Notes:

Eye Alone Feedback EyeX Filter cutoff = ~8.5

Eye Alone Feedback EyeY Filter cutoff = ~5.5

Eye Alone No Feedback EyeX Filter cutoff = ~8.5

Eye Alone No Feedback EyeY Filter cutoff = ~5.5

Eye Hand Feedback EyeX Filter cutoff = ~8.5

Eye Hand Feedback EyeY Filter cutoff = ~5.5

Eye Hand No Feedback EyeX Filter cutoff = ~7.5

Eye Hand No Feedback EyeY Filter cutoff = 6.5524

------ Command Window start ------>

Eye Alone Feedback (EyeX):

Reach #1: avg: 848.573208, Target: 846.759900, error: 1.813308

Reach #2: avg: 720.049611, Target: 725.794200, error: -5.744589

Reach #3: avg: 721.021737, Target: 725.794200, error: -4.772463

Reach #4: avg: 356.314709, Target: 362.897100, error: -6.582391

Skip reach #5 (blink trial)

Skip reach #6 (y-direction trial)

Skip reach #7 (blink trial)

Skip reach #8 (blink trial)

Reach #9: avg: 720.856193, Target: 725.794200, error: -4.938007

Reach #10: avg: 366.951332, Target: 362.897100, error: 4.054232

Reach #11: avg: 482.345923, Target: 483.862800, error: -1.516877

Reach #12: avg: 722.625097, Target: 725.794200, error: -3.169103

Reach #13: avg: 479.611697, Target: 483.862800, error: -4.251103

Skip reach #14 (y-direction trial)

Reach #15: avg: 839.264887, Target: 846.759900, error: -7.495013

Reach #16: avg: 719.524588, Target: 725.794200, error: -6.269612

Reach #17: avg: 720.361386, Target: 725.794200, error: -5.432814

Skip reach #18 (blink trial)

Reach #19: avg: 838.310778, Target: 846.759900, error: -8.449122

Reach #20: avg: 843.512663, Target: 846.759900, error: -3.247237

Reach #21: avg: 722.064590, Target: 725.794200, error: -3.729610

Skip reach #22 (blink trial)

Reach #23: avg: 479.266484, Target: 483.862800, error: -4.596316

Reach #24: avg: 363.313941, Target: 362.897100, error: 0.416841

Reach #25: avg: 719.018320, Target: 725.794200, error: -6.775880

Skip reach #26 (y-direction trial)

Skip reach #27 (blink trial)

Reach #28: avg: 482.118547, Target: 483.862800, error: -1.744253

Skip reach #29 (y-direction trial)

Reach #30: avg: 478.772059, Target: 483.862800, error: -5.090741

Skip reach #31 (y-direction trial)

Reach #32: avg: 726.006315, Target: 725.794200, error: 0.212115

Reach #33: avg: 484.291702, Target: 483.862800, error: 0.428902

Reach #34: avg: 843.940705, Target: 846.759900, error: -2.819195

Skip reach #35 (blink trial)

Reach #36: avg: 473.646489, Target: 483.862800, error: -10.216311

Reach #37: avg: 831.727181, Target: 846.759900, error: -15.032719

Reach #38: avg: 475.994558, Target: 483.862800, error: -7.868242

Reach #39: avg: 833.534296, Target: 846.759900, error: -13.225604

Skip reach #40 (y-direction trial)

Skip reach #41 (y-direction trial)

Skip reach #42 (blink trial)

Reach #43: avg: 481.281920, Target: 483.862800, error: -2.580880

Skip reach #44 (y-direction trial)

Skip reach #45 (y-direction trial)

Reach #46: avg: 845.390023, Target: 846.759900, error: -1.369877

Skip reach #47 (y-direction trial)

Skip reach #48 (blink trial)

Reach #49: avg: 731.397723, Target: 725.794200, error: 5.603523

Reach #50: avg: 845.139668, Target: 846.759900, error: -1.620232

EyeX RMSE: 5.979970 (mm)

Eye Alone Feedback (EyeY):

Skip reach #1 (x-direction trial)

Skip reach #2 (x-direction trial)

Skip reach #3 (x-direction trial)

Skip reach #4 (x-direction trial)

Skip reach #5 (blink trial)

Reach #6: avg: 328.435133, Target: 325.437500, error: 2.997633

Skip reach #7 (blink trial)

Skip reach #8 (blink trial)

Skip reach #9 (x-direction trial)

Skip reach #10 (x-direction trial)

Skip reach #11 (x-direction trial)

Skip reach #12 (x-direction trial)

Skip reach #13 (x-direction trial)

Reach #14: avg: 334.827883, Target: 325.437500, error: 9.390383

Skip reach #15 (x-direction trial)

