show_22_Zf_degree-matched_from ADSP Only to Martinet.png
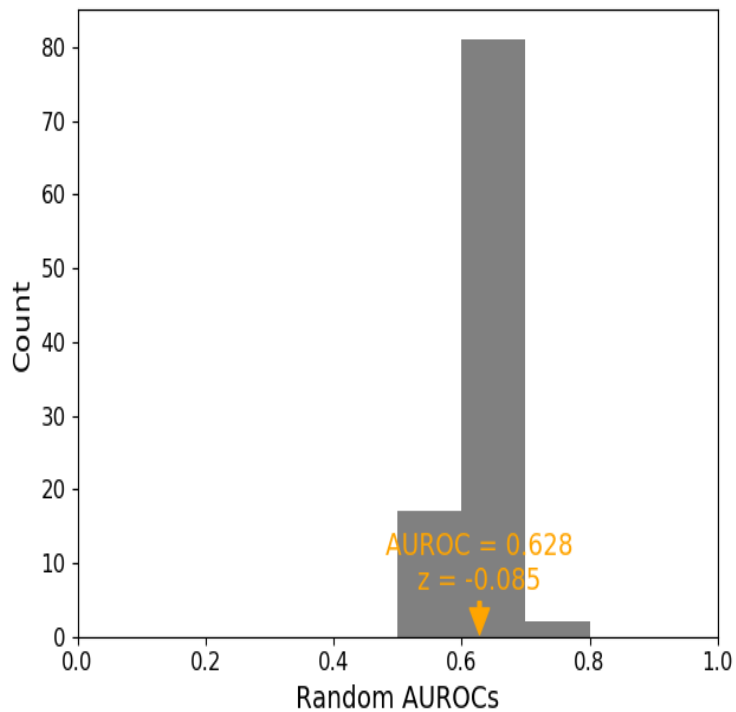

