Age Associated Gene Set Similarities

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METABRIC vs TCGA Comparisons

METABRIC vs. TCGA_BrCa

Table 1: FET Table All Cases METABRIC vs. TCGA_BrCa, FDR = 0.05, FC = 1.25

METABRIC	TCGA_BrCa Age Associated	Not Age Associated	Total
Age Associated			
N	2025	1676	3701
Column(%)	50.16%	11.24%	
Not Age Associated			
N	2012	13237	15249
Column(%)	49.84%	88.76%	
Total	4037	14913	18950
	21.3%	78.7%	

Table 2: FET Statistics All Cases METABRIC vs. TCGA_BrCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	0
conf.int	[7.333, 8.616]
estimate	7.948
null.value	1
alternative	two.sided

Table 3: FET Table All Cases METABRIC vs. TCGA_BrCa, FDR = 0.01, FC = 1.25

METABRIC	TCGA_BrCa Age Associated	Not Age Associated	Total
Age Associated			
N	1679	1983	3662
Column(%)	52.73%	12.58%	
Not Age Associated			
N	1505	13783	15288
Column(%)	47.27%	87.42%	
Total	3184	15766	18950
	16.8%	83.2%	

Table 4: FET Statistics All Cases METABRIC vs. TCGA_BrCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	0
conf.int	[7.123, 8.44]
estimate	7.753
null.value	1
alternative	two.sided

Table 5: FET Table All Cases METABRIC vs. TCGA_BrCa, FDR = 0.01, FC = 2

METABRIC	TCGA_BrCa Age Associated	Not Age Associated	Total
Age Associated			
N	157	186	343
Column(%)	39.35%	1.00%	
Not Age Associated			
N	242	18365	18607
Column(%)	60.65%	99.00%	
Total	399	18551	18950
	2.11%	97.89%	

Table 6: FET Statistics All Cases METABRIC vs. TCGA_BrCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	6.86e-179
conf.int	[49.64, 82.73]
estimate	63.86
null.value	1
alternative	two.sided

Table 7: FET Table All Cases METABRIC vs. TCGA_BrCa, FDR = 0.01, FC = 4

METABRIC	TCGA_BrCa Age Associated	Not Age Associated	Total
Age Associated			
N	11	20	31
Column(%)	37.93%	0.11%	
Not Age Associated			
N	18	18901	18919
Column(%)	62.07%	99.89%	
Total	29	18921	18950
	0.15%	99.85%	

Table 8: FET Statistics All Cases METABRIC vs. TCGA_BrCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1.018e-24
conf.int	[215.8, 1600]
estimate	566.7
null.value	1
alternative	two.sided

METABRIC vs. TCGA_KidneyCa

Table 9: FET Table All Cases METABRIC vs. TCGA_KidneyCa, FDR = 0.05, FC = 1.25

METABRIC	TCGA_KidneyCa Age Associated	Not Age Associated	Total
Age Associated			
N	45	3656	3701
Column(%)	25.42%	19.47%	
Not Age Associated			
N	132	15117	15249
Column(%)	74.58%	80.53%	
Total	177	18773	18950
	0.93%	99.07%	

Table 10: FET Statistics All Cases METABRIC vs. TCGA_KidneyCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	0.05612
conf.int	[0.9798, 1.995]
estimate	1.41
null.value	1
alternative	two.sided

Table 11: FET Table All Cases METABRIC vs. TCGA_KidneyCa, FDR = 0.01, FC = 1.25

METABRIC	TCGA_KidneyCa Age Associated	Not Age Associated	Total
Age Associated			
N	9	3653	3662
Column(%)	39.13%	19.30%	
Not Age Associated			
N	14	15274	15288
Column(%)	60.87%	80.70%	
Total	23	18927	18950
	0.12%	99.88%	

Table 12: FET Statistics All Cases METABRIC vs. TCGA_KidneyCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	0.02923
conf.int	[1.025, 6.673]
estimate	2.688
null.value	1
alternative	two.sided

Table 13: FET Table All Cases METABRIC vs. TCGA_KidneyCa, FDR = 0.01, FC = 2

METABRIC	TCGA_KidneyCa Age Associated	Not Age Associated	Total
Age Associated			
N	1	342	343
Column(%)	11.11%	1.81%	
Not Age Associated			
N	8	18599	18607
Column(%)	88.89%	98.19%	
Total	9	18941	18950
	0.05%	99.95%	

Table 14: FET Statistics All Cases METABRIC vs. TCGA_KidneyCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	0.1516
conf.int	[0.1528, 50.99]
estimate	6.796
null.value	1
alternative	two.sided

Table 15: FET Table All Cases METABRIC vs. TCGA_KidneyCa,
FDR = 0.01, FC = 4

METABRIC	TCGA_KidneyCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	31	31
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18919	18919
Total			
Not Age Associated			
Total	0	18950	18950

Table 16: FET Statistics All Cases METABRIC
vs. TCGA_KidneyCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

METABRIC vs. TCGA_LungCa

Table 17: FET Table All Cases METABRIC vs. TCGA_LungCa,
FDR = 0.05, FC = 1.25

METABRIC	TCGA_LungCa Age Associated	Not Age Associated	Total
Age Associated			
N	631	3070	3701
Column(%)	27.34%	18.45%	
Not Age Associated			
N	1677	13572	15249
Column(%)	72.66%	81.55%	
Total	2308	16642	18950
	12.18%	87.82%	

Table 18: FET Statistics All Cases METABRIC
vs. TCGA_LungCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	2.128e-22
conf.int	[1.503, 1.839]
estimate	1.663
null.value	1
alternative	two.sided

Table 19: FET Table All Cases METABRIC vs. TCGA_LungCa,
FDR = 0.01, FC = 1.25

METABRIC	TCGA_LungCa Age Associated	Not Age Associated	Total
Age Associated			
N	238	3424	3662
Column(%)	27.01%	18.95%	
Not Age Associated			
N	643	14645	15288
Column(%)	72.99%	81.05%	
Total	881	18069	18950
	4.65%	95.35%	

Table 20: FET Statistics All Cases METABRIC
vs. TCGA_LungCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	1.509e-08
conf.int	[1.352, 1.849]
estimate	1.583
null.value	1
alternative	two.sided