Skip reach #16 (x-direction trial)

Skip reach #17 (x-direction trial)

Skip reach #18 (blink trial)

Skip reach #19 (x-direction trial)

Skip reach #20 (x-direction trial)

Skip reach #21 (x-direction trial)

Skip reach #22 (blink trial)

Skip reach #23 (x-direction trial)

Skip reach #24 (x-direction trial)

Skip reach #25 (x-direction trial)

Reach #26: avg: 339.369146, Target: 325.437500, error: 13.931646

Skip reach #27 (blink trial)

Skip reach #28 (x-direction trial)

Reach #29: avg: 207.275952, Target: 195.262500, error: 12.013452

Skip reach #30 (x-direction trial)

Reach #31: avg: 337.737729, Target: 325.437500, error: 12.300229

Skip reach #32 (x-direction trial)

Skip reach #33 (x-direction trial)

Skip reach #34 (x-direction trial)

Skip reach #35 (blink trial)

Skip reach #36 (x-direction trial)

Skip reach #37 (x-direction trial)

Skip reach #38 (x-direction trial)

Skip reach #39 (x-direction trial)

Reach #40: avg: 331.006072, Target: 325.437500, error: 5.568572

Reach #41: avg: 208.472885, Target: 195.262500, error: 13.210385

Skip reach #42 (blink trial)

Skip reach #43 (x-direction trial)

Reach #44: avg: 214.566930, Target: 195.262500, error: 19.304430

Reach #45: avg: 219.564577, Target: 195.262500, error: 24.302077

Skip reach #46 (x-direction trial)

Reach #47: avg: 343.895790, Target: 325.437500, error: 18.458290

Skip reach #48 (blink trial)

Skip reach #49 (x-direction trial)

Skip reach #50 (x-direction trial)

EyeY RMSE: 14.478806 (mm)

Eye Alone No Feedback (EyeX):

Reach #1: avg: 837.157514, Target: 846.759900, error: -9.602386

Reach #2: avg: 730.192071, Target: 725.794200, error: 4.397871

Reach #3: avg: 727.071433, Target: 725.794200, error: 1.277233

Reach #4: avg: 359.251516, Target: 362.897100, error: -3.645584

Reach #5: avg: 720.259592, Target: 725.794200, error: -5.534608

Skip reach #6 (y-direction trial)

Reach #7: avg: 482.645392, Target: 483.862800, error: -1.217408

Reach #8: avg: 354.924206, Target: 362.897100, error: -7.972894

Reach #9: avg: 723.888975, Target: 725.794200, error: -1.905225

Reach #10: avg: 353.896620, Target: 362.897100, error: -9.000480

Reach #11: avg: 480.008992, Target: 483.862800, error: -3.853808

Reach #12: avg: 719.427566, Target: 725.794200, error: -6.366634

Reach #13: avg: 473.664266, Target: 483.862800, error: -10.198534

Skip reach #14 (y-direction trial)

Reach #15: avg: 837.076310, Target: 846.759900, error: -9.683590

Reach #16: avg: 715.539218, Target: 725.794200, error: -10.254982

Reach #17: avg: 717.353449, Target: 725.794200, error: -8.440751

Reach #18: avg: 837.289475, Target: 846.759900, error: -9.470425

Reach #19: avg: 835.615738, Target: 846.759900, error: -11.144162

Reach #20: avg: 838.282537, Target: 846.759900, error: -8.477363

Reach #21: avg: 720.715958, Target: 725.794200, error: -5.078242

Reach #22: avg: 721.119231, Target: 725.794200, error: -4.674969

Reach #23: avg: 470.546651, Target: 483.862800, error: -13.316149

Reach #24: avg: 352.831470, Target: 362.897100, error: -10.065630

Reach #25: avg: 721.387974, Target: 725.794200, error: -4.406226

Skip reach #26 (y-direction trial)

Reach #27: avg: 353.067132, Target: 362.897100, error: -9.829968

Reach #28: avg: 474.003810, Target: 483.862800, error: -9.858990

Skip reach #29 (blink trial)

Reach #30: avg: 469.406500, Target: 483.862800, error: -14.456300

Skip reach #31 (y-direction trial)

Reach #32: avg: 718.183175, Target: 725.794200, error: -7.611025

Reach #33: avg: 469.809142, Target: 483.862800, error: -14.053658

Reach #34: avg: 839.056783, Target: 846.759900, error: -7.703117

Skip reach #35 (y-direction trial)

Reach #36: avg: 466.143796, Target: 483.862800, error: -17.719004

Reach #37: avg: 837.638054, Target: 846.759900, error: -9.121846

Reach #38: avg: 471.699567, Target: 483.862800, error: -12.163233

Reach #39: avg: 830.656011, Target: 846.759900, error: -16.103889

Skip reach #40 (y-direction trial)

