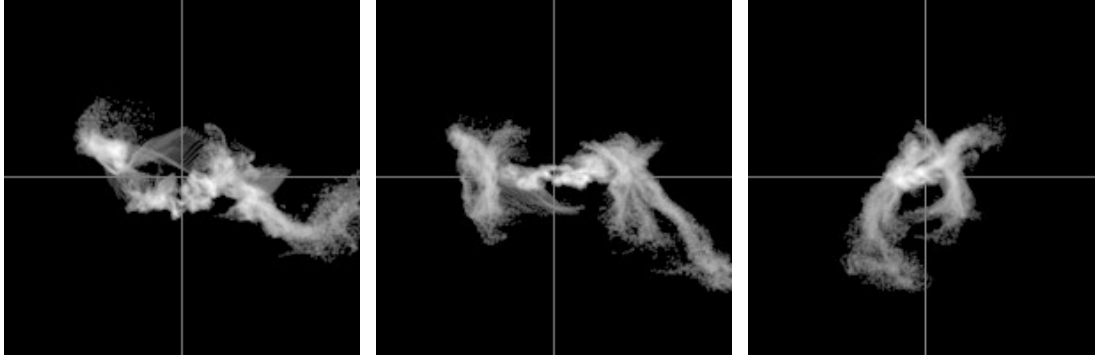


New in StripAlign 2.21 - XY YZ XZ plots, DZ histograms

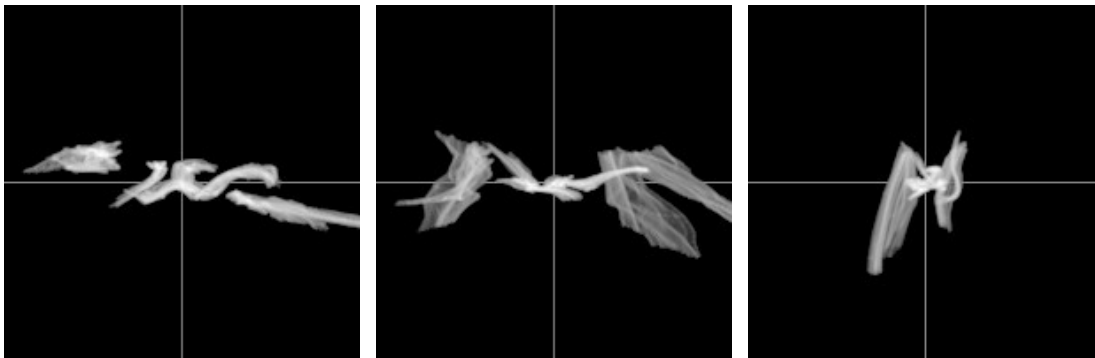
Displacement vectors (registration)

