

Experiment 1: Mean Response Time and Standard Errors (ms)

Variables	Mean Response Time (ms)	Standard error (ms)
View	Back Mean= 2555 vs. Palm Mean= 2728	Back SE= 128 vs. Palm SD= 146
Laterality	Right Mean= 2680 vs. Left Mean= 2603	Right SE= 140 vs. Left SE= 130
Orientation	0° Mean= 2287 vs. 90L° Mean= 2925 0° Mean= 2287 vs. 180° Mean= 3158 90M° Mean= 2195 vs. 90L° Mean= 2925 90M° Mean= 2195 vs. 180° Mean= 3158 90L° Mean= 2925 vs. 180° Mean= 3158	0° SE =119 vs. 90L° SE= 175 0° SE =119 vs. 180° SE= 162 90M° SE=111 vs. 90L° SE= 175 90M° SE=111 vs. 180° SE= 162 90L° SE= 175 vs. 180° SE= 162
Age	Young Mean= 1879 vs. Old Mean= 2891	Young SE= 68.7 vs. Old SE= 81.4
Laterality x Sex	Right Male Mean= 2261 vs. Left Male Mean =2422	Right Male SE= 85.8 vs. Left Male SE= 81.4
Laterality x Age	- Right Young Mean= 1867 vs. Right Old Mean= 2815 - Right Young Mean= 1867 vs. Left Old Mean= 2967 - Right Old Mean= 2815 vs. Left Young Mean= 1891 - Left Young Mean= 1891 vs. Left Old Mean= 2967	- Right Young SE= 73 vs. Right Old SE= 86.5 - Right Young SE= 73 vs. Left Old SE= 82.1 - Right Old SE= 86.5 vs. Left Young SE= 69.2 - Left Young SE= 69.2 vs. Left Old SE= 82.1
View x Orientation	- Back 0° Mean= 1654 vs. Back 90M° Mean= 1977 - Back 0° Mean= 1654 vs. Back 90L° Mean=2261 - Back 0° Mean= 1654 vs. Back 180° Mean=3104 - Back 0° Mean= 1654 vs. Palm 0° Mean=2462 - Back 0° Mean= 1654 vs. Palm 90M° Mean=2032 - Back 0° Mean= 1654 vs. Palm 90L° Mean=2977 - Back 0° Mean= 1654 vs. Palm 180° Mean=2614 - Back 90M° Mean= 1977 vs. Back 90L° Mean=2261	- Back 0° SE= 34.3 vs. Back 90M° SE = 55.5 - Back 0° SE = 34.3 vs. Back 90L° SE =68.3 - Back 0° SE = 34.3 vs. Back 180° SE =94.5 - Back 0° SE= 34.3 vs. Palm 0° SE= 71.6 - Back 0° SE = 34.3 vs. Palm 90M° SE= 61.8 - Back 0° SE =34.3 vs. Palm 90L° SE= 98.6 - Back 0° SE = 34.3 vs. Palm 180° SE= 73.3 - Back 90M° SE = 55.5 vs. Back 90L° SE =68.3

	9. Back 90M° Mean= 1977 vs. Back 180° Mean=3104 10. Back 90M° Mean= 1977 vs. Palm 0° Mean=2462 11. Back 90M° Mean= 1977 vs. Palm 90L° Mean=2977 12. Back 90M° Mean= 1977 vs. Palm 180° Mean=2614 13. Back 90L° Mean=2261 vs. Back 180° Mean=3104 14. Back 90L° Mean=2261 vs. Palm 90M° Mean=2032 15. Back 90L° Mean=2261 vs. Palm 90L° Mean=2977 16. Back 90L° Mean=2261 vs. Palm 180° Mean=2614 17. Back 180° Mean=3104 vs. Palm 0° Mean=2462 18. Back 180° Mean=3104 vs. Palm 90M° Mean=2032 19. Back 180° Mean=3104 vs. Palm 180° Mean=2614 20. Palm 0° Mean=2462 vs. Palm 90M° Mean= 2032 21. Palm 0° Mean=2462 vs. Palm 90L° Mean=2977 22. Palm 90M° Mean= 2032 vs. Palm 90L° Mean=2977 23. Palm 90M° Mean= 2032 vs. Palm 180° Mean=2614 24. Palm 90L° Mean=2977 vs. Palm 180° Mean=2614	9. Back 90M° SE = 55.5 vs. Back 180° SE =94.5 10. Back 90M° SE = 55.5 vs. Palm 0° SE= 71.6 11. Back 90M° SE = 55.5 vs. Palm 90M° SE= 61.8 12. Back 90M° SE = 55.5 vs. Palm 180° SE= 73.3 13. Back 90L° SE =68.3 vs. Back 180° SE =94.5 14. Back 90L° SE =68.3 vs. Palm 90M° SE= 61.8 15. Back 90L° SE =68.3 vs Palm 90L° SE= 98.6 16. Back 90L° SE =68.3 vs Palm 180° SE= 73.3 17. Back 180° SE =94.5 vs. Palm 0° SE= 71.6 18. Back 180° SE =94.5 vs. Palm 90M° SE= 61.8 19. Back 180° SE =94.5 vs. Palm 180° SE= 73.3 20. Palm 0° SE= 71.6 vs. Palm 90M° SE= 61.8 21. Palm 0° SE= 71.6 vs. Palm 90L° SE= 98.6 22. Palm 90M° SE= 61.8 vs. Palm 90L° SE= 98.6 23. Palm 90M° SE= 61.8 vs. Palm 180° SE= 73.3 24. Palm 90L° SE= 98.6 vs. Palm 180° SE= 73.3
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Experiment 2: Mean Response Time and Standard Errors (ms)