Skip reach #41 (y-direction trial)

Reach #42: avg: 710.904447, Target: 725.794200, error: -14.889753

Reach #43: avg: 472.524408, Target: 483.862800, error: -11.338392

Skip reach #44 (blink trial)

Skip reach #45 (blink trial)

Reach #46: avg: 835.725911, Target: 846.759900, error: -11.033989

Skip reach #47 (y-direction trial)

Reach #48: avg: 468.599212, Target: 483.862800, error: -15.263588

Reach #49: avg: 711.430445, Target: 725.794200, error: -14.363755

Reach #50: avg: 846.214265, Target: 846.759900, error: -0.545635

EyeX RMSE: 9.872844 (mm)

Eye Alone No Feedback (EyeY):

Skip reach #1 (x-direction trial)

Skip reach #2 (x-direction trial)

Skip reach #3 (x-direction trial)

Skip reach #4 (x-direction trial)

Skip reach #5 (x-direction trial)

Reach #6: avg: 339.369613, Target: 325.437500, error: 13.932113

Skip reach #7 (x-direction trial)

Skip reach #8 (x-direction trial)

Skip reach #9 (x-direction trial)

Skip reach #10 (x-direction trial)

Skip reach #11 (x-direction trial)

Skip reach #12 (x-direction trial)

Skip reach #13 (x-direction trial)

Reach #14: avg: 338.800820, Target: 325.437500, error: 13.363320

Skip reach #15 (x-direction trial)

Skip reach #16 (x-direction trial)

Skip reach #17 (x-direction trial)

Skip reach #18 (x-direction trial)

Skip reach #19 (x-direction trial)

Skip reach #20 (x-direction trial)

Skip reach #21 (x-direction trial)

Skip reach #22 (x-direction trial)

Skip reach #23 (x-direction trial)

Skip reach #24 (x-direction trial)

Skip reach #25 (x-direction trial)

Reach #26: avg: 338.984724, Target: 325.437500, error: 13.547224

Skip reach #27 (x-direction trial)

Skip reach #28 (x-direction trial)

Skip reach #29 (blink trial)

Skip reach #30 (x-direction trial)

Reach #31: avg: 343.592035, Target: 325.437500, error: 18.154535

Skip reach #32 (x-direction trial)

Skip reach #33 (x-direction trial)

Skip reach #34 (x-direction trial)

Reach #35: avg: 455.612500, Target: 325.437500, error: 130.175000

Skip reach #36 (x-direction trial)

Skip reach #37 (x-direction trial)

Skip reach #38 (x-direction trial)

Skip reach #39 (x-direction trial)

Reach #40: avg: 343.839986, Target: 325.437500, error: 18.402486

Reach #41: avg: 218.868235, Target: 195.262500, error: 23.605735

Skip reach #42 (x-direction trial)

Skip reach #43 (x-direction trial)

Skip reach #44 (blink trial)

Skip reach #45 (blink trial)

Skip reach #46 (x-direction trial)

Reach #47: avg: 343.725985, Target: 325.437500, error: 18.288485

Skip reach #48 (x-direction trial)

Skip reach #49 (x-direction trial)

Skip reach #50 (x-direction trial)

EyeY RMSE: 48.813008 (mm)

Eye Hand Feedback (EyeX):

Reach #1: avg: 845.731885, Target: 846.759900, error: -1.028015

Reach #2: avg: 717.297721, Target: 725.794200, error: -8.496479

Reach #3: avg: 717.751188, Target: 725.794200, error: -8.043012

Reach #4: avg: 368.530748, Target: 362.897100, error: 5.633648

Reach #5: avg: 721.408093, Target: 725.794200, error: -4.386107

Skip reach #6 (y-direction trial)

Reach #7: avg: 478.806643, Target: 483.862800, error: -5.056157

Reach #8: avg: 362.270466, Target: 362.897100, error: -0.626634

Reach #9: avg: 717.547225, Target: 725.794200, error: -8.246975

Reach #10: avg: 371.326726, Target: 362.897100, error: 8.429626

Reach #11: avg: 479.607821, Target: 483.862800, error: -4.254979

Reach #12: avg: 722.403183, Target: 725.794200, error: -3.391017

Skip reach #13 (blink trial)

Skip reach #14 (y-direction trial)

