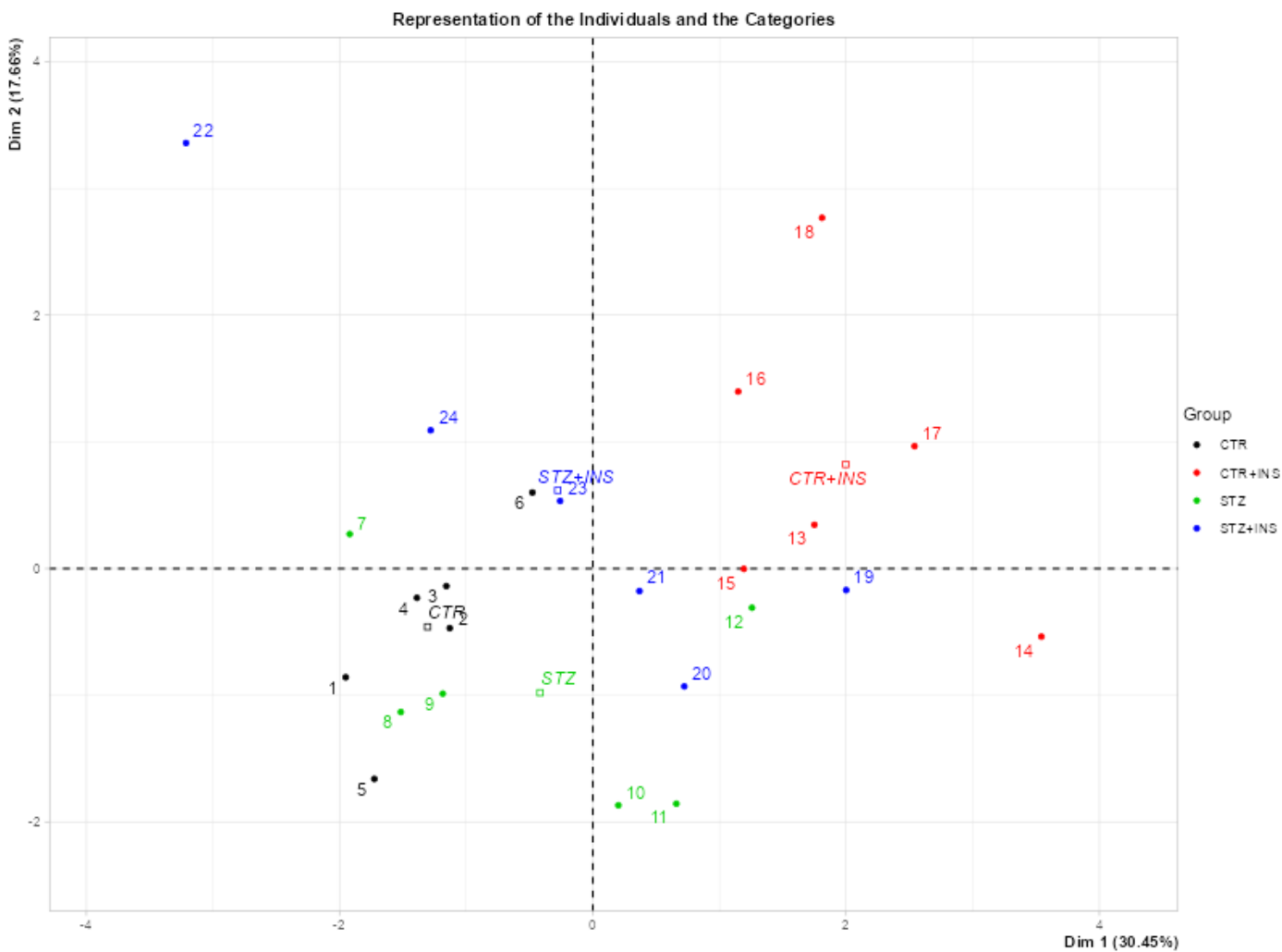
Component	Eigenvalue	% of Variance	Cumulative %
1	2.740	30.45	30.4
2	1.590	17.66	48.1
3	1.367	15.19	63.3
4	1.011	11.24	74.5
5	0.814	9.04	83.6
6	0.669	7.43	91.0
7	0.357	3.97	95.0
8	0.258	2.87	97.9
9	0.193	2.15	100.0

