

-1 -	Location vs RHH is_strike 0 1	Swi	ng and Miss vs RHH	swing_miss 0 1	wOBA Value vs RHH
5 - 4 - 3 - 2 - 1 - 01 - 3 - 2		Swi	-1 0 1 2	swing_miss 0 1	
fig, axs = fig.suptiting plt.axis (xr sns.kdeplotaxs[0][0].axs[0][0].ssns.kdeplotaxs[0][1].axs[0][1].ssns.kdeplotaxs[0][1][1].ssns.kdeplotaxs[0][1][1][1][1][1][1][1][1][1][1][1][1][1]	Heatmaps plt.subplots(2, 3, figsi le('Curveball Heatmap', f min = -3.5, xmax = 3.5), t(ax = axs[0][0],data=r_c add_patch(Rectangle((83 set_title('Location vs RH t(ax = axs[0][1],data=r_c add_patch(Rectangle((83 set_title('Swing and Miss t(ax = axs[0][2],data=r_c add_patch(Rectangle((83	ze = (20, 12), s fontsize = 16, fo plt.axis(ymin = ru,x='plate_x',y= ru, 1.59), 1.66, 1 fu', fontsize = 1 ru,x='plate_x',y= ru, 1.59), 1.66, 1 ru,x='plate_x',y= ru,x='plate_x',y= ru,x='plate_x',y= ru,x='plate_x',y=	charex = True, so that exemple is a sent weight = 'bol -1.5, ymax = 5. s'plate_z', fill= .82, fill = Fal .4, pad = 15) 'plate_z', fill = Fal .82, fill = Fal .82, fill = Fal .82, fill = Fal .82, fill= .82, fill= .82, fill= .84, pad = .84, pad = .85, fill= .85, fill	harey = True) d') 5) True, hue='is_st se, color = 'bl = True, hue='swi se, color = 'bl 15) True, hue='iso_v	rike',palette='coolwack', linewidth = 2) ng_miss',palette='coolwack', linewidth = 2) alue',palette='coolwack',palette='coolwack',
axs[0][2].s sns.kdeplot axs[1][0].s sns.kdeplot axs[1][1].s sns.kdeplot axs[1][1].s	add_patch(Rectangle((83 set_title('ISO Value vs R t(ax = axs[1][0],data=1_c add_patch(Rectangle((83 set_title('Location vs LH t(ax = axs[1][1],data=1_c add_patch(Rectangle((83 set_title('Swing and Miss t(ax = axs[1][2],data=1_c add_patch(Rectangle((83 set_title('ISO Value vs L Location vs RHH	HH', fontsize = xu,x='plate_x',y= x, 1.59), 1.66, 1 H', fontsize = 1 xu,x='plate_x',y x, 1.59), 1.66, 1 xu,x='plate_x',y= x, 1.59), 1.66, 1 H', fontsize = Curve	14, pad = 15) c'plate_z', fill= .82, fill = Fal 4, pad = 15) ='plate_z', fill .82, fill = Fal .2e = 14, pad = .2e = 14, pad = .3e fill = Fal .4, pad = 15); cball Heatmap mg and Miss vs RHH	True, hue='is_st se, color = 'bl =True, hue='swin se, color = 'bl 15) True, hue='iso_v se, color = 'bl	rike', palette='coolwack', linewidth = 2) g_miss', palette='coolwack', linewidth = 2) alue', palette='coolwath'
5 - 4 - 3 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	Location vs LHH	Swi	ing and Miss vs LHH	swing_miss 0 1	ISO Value vs LHH
5 - 4 - 3 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	-1 0 1 2 3	-3 -2	-1 0 1 2 plate_x	swing_miss 0 1	3 -2 -1 0 1 plate_x