Reach #15: avg: 839.919512, Target: 846.759900, error: -6.840388

Reach #16: avg: 724.979186, Target: 725.794200, error: -0.815014

Reach #17: avg: 721.095094, Target: 725.794200, error: -4.699106

Reach #18: avg: 844.511210, Target: 846.759900, error: -2.248690

Reach #19: avg: 846.146055, Target: 846.759900, error: -0.613845

Reach #20: avg: 843.752937, Target: 846.759900, error: -3.006963

Reach #21: avg: 721.807700, Target: 725.794200, error: -3.986500

Reach #22: avg: 724.050736, Target: 725.794200, error: -1.743464

Reach #23: avg: 484.892694, Target: 483.862800, error: 1.029894

Reach #24: avg: 367.251488, Target: 362.897100, error: 4.354388

Reach #25: avg: 718.344978, Target: 725.794200, error: -7.449222

Skip reach #26 (y-direction trial)

Reach #27: avg: 366.016865, Target: 362.897100, error: 3.119765

Reach #28: avg: 479.801018, Target: 483.862800, error: -4.061782

Skip reach #29 (y-direction trial)

Reach #30: avg: 483.758937, Target: 483.862800, error: -0.103863

Skip reach #31 (y-direction trial)

Reach #32: avg: 723.335930, Target: 725.794200, error: -2.458270

Reach #33: avg: 483.043670, Target: 483.862800, error: -0.819130

Skip reach #34 (blink trial)

Skip reach #35 (y-direction trial)

Reach #36: avg: 481.342458, Target: 483.862800, error: -2.520342

Reach #37: avg: 840.492267, Target: 846.759900, error: -6.267633

Reach #38: avg: 481.471386, Target: 483.862800, error: -2.391414

Reach #39: avg: 846.457032, Target: 846.759900, error: -0.302868

Skip reach #40 (y-direction trial)

Skip reach #41 (y-direction trial)

Reach #42: avg: 719.772682, Target: 725.794200, error: -6.021518

Reach #43: avg: 480.896576, Target: 483.862800, error: -2.966224

Skip reach #44 (y-direction trial)

Skip reach #45 (blink trial)

Reach #46: avg: 839.344532, Target: 846.759900, error: -7.415368

Skip reach #47 (y-direction trial)

Reach #48: avg: 480.351377, Target: 483.862800, error: -3.511423

Reach #49: avg: 719.838772, Target: 725.794200, error: -5.955428

Reach #50: avg: 841.004261, Target: 846.759900, error: -5.755639

EyeX RMSE: 4.728787 (mm)

Eye Hand Feedback (EyeY):

Skip reach #1 (x-direction trial)

Skip reach #2 (x-direction trial)

Skip reach #3 (x-direction trial)

Skip reach #4 (x-direction trial)

Skip reach #5 (x-direction trial)

Reach #6: avg: 356.238609, Target: 325.437500, error: 30.801109

Skip reach #7 (x-direction trial)

Skip reach #8 (x-direction trial)

Skip reach #9 (x-direction trial)

Skip reach #10 (x-direction trial)

Skip reach #11 (x-direction trial)

Skip reach #12 (x-direction trial)

Skip reach #13 (blink trial)

Reach #14: avg: 364.890980, Target: 325.437500, error: 39.453480

Skip reach #15 (x-direction trial)

Skip reach #16 (x-direction trial)

Skip reach #17 (x-direction trial)

Skip reach #18 (x-direction trial)

Skip reach #19 (x-direction trial)

Skip reach #20 (x-direction trial)

Skip reach #21 (x-direction trial)

Skip reach #22 (x-direction trial)

Skip reach #23 (x-direction trial)

Skip reach #24 (x-direction trial)

Skip reach #25 (x-direction trial)

Reach #26: avg: 377.942333, Target: 325.437500, error: 52.504833

Skip reach #27 (x-direction trial)

Skip reach #28 (x-direction trial)

Reach #29: avg: 342.833682, Target: 195.262500, error: 147.571182

Skip reach #30 (x-direction trial)

Reach #31: avg: 370.845182, Target: 325.437500, error: 45.407682

Skip reach #32 (x-direction trial)

Skip reach #33 (x-direction trial)

Skip reach #34 (blink trial)

Reach #35: avg: 455.612500, Target: 325.437500, error: 130.175000

Skip reach #36 (x-direction trial)

Skip reach #37 (x-direction trial)

Skip reach #38 (x-direction trial)

Skip reach #39 (x-direction trial)

Reach #40: avg: 368.769016, Target: 325.437500, error: 43.331516

Reach #41: avg: 426.227191, Target: 195.262500, error: 230.964691

Skip reach #42 (x-direction trial)

Skip reach #43 (x-direction trial)

Reach #44: avg: 342.606415, Target: 195.262500, error: 147.343915

Skip reach #45 (blink trial)

Skip reach #46 (x-direction trial)

Reach #47: avg: 405.123244, Target: 325.437500, error: 79.685744

Skip reach #48 (x-direction trial)