Table 21: FET Table All Cases METABRIC vs. TCGA_LungCa, FDR = 0.01, FC = 2

METABRIC	TCGA_LungCa Age Associated	Not Age Associated	Total
Age Associated			
N	12	331	343
Column(%)	5.41%	1.77%	
Not Age Associated			
N	210	18397	18607
Column(%)	94.59%	98.23%	
Total	222	18728	18950
	1.17%	98.83%	

Table 22: FET Statistics All Cases METABRIC vs. TCGA_LungCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	0.0007597
conf.int	[1.599, 5.74]
estimate	3.176
null.value	1
alternative	two.sided

Table 23: FET Table All Cases METABRIC vs. TCGA_LungCa, FDR = 0.01, FC = 4

METABRIC	TCGA_LungCa Age Associated	Not Age Associated	Total
Age Associated			
N	1	30	31
Column(%)	9.09%	0.16%	
Not Age Associated			
N	10	18909	18919
Column(%)	90.91%	99.84%	
Total	11	18939	18950
	0.06%	99.94%	

Table 24: FET Statistics All Cases METABRIC vs. TCGA_LungCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	0.01785
conf.int	[1.406, 465.9]
estimate	62.85
null.value	1
alternative	two.sided

METABRIC vs. TCGA_ProstateCa

Table 25: FET Table All Cases METABRIC vs. TCGA_ProstateCa,
FDR = 0.05, FC = 1.25

METABRIC	TCGA_ProstateCa Age Associated	Not Age Associated	Total
Age Associated			
N	138	3563	3701
Column(%)	29.05%	19.29%	
Not Age Associated			
N	337	14912	15249
Column(%)	70.95%	80.71%	
Total	475	18475	18950
	2.51%	97.49%	

Table 26: FET Statistics All Cases METABRIC
vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	4.078e-07
conf.int	[1.391, 2.103]
estimate	1.714
null.value	1
alternative	two.sided

Table 27: FET Table All Cases METABRIC vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25

METABRIC	TCGA_ProstateCa Age Associated	Not Age Associated	Total
Age Associated			
N	7	3655	3662
Column(%)	24.14%	19.32%	
Not Age Associated			
N	22	15266	15288
Column(%)	75.86%	80.68%	
Total	29	18921	18950
	0.15%	99.85%	

Table 28: FET Statistics All Cases METABRIC vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	0.4832
conf.int	[0.4791, 3.224]
estimate	1.329
null.value	1
alternative	two.sided

Table 29: FET Table All Cases METABRIC vs. TCGA_ProstateCa, FDR = 0.01, FC = 2

METABRIC	TCGA_ProstateCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	343	343
Column(%)	0.00%	1.81%	
Not Age Associated			
N	8	18599	18607
Column(%)	100.00%	98.19%	
Total	8	18942	18950
	0.04%	99.96%	

Table 30: FET Statistics All Cases METABRIC vs. TCGA_ProstateCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, 31.89]
estimate	0
null.value	1
alternative	two.sided

Table 31: FET Table All Cases METABRIC vs. TCGA_ProstateCa, FDR = 0.01, FC = 4

METABRIC	TCGA_ProstateCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	31	31
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18919	18919
Total			
Not Age Associated			
Total	0	18950	18950

Table 32: FET Statistics All Cases METABRIC vs. TCGA_ProstateCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

METABRIC vs. TCGA_ThyroidCa

Table 33: FET Table All Cases METABRIC vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

METABRIC	TCGA_ThyroidCa Age Associated	Not Age Associated	Total
Age Associated			
N	291	3410	3701
Column(%)	31.29%	18.92%	
Not Age Associated			
N	639	14610	15249
Column(%)	68.71%	81.08%	
Total	930	18020	18950
	4.91%	95.09%	

Table 34: FET Statistics All Cases METABRIC vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	2.414e-18
conf.int	[1.684, 2.256]
estimate	1.951
null.value	1
alternative	two.sided

Table 35: FET Table All Cases METABRIC vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

| | TCGA_ThyroidCa | | |
METABRIC	Age Associated	Not Age Associated	Total
Age Associated			
N	115	3547	3662
Column(%)	29.64%	19.11%	
Not Age Associated			
N	273	15015	15288
Column(%)	70.36%	80.89%	
Total	388	18562	18950
	2.05%	97.95%	

Table 36: FET Statistics All Cases METABRIC vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	9.158e-07
conf.int	[1.417, 2.233]
estimate	1.783
null.value	1
alternative	two.sided

Table 37: FET Table All Cases METABRIC vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

METABRIC	TCGA_ThyroidCa Age Associated	Not Age Associated	Total
Age Associated			
N	5	338	343
Column(%)	8.20%	1.79%	
Not Age Associated			
N	56	18551	18607
Column(%)	91.80%	98.21%	
Total	61	18889	18950
	0.32%	99.68%	

Table 38: FET Statistics All Cases METABRIC vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	0.004901
conf.int	[1.522, 12.24]
estimate	4.899
null.value	1
alternative	two.sided

Table 39: FET Table All Cases METABRIC vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

| | TCGA_ThyroidCa | | |
METABRIC	Age Associated	Not Age Associated	Total
Age Associated			
N	0	31	31
Column(%)	0.00%	0.16%	
Not Age Associated			
N	2	18917	18919
Column(%)	100.00%	99.84%	
Total	2	18948	18950
	0.01%	99.99%	

Table 40: FET Statistics All Cases METABRIC vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, 3450]
estimate	0
null.value	1
alternative	two.sided

TCGA Pairwise Comparisons

TCGA_BrCa vs. TCGA_KidneyCa

Table 41: FET Table All Cases TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.05, FC = 1.25

TCGA_BrCa	TCGA_KidneyCa Age Associated	Not Age Associated	Total
Age Associated			
N	57	3980	4037
Column(%)	32.2%	21.2%	
Not Age Associated			
N	120	14793	14913
Column(%)	67.8%	78.8%	
Total	177	18773	18950
	0.93%	99.07%	

Table 42: FET Statistics All Cases TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	0.0008225
conf.int	[1.262, 2.445]
estimate	1.765
null.value	1
alternative	two.sided

