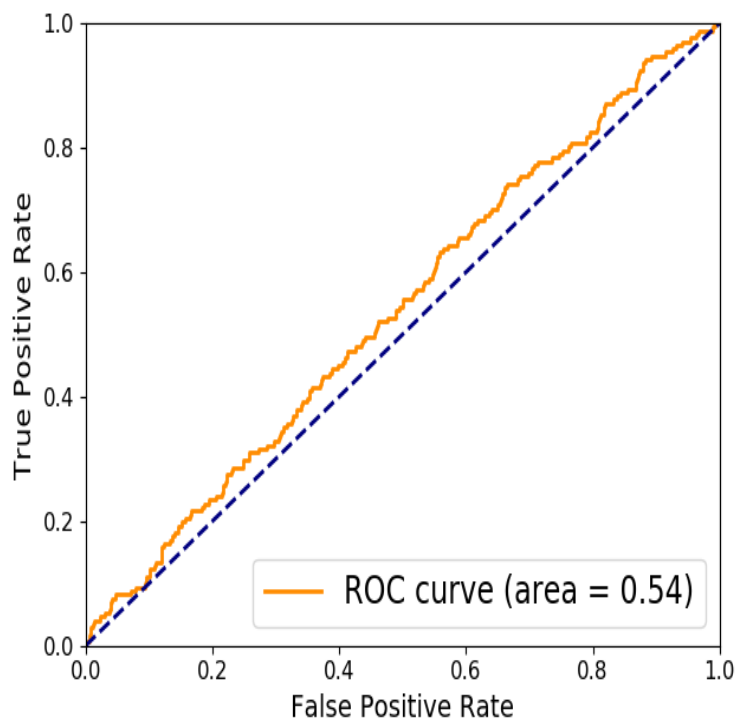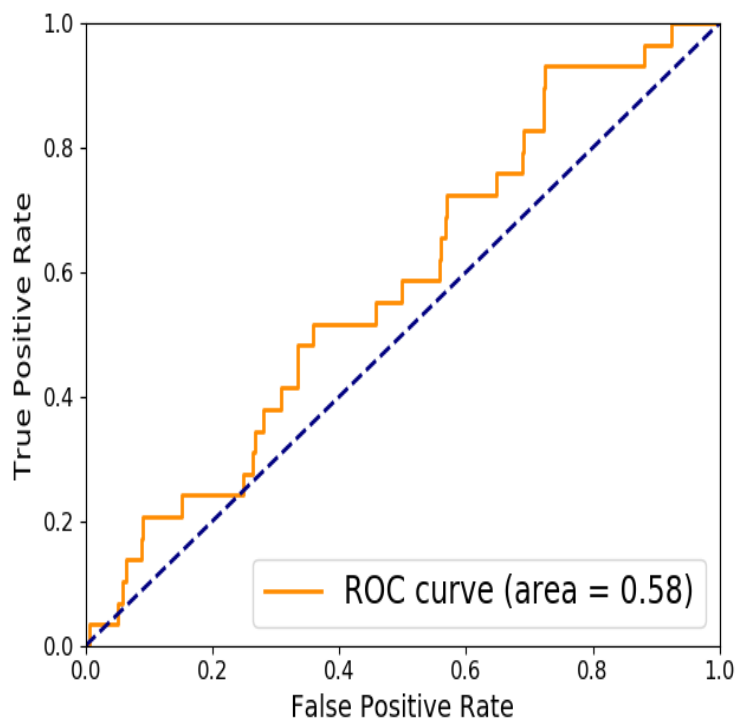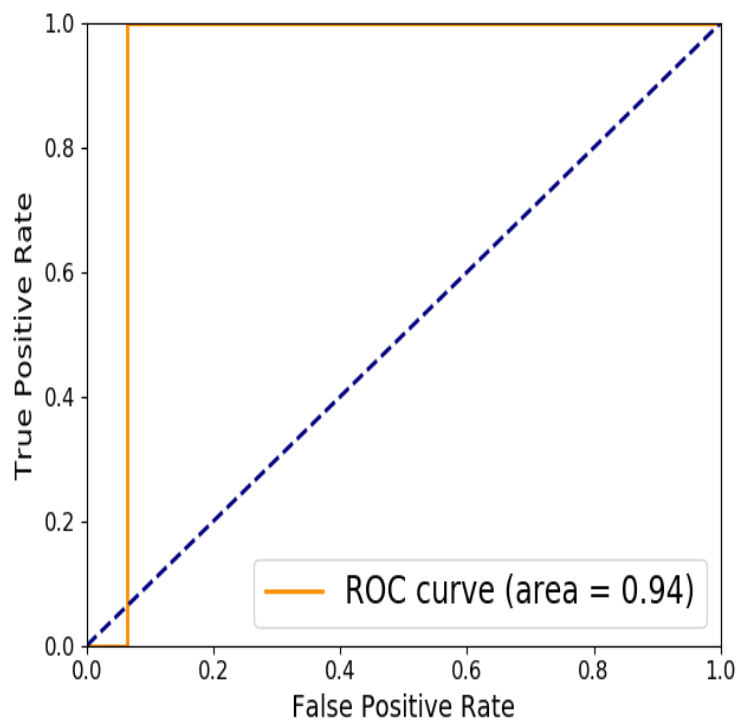# Diffusion ROC from Overlapped to Non-overlapped in both groups STRING
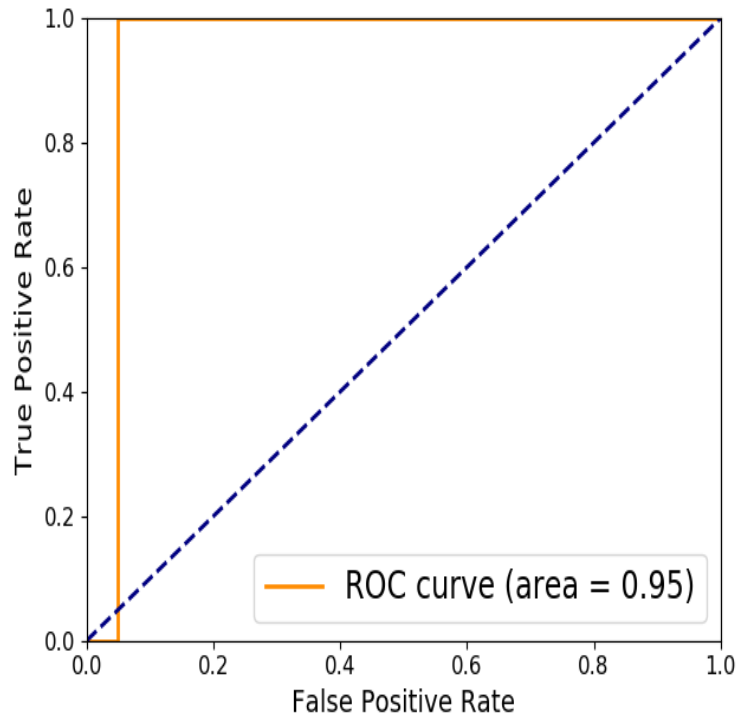
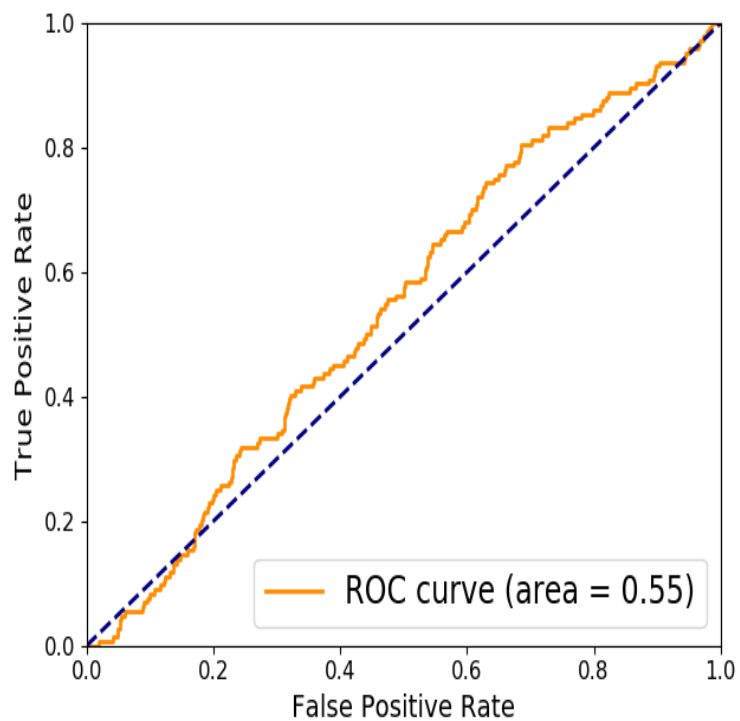# show_1_Diffusion ROC from protein Only to Marttinen STRING10_combine