Scree Plot

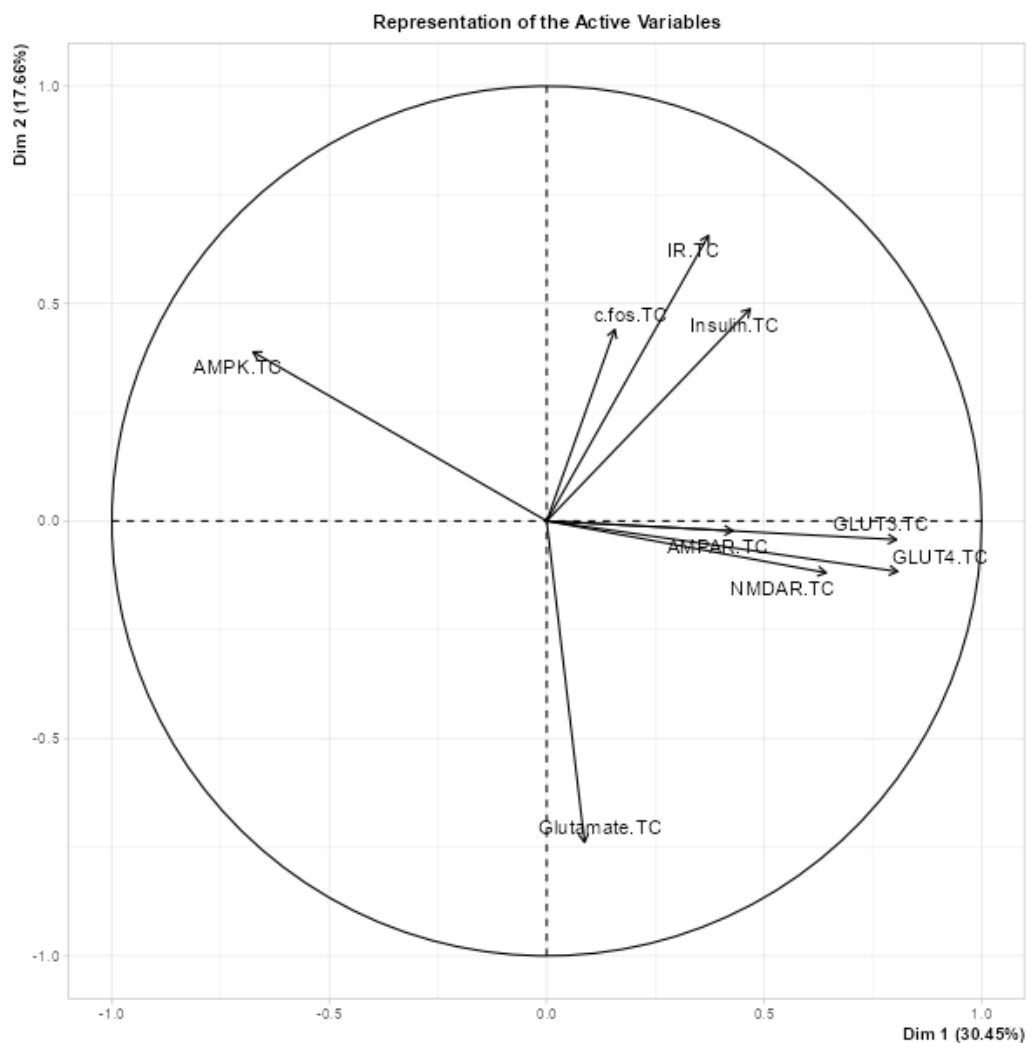


Results of the Principal Component Analysis

Representation of the Individuals (and the Categories)



Representation of the Variables



Eigenvalue Decomposition

Eigenvalue and (Cumulative) Percentage of Variance

	Eigenvalue	% of the variance	Cumulative %
Dim. 1	2.740	30.45	30.4
Dim. 2	1.590	17.66	48.1
Dim. 3	1.367	15.19	63.3
Dim. 4	1.011	11.24	74.5
Dim. 5	0.814	9.04	83.6
Dim. 6	0.669	7.43	91.0
Dim. 7	0.357	3.97	95.0
Dim. 8	0.258	2.87	97.9
Dim. 9	0.193	2.15	100.0