fig.suptitical plt.axis(xr sns.kdeplotaxs[0][0].axs[0][0].ssns.kdeplotaxs[0][1].axs[0][1].axs[0][2].axs[0][2].axs[0][2].axs[0][2].ssns.kdeplotaxs[0][2][2].ssns.kdeplotaxs[0][2][2][2][2][2][2][2][2][2][2][2][2][2]	plt.subplots(2, 3, figsi le('Slider Heatmap', font min = -3.5, xmax = 3.5), t(ax = axs[0][0],data=r_s add_patch(Rectangle((83 set_title('Location vs RH t(ax = axs[0][1],data=r_s add_patch(Rectangle((83 set_title('Swing and Miss t(ax = axs[0][2],data=r_s add_patch(Rectangle((83 set_title('ISO Value vs R t(ax = axs[1][0],data=1_s add_patch(Rectangle((83	size = 16, fontw plt.axis(ymin = l,x='plate_x',y= 1,1.59), 1.66, 1 H', fontsize = 1 l,x='plate_x',y= 1,29), 1.66, 1 vs RHH', fontsi l,x='plate_x',y= 1,1.59), 1.66, 1 HH', fontsize = l,x='plate_x',y= 1,x='plate_x',y=	reight = 'bold') -1.5, ymax = 5. 'plate_z',fill= .82, fill = Fal 4, pad = 15) 'plate_z',fill .82, fill = Fal .ze = 14, pad = 'plate_z',fill= .82, fill = Fal 14, pad = 15) 'plate_z',fill=	True, hue='type' se, color = 'bl = True, hue='swi se, color = 'bl 15) True, hue='iso_v se, color = 'bl True, hue='type'	<pre>ack', linewidth = 2) ng_miss',palette='coo ack', linewidth = 2) alue',palette='coolwack', linewidth = 2) ,palette='coolwarm')</pre>
axs[1][0].s sns.kdeplot axs[1][1].s axs[1][1].s sns.kdeplot axs[1][2].s	set_title('Location vs LH t(ax = axs[1][1],data=1_s add_patch(Rectangle((83 set_title('Swing and Miss t(ax = axs[1][2],data=1_s add_patch(Rectangle((83 set_title('ISO Value vs L Location vs RHH	H', fontsize = 1 1,x='plate_x',y= 1,1.59), 1.66, 1 2 vs LHH', fontsi 1,x='plate_x',y= 1,1.59), 1.66, 1 HH', fontsize =	4, pad = 15) 'plate_z',fill .82, fill = Fal ze = 14, pad = 'plate_z',fill= .82, fill = Fal 14, pad = 15); Her Heatmap ng and Miss vs RHH	= True, hue='swi se, color = 'bl 15) True, hue='iso_v	ng_miss',palette='coack', linewidth = 2) alue',palette='coolwa
3 - 2 - 2 - 1 - 01 - 5 - 4 -	Location vs LHH type B S S X	Swi	ing and Miss vs LHH	swing_miss 0 1	ISO Value vs LHH
	er Heatmaps plt.subplots(1, 3, figsi	-3 -2	-1 0 1 2 plate_x	3 -	3 -2 -1 0 1 plate_x
fig.suptitical plt.axis(xr sns.kdeplotaxs[0].add axs[0].set sns.kdeplotaxs[1].add axs[1].set sns.kdeplotaxs[2].add	le('Split-Finger Heatmap' min = -3.5, xmax = 3.5), t(ax = axs[0],data=r_fs,x patch(Rectangle((83, 1 _title('Location vs RHH', t(ax = axs[1],data=r_fs,x patch(Rectangle((83, 1 _title('Swing and Miss vs t(ax = axs[2],data=r_fs,x patch(Rectangle((83, 1 _title('ISO Value vs RHH' Location vs RHH	<pre>, fontsize = 16, plt.axis(ymin = ='plate_x',y='pl .59), 1.66, 1.82 fontsize = 14, ='plate_x',y='pl .59), 1.66, 1.82 RHH', fontsize ='plate_x',y='pl .59), 1.66, 1.82 , fontsize = 14,</pre> Split-I	<pre>fontweight = ' -1.5, ymax = 5. ate_z',fill=Tru , fill = False, pad = 15) ate_z',fill = T , fill = False, = 14, pad = 15) ate_z',fill=Tru , fill = False,</pre>	<pre>bold') 5) e, hue='is_strik color = 'black rue, hue='swing_ color = 'black e, hue='iso_valu</pre>	<pre>', linewidth = 2)) miss',palette='coolw ', linewidth = 2)) e',palette='coolwarm</pre>
4 - 3 - 3 - 2 - 1 3 - 2	-1 0 1 2 3	-3 -2	-1 0 1 2 plate x	3 -3	-2 -1 0 1 plate_x
	plate_x		pate_X		prate_X