

Analysis results: SDLP

Effect/Contrast	P-value	First LSM of contrast	Second LSM of contrast	Estimate of the difference	95% CI	
					Lower	Upper
Treatment	<.0001					
Sex	0.9182					
Period	0.1350					
Time	0.3423					
Treatment by time	<.0001					
Alprazolam - Placebo	<.0001	29.97	24.41	5.563	3.999 -	7.126
Ethanol (0.5 g/L) - Placebo	0.0205	26.30	24.41	1.888	0.302 -	3.474
Ethanol (1.0 g/L) - Placebo	0.0003	27.43	24.41	3.022	1.435 -	4.609
Ethanol (1.0 g/L) - Ethanol (0.5 g/L)	0.1609	27.43	26.30	1.134	-0.465 -	2.733
Alprazolam - Ethanol (0.5 g/L)	<.0001	29.97	26.30	3.675	2.099 -	5.251
Alprazolam - Ethanol (1.0 g/L)	0.0021	29.97	27.43	2.541	0.964 -	4.118
2h: Alprazolam - Placebo	<.0001	32.69	24.19	8.501	6.358 -	10.643
4h: Alprazolam - Placebo	<.0001	31.44	24.83	6.616	4.474 -	8.759
5h: Alprazolam - Placebo	<.0001	29.19	24.02	5.166	2.962 -	7.370
6h: Alprazolam - Placebo	0.0744	26.57	24.60	1.968	-0.196 -	4.132
2h: Ethanol (0.5 g/L) - Placebo	0.2171	25.56	24.19	1.374	-0.815 -	3.563
4h: Ethanol (0.5 g/L) - Placebo	0.2248	26.17	24.83	1.338	-0.830 -	3.506
5h: Ethanol (0.5 g/L) - Placebo	0.0311	26.48	24.02	2.456	0.226 -	4.686
6h: Ethanol (0.5 g/L) - Placebo	0.0329	26.99	24.60	2.384	0.196 -	4.572
2h: Ethanol (1.0 g/L) - Placebo	0.1183	25.92	24.19	1.730	-0.446 -	3.907
4h: Ethanol (1.0 g/L) -	0.0280	27.30	24.83	2.473	0.270 -	4.675

5h: Ethanol (1.0 g/L) - Placebo	0.0005	28.11	24.02	4.083	1.815 - 6.352
6h: Ethanol (1.0 g/L) - Placebo	0.0009	28.40	24.60	3.802	1.578 - 6.025

Analysis results: Drive Safety Score

Effect/Contrast	P-value	First LSM of contrast	Second LSM of contrast	Estimate of the difference	95% CI	
					Lower	Upper
Treatment	0.0014					
Sex	0.7056					
Period	0.0004					
Time	0.4334					
Treatment by time	0.1665					
Alprazolam - Placebo	0.0002	6.60	6.91	-0.317	-0.475 -	-0.159
Ethanol (0.5 g/L) - Placebo	0.3093	6.83	6.91	-0.082	-0.243 -	0.078
Ethanol (1.0 g/L) - Placebo	0.0619	6.76	6.91	-0.154	-0.315 -	0.008
Ethanol (1.0 g/L) - Ethanol (0.5 g/L)	0.3851	6.76	6.83	-0.071	-0.233 -	0.091
Alprazolam - Ethanol (0.5 g/L)	0.0046	6.60	6.83	-0.234	-0.393 -	-0.075
Alprazolam - Ethanol (1.0 g/L)	0.0453	6.60	6.76	-0.163	-0.323 -	-0.004
2h: Alprazolam - Placebo	0.0001	6.48	6.92	-0.443	-0.663 -	-0.222
4h: Alprazolam - Placebo	0.0007	6.51	6.89	-0.384	-0.604 -	-0.164
5h: Alprazolam - Placebo	0.0786	6.67	6.88	-0.203	-0.430 -	0.023
6h: Alprazolam - Placebo	0.0375	6.72	6.96	-0.236	-0.459 -	-0.014
2h: Ethanol (0.5 g/L) - Placebo	0.6303	6.87	6.92	-0.055	-0.281 -	0.170
4h: Ethanol (0.5 g/L) - Placebo	0.2410	6.76	6.89	-0.133	-0.356 -	0.090
5h: Ethanol (0.5 g/L) - Placebo	0.5137	6.80	6.88	-0.076	-0.306 -	0.154
6h: Ethanol (0.5 g/L) - Placebo	0.5683	6.89	6.96	-0.065	-0.291 -	0.160
2h: Ethanol (1.0 g/L) - Placebo	0.5287	6.85	6.92	-0.072	-0.296 -	0.153
4h: Ethanol (1.0 g/L) - Placebo	0.3232	6.78	6.89	-0.114	-0.341 -	0.113
5h: Ethanol (1.0 g/L) - Placebo	0.1401	6.70	6.88	-0.176	-0.410 -	0.058
6h: Ethanol (1.0 g/L) - Placebo	0.0315	6.70	6.96	-0.252	-0.482 -	-0.023