AUROC = 0.628
z = -0.085

Diffusion ROC from ADSP Only to Overlapped STRING10_combined.png

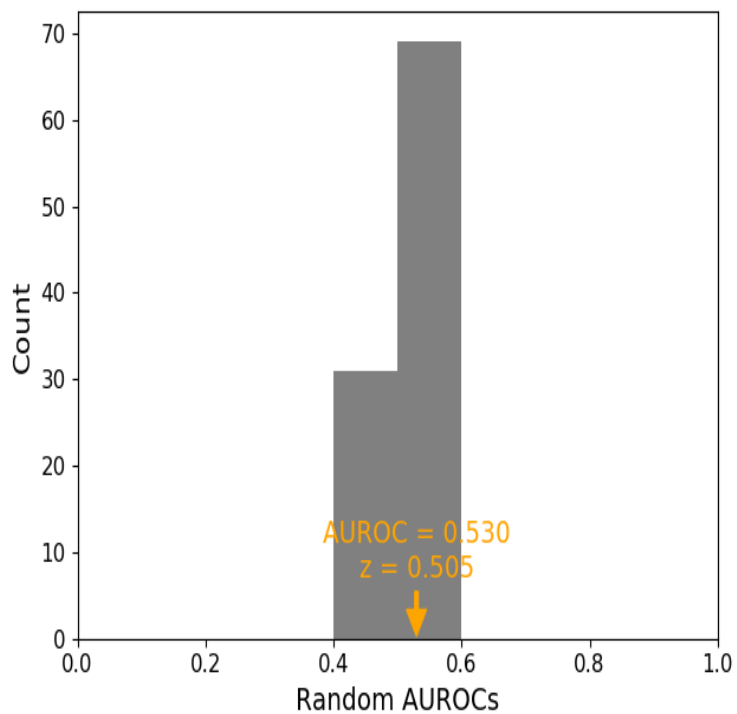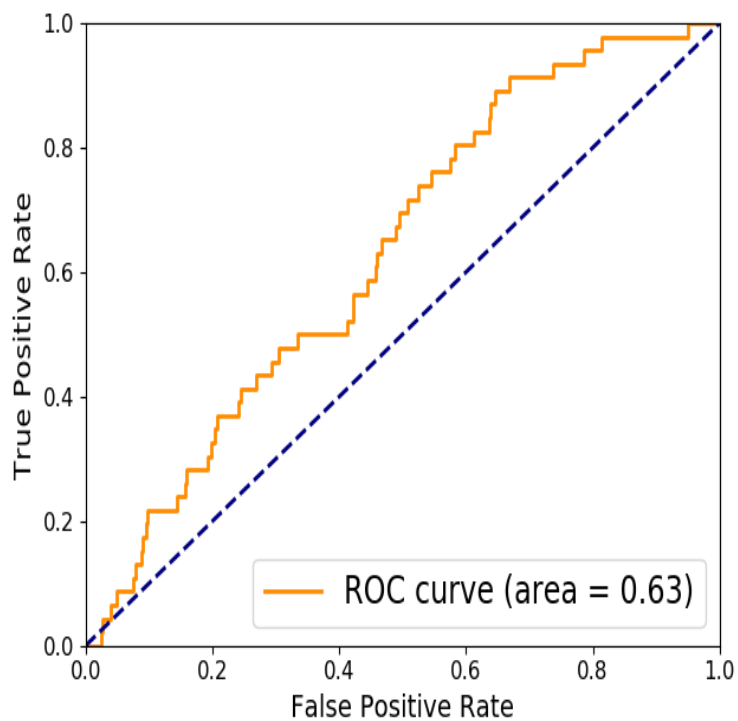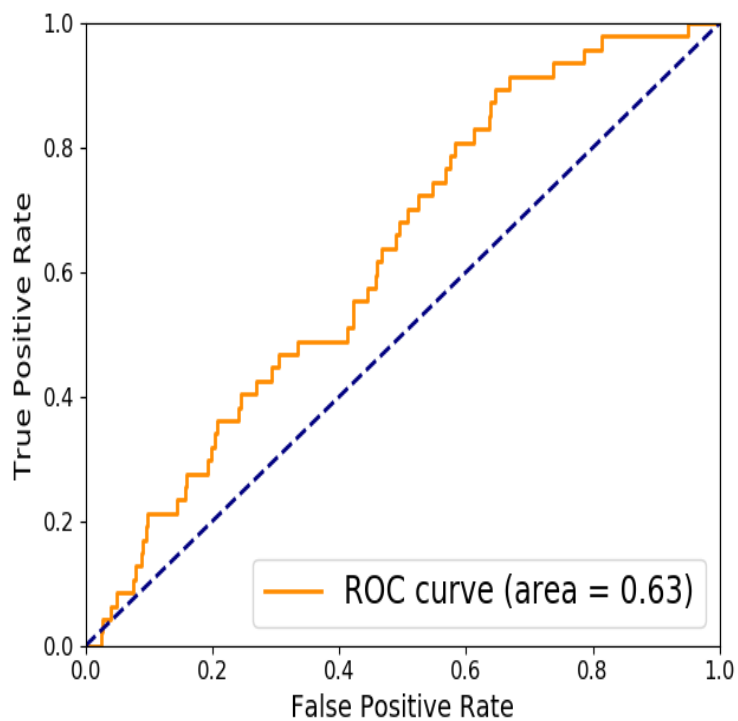# Diffusion ROC from Overlapped to Non-overlapped in both groups STRING

show_11_Zt_degree-matched_from Martinet Only to ADSP.png
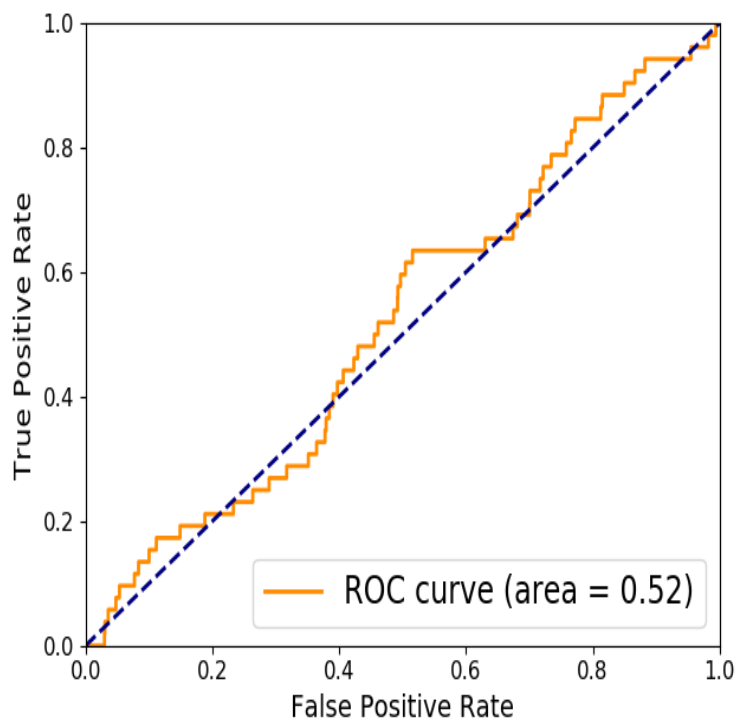
Diffusion ROC from ADSP Only to Martinet Only STRING10_combined.png

