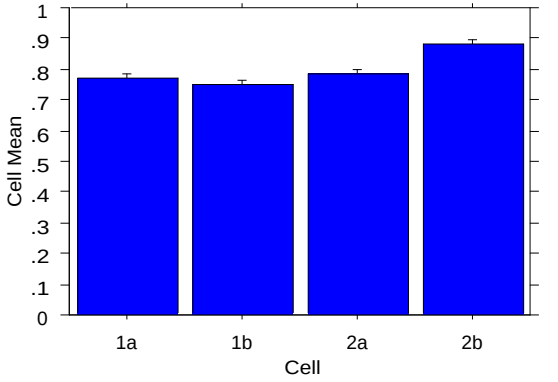
ANOVA Table for accuracy
Row exclusion: output_all_MIXTRAL data

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
CBType	3	7.922	2.641	20.022	<.0001	60.065	1.000
Gender	1	.065	.065	.495	.4817	.495	.105
CBType * Gender	3	1.042	.347	2.633	.0485	7.899	.642
Subject(Group)	1516	199.946	.132				
problem type	1	85.817	85.817	699.425	<.0001	699.425	1.000
problem type * CBType	3	6.098	2.033	16.566	<.0001	49.699	1.000
problem type * Gender	1	.030	.030	.243	.6221	.243	.077
problem type * CBType * Gender	3	.622	.207	1.689	.1674	5.067	.434
problem type * Subject(Group)	1516	186.008	.123				

Means Table for accuracy
Effect: CBType
Row exclusion: output_all_MIXTRAL data

	Count	Mean	Std. Dev.	Std. Err.
1a	792	.769	.422	.015
1b	768	.751	.433	.016
2a	744	.786	.410	.015
2b	744	.883	.322	.012

Interaction Bar Plot for accuracy
Effect: CBType
Error Bars: ± 1 Standard Error(s)
Row exclusion: output_all_MIXTRAL data



Means Table for accuracy
Effect: Gender
Row exclusion: output_all_MIXTRAL data

	Count	Mean	Std. Dev.	Std. Err.
Female	1176	.794	.404	.012
Male	1872	.798	.402	.009

Means Table for accuracy
Effect: CBType * Gender
Row exclusion: output_all_MIXTRAL data

	Count	Mean	Std. Dev.	Std. Err.
1a, Female	248	.790	.408	.026
1a, Male	544	.759	.428	.018
1b, Female	288	.729	.445	.026
1b, Male	480	.765	.425	.019
2a, Female	320	.753	.432	.024
2a, Male	424	.811	.392	.019
2b, Female	320	.897	.305	.017
2b, Male	424	.873	.334	.016

Means Table for accuracy
Effect: problem type
Row exclusion: output_all_MIXTRAL data

	Count	Mean	Std. Dev.	Std. Err.
standard	1524	.623	.485	.012
control	1524	.970	.169	.004

Means Table for accuracy
Effect: problem type * CBType
Row exclusion: output_all_MIXTRAL data

	Count	Mean	Std. Dev.	Std. Err.
1a, standard	396	.561	.497	.025
1a, control	396	.977	.149	.007
1b, standard	384	.526	.500	.026
1b, control	384	.977	.151	.008
2a, standard	372	.645	.479	.025
2a, control	372	.927	.260	.013
2b, standard	372	.766	.424	.022
2b, control	372	1.000	0.000	0.000

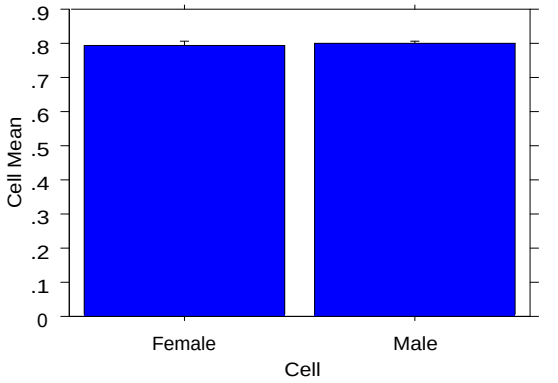
Means Table for accuracy
Effect: problem type * Gender
Row exclusion: output_all_MIXTRAL data