Table 43: FET Table All Cases TCGA_BrCa vs. TCGA_KidneyCa,
FDR = 0.01, FC = 1.25

| | TCGA_KidneyCa | | |
TCGA_BrCa	Age Associated	Not Age Associated	Total
Age Associated			
N	10	3174	3184
Column(%)	43.48%	16.77%	
Not Age Associated			
N	13	15753	15766
Column(%)	56.52%	83.23%	
Total	23	18927	18950
	0.12%	99.88%	

Table 44: FET Statistics All Cases TCGA_BrCa
vs. TCGA_KidneyCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	0.002418
conf.int	[1.497, 9.432]
estimate	3.817
null.value	1
alternative	two.sided

Table 45: FET Table All Cases TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.01, FC = 2

| | TCGA_KidneyCa | | |
TCGA_BrCa	Age Associated	Not Age Associated	Total
Age Associated			
N	1	398	399
Column(%)	11.11%	2.10%	
Not Age Associated			
N	8	18543	18551
Column(%)	88.89%	97.90%	
Total	9	18941	18950
	0.05%	99.95%	

Table 46: FET Statistics All Cases TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	0.1743
conf.int	[0.1309, 43.57]
estimate	5.822
null.value	1
alternative	two.sided

Table 47: FET Table All Cases TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.01, FC = 4

| | TCGA_KidneyCa | | |
TCGA_BrCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	29	29
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18921	18921
Total			
Not Age Associated			
Total	0	18950	18950

Table 48: FET Statistics All Cases TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

TCGA_BrCa vs. TCGA_LungCa

Table 49: FET Table All Cases TCGA_BrCa vs. TCGA_LungCa, FDR = 0.05, FC = 1.25

| | TCGA_LungCa | | |
TCGA_BrCa	Age Associated	Not Age Associated	Total
Age Associated			
N	709	3328	4037
Column(%)	30.72%	20.00%	
Not Age Associated			
N	1599	13314	14913
Column(%)	69.28%	80.00%	
Total	2308	16642	18950
	12.18%	87.82%	

Table 50: FET Statistics All Cases TCGA_BrCa vs. TCGA_LungCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	7.696e-30
conf.int	[1.609, 1.955]
estimate	1.774
null.value	1
alternative	two.sided

Table 51: FET Table All Cases TCGA_BrCa vs. TCGA_LungCa,
FDR = 0.01, FC = 1.25

TCGA_BrCa	TCGA_LungCa Age Associated	Not Age Associated	Total
Age Associated			
N	215	2969	3184
Column(%)	24.40%	16.43%	
Not Age Associated			
N	666	15100	15766
Column(%)	75.60%	83.57%	
Total	881	18069	18950
	4.65%	95.35%	

Table 52: FET Statistics All Cases TCGA_BrCa
vs. TCGA_LungCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	3.885e-09
conf.int	[1.394, 1.928]
estimate	1.642
null.value	1
alternative	two.sided

Table 53: FET Table All Cases TCGA_BrCa vs. TCGA_LungCa, FDR = 0.01, FC = 2

TCGA_BrCa	TCGA_LungCa Age Associated	Not Age Associated	Total
Age Associated			
N	14	385	399
Column(%)	6.31%	2.06%	
Not Age Associated			
N	208	18343	18551
Column(%)	93.69%	97.94%	
Total	222	18728	18950
	1.17%	98.83%	

Table 54: FET Statistics All Cases TCGA_BrCa vs. TCGA_LungCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	0.0002721
conf.int	[1.707, 5.569]
estimate	3.206
null.value	1
alternative	two.sided

Table 55: FET Table All Cases TCGA_BrCa vs. TCGA_LungCa, FDR = 0.01, FC = 4

TCGA_BrCa	TCGA_LungCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	29	29
Column(%)	0.00%	0.15%	
Not Age Associated			
N	11	18910	18921
Column(%)	100.00%	99.85%	
Total	11	18939	18950
	0.06%	99.94%	

Table 56: FET Statistics All Cases TCGA_BrCa vs. TCGA_LungCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, 272.3]
estimate	0
null.value	1
alternative	two.sided

TCGA_BrCa vs. TCGA_ProstateCa

Table 57: FET Table All Cases TCGA_BrCa vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25

| | TCGA_ProstateCa | | |
TCGA_BrCa	Age Associated	Not Age Associated	Total
Age Associated			
N	163	3874	4037
Column(%)	34.32%	20.97%	
Not Age Associated			
N	312	14601	14913
Column(%)	65.68%	79.03%	
Total	475	18475	18950
	2.51%	97.49%	

Table 58: FET Statistics All Cases TCGA_BrCa vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	3.098e-11
conf.int	[1.614, 2.395]
estimate	1.969
null.value	1
alternative	two.sided

Table 59: FET Table All Cases TCGA_BrCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25

| | TCGA_ProstateCa | | |
TCGA_BrCa	Age Associated	Not Age Associated	Total
Age Associated			
N	5	3179	3184
Column(%)	17.24%	16.80%	
Not Age Associated			
N	24	15742	15766
Column(%)	82.76%	83.20%	
Total	29	18921	18950
	0.15%	99.85%	

Table 60: FET Statistics All Cases TCGA_BrCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0.3072, 2.761]
estimate	1.032
null.value	1
alternative	two.sided

Table 61: FET Table All Cases TCGA_BrCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 2

TCGA_BrCa	TCGA_ProstateCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	399	399
Column(%)	0.00%	2.11%	
Not Age Associated			
N	8	18543	18551
Column(%)	100.00%	97.89%	
Total	8	18942	18950
	0.04%	99.96%	

Table 62: FET Statistics All Cases TCGA_BrCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, 27.32]
estimate	0
null.value	1
alternative	two.sided

Table 63: FET Table All Cases TCGA_BrCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 4

TCGA_BrCa	TCGA_ProstateCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	29	29
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18921	18921
Total			
Not Age Associated			
Total	0	18950	18950

Table 64: FET Statistics All Cases TCGA_BrCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

TCGA_BrCa vs. TCGA_ThyroidCa

Table 65: FET Table All Cases TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