Diffusion ROC from protein Only to Overlapped STRING10_combined.png
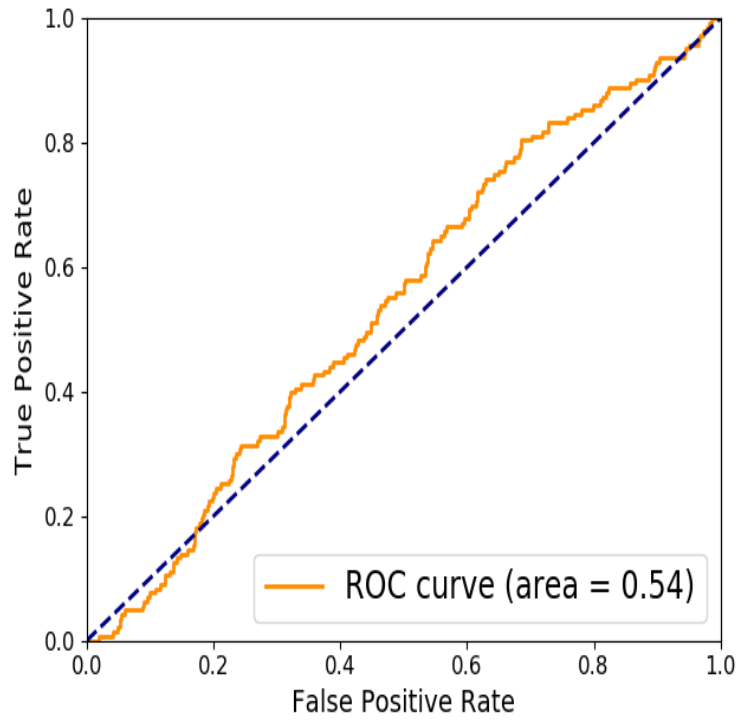
Diffusion ROC from Marttinen Only to Overlapped STRING10_combined.pr