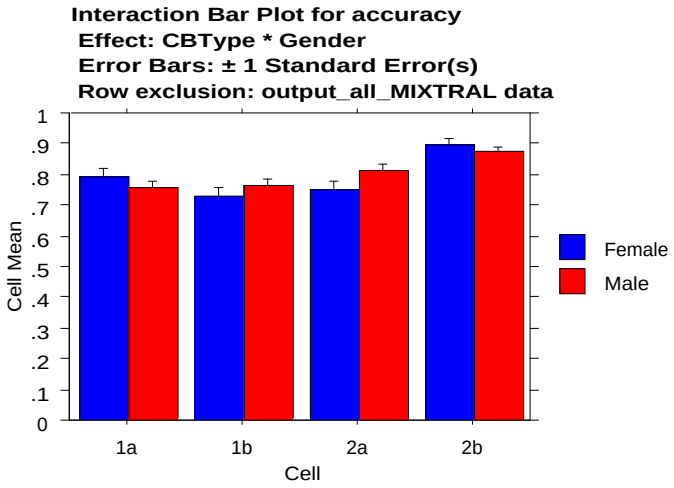
	Count	Mean	Std. Dev.	Std. Err.
Female, standard	588	.621	.486	.020
Female, control	588	.968	.177	.007
Male, standard	936	.624	.485	.016
Male, control	936	.972	.164	.005

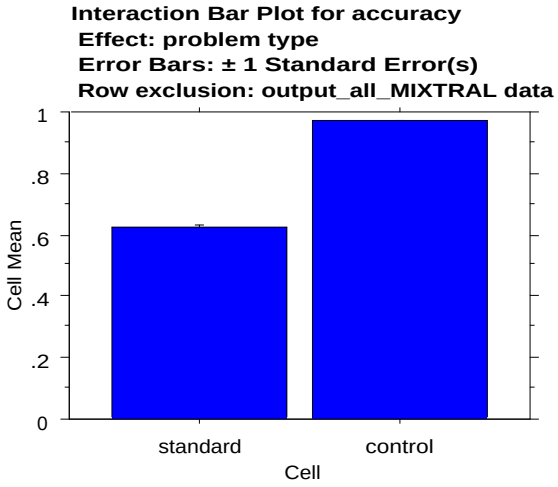
Means Table for accuracy
Effect: problem type * CBType * Gender
Row exclusion: output_all_MIXTRAL data

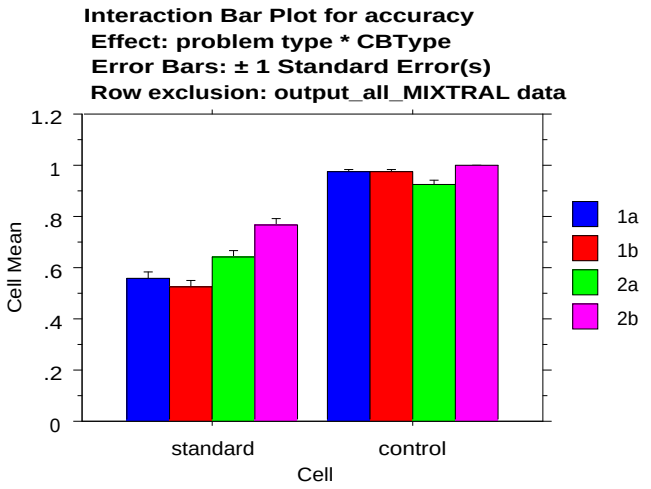
	Count	Mean	Std. Dev.	Std. Err.
1a, Female, standard	124	.597	.493	.044
1a, Female, control	124	.984	.126	.011
1a, Male, standard	272	.544	.499	.030
1a, Male, control	272	.974	.159	.010
1b, Female, standard	144	.479	.501	.042
1b, Female, control	144	.979	.143	.012
1b, Male, standard	240	.554	.498	.032
1b, Male, control	240	.975	.156	.010
2a, Female, standard	160	.594	.493	.039
2a, Female, control	160	.912	.283	.022
2a, Male, standard	212	.684	.466	.032
2a, Male, control	212	.939	.240	.017
2b, Female, standard	160	.794	.406	.032
2b, Female, control	160	1.000	0.000	0.000
2b, Male, standard	212	.745	.437	.030
2b, Male, control	212	1.000	0.000	0.000