Analysis results: Adaptive tracking (%)

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Effect/Contrast	P-value	First LSM of contrast	Second LSM of contrast	Estimate of the difference	95% CI	
					Lower	Upper

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Treatment	<.0001					
Sex	0.8014					
Period	0.9050					
Time	0.1712					
Treatment by time	<.0001					
Alprazolam - Placebo	<.0001	24.99	31.12	-6.138	-7.863 -	-4.413
Ethanol (0.5 g/L) - Placebo	0.0052	28.59	31.12	-2.539	-4.288 -	-0.791
Ethanol (1.0 g/L) - Placebo	<.0001	23.55	31.12	-7.579	-9.324 -	-5.834
Ethanol (1.0 g/L) - Ethanol (0.5 g/L)	<.0001	23.55	28.59	-5.040	-6.787 -	-3.293
Alprazolam - Ethanol (0.5 g/L)	0.0001	24.99	28.59	-3.599	-5.324 -	-1.874
Alprazolam - Ethanol (1.0 g/L)	0.1013	24.99	23.55	1.441	-0.291 -	3.174
2h: Alprazolam - Placebo	<.0001	22.62	31.65	-9.028	-11.288 -	-6.768
4h: Alprazolam - Placebo	<.0001	23.27	30.94	-7.672	-9.953 -	-5.392
5h: Alprazolam - Placebo	<.0001	26.23	31.15	-4.916	-7.175 -	-2.656
6h: Alprazolam - Placebo	0.0112	27.83	30.76	-2.936	-5.195 -	-0.676
2h: Ethanol (0.5 g/L) - Placebo	0.0579	29.43	31.65	-2.214	-4.503 -	0.075
4h: Ethanol (0.5 g/L) - Placebo	0.0269	28.33	30.94	-2.612	-4.922 -	-0.302
5h: Ethanol (0.5 g/L) - Placebo	0.0078	28.02	31.15	-3.123	-5.412 -	-0.834
6h: Ethanol (0.5 g/L) - Placebo	0.0586	28.56	30.76	-2.208	-4.497 -	0.081
2h: Ethanol (1.0 g/L) - Placebo	<.0001	26.24	31.65	-5.404	-7.686 -	-3.121
4h: Ethanol (1.0 g/L) - Placebo	<.0001	22.75	30.94	-8.193	-10.496 -	-5.890
5h: Ethanol (1.0 g/L) - Placebo	<.0001	22.73	31.15	-8.418	-10.720 -	-6.115
6h: Ethanol (1.0 g/L) - Placebo	<.0001	22.46	30.76	-8.303	-10.585 -	-6.021

Analysis results: Saccadic Peak Velocity (deg/s)

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				Estimate		

Effect/Contrast	P-value	First LSM	Second LSM	of the difference	95% CI	
		of contrast			Lower	Upper