Skip reach #49 (x-direction trial)

Skip reach #50 (x-direction trial)

EyeY RMSE: 113.722927 (mm)

Eye Hand Feedback (HandX):

Reach #1: avg: 851.450753, Target: 846.759900, error: 4.690853

Reach #2: avg: 738.055843, Target: 725.794200, error: 12.261643

Reach #3: avg: 737.533347, Target: 725.794200, error: 11.739147

Reach #4: avg: 374.072256, Target: 362.897100, error: 11.175156

Reach #5: avg: 735.203069, Target: 725.794200, error: 9.408869

Skip reach #6 (y-direction trial)

Reach #7: avg: 495.737828, Target: 483.862800, error: 11.875028

Reach #8: avg: 373.753786, Target: 362.897100, error: 10.856686

Reach #9: avg: 731.005402, Target: 725.794200, error: 5.211202

Reach #10: avg: 375.797757, Target: 362.897100, error: 12.900657

Reach #11: avg: 493.739567, Target: 483.862800, error: 9.876767

Reach #12: avg: 737.478010, Target: 725.794200, error: 11.683810

Skip reach #13 (blink trial)

Skip reach #14 (y-direction trial)

Reach #15: avg: 852.462389, Target: 846.759900, error: 5.702489

Reach #16: avg: 733.991602, Target: 725.794200, error: 8.197402

Reach #17: avg: 734.867387, Target: 725.794200, error: 9.073187

Reach #18: avg: 853.384065, Target: 846.759900, error: 6.624165

Reach #19: avg: 853.804712, Target: 846.759900, error: 7.044812

Reach #20: avg: 853.597208, Target: 846.759900, error: 6.837308

Reach #21: avg: 734.948212, Target: 725.794200, error: 9.154012

Reach #22: avg: 733.502993, Target: 725.794200, error: 7.708793

Reach #23: avg: 494.416014, Target: 483.862800, error: 10.553214

Reach #24: avg: 374.119703, Target: 362.897100, error: 11.222603

Reach #25: avg: 735.182490, Target: 725.794200, error: 9.388290

Skip reach #26 (y-direction trial)

Reach #27: avg: 374.741645, Target: 362.897100, error: 11.844545

Reach #28: avg: 493.576124, Target: 483.862800, error: 9.713324

Skip reach #29 (y-direction trial)

Reach #30: avg: 495.067748, Target: 483.862800, error: 11.204948

Skip reach #31 (y-direction trial)

Reach #32: avg: 734.966849, Target: 725.794200, error: 9.172649

Reach #33: avg: 497.875679, Target: 483.862800, error: 14.012879

Skip reach #34 (blink trial)

Skip reach #35 (y-direction trial)

Reach #36: avg: 495.002673, Target: 483.862800, error: 11.139873

Reach #37: avg: 854.608161, Target: 846.759900, error: 7.848261

Reach #38: avg: 496.379672, Target: 483.862800, error: 12.516872

Reach #39: avg: 855.589459, Target: 846.759900, error: 8.829559

Skip reach #40 (y-direction trial)

Skip reach #41 (y-direction trial)

Reach #42: avg: 735.822974, Target: 725.794200, error: 10.028774

Reach #43: avg: 493.097459, Target: 483.862800, error: 9.234659

Skip reach #44 (y-direction trial)

Skip reach #45 (blink trial)

Reach #46: avg: 852.515033, Target: 846.759900, error: 5.755133

Skip reach #47 (y-direction trial)

Reach #48: avg: 495.679432, Target: 483.862800, error: 11.816632

Reach #49: avg: 735.355012, Target: 725.794200, error: 9.560812

Reach #50: avg: 851.592588, Target: 846.759900, error: 4.832688

HandX RMSE: 9.775126 (mm)

Eye Hand Feedback (HandY):

Skip reach #1 (y-direction trial)

Skip reach #2 (y-direction trial)

Skip reach #3 (y-direction trial)

Skip reach #4 (y-direction trial)

Skip reach #5 (y-direction trial)

Reach #6: avg: 324.837508, Target: 325.437500, error: -0.599992

Skip reach #7 (y-direction trial)

Skip reach #8 (y-direction trial)

Skip reach #9 (y-direction trial)

Skip reach #10 (y-direction trial)

Skip reach #11 (y-direction trial)

Skip reach #12 (y-direction trial)

Skip reach #13 (blink trial)

Reach #14: avg: 321.966599, Target: 325.437500, error: -3.470901

Skip reach #15 (y-direction trial)

Skip reach #16 (y-direction trial)

Skip reach #17 (y-direction trial)

Skip reach #18 (y-direction trial)

Skip reach #19 (y-direction trial)