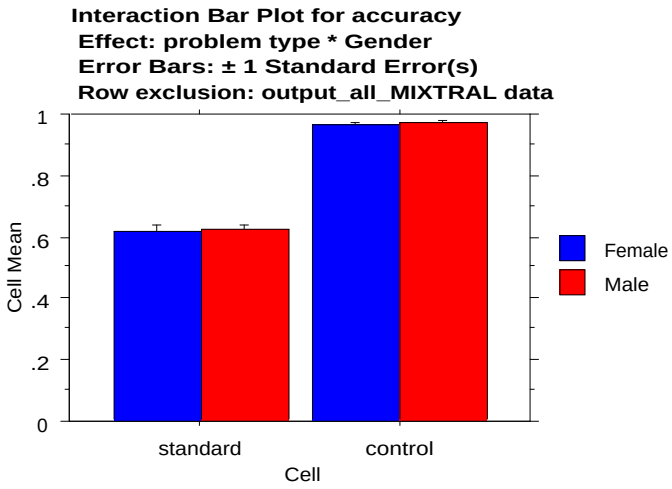
Interaction Bar Plot for accuracy
Effect: Gender
Error Bars: ± 1 Standard Error(s)
Row exclusion: output_all_MIXTRAL data



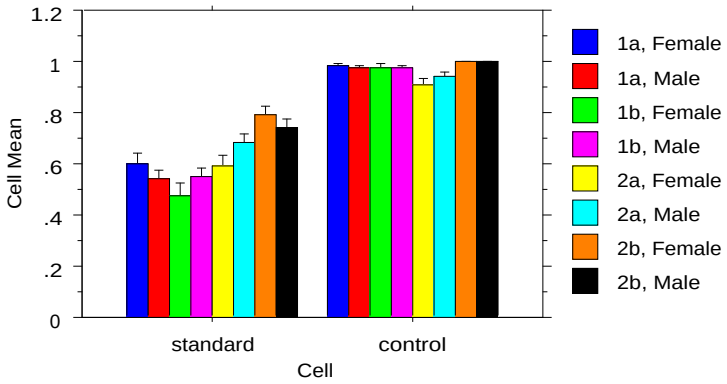

Interaction Bar Plot for accuracy
Effect: CBType * Gender
Error Bars: ± 1 Standard Error(s)
Row exclusion: output_all_MIXTRAL data
Cell Mean
1
.9
.8
.7
.6
.5
.4
.3
.2
.1
0
1a
1b
2a
2b
Cell
Female
Male


Interaction Bar Plot for accuracy
Effect: problem type
Error Bars: ± 1 Standard Error(s)
Row exclusion: output_all_MIXTRAL data
Cell Mean
1
.8
.6
.4
.2
0
standard
control
Cell


Interaction Bar Plot for accuracy
Effect: problem type * CBType
Error Bars: ± 1 Standard Error(s)
Row exclusion: output_all_MIXTRAL data
1.2
1
.8
.6
.4
.2
0
Cell Mean
standard
control
Cell
1a
1b
2a
2b


Interaction Bar Plot for accuracy
Effect: problem type * Gender
Error Bars: ± 1 Standard Error(s)
Row exclusion: output_all_MIXTRAL data
1
.8
.6
.4
.2
0
Cell Mean
standard
control
Cell
Female
Male

Interaction Bar Plot for accuracy
Effect: problem type * CBType * Gender
Error Bars: ± 1 Standard Error(s)
Row exclusion: output_all_MIXTRAL data



Fisher's PLSD for accuracy
Effect: CBType
Significance Level: 5 %
Row exclusion: output_all_MIXTRAL data

	Mean Diff.	Crit. Diff.	P-Value	
1a, 1b	.018	.036	.3377	
1a, 2a	-.017	.036	.3495	
1a, 2b	-.114	.036	<.0001	S
1b, 2a	-.035	.037	.0613	
1b, 2b	-.132	.037	<.0001	S
2a, 2b	-.097	.037	<.0001	S

Fisher's PLSD for accuracy
Effect: Gender
Significance Level: 5 %
Row exclusion: output_all_MIXTRAL data

	Mean Diff.	Crit. Diff.	P-Value
Female, Male	-.004	.027	.7752

Fisher's PLSD for accuracy
Effect: problem type
Significance Level: 5 %
Row exclusion: output_all_MIXTRAL data

	Mean Diff.	Crit. Diff.	P-Value	
standard, control	-.348	.025	<.0001	S