Automatic Description of the Axes

```

$Dim.1
$quanti
      correlation  p.value
GLUT4.TC      0.8070 1.889e-06
GLUT3.TC      0.8042 2.192e-06
NMDAR.TC      0.6426 7.087e-04
Insulin.TC     0.4681 2.106e-02
AMPA.R.TC      0.4282 3.685e-02
AMPK.TC       -0.6754 2.928e-04

$quali
      R2  p.value
Group 0.5421 0.001144

$category
      Estimate  p.value

```

```
Group=CTR+INS      1.998 0.0001554
Group=CTR          -1.305 0.0254709

attr(,"class")
[1] "condes" "list"

$Dim.2
$quanti
      correlation  p.value
IR.TC           0.6564 4.947e-04
Insulin.TC       0.4876 1.565e-02
c.fos.TC         0.4403 3.129e-02
Glutamate.TC     -0.7390 3.714e-05

$quali
      R2 p.value
Group 0.3508 0.03144

$category
      Estimate p.value
Group=STZ  -0.9804 0.02777

attr(,"class")
[1] "condes" "list"

$Dim.3
$quanti
      correlation  p.value
AMPA.TC           0.7005 0.0001379
IR.TC             0.5237 0.0086227
Glutamate.TC      0.4450 0.0293520
GLUT3.TC          -0.4058 0.0491145

attr(,"class")
[1] "condes" "list"

$Dim.4
$quanti
      correlation  p.value
c.fos.TC          0.7299 5.155e-05

$quali
      R2 p.value
Group 0.4357 0.008443

$category
      Estimate p.value
Group=CTR   0.8984 0.009888
Group=STZ  -0.9759 0.004411

attr(,"class")
[1] "condes" "list"

$Dim.5
$quanti
      correlation  p.value
NMDAR.TC          0.4185 0.041832
Insulin.TC        -0.5770 0.003161

attr(,"class")
[1] "condes" "list"
```

Variable Tables

Coordinates Table

	Dim.1	Dim.2	Dim.3	Dim.4	Dim.5
Glutamate.TC	0.0869	-0.7390	0.4450	0.3096	-0.13308
Insulin.TC	0.4681	0.4876	-0.1982	0.2523	-0.57696
c.fos.TC	0.1566	0.4403	0.0584	0.7299	0.37327
IR.TC	0.3721	0.6564	0.5237	-0.1695	-0.00605
GLUT3.TC	0.8042	-0.0429	-0.4058	-0.2225	0.07938
GLUT4.TC	0.8070	-0.1163	-0.2736	-0.2408	0.18595
AMPA.TC	0.4282	-0.0227	0.7005	-0.2164	-0.22629
NMDAR.TC	0.6426	-0.1192	0.3136	0.0335	0.41848
AMPK.TC	-0.6754	0.3887	0.1543	-0.3674	0.23760

Contributions Table

	Dim.1	Dim.2	Dim.3	Dim.4	Dim.5
Glutamate.TC	0.276	34.3493	14.479	9.478	2.17685
Insulin.TC	7.997	14.9550	2.872	6.292	40.91374
c.fos.TC	0.895	12.1948	0.249	52.676	17.12464
IR.TC	5.054	27.1029	20.060	2.839	0.00450
GLUT3.TC	23.601	0.1157	12.044	4.894	0.77445
GLUT4.TC	23.770	0.8512	5.475	5.731	4.24979
AMPA.TC	6.691	0.0325	35.889	4.631	6.29349
NMDAR.TC	15.070	0.8932	7.190	0.111	21.52432
AMPK.TC	16.648	9.5054	1.741	13.347	6.93823