Skip reach #20 (y-direction trial)

Skip reach #21 (y-direction trial)

Skip reach #22 (y-direction trial)

Skip reach #23 (y-direction trial)

Skip reach #24 (y-direction trial)

Skip reach #25 (y-direction trial)

Reach #26: avg: 321.055312, Target: 325.437500, error: -4.382188

Skip reach #27 (y-direction trial)

Skip reach #28 (y-direction trial)

Reach #29: avg: 192.477990, Target: 195.262500, error: -2.784510

Skip reach #30 (y-direction trial)

Reach #31: avg: 321.099043, Target: 325.437500, error: -4.338457

Skip reach #32 (y-direction trial)

Skip reach #33 (y-direction trial)

Skip reach #34 (blink trial)

Reach #35: avg: 318.349176, Target: 325.437500, error: -7.088324

Skip reach #36 (y-direction trial)

Skip reach #37 (y-direction trial)

Skip reach #38 (y-direction trial)

Skip reach #39 (y-direction trial)

Reach #40: avg: 322.929535, Target: 325.437500, error: -2.507965

Reach #41: avg: 191.142305, Target: 195.262500, error: -4.120195

Skip reach #42 (y-direction trial)

Skip reach #43 (y-direction trial)

Reach #44: avg: 192.682511, Target: 195.262500, error: -2.579989

Skip reach #45 (blink trial)

Skip reach #46 (y-direction trial)

Reach #47: avg: 321.976404, Target: 325.437500, error: -3.461096

Skip reach #48 (y-direction trial)

Skip reach #49 (y-direction trial)

Skip reach #50 (y-direction trial)

HandY RMSE: 3.877270 (mm)

Eye Hand No Feedback (EyeX):

Reach #1: avg: 829.881701, Target: 846.759900, error: -16.878199

Reach #2: avg: 720.201319, Target: 725.794200, error: -5.592881

Reach #3: avg: 718.752794, Target: 725.794200, error: -7.041406

Reach #4: avg: 364.533433, Target: 362.897100, error: 1.636333

Reach #5: avg: 722.825317, Target: 725.794200, error: -2.968883

Skip reach #6 (y-direction trial)

Reach #7: avg: 477.679965, Target: 483.862800, error: -6.182835

Reach #8: avg: 364.055621, Target: 362.897100, error: 1.158521

Reach #9: avg: 723.929963, Target: 725.794200, error: -1.864237

Reach #10: avg: 374.174098, Target: 362.897100, error: 11.276998

Reach #11: avg: 480.514741, Target: 483.862800, error: -3.348059

Reach #12: avg: 717.425652, Target: 725.794200, error: -8.368548

Reach #13: avg: 483.497373, Target: 483.862800, error: -0.365427

Skip reach #14 (y-direction trial)

Reach #15: avg: 829.326854, Target: 846.759900, error: -17.433046

Reach #16: avg: 708.315493, Target: 725.794200, error: -17.478707

Reach #17: avg: 704.514692, Target: 725.794200, error: -21.279508

Reach #18: avg: 829.511498, Target: 846.759900, error: -17.248402

Reach #19: avg: 820.217038, Target: 846.759900, error: -26.542862

Reach #20: avg: 823.954812, Target: 846.759900, error: -22.805088

Reach #21: avg: 708.421732, Target: 725.794200, error: -17.372468

Reach #22: avg: 711.578729, Target: 725.794200, error: -14.215471

Reach #23: avg: 470.328214, Target: 483.862800, error: -13.534586

Reach #24: avg: 364.360292, Target: 362.897100, error: 1.463192

Skip reach #25 (blink trial)

Skip reach #26 (y-direction trial)

Reach #27: avg: 362.701978, Target: 362.897100, error: -0.195122

Reach #28: avg: 476.659243, Target: 483.862800, error: -7.203557

Skip reach #29 (y-direction trial)

Reach #30: avg: 479.979528, Target: 483.862800, error: -3.883272

Skip reach #31 (y-direction trial)

Reach #32: avg: 704.349276, Target: 725.794200, error: -21.444924

Reach #33: avg: 470.011358, Target: 483.862800, error: -13.851442

Reach #34: avg: 837.443867, Target: 846.759900, error: -9.316033

Skip reach #35 (y-direction trial)

Reach #36: avg: 473.166006, Target: 483.862800, error: -10.696794

Reach #37: avg: 835.722567, Target: 846.759900, error: -11.037333

Reach #38: avg: 473.163010, Target: 483.862800, error: -10.699790

Skip reach #39 (blink trial)

Skip reach #40 (y-direction trial)

Skip reach #41 (y-direction trial)