Variables	Mean Response Time (ms)	Standard error (ms)
Orientation	0° Mean= 2287 vs. 90L° Mean=2925 0° Mean= 2287 vs. 180° Mean = 3158° 90M° Mean= 2195 vs. 90L° Mean=2925 90M° Mean= 2195 vs. 180° Mean = 3158°	0° SE= 119 vs. 90L° SE=175 0° SE= 119 vs. 180° SE=162 90M° SE= 111 vs. 90L° SE=175 90M° SE= 111 vs. 180° SE=162
View x Orientation	- Back 0° Mean= 1915 vs. Back 90M° Mean= 2245 - Back 0° Mean= 1915 vs. Back 90L° Mean= 2629 - Back 0° Mean= 1915 vs. Back 180° Mean= 3431 - Back 0° Mean= 1915 vs. Palm 0° Mean= 2659 - Back 0° Mean= 1915 vs. Palm 90L° Mean= 3221 - Back 0° Mean= 1915 vs. Palm 180° Mean= 2884 - Back 90M° Mean= 2245 vs. Back 90L° Mean= 2629 - Back 90M° Mean= 2245 vs. Back 180° Mean= 3431 - Back 90M° Mean= 2245 vs. Palm 90L° Mean= 3221 - Back 90M° Mean= 2245 vs. Palm 180° Mean= 2884 - Back 90L° Mean= 2629 vs. Back 180° Mean= 3431 - Back 90L° Mean= 2629 vs. Palm 90M° Mean= 2145 - Back 180° Mean= 3431 vs. Palm 0° Mean= 2659 - Back 180° Mean= 3431 vs. Palm 90M° Mean= 2145 - Back 180° Mean= 3431 vs. Palm 180° Mean= 2884 - Palm 0° Mean= 2659 vs. Palm 90M° Mean= 2145 - Palm 0° Mean= 2659 vs. Palm 90L° Mean= 3221	- Back 0° SE= 105 vs. Back 90M° SE = 117 - Back 0° SE= 105 vs. Back 90L° SE = 161 - Back 0° SE= 105 vs. Back 180° SE = 181 - Back 0° SE= 105 vs. Palm 0° SE= 169 - Back 0° SE= 105 vs. Palm 90L° SE= 232 - Back 0° SE= 105 vs. Palm 180° SE= 160 - Back 90M° SE =117 vs. Back 90L° SE = 161 - Back 90M° SE =117 vs. 180° SE = 181 - Back 90M° SE =117 vs. Palm 90L° SE= 232 - Back 90M° SE =117 vs. Palm 180° SE= 160 - Back 90L° SE = 161 vs. Back 180° SE = 181 - Back 90L° SE = 161 vs. Palm 90M° SE= 113 - Back 180° SE = 181 vs. Palm 0° SE= 169 - Back 180° SE = 181 vs. Palm 90M° SE= 113 - Back 180° SE = 181 vs. Palm 180° SE= 160 - Palm 0° SE= 169 vs. Palm 90M° SE= 113 - Palm 0° SE= 169 vs. Palm 90L° SE= 232

	18. Palm 90M° Mean= 2145 vs. Palm 90L° Mean= 3221 19. Palm 90M° Mean= 2145 vs. Palm 180° Mean= 2884	18. Palm 90M° SE= 113 vs. Palm 90L° SE= 232 19. Palm 90M° SE= 113 vs. Palm 180° SE= 160
Laterality x View x Age	1. Right Palm Young Mean = 2692 vs. Left Back Young Mean= 2463 2. Right Palm Old Mean = 2844 vs. Left Back Old Mean= 2573 3. Left Back Old Mean= 2573 vs. Left Palm Old Mean= 3000	1. Right Palm Young SE= 217 vs. Left Back Young Mean= 178 2. Right Palm Old SE= 223 vs. Left Back Old SE= 183 3. Left Back Old SE= 183 vs. Left Palm Old Mean SE= 245