Results

Correlation

Spearman's Correlations

Variable		Glutamate-HPT	Insulin-HPT	c-fos-HPT	IR-HPT	GLUT3-HPT	GLUT4-HPT	AMPA- HPT	NMDAR-HPT	AMPK-HPT
1. Glutamate-HPT	Spearman's rho	—								
	p-value	—								
2. Insulin-HPT	Spearman's rho	−0.483*	—							
	p-value	0.018	—							
3. c-fos-HPT	Spearman's rho	0.141	0.023	—						
	p-value	0.510	0.917	—						
4. IR-HPT	Spearman's rho	0.520*	0.011	0.553**	—					
	p-value	0.010	0.959	0.006	—					
5. GLUT3-HPT	Spearman's rho	0.143	−0.106	0.036	0.229	—				
	p-value	0.502	0.621	0.869	0.281	—				
6. GLUT4-HPT	Spearman's rho	−0.024	0.120	0.003	0.103	0.673***	—			
	p-value	0.911	0.575	0.992	0.632	< .001	—			
7. AMPAR- HPT	Spearman's rho	−0.626**	0.533**	−0.152	−0.259	0.205	0.203	—		
	p-value	0.001	0.008	0.476	0.221	0.334	0.339	—		
8. NMDAR-HPT	Spearman's rho	−0.294	0.353	−0.290	−0.081	0.266	0.305	0.538**	—	
	p-value	0.163	0.091	0.168	0.706	0.208	0.147	0.007	—	
9. AMPK-HPT	Spearman's rho	0.117	−0.101	−0.052	−0.062	−0.057	0.127	−0.137	−0.034	—
	p-value	0.586	0.638	0.809	0.774	0.790	0.553	0.520	0.876	—