Reach #42: avg: 703.777375, Target: 725.794200, error: -22.016825

Reach #43: avg: 481.608397, Target: 483.862800, error: -2.254403

Skip reach #44 (y-direction trial)

Skip reach #45 (blink trial)

Reach #46: avg: 839.652263, Target: 846.759900, error: -7.107637

Skip reach #47 (y-direction trial)

Reach #48: avg: 475.682515, Target: 483.862800, error: -8.180285

Reach #49: avg: 715.628854, Target: 725.794200, error: -10.165346

Reach #50: avg: 826.300521, Target: 846.759900, error: -20.459379

EyeX RMSE: 12.932064 (mm)

Eye Hand No Feedback (EyeY):

Skip reach #1 (x-direction trial)

Skip reach #2 (x-direction trial)

Skip reach #3 (x-direction trial)

Skip reach #4 (x-direction trial)

Skip reach #5 (x-direction trial)

Reach #6: avg: 347.360383, Target: 325.437500, error: 21.922883

Skip reach #7 (x-direction trial)

Skip reach #8 (x-direction trial)

Skip reach #9 (x-direction trial)

Skip reach #10 (x-direction trial)

Skip reach #11 (x-direction trial)

Skip reach #12 (x-direction trial)

Skip reach #13 (x-direction trial)

Reach #14: avg: 364.647105, Target: 325.437500, error: 39.209605

Skip reach #15 (x-direction trial)

Skip reach #16 (x-direction trial)

Skip reach #17 (x-direction trial)

Skip reach #18 (x-direction trial)

Skip reach #19 (x-direction trial)

Skip reach #20 (x-direction trial)

Skip reach #21 (x-direction trial)

Skip reach #22 (x-direction trial)

Skip reach #23 (x-direction trial)

Skip reach #24 (x-direction trial)

Skip reach #25 (blink trial)

Reach #26: avg: 357.194523, Target: 325.437500, error: 31.757023

Skip reach #27 (x-direction trial)

Skip reach #28 (x-direction trial)

Reach #29: avg: 357.372608, Target: 195.262500, error: 162.110108

Skip reach #30 (x-direction trial)

Reach #31: avg: 359.208742, Target: 325.437500, error: 33.771242

Skip reach #32 (x-direction trial)

Skip reach #33 (x-direction trial)

Skip reach #34 (x-direction trial)

Reach #35: avg: 455.612500, Target: 325.437500, error: 130.175000

Skip reach #36 (x-direction trial)

Skip reach #37 (x-direction trial)

Skip reach #38 (x-direction trial)

Skip reach #39 (blink trial)

Reach #40: avg: 350.396523, Target: 325.437500, error: 24.959023

Reach #41: avg: 293.199699, Target: 195.262500, error: 97.937199

Skip reach #42 (x-direction trial)

Skip reach #43 (x-direction trial)

Reach #44: avg: 254.366074, Target: 195.262500, error: 59.103574

Skip reach #45 (blink trial)

Skip reach #46 (x-direction trial)

Reach #47: avg: 350.767939, Target: 325.437500, error: 25.330439

Skip reach #48 (x-direction trial)

Skip reach #49 (x-direction trial)

Skip reach #50 (x-direction trial)

EyeY RMSE: 78.575913 (mm)

Eye Hand No Feedback (HandX):

Reach #1: avg: 853.906087, Target: 846.759900, error: 7.146187

Reach #2: avg: 734.518787, Target: 725.794200, error: 8.724587

Reach #3: avg: 734.182270, Target: 725.794200, error: 8.388070

Reach #4: avg: 371.972940, Target: 362.897100, error: 9.075840

Reach #5: avg: 736.478936, Target: 725.794200, error: 10.684736

Skip reach #6 (y-direction trial)

Reach #7: avg: 490.879348, Target: 483.862800, error: 7.016548

Reach #8: avg: 372.416718, Target: 362.897100, error: 9.519618

Reach #9: avg: 733.221031, Target: 725.794200, error: 7.426831

Reach #10: avg: 373.418278, Target: 362.897100, error: 10.521178

Reach #11: avg: 491.446956, Target: 483.862800, error: 7.584156

Reach #12: avg: 733.498996, Target: 725.794200, error: 7.704796

Reach #13: avg: 493.501248, Target: 483.862800, error: 9.638448

Skip reach #14 (y-direction trial)