out_disp_xy_0.50, out_disp_xz_0.50, out_disp_yz_0.50



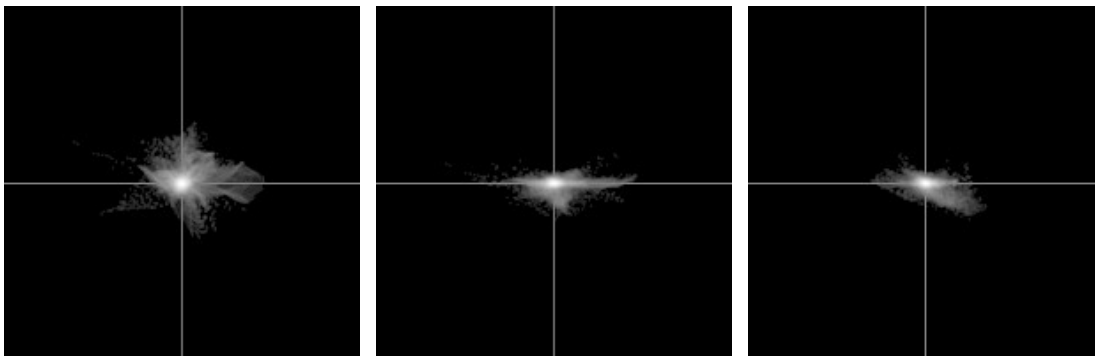
Correction vectors

out_corr_xy_0.50, out_corr_xz_0.50, out_corr_yz_0.50



Residual vectors

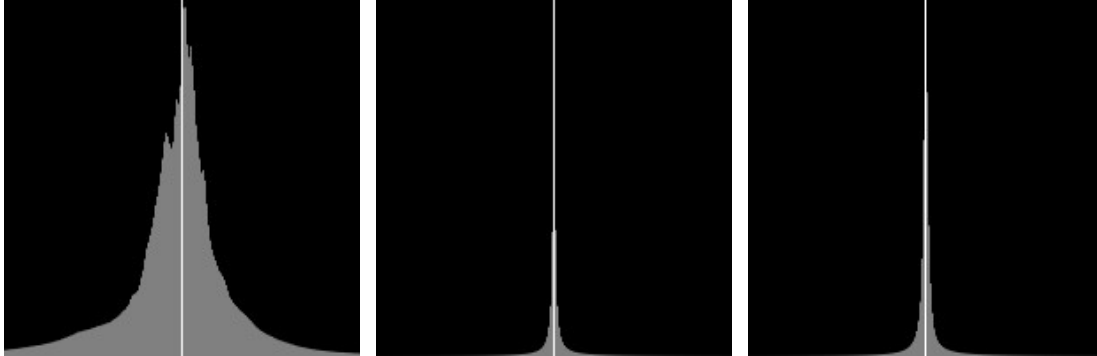
out_res_xy_0.50, out_res_xz_0.50, out_res_yz_0.50



These plots represent vector distributions projected onto a plane for easier visualization.
For all vector plots, the axes names and range are encoded in the file name.
xy_0.50 means horizontal axis = x, vertical axis = y, ranges [-0.50 m, +0.50 m]

DZ Histograms

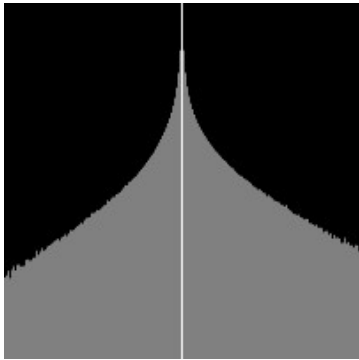
out_DZ_hist_0.50, out_DZreg_hist_0.50, out_DZcorr_hist_0.50



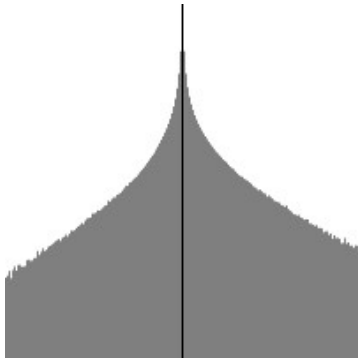
For all histograms, the range is encoded in the file name.
0.50 means [-0.50 m, +0.50 m]

If there is log in the name (`_DZ_log_hist_`) then the vertical axis is the log of the count.

out_DZreg_log_hist_1



with option `-p_inv` (applies to all plots and histograms)



New options

Plots

- p_size** to set the number of pixels corresponding to the range (image size will be $2 \times \text{size} + 1$), default 100
- p_range** to set the range (in meters), default 0.5 m

Histograms

- h_size** same as -p_size for histograms
- h_range** same as -p_range for histograms
- h_log** to compute log histograms ($y = \log \text{count}$), disabled by default ($y = \text{count}$)

General

- plot** to enable or disable all plots and histograms, enabled by default
- p_inv** for inverse (white background), disabled by default (dark background)

Note: -p_inv also sets a white background for colormaps 4 and 9 (solid colors)