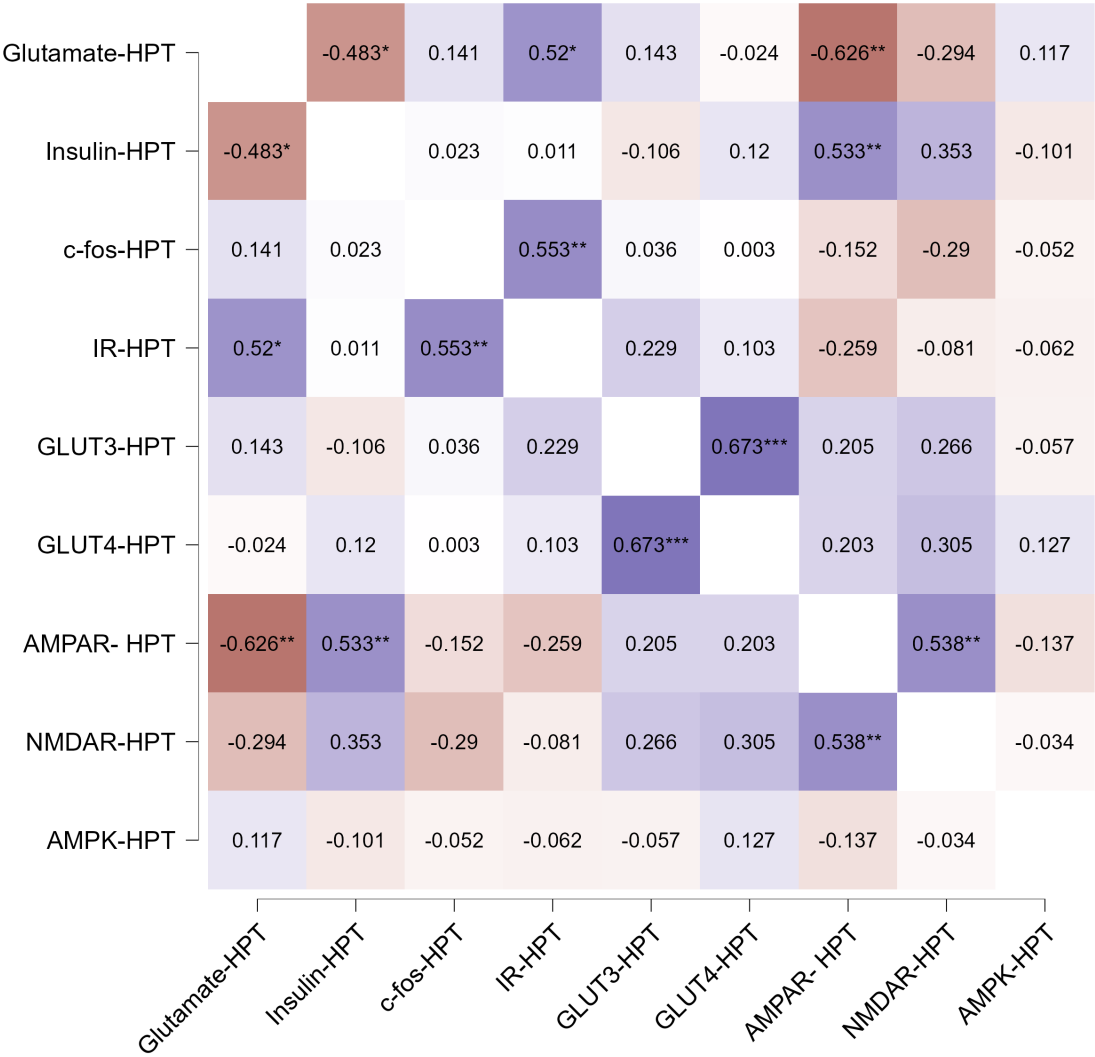
* p < .05, ** p < .01, *** p < .001

Assumption checks

Shapiro-Wilk Test for Multivariate Normality

Shapiro-Wilk	p
0.493	< .001

Spearman's rho heatmap



Correlation

Spearman's Correlations

Variable		Glutamate-HPC	Insulin-HPC	c-fos-HPC	IR-HPC	GLUT3-HPC	GLUT4-HPC	AMPA-R-HPC	NMDAR-HPC	AMPK-HPC
1. Glutamate-HPC	Spearman's rho	—								
	p-value	—								
2. Insulin-HPC	Spearman's rho	−0.126	—							
	p-value	0.557	—							
3. c-fos-HPC	Spearman's rho	−0.181	0.236	—						
	p-value	0.396	0.266	—						
4. IR-HPC	Spearman's rho	0.178	−0.454*	−0.622**	—					
	p-value	0.406	0.027	0.001	—					
5. GLUT3-HPC	Spearman's rho	0.120	0.010	0.570**	−0.368	—				
	p-value	0.578	0.966	0.004	0.078	—				
6. GLUT4-HPC	Spearman's rho	−0.185	−0.363	0.142	0.036	−0.033	—			
	p-value	0.387	0.082	0.507	0.869	0.879	—			
7. AMPAR-HPC	Spearman's rho	−0.091	−0.480*	−0.165	0.161	−0.181	0.070	—		
	p-value	0.671	0.019	0.439	0.451	0.396	0.743	—		
8. NMDAR-HPC	Spearman's rho	0.319	0.164	−0.390	0.159	−0.260	−0.101	−0.253	—	
	p-value	0.129	0.441	0.060	0.456	0.219	0.638	0.232	—	
9. AMPK-HPC	Spearman's rho	−0.247	−0.120	−0.396	0.167	−0.312	−0.174	0.197	−0.058	—
	p-value	0.245	0.575	0.057	0.434	0.138	0.415	0.356	0.787	—