TCGA_BrCa	TCGA_ThyroidCa Age Associated	Not Age Associated	Total
Age Associated			
N	369	3668	4037
Column(%)	39.68%	20.36%	
Not Age Associated			
N	561	14352	14913
Column(%)	60.32%	79.64%	
Total	930	18020	18950
	4.91%	95.09%	

Table 66: FET Statistics All Cases TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	7.154e-39
conf.int	[2.239, 2.955]
estimate	2.573
null.value	1
alternative	two.sided

Table 67: FET Table All Cases TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

TCGA_BrCa	TCGA_ThyroidCa Age Associated	Not Age Associated	Total
Age Associated			
N	115	3069	3184
Column(%)	29.64%	16.53%	
Not Age Associated			
N	273	15493	15766
Column(%)	70.36%	83.47%	
Total	388	18562	18950
	2.05%	97.95%	

Table 68: FET Statistics All Cases TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	2.47e-10
conf.int	[1.689, 2.663]
estimate	2.126
null.value	1
alternative	two.sided

Table 69: FET Table All Cases TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

| | TCGA_ThyroidCa | | |
TCGA_BrCa	Age Associated	Not Age Associated	Total
Age Associated			
N	5	394	399
Column(%)	8.20%	2.09%	
Not Age Associated			
N	56	18495	18551
Column(%)	91.80%	97.91%	
Total	61	18889	18950
	0.32%	99.68%	

Table 70: FET Statistics All Cases TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	0.009146
conf.int	[1.303, 10.46]
estimate	4.191
null.value	1
alternative	two.sided

Table 71: FET Table All Cases TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

TCGA_BrCa	TCGA_ThyroidCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	29	29
Column(%)	0.00%	0.15%	
Not Age Associated			
N	2	18919	18921
Column(%)	100.00%	99.85%	
Total	2	18948	18950
	0.01%	99.99%	

Table 72: FET Statistics All Cases TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, 3718]
estimate	0
null.value	1
alternative	two.sided

TCGA_KidneyCa vs. TCGA_LungCa

Table 73: FET Table All Cases TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.05, FC = 1.25

| | TCGA_LungCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	13	164	177
Column(%)	0.56%	0.99%	
Not Age Associated			
N	2295	16478	18773
Column(%)	99.44%	99.01%	
Total	2308	16642	18950
	12.18%	87.82%	

Table 74: FET Statistics All Cases TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	0.04911
conf.int	[0.2962, 1.003]
estimate	0.5692
null.value	1
alternative	two.sided

Table 75: FET Table All Cases TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 1.25

| | TCGA_LungCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	23	23
Column(%)	0.00%	0.13%	
Not Age Associated			
N	881	18046	18927
Column(%)	100.00%	99.87%	
Total	881	18069	18950
	4.65%	95.35%	

Table 76: FET Statistics All Cases TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	0.6246
conf.int	[0, 3.571]
estimate	0
null.value	1
alternative	two.sided

Table 77: FET Table All Cases TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 2

TCGA_KidneyCa	TCGA_LungCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	9	9
Column(%)	0.00%	0.05%	
Not Age Associated			
N	222	18719	18941
Column(%)	100.00%	99.95%	
Total	222	18728	18950
	1.17%	98.83%	

Table 78: FET Statistics All Cases TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, 42.98]
estimate	0
null.value	1
alternative	two.sided

Table 79: FET Table All Cases TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 4

| | TCGA_LungCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	0	0
Column(%)	0%	0%	
Not Age Associated			
N	11	18939	18950
Column(%)	100%	100%	
Total	11	18939	18950
	0.06%	99.94%	

Table 80: FET Statistics All Cases TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

TCGA_KidneyCa vs. TCGA_ProstateCa

Table 81: FET Table All Cases TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25

| | TCGA_ProstateCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	3	174	177
Column(%)	0.63%	0.94%	
Not Age Associated			
N	472	18301	18773
Column(%)	99.37%	99.06%	
Total	475	18475	18950
	2.51%	97.49%	

Table 82: FET Statistics All Cases TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	0.8061
conf.int	[0.136, 1.999]
estimate	0.6685
null.value	1
alternative	two.sided

Table 83: FET Table All Cases TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25

| | TCGA_ProstateCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	23	23
Column(%)	0.00%	0.12%	
Not Age Associated			
N	29	18898	18927
Column(%)	100.00%	99.88%	
Total	29	18921	18950
	0.15%	99.85%	

Table 84: FET Statistics All Cases TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, 119.9]
estimate	0
null.value	1
alternative	two.sided

Table 85: FET Table All Cases TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 2

| | TCGA_ProstateCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	9	9
Column(%)	0.00%	0.05%	
Not Age Associated			
N	8	18933	18941
Column(%)	100.00%	99.95%	
Total	8	18942	18950
	0.04%	99.96%	

Table 86: FET Statistics All Cases TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, 1373]
estimate	0
null.value	1
alternative	two.sided

Table 87: FET Table All Cases TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 4

| | TCGA_ProstateCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	0	0
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18950	18950
Total			
Not Age Associated			
Total	0	18950	18950

Table 88: FET Statistics All Cases TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

TCGA_KidneyCa vs. TCGA_ThyroidCa

Table 89: FET Table All Cases TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

| | TCGA_ThyroidCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	23	154	177
Column(%)	2.47%	0.85%	
Not Age Associated			
N	907	17866	18773
Column(%)	97.53%	99.15%	
Total	930	18020	18950
	4.91%	95.09%	

Table 90: FET Statistics All Cases TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	1.939e-05
conf.int	[1.801, 4.605]
estimate	2.942
null.value	1
alternative	two.sided

Table 91: FET Table All Cases TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

| | TCGA_ThyroidCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	5	18	23
Column(%)	1.29%	0.10%	
Not Age Associated			
N	383	18544	18927
Column(%)	98.71%	99.90%	
Total	388	18562	18950
	2.05%	97.95%	

Table 92: FET Statistics All Cases TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	8.705e-05
conf.int	[3.881, 37.82]
estimate	13.44
null.value	1
alternative	two.sided

Table 93: FET Table All Cases TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

| | TCGA_ThyroidCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	2	7	9
Column(%)	3.28%	0.04%	
Not Age Associated			
N	59	18882	18941
Column(%)	96.72%	99.96%	
Total	61	18889	18950
	0.32%	99.68%	