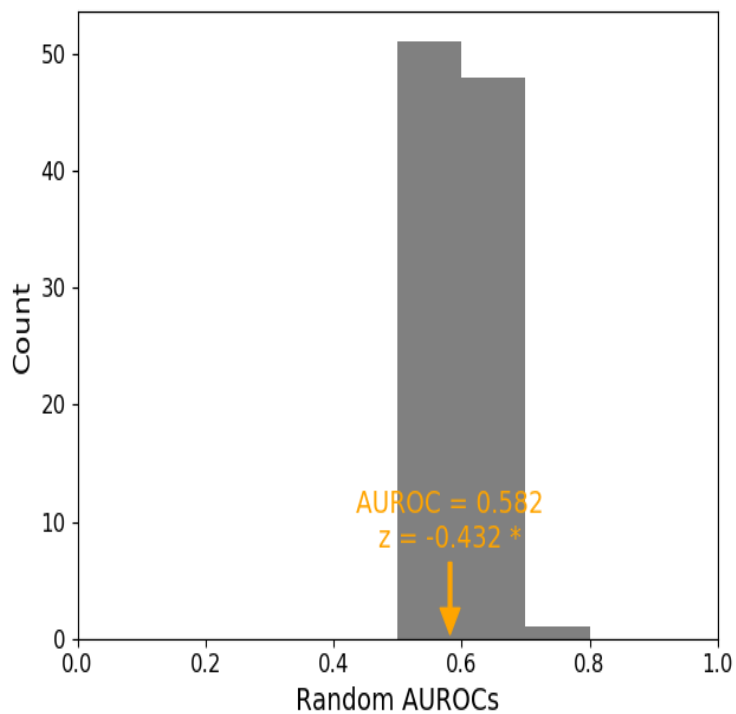# show_2_Diffusion ROC from Marttinen Only to protein STRING10_combine