Reach #15: avg: 850.376053, Target: 846.759900, error: 3.616153

Reach #16: avg: 732.999674, Target: 725.794200, error: 7.205474

Reach #17: avg: 733.743777, Target: 725.794200, error: 7.949577

Reach #18: avg: 852.487839, Target: 846.759900, error: 5.727939

Reach #19: avg: 853.378478, Target: 846.759900, error: 6.618578

Reach #20: avg: 855.136231, Target: 846.759900, error: 8.376331

Reach #21: avg: 735.330307, Target: 725.794200, error: 9.536107

Reach #22: avg: 733.488100, Target: 725.794200, error: 7.693900

Reach #23: avg: 494.879384, Target: 483.862800, error: 11.016584

Reach #24: avg: 373.154286, Target: 362.897100, error: 10.257186

Skip reach #25 (blink trial)

Skip reach #26 (y-direction trial)

Reach #27: avg: 373.944162, Target: 362.897100, error: 11.047062

Reach #28: avg: 493.421661, Target: 483.862800, error: 9.558861

Skip reach #29 (y-direction trial)

Reach #30: avg: 495.599512, Target: 483.862800, error: 11.736712

Skip reach #31 (y-direction trial)

Reach #32: avg: 735.757184, Target: 725.794200, error: 9.962984

Reach #33: avg: 493.928987, Target: 483.862800, error: 10.066187

Reach #34: avg: 856.206212, Target: 846.759900, error: 9.446312

Skip reach #35 (y-direction trial)

Reach #36: avg: 495.356057, Target: 483.862800, error: 11.493257

Reach #37: avg: 854.783686, Target: 846.759900, error: 8.023786

Reach #38: avg: 495.887486, Target: 483.862800, error: 12.024686

Skip reach #39 (blink trial)

Skip reach #40 (y-direction trial)

Skip reach #41 (y-direction trial)

Reach #42: avg: 736.668650, Target: 725.794200, error: 10.874450

Reach #43: avg: 495.347405, Target: 483.862800, error: 11.484605

Skip reach #44 (y-direction trial)

Skip reach #45 (blink trial)

Reach #46: avg: 858.053739, Target: 846.759900, error: 11.293839

Skip reach #47 (y-direction trial)

Reach #48: avg: 493.992766, Target: 483.862800, error: 10.129966

Reach #49: avg: 736.736127, Target: 725.794200, error: 10.941927

Reach #50: avg: 857.087971, Target: 846.759900, error: 10.328071

HandX RMSE: 9.372201 (mm)

Eye Hand No Feedback (HandY):

Skip reach #1 (y-direction trial)

Skip reach #2 (y-direction trial)

Skip reach #3 (y-direction trial)

Skip reach #4 (y-direction trial)

Skip reach #5 (y-direction trial)

Reach #6: avg: 320.225463, Target: 325.437500, error: -5.212037

Skip reach #7 (y-direction trial)

Skip reach #8 (y-direction trial)

Skip reach #9 (y-direction trial)

Skip reach #10 (y-direction trial)

Skip reach #11 (y-direction trial)

Skip reach #12 (y-direction trial)

Skip reach #13 (y-direction trial)

Reach #14: avg: 319.154775, Target: 325.437500, error: -6.282725

Skip reach #15 (y-direction trial)

Skip reach #16 (y-direction trial)

Skip reach #17 (y-direction trial)

Skip reach #18 (y-direction trial)

Skip reach #19 (y-direction trial)

Skip reach #20 (y-direction trial)

Skip reach #21 (y-direction trial)

Skip reach #22 (y-direction trial)

Skip reach #23 (y-direction trial)

Skip reach #24 (y-direction trial)

Skip reach #25 (blink trial)

Reach #26: avg: 321.309827, Target: 325.437500, error: -4.127673

Skip reach #27 (y-direction trial)

Skip reach #28 (y-direction trial)

Reach #29: avg: 191.489364, Target: 195.262500, error: -3.773136

Skip reach #30 (y-direction trial)

Reach #31: avg: 322.016426, Target: 325.437500, error: -3.421074

Skip reach #32 (y-direction trial)

Skip reach #33 (y-direction trial)

Skip reach #34 (y-direction trial)

Reach #35: avg: 321.807781, Target: 325.437500, error: -3.629719

Skip reach #36 (y-direction trial)

Skip reach #37 (y-direction trial)

Skip reach #38 (y-direction trial)

Skip reach #39 (blink trial)

Reach #40: avg: 320.817758, Target: 325.437500, error: -4.619742

Reach #41: avg: 190.402931, Target: 195.262500, error: -4.859569

Skip reach #42 (y-direction trial)

Skip reach #43 (y-direction trial)

Reach #44: avg: 193.186997, Target: 195.262500, error: -2.075503

Skip reach #45 (blink trial)

Skip reach #46 (y-direction trial)

Reach #47: avg: 320.118333, Target: 325.437500, error: -5.319167

Skip reach #48 (y-direction trial)

Skip reach #49 (y-direction trial)

Skip reach #50 (y-direction trial)

HandY RMSE: 4.476042 (mm)