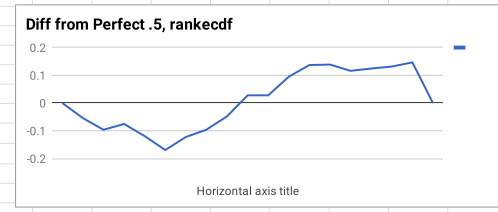
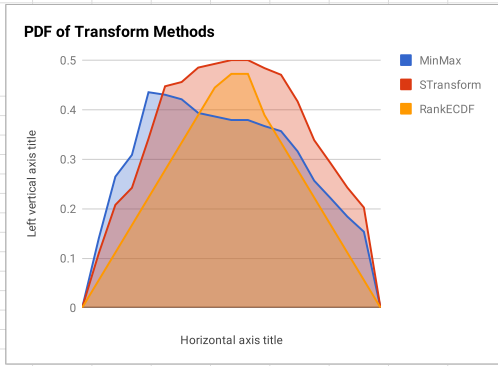


		Integral = MinMax %			Diff from STransform			
Values		MinMax	Regular	AS	STransform	Rank	ECDF	Diff
1633		1	1	1	1	1	0	
1496		0.86006120	0.87811380	0.89022380	0.94444444	-0.054220		0.13993870.10977640.05555555
1374		0.73544430	0.76957290	0.79246630	0.88888888	-0.096422		0.26455560.20753360.11111111
1331		0.69152190	0.73131670	0.75801090	0.83333333	-0.075322		0.30847800.24198900.16666666
1207		0.56486210	0.62099640	0.65865120	0.77777777	-0.119126		0.43513780.34134870.22222222
1075		0.43003060	0.50355870	0.55288110	0.72222222	-0.169341		0.43003060.44711880.27777777
1066		0.42083750	0.49400470	0.54427640	0.66666666	-0.122390		0.42083750.45572350.33333333
1039		0.39325840	0.46163060	0.51511870	0.61111111	-0.095992		0.39325840.48488120.38888888
1032		0.38610820	0.45323740	0.50755930	0.55555555	-0.047996		0.38610820.49244060.44444444
1025		0.37895810	0.44484410	0.5047222220	0.5047222220	0.277777		0.37895810 0.50.4722222
1025		0.37895810	0.44484410	0.5047222220	0.5047222220	0.277777		0.37895810 0.50.4722222
1013		0.36670070	0.43045560	0.48382740	0.38888880	0.0949386		0.36670070.48382740.38888888
1003		0.35648620	0.41846520	0.47035040	0.33333330	0.1370170		0.35648620.47035040.33333333
963		0.31562810	0.37050350	0.41644200	0.27777770	0.1386642		0.31562810.41644200.27777777
905		0.25638400	0.30095920	0.33827490	0.22222220	0.1160527		0.25638400.33827490.22222222
870		0.22063320	0.25899280	0.29110510	0.16666660	0.1244384		0.22063320.29110510.16666666
834		0.18386100	0.21582730	0.24258760	0.11111110	0.1314764		0.18386100.24258760.11111111
804		0.15321750	0.17985610	0.20215630	0.05555550	0.1466007		0.15321750.20215630.05555555
654		0	0	0	0	0		0
						0.9447439		
Avg	1071	Diff.5	0.07405510	0.02751680	0.008627			
Median	1025	Average	0.42594480	0.47248310	0.5086279	0.5		
		Median	0.4448441					
SDev	237.32589	<50%	0.7368421	0.4210526				



[1] RankECDF achieves .5 mean with the way it handles ties. S Transform doesn't handle ties at all. Need to somehow take into account the # of occurrence of said value. Similar to change in y * change in x , if x is 2 occurrences (i.e. 2 occurrences of a single value)