Table 94: FET Statistics All Cases TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	0.0003616
conf.int	[9.055, 496.6]
estimate	91.07
null.value	1
alternative	two.sided

Table 95: FET Table All Cases TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

| | TCGA_ThyroidCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	0	0
Column(%)	0%	0%	
Not Age Associated			
N	2	18948	18950
Column(%)	100%	100%	
Total	2	18948	18950
	0.01%	99.99%	

Table 96: FET Statistics All Cases TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

TCGA_LungCa vs. TCGA_ProstateCa

Table 97: FET Table All Cases TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25

| | TCGA_ProstateCa | | |
TCGA_LungCa	Age Associated	Not Age Associated	Total
Age Associated			
N	111	2197	2308
Column(%)	23.37%	11.89%	
Not Age Associated			
N	364	16278	16642
Column(%)	76.63%	88.11%	
Total	475	18475	18950
	2.51%	97.49%	

Table 98: FET Statistics All Cases TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	6.695e-12
conf.int	[1.801, 2.816]
estimate	2.259
null.value	1
alternative	two.sided

Table 99: FET Table All Cases TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25

| | TCGA_ProstateCa | | |
TCGA_LungCa	Age Associated	Not Age Associated	Total
Age Associated			
N	2	879	881
Column(%)	6.90%	4.65%	
Not Age Associated			
N	27	18042	18069
Column(%)	93.10%	95.35%	
Total	29	18921	18950
	0.15%	99.85%	

Table 100: FET Statistics All Cases TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	0.3931
conf.int	[0.1749, 6.067]
estimate	1.52
null.value	1
alternative	two.sided

Table 101: FET Table All Cases TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 2

| TCGA_LungCa | TCGA_ProstateCa | | |
	Age Associated	Not Age Associated	Total
Age Associated			
N	0	222	222
Column(%)	0.00%	1.17%	
Not Age Associated			
N	8	18720	18728
Column(%)	100.00%	98.83%	
Total	8	18942	18950
	0.04%	99.96%	

Table 102: FET Statistics All Cases TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, 49.7]
estimate	0
null.value	1
alternative	two.sided

Table 103: FET Table All Cases TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 4

TCGA_LungCa	TCGA_ProstateCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	11	11
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18939	18939
Total			
Not Age Associated			
Total	0	18950	18950

Table 104: FET Statistics All Cases TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

TCGA_LungCa vs. TCGA_ThyroidCa

Table 105: FET Table All Cases TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

| | TCGA_ThyroidCa | | |
TCGA_LungCa	Age Associated	Not Age Associated	Total
Age Associated			
N	169	2139	2308
Column(%)	18.17%	11.87%	
Not Age Associated			
N	761	15881	16642
Column(%)	81.83%	88.13%	
Total	930	18020	18950
	4.91%	95.09%	

Table 106: FET Statistics All Cases TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	5.788e-08
conf.int	[1.379, 1.963]
estimate	1.649
null.value	1
alternative	two.sided

Table 107: FET Table All Cases TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

TCGA_LungCa	TCGA_ThyroidCa Age Associated	Not Age Associated	Total
Age Associated			
N	18	863	881
Column(%)	4.64%	4.65%	
Not Age Associated			
N	370	17699	18069
Column(%)	95.36%	95.35%	
Total	388	18562	18950
	2.05%	97.95%	

Table 108: FET Statistics All Cases TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0.5819, 1.609]
estimate	0.9977
null.value	1
alternative	two.sided

Table 109: FET Table All Cases TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

| | TCGA_ThyroidCa | | |
TCGA_LungCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	222	222
Column(%)	0.00%	1.18%	
Not Age Associated			
N	61	18667	18728
Column(%)	100.00%	98.82%	
Total	61	18889	18950
	0.32%	99.68%	

Table 110: FET Statistics All Cases TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, 5.285]
estimate	0
null.value	1
alternative	two.sided

Table 111: FET Table All Cases TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

| | TCGA_ThyroidCa | | |
TCGA_LungCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	11	11
Column(%)	0.00%	0.06%	
Not Age Associated			
N	2	18937	18939
Column(%)	100.00%	99.94%	
Total	2	18948	18950
	0.01%	99.99%	

Table 112: FET Statistics All Cases TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, 8192]
estimate	0
null.value	1
alternative	two.sided

TCGA_ProstateCa vs. TCGA_ThyroidCa

Table 113: FET Table All Cases TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

| | TCGA_ThyroidCa | | |
TCGA_ProstateCa	Age Associated	Not Age Associated	Total
Age Associated			
N	31	444	475
Column(%)	3.33%	2.46%	
Not Age Associated			
N	899	17576	18475
Column(%)	96.67%	97.54%	
Total	930	18020	18950
	4.91%	95.09%	

Table 114: FET Statistics All Cases TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	0.1056
conf.int	[0.9107, 1.98]
estimate	1.365
null.value	1
alternative	two.sided

Table 115: FET Table All Cases TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

| | TCGA_ThyroidCa | | |
TCGA_ProstateCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	29	29
Column(%)	0.00%	0.16%	
Not Age Associated			
N	388	18533	18921
Column(%)	100.00%	99.84%	
Total	388	18562	18950
	2.05%	97.95%	

Table 116: FET Statistics All Cases TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, 6.508]
estimate	0
null.value	1
alternative	two.sided

Table 117: FET Table All Cases TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

| | TCGA_ThyroidCa | | |
TCGA_ProstateCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	8	8
Column(%)	0.00%	0.04%	
Not Age Associated			
N	61	18881	18942
Column(%)	100.00%	99.96%	
Total	61	18889	18950
	0.32%	99.68%	

Table 118: FET Statistics All Cases TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, 185.2]
estimate	0
null.value	1
alternative	two.sided

Table 119: FET Table All Cases TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

| | TCGA_ThyroidCa | | |
TCGA_ProstateCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	0	0
Column(%)	0%	0%	
Not Age Associated			
N	2	18948	18950
Column(%)	100%	100%	
Total	2	18948	18950
	0.01%	99.99%	

Table 120: FET Statistics All Cases TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Within Gender Comparisons