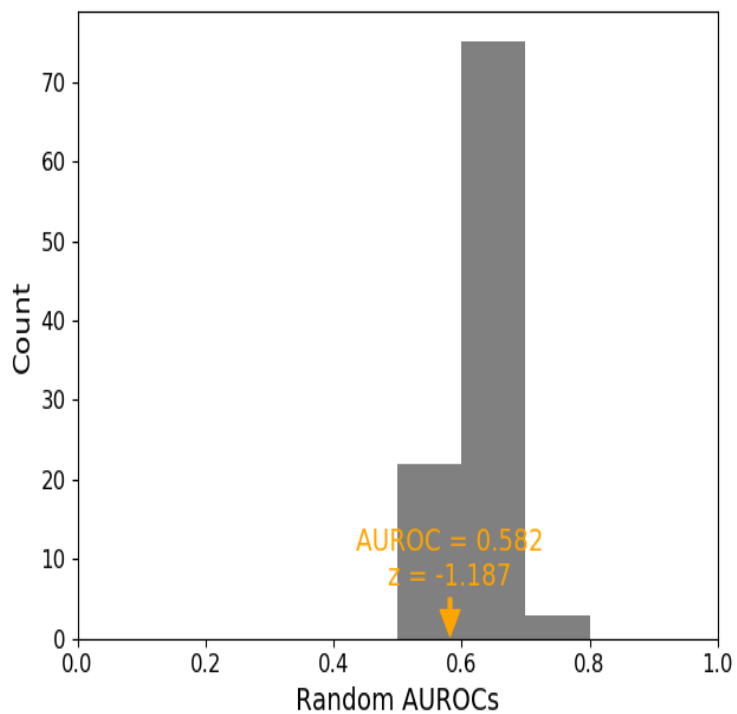# Diffusion ROC from Marttinen Only to protein Only STRING10_combined.p

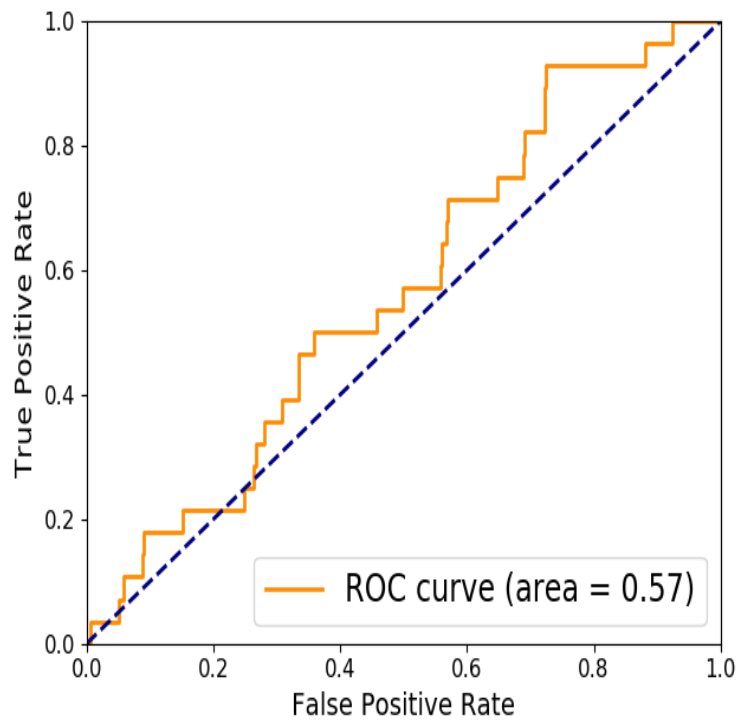# show_11_Zt_degree-matched_from protein Only to Marttinen.png