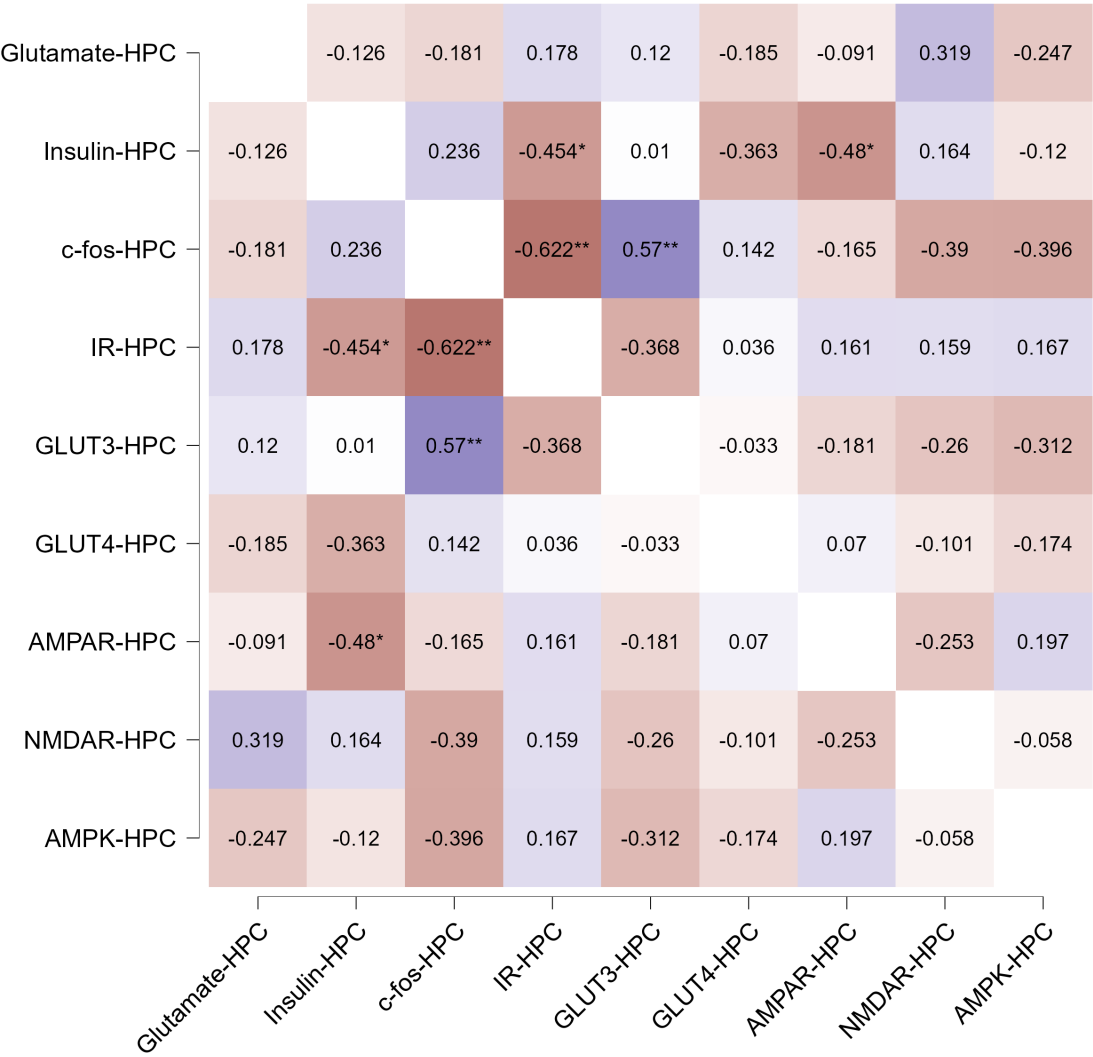
* p < .05, ** p < .01, *** p < .001

Assumption checks

Shapiro-Wilk Test for Multivariate Normality

Shapiro-Wilk	p
0.619	< .001

Spearman's rho heatmap



Correlation

Spearman's Correlations

Variable		Glutamate-TC	Insulin-TC	c-fos-TC	IR-TC	GLUT3-TC	GLUT4-TC	AMPA-TC	NMDAR-TC	AMPK-TC
1. Glutamate-TC	Spearman's rho	—								
	p-value	—								
2. Insulin-TC	Spearman's rho	-0.177	—							
	p-value	0.409	—							
3. c-fos-TC	Spearman's rho	-0.143	0.110	—						
	p-value	0.502	0.610	—						
4. IR-TC	Spearman's rho	-0.238	0.373	0.232	—					
	p-value	0.261	0.073	0.274	—					
5. GLUT3-TC	Spearman's rho	-0.102	0.577**	-0.003	0.153	—				
	p-value	0.635	0.003	0.989	0.474	—				
6. GLUT4-TC	Spearman's rho	-0.063	0.291	-0.005	0.072	0.685***	—			
	p-value	0.771	0.167	0.982	0.737	< .001	—			
7. AMPA-TC	Spearman's rho	0.177	0.130	-0.103	0.276	0.247	0.233	—		
	p-value	0.408	0.543	0.632	0.192	0.244	0.272	—		
8. NMDAR-TC	Spearman's rho	0.332	0.265	0.142	0.270	0.375	0.297	0.197	—	
	p-value	0.113	0.210	0.507	0.202	0.072	0.159	0.356	—	
9. AMPK-TC	Spearman's rho	-0.103	-0.293	-0.126	0.010	-0.561**	-0.385	-0.167	-0.356	—
	p-value	0.632	0.165	0.556	0.966	0.005	0.064	0.434	0.089	—

* p < .05, ** p < .01, *** p < .001

Spearman's rho heatmap