Females

TCGA_BrCa vs. TCGA_KidneyCa

Table 121: FET Table Females TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.05, FC = 1.25

| | TCGA_KidneyCa | | |
TCGA_BrCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	4037	4037
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	14913	14913
Total			
Not Age Associated			
Total	0	18950	18950

Table 122: FET Statistics Females TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 123: FET Table Females TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.01, FC = 1.25

TCGA_BrCa	TCGA_KidneyCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	3184	3184
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	15766	15766
Total			
Not Age Associated			
Total	0	18950	18950

Table 124: FET Statistics Females TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 125: FET Table Females TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.01, FC = 2

TCGA_BrCa	TCGA_KidneyCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	399	399
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18551	18551
Total			
Not Age Associated			
Total	0	18950	18950

Table 126: FET Statistics Females TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 127: FET Table Females TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.01, FC = 4

TCGA_BrCa	TCGA_KidneyCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	29	29
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18921	18921
Total			
Not Age Associated			
Total	0	18950	18950

Table 128: FET Statistics Females TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

TCGA_BrCa vs. TCGA_LungCa

Table 129: FET Table Females TCGA_BrCa vs. TCGA_LungCa, FDR = 0.05, FC = 1.25

	TCGA_LungCa Age Associated	Not Age Associated	Total
TCGA_BrCa			
Age Associated			
N	166	3871	4037
Column(%)	31.14%	21.02%	
Not Age Associated			
N	367	14546	14913
Column(%)	68.86%	78.98%	
Total	533	18417	18950
	2.81%	97.19%	

Table 130: FET Statistics Females TCGA_BrCa vs. TCGA_LungCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	6.939e-08
conf.int	[1.401, 2.054]
estimate	1.7
null.value	1
alternative	two.sided

Table 131: FET Table Females TCGA_BrCa vs. TCGA_LungCa, FDR = 0.01, FC = 1.25

| | TCGA_LungCa | | |
TCGA_BrCa	Age Associated	Not Age Associated	Total
Age Associated			
N	3	3181	3184
Column(%)	27.27%	16.80%	
Not Age Associated			
N	8	15758	15766
Column(%)	72.73%	83.20%	
Total	11	18939	18950
	0.06%	99.94%	

Table 132: FET Statistics Females TCGA_BrCa vs. TCGA_LungCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	0.4097
conf.int	[0.3172, 7.745]
estimate	1.858
null.value	1
alternative	two.sided

Table 133: FET Table Females TCGA_BrCa vs. TCGA_LungCa, FDR = 0.01, FC = 2

TCGA_BrCa	TCGA_LungCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	399	399
Column(%)	0.00%	2.11%	
Not Age Associated			
N	9	18542	18551
Column(%)	100.00%	97.89%	
Total	9	18941	18950
	0.05%	99.95%	

Table 134: FET Statistics Females TCGA_BrCa vs. TCGA_LungCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, 23.62]
estimate	0
null.value	1
alternative	two.sided

Table 135: FET Table Females TCGA_BrCa vs. TCGA_LungCa, FDR = 0.01, FC = 4

TCGA_BrCa	TCGA_LungCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	29	29
Column(%)	0.00%	0.15%	
Not Age Associated			
N	3	18918	18921
Column(%)	100.00%	99.85%	
Total	3	18947	18950
	0.02%	99.98%	

Table 136: FET Statistics Females TCGA_BrCa vs. TCGA_LungCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, 1644]
estimate	0
null.value	1
alternative	two.sided

TCGA_BrCa vs. TCGA_ThyroidCa

Table 137: FET Table Females TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

| | TCGA_ThyroidCa | | |
TCGA_BrCa	Age Associated	Not Age Associated	Total
Age Associated			
N	219	3818	4037
Column(%)	35.61%	20.82%	
Not Age Associated			
N	396	14517	14913
Column(%)	64.39%	79.18%	
Total	615	18335	18950
	3.25%	96.75%	

Table 138: FET Statistics Females TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	1.418e-16
conf.int	[1.768, 2.496]
estimate	2.103
null.value	1
alternative	two.sided

Table 139: FET Table Females TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

TCGA_BrCa	TCGA_ThyroidCa Age Associated	Not Age Associated	Total
Age Associated			
N	41	3143	3184
Column(%)	26.45%	16.72%	
Not Age Associated			
N	114	15652	15766
Column(%)	73.55%	83.28%	
Total	155	18795	18950
	0.82%	99.18%	

Table 140: FET Statistics Females TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	0.00234
conf.int	[1.219, 2.586]
estimate	1.791
null.value	1
alternative	two.sided

Table 141: FET Table Females TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

| | TCGA_ThyroidCa | | |
TCGA_BrCa	Age Associated	Not Age Associated	Total
Age Associated			
N	1	398	399
Column(%)	2.5%	2.1%	
Not Age Associated			
N	39	18512	18551
Column(%)	97.5%	97.9%	
Total	40	18910	18950
	0.21%	99.79%	

Table 142: FET Statistics Females TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	0.5735
conf.int	[0.02938, 7.086]
estimate	1.193
null.value	1
alternative	two.sided

Table 143: FET Table Females TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

TCGA_BrCa	TCGA_ThyroidCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	29	29
Column(%)	0.00%	0.15%	
Not Age Associated			
N	1	18920	18921
Column(%)	100.00%	99.85%	
Total	1	18949	18950
	0.01%	99.99%	

Table 144: FET Statistics Females TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, 16380]
estimate	0
null.value	1
alternative	two.sided

TCGA_KidneyCa vs. TCGA_LungCa

Table 145: FET Table Females TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.05, FC = 1.25

| | TCGA_LungCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	0	0
Column(%)	0%	0%	
Not Age Associated			
N	533	18417	18950
Column(%)	100%	100%	
Total	533	18417	18950
	2.81%	97.19%	

Table 146: FET Statistics Females TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 147: FET Table Females TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 1.25

TCGA_KidneyCa	TCGA_LungCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	0	0
Column(%)	0%	0%	
Not Age Associated			
N	11	18939	18950
Column(%)	100%	100%	
Total	11	18939	18950
	0.06%	99.94%	