Treatment	<.0001					
Sex	0.3919					
Period	0.3417					
Time	0.1444					
Treatment by time	0.0041					
Alprazolam - Placebo	<.0001	427.4	500.3	-72.81	-85.77 -	-59.85
Ethanol (0.5 g/L) - Placebo	<.0001	472.5	500.3	-27.80	-40.86 -	-14.74
Ethanol (1.0 g/L) - Placebo	<.0001	444.5	500.3	-55.80	-68.86 -	-42.74
Ethanol (1.0 g/L) - Ethanol (0.5 g/L)	<.0001	444.5	472.5	-28.00	-41.02 -	-14.99
Alprazolam - Ethanol (0.5 g/L)	<.0001	427.4	472.5	-45.01	-57.88 -	-32.15
Alprazolam - Ethanol (1.0 g/L)	0.0105	427.4	444.5	-17.01	-29.87 -	-
2h: Alprazolam - Placebo	<.0001	413.2	510.2	-96.97	-115.51 -	-78.43
4h: Alprazolam - Placebo	<.0001	418.9	495.0	-76.10	-94.65 -	-57.56
5h: Alprazolam - Placebo	<.0001	433.6	501.2	-67.52	-85.89 -	-49.15
6h: Alprazolam - Placebo	<.0001	444.0	494.7	-50.64	-69.01 -	-32.28
2h: Ethanol (0.5 g/L) - Placebo	0.0015	479.8	510.2	-30.38	-48.94 -	-11.82
4h: Ethanol (0.5 g/L) - Placebo	0.0022	465.8	495.0	-29.16	-47.71 -	-10.60
5h: Ethanol (0.5 g/L) - Placebo	0.0006	468.0	501.2	-33.16	-51.87 -	-14.46
6h: Ethanol (0.5 g/L) - Placebo	0.0509	476.2	494.7	-18.48	-37.04 -	0.07
2h: Ethanol (1.0 g/L) - Placebo	<.0001	447.0	510.2	-63.17	-81.71 -	-44.64
4h: Ethanol (1.0 g/L) - Placebo	<.0001	444.2	495.0	-50.79	-69.33 -	-32.26
5h: Ethanol (1.0 g/L) - Placebo	<.0001	435.5	501.2	-65.61	-84.34 -	-46.88
6h: Ethanol (1.0 g/L) - Placebo	<.0001	451.0	494.7	-43.62	-62.16 -	-25.09

Back Transformed					
	First LSM	Second LSM	Estimate of the	95% CI	
Effect/Contrast	P-value	of contrast	of contrast	difference	Lower Upper

Treatment	<.0001					
Sex	0.3602					
Period	0.7160					
Time	0.0003					
Treatment by time	<.0001					
Alprazolam - Placebo	<.0001	319.9	228.1	40.2%	23.0% -	59.9%
Ethanol (0.5 g/L) - Placebo	0.1032	254.8	228.1	11.7%	-2.3% -	27.7%
Ethanol (1.0 g/L) - Placebo	<.0001	356.5	228.1	56.3%	36.7% -	78.6%
Ethanol (1.0 g/L) - Ethanol (0.5 g/L)	<.0001	356.5	254.8	39.9%	22.5% -	59.9%
Alprazolam - Ethanol (0.5 g/L)	0.0011	319.9	254.8	25.6%	10.0% -	43.3%
Alprazolam - Ethanol (1.0 g/L)	0.1083	319.9	356.5	-10.3%	-21.5% -	2.5%
2h: Alprazolam - Placebo	<.0001	414.6	218.9	89.4%	58.1% -	127.0%
4h: Alprazolam - Placebo	<.0001	367.4	239.6	53.3%	28.0% -	83.7%
5h: Alprazolam - Placebo	0.0293	276.6	226.1	22.3%	2.1% -	46.5%
6h: Alprazolam - Placebo	0.3566	248.6	228.4	8.8%	-9.2% -	30.4%
2h: Ethanol (0.5 g/L) - Placebo	0.1277	252.3	218.9	15.3%	-4.0% -	38.5%
4h: Ethanol (0.5 g/L) - Placebo	0.2326	267.8	239.6	11.8%	-7.0% -	34.3%
5h: Ethanol (0.5 g/L) - Placebo	0.0730	267.4	226.1	18.3%	-1.6% -	42.1%
6h: Ethanol (0.5 g/L) - Placebo	0.8234	233.2	228.4	2.1%	-15.0% -	22.7%
2h: Ethanol (1.0 g/L) - Placebo	<.0001	333.3	218.9	52.3%	26.8% -	82.9%
4h: Ethanol (1.0 g/L) - Placebo	<.0001	396.4	239.6	65.5%	37.8% -	98.7%
5h: Ethanol (1.0 g/L) - Placebo	<.0001	385.1	226.1	70.3%	41.6% -	104.9%
6h: Ethanol (1.0 g/L) - Placebo	0.0006	317.6	228.4	39.0%	15.6% -	67.3%