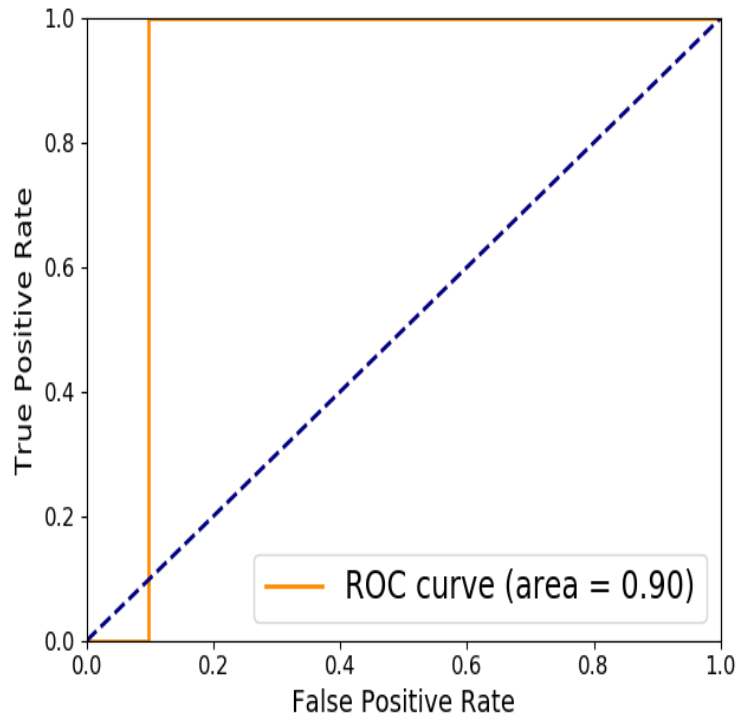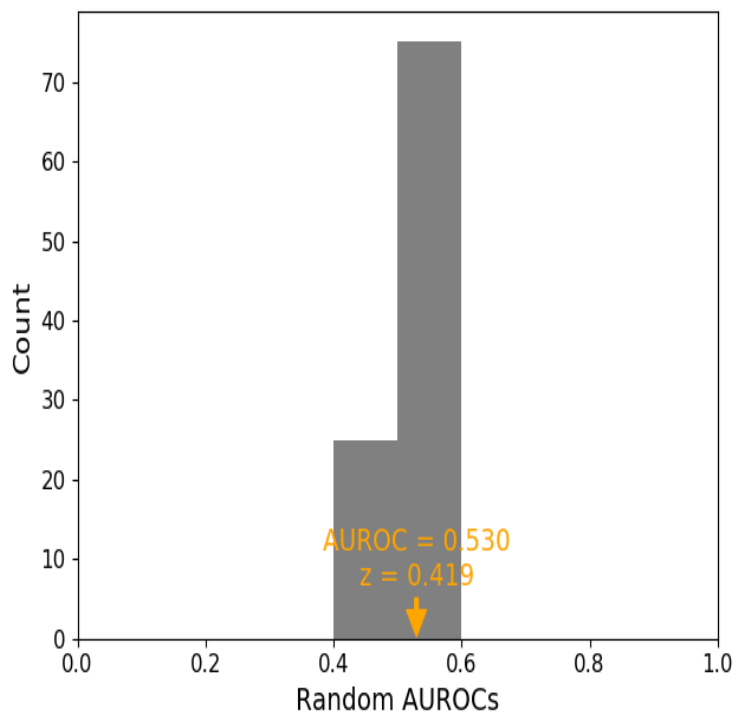# show_2_Diffusion ROC from ADSP Only to Martinet STRING10_combined.