Table 148: FET Statistics Females TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 149: FET Table Females TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 2

| | TCGA_LungCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	0	0
Column(%)	0%	0%	
Not Age Associated			
N	9	18941	18950
Column(%)	100%	100%	
Total	9	18941	18950
	0.05%	99.95%	

Table 150: FET Statistics Females TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 151: FET Table Females TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 4

TCGA_KidneyCa	TCGA_LungCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	0	0
Column(%)	0%	0%	
Not Age Associated			
N	3	18947	18950
Column(%)	100%	100%	
Total	3	18947	18950
	0.02%	99.98%	

Table 152: FET Statistics Females TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

TCGA_KidneyCa vs. TCGA_ThyroidCa

Table 153: FET Table Females TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

| | TCGA_ThyroidCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	0	0
Column(%)	0%	0%	
Not Age Associated			
N	615	18335	18950
Column(%)	100%	100%	
Total	615	18335	18950
	3.25%	96.75%	

Table 154: FET Statistics Females TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 155: FET Table Females TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

| | TCGA_ThyroidCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	0	0
Column(%)	0%	0%	
Not Age Associated			
N	155	18795	18950
Column(%)	100%	100%	
Total	155	18795	18950
	0.82%	99.18%	

Table 156: FET Statistics Females TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 157: FET Table Females TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

| | TCGA_ThyroidCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	0	0
Column(%)	0%	0%	
Not Age Associated			
N	40	18910	18950
Column(%)	100%	100%	
Total	40	18910	18950
	0.21%	99.79%	

Table 158: FET Statistics Females TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 159: FET Table Females TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

| | TCGA_ThyroidCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	0	0
Column(%)	0%	0%	
Not Age Associated			
N	1	18949	18950
Column(%)	100%	100%	
Total	1	18949	18950
	0.01%	99.99%	

Table 160: FET Statistics Females TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

TCGA_LungCa vs. TCGA_ThyroidCa

Table 161: FET Table Females TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

| | TCGA_ThyroidCa | | |
TCGA_LungCa	Age Associated	Not Age Associated	Total
Age Associated			
N	14	519	533
Column(%)	2.28%	2.83%	
Not Age Associated			
N	601	17816	18417
Column(%)	97.72%	97.17%	
Total	615	18335	18950
	3.25%	96.75%	

Table 162: FET Statistics Females TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	0.5338
conf.int	[0.4314, 1.365]
estimate	0.7996
null.value	1
alternative	two.sided

Table 163: FET Table Females TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

| | TCGA_ThyroidCa | | |
TCGA_LungCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	11	11
Column(%)	0.00%	0.06%	
Not Age Associated			
N	155	18784	18939
Column(%)	100.00%	99.94%	
Total	155	18795	18950
	0.82%	99.18%	

Table 164: FET Statistics Females TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, 48.75]
estimate	0
null.value	1
alternative	two.sided

Table 165: FET Table Females TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

| | TCGA_ThyroidCa | | |
TCGA_LungCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	9	9
Column(%)	0.00%	0.05%	
Not Age Associated			
N	40	18901	18941
Column(%)	100.00%	99.95%	
Total	40	18910	18950
	0.21%	99.79%	

Table 166: FET Statistics Females TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, 247.2]
estimate	0
null.value	1
alternative	two.sided

Table 167: FET Table Females TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

| | TCGA_ThyroidCa | | |
TCGA_LungCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	3	3
Column(%)	0.00%	0.02%	
Not Age Associated			
N	1	18946	18947
Column(%)	100.00%	99.98%	
Total	1	18949	18950
	0.01%	99.99%	

Table 168: FET Statistics Females TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, 4.504e+15]
estimate	0
null.value	1
alternative	two.sided

Males

TCGA_KidneyCa vs. TCGA_LungCa

Table 169: FET Table Males TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.05, FC = 1.25

| | TCGA_LungCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	45	45
Column(%)	0.00%	0.24%	
Not Age Associated			
N	315	18590	18905
Column(%)	100.00%	99.76%	
Total	315	18635	18950
	1.66%	98.34%	

Table 170: FET Statistics Males TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, 5.071]
estimate	0
null.value	1
alternative	two.sided

Table 171: FET Table Males TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 1.25

| | TCGA_LungCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	9	9
Column(%)	0.00%	0.05%	
Not Age Associated			
N	24	18917	18941
Column(%)	100.00%	99.95%	
Total	24	18926	18950
	0.13%	99.87%	

Table 172: FET Statistics Males TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, 421.8]
estimate	0
null.value	1
alternative	two.sided

Table 173: FET Table Males TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 2

| | TCGA_LungCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	5	5
Column(%)	0.00%	0.03%	
Not Age Associated			
N	17	18928	18945
Column(%)	100.00%	99.97%	
Total	17	18933	18950
	0.09%	99.91%	

Table 174: FET Statistics Males TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, 1337]
estimate	0
null.value	1
alternative	two.sided

Table 175: FET Table Males TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 4

TCGA_KidneyCa	TCGA_LungCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	1	1
Column(%)	0.00%	0.01%	
Not Age Associated			
N	2	18947	18949
Column(%)	100.00%	99.99%	
Total	2	18948	18950
	0.01%	99.99%	

Table 176: FET Statistics Males TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, 4.504e+15]
estimate	0
null.value	1
alternative	two.sided

TCGA_KidneyCa vs. TCGA_ProstateCa

Table 177:   FET   Table   Males   TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25

| | TCGA_ProstateCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	1	44	45
Column(%)	0.21%	0.24%	
Not Age Associated			
N	474	18431	18905
Column(%)	99.79%	99.76%	
Total	475	18475	18950
	2.51%	97.49%	

Table 178:   FET   Statistics   Males   TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0.02184, 5.211]
estimate	0.8837
null.value	1
alternative	two.sided

Table 179: FET Table Males TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25

| | TCGA_ProstateCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	9	9
Column(%)	0.00%	0.05%	
Not Age Associated			
N	29	18912	18941
Column(%)	100.00%	99.95%	
Total	29	18921	18950
	0.15%	99.85%	

Table 180: FET Statistics Males TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, 345.3]
estimate	0
null.value	1
alternative	two.sided