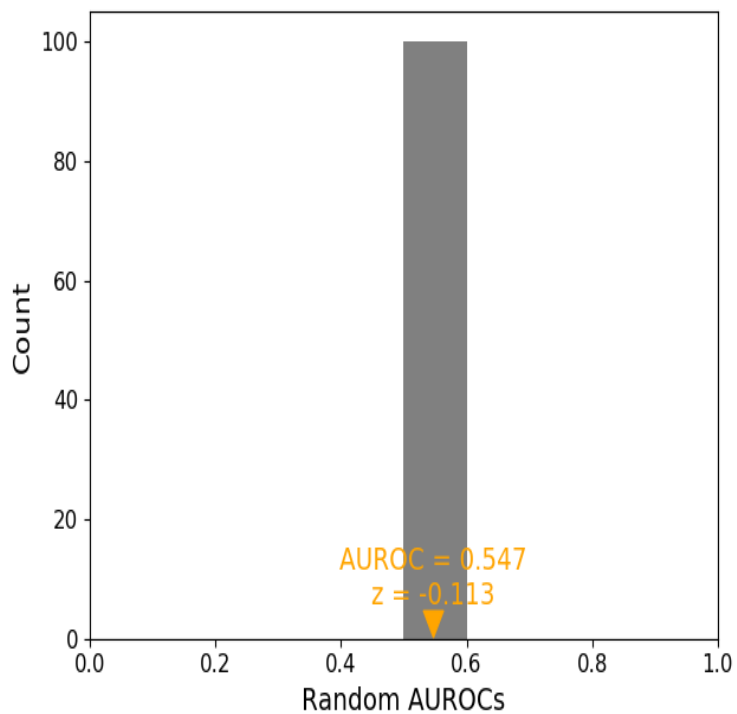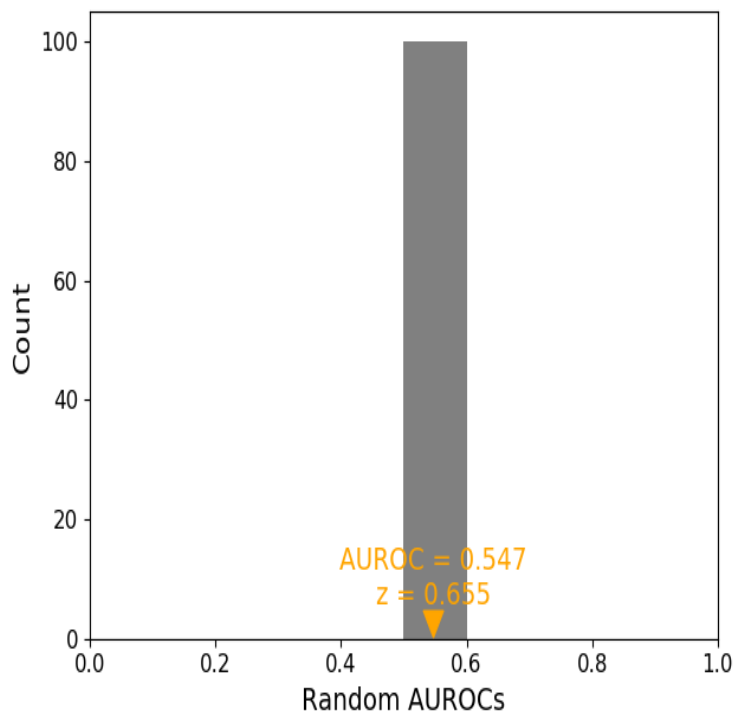# show_12_Zf_degree-matched_from protein Only to Marttinen.png

Diffusion ROC from protein Only to Marttinen Only STRING10_combined.p

show_21_Zt_degree-matched_from Marttinen Only to protein.png

show_22_Zf_degree-matched_from Marttinen Only to protein.png

Diffusion FROM	Diffusion TO	AUROC	Zt (degree-matched)	Zt (uniform)	Zf (degree-matched)	Zf (uniform)
protein only	Marttinen	0.582	-0.432 *	1.467	-1.187	-0.902
Marttinen only	protein	0.547	-0.113	2.042 *	0.655	0.756
protein only	Marttinen only	0.569	-0.676	1.137	-1.143	-1.106
Marttinen only	protein only	0.544	-0.229	1.663	0.706	0.391
protein only	Overlapped	0.935	1.747	1.398 *	1.304 *	1.269
Marttinen only	Overlapped	0.951	1.866 *	1.577 *	0.959 *	1.586 *
Overlapped	Non-overlapped genes in both groups	0.541	-0.301	1.735	-0.894	-0.425

Z-scores are computed for the experimental AUROC based on distributions of the random AUROCs
Zf : when randomizing source genes (Diffusion FROM)
Zf : when randomizing recipient genes (Diffusion TO)
Random genes are selected either uniformly or degree matched
* : Distribution of random AUROC is not Gaussian

**	#Mapped	#Total	Not mapped genes	
protein Only	143	147	MGME1;DCDC1;VSTM5;MAL2	N/A
Marttinen Only	28	29	C9orf172	N/A
Overlapped	1	1		NOP56

(end of file)