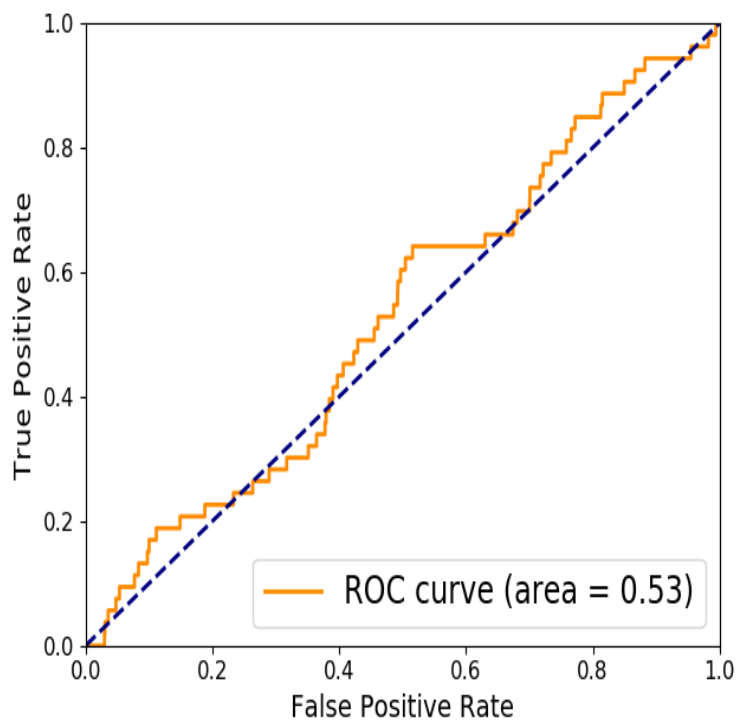# Diffusion ROC from Martinet Only to ADSP Only STRING10_combined.png

Diffusion ROC from Martinet Only to Overlapped STRING10_combined.png
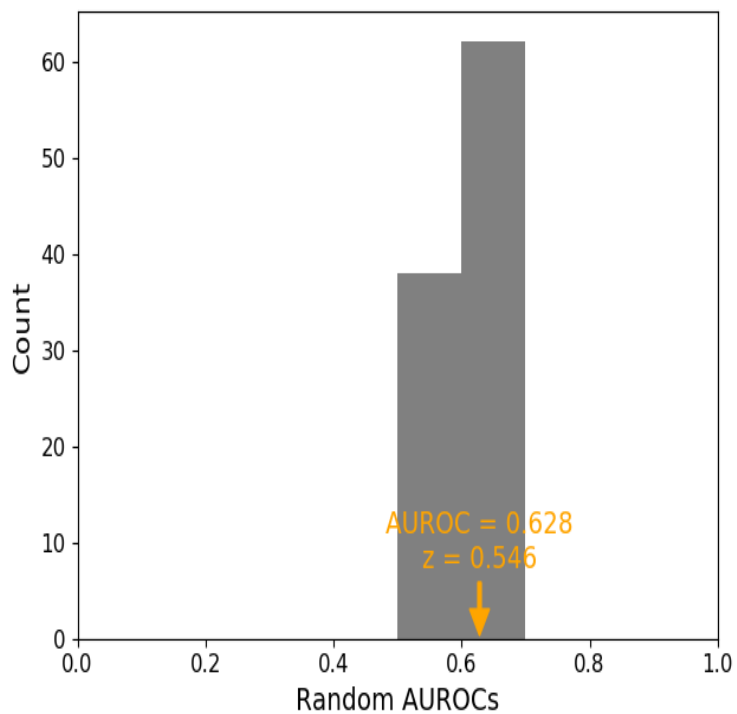
show_12_Zf_degree-matched_from Martinet Only to ADSP.png

AUROC = 0.530
z = 0.419

show_1_Diffusion ROC from Martinet Only to ADSP STRING10_combined.

show_21_Zt_degree-matched_from ADSP Only to Martinet.png

Diffusion FROM	Diffusion TO	AUROC	Zt (degree-matched)	Zt (uniform)	Zf (degree-matched)	Zf (uniform)
Martinet only	ADSP	0.530	0.505	0.584	0.419	0.857
ADSP only	Martinet	0.628	0.546	3.187	-0.085	0.207
Martinet only	ADSP only	0.522	0.500	0.829 *	0.172	0.928
ADSP only	Martinet only	0.632	0.901 *	3.073	0.028	0.403
Martinet only	Overlapped	0.902	1.395 *	1.300 *	0.686 *	1.177 *
ADSP only	Overlapped	0.432	-1.561 *	-0.381 *	-2.000 *	-1.862 *
Overlapped	Non-overlapped genes in both groups	0.534	-0.335	1.248	-0.768 *	-0.908

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	
Martinet Only	46	47	cDNA FLJ60385	N/A
ADSP Only	52	53	IQCF6	N/A
Overlapped	1	1		NOP56

(end of file)