Table 181: FET Table Males TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 2

| | TCGA_ProstateCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	5	5
Column(%)	0.00%	0.03%	
Not Age Associated			
N	8	18937	18945
Column(%)	100.00%	99.97%	
Total	8	18942	18950
	0.04%	99.96%	

Table 182: FET Statistics Males TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, 3262]
estimate	0
null.value	1
alternative	two.sided

Table 183: FET Table Males TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 4

| | TCGA_ProstateCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	1	1
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18949	18949
Total			
Not Age Associated			
Total	0	18950	18950

Table 184: FET Statistics Males TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

TCGA_KidneyCa vs. TCGA_ThyroidCa

Table 185: FET Table Males TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

TCGA_KidneyCa	TCGA_ThyroidCa Age Associated	Not Age Associated	Total
Age Associated N Not Age Associated Age Associated	0	45	45
Not Age Associated N Total Not Age Associated	0	18905	18905
Total	0	18950	18950

Table 186: FET Statistics Males TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 187: FET Table Males TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

| | TCGA_ThyroidCa | | |
TCGA_KidneyCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	9	9
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18941	18941
Total			
Not Age Associated			
Total	0	18950	18950

Table 188: FET Statistics Males TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 189: FET Table Males TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

TCGA_KidneyCa	TCGA_ThyroidCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	5	5
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18945	18945
Total			
Not Age Associated			
Total	0	18950	18950

Table 190: FET Statistics Males TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 191: FET Table Males TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

TCGA_KidneyCa	TCGA_ThyroidCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	1	1
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18949	18949
Total			
Not Age Associated			
Total	0	18950	18950

Table 192: FET Statistics Males TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

TCGA_LungCa vs. TCGA_ProstateCa

Table 193: FET Table Males TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25

| | TCGA_ProstateCa | | |
TCGA_LungCa	Age Associated	Not Age Associated	Total
Age Associated			
N	9	306	315
Column(%)	1.89%	1.66%	
Not Age Associated			
N	466	18169	18635
Column(%)	98.11%	98.34%	
Total	475	18475	18950
	2.51%	97.49%	

Table 194: FET Statistics Males TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	0.5877
conf.int	[0.5161, 2.225]
estimate	1.147
null.value	1
alternative	two.sided

Table 195: FET Table Males TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25

TCGA_LungCa	TCGA_ProstateCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	24	24
Column(%)	0.00%	0.13%	
Not Age Associated			
N	29	18897	18926
Column(%)	100.00%	99.87%	
Total	29	18921	18950
	0.15%	99.85%	

Table 196: FET Statistics Males TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, 114.4]
estimate	0
null.value	1
alternative	two.sided

Table 197: FET Table Males TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 2

| | TCGA_ProstateCa | | |
TCGA_LungCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	17	17
Column(%)	0.00%	0.09%	
Not Age Associated			
N	8	18925	18933
Column(%)	100.00%	99.91%	
Total	8	18942	18950
	0.04%	99.96%	

Table 198: FET Statistics Males TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, 697.7]
estimate	0
null.value	1
alternative	two.sided

Table 199: FET Table Males TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 4

TCGA_LungCa	TCGA_ProstateCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	2	2
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18948	18948
Total			
Not Age Associated			
Total	0	18950	18950

Table 200: FET Statistics Males TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

TCGA_LungCa vs. TCGA_ThyroidCa

Table 201: FET Table Males TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

| | TCGA_ThyroidCa | | |
TCGA_LungCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	315	315
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18635	18635
Total			
Not Age Associated			
Total	0	18950	18950

Table 202: FET Statistics Males TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 203: FET Table Males TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

TCGA_LungCa	TCGA_ThyroidCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	24	24
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18926	18926
Total			
Not Age Associated			
Total	0	18950	18950

Table 204: FET Statistics Males TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 205: FET Table Males TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

TCGA_LungCa	TCGA_ThyroidCa Age Associated	Not Age Associated	Total
Age Associated			
N	0	17	17
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18933	18933
Total			
Not Age Associated			
Total	0	18950	18950

Table 206: FET Statistics Males TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 207: FET Table Males TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

| | TCGA_ThyroidCa | | |
TCGA_LungCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	2	2
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18948	18948
Total			
Not Age Associated			
Total	0	18950	18950

Table 208: FET Statistics Males TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

TCGA_ProstateCa vs. TCGA_ThyroidCa

Table 209: FET Table Males TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

TCGA_ProstateCa	TCGA_ThyroidCa Age Associated	Not Age Associated	Total
Age Associated N	0	475	475
Not Age Associated Age Associated			
Not Age Associated N	0	18475	18475
Total Not Age Associated			
Total	0	18950	18950

Table 210: FET Statistics Males TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 211: FET Table Males TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

| | TCGA_ThyroidCa | | |
TCGA_ProstateCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	29	29
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18921	18921
Total			
Not Age Associated			
Total	0	18950	18950

Table 212: FET Statistics Males TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 213: FET Table Males TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

| | TCGA_ThyroidCa | | |
TCGA_ProstateCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	8	8
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18942	18942
Total			
Not Age Associated			
Total	0	18950	18950

Table 214: FET Statistics Males TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Table 215: FET Table Males TCGA_ProstateCa
vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

| | TCGA_ThyroidCa | | |
TCGA_ProstateCa	Age Associated	Not Age Associated	Total
Age Associated			
N	0	0	0
Not Age Associated			
Age Associated			
Not Age Associated			
N	0	18950	18950
Total			
Not Age Associated			
Total	0	18950	18950

Table 216: FET Statistics Males TCGA_ProstateCa
vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4

Statistics	Value
p.value	1
conf.int	[0, Inf]
estimate	0
null.value	1
alternative	two.sided

Multiple Comparison Adjustments

All Cases

Table 217: All Cases Original and Adjusted p-values

	pvals_all	adj_pvals_all
METABRIC vs. TCGA_BrCa, FDR = 0.05, FC = 1.25	0	0
METABRIC vs. TCGA_BrCa, FDR = 0.01, FC = 1.25	0	0
METABRIC vs. TCGA_BrCa, FDR = 0.01, FC = 2	6.86e-179	1.372e-177
METABRIC vs. TCGA_BrCa, FDR = 0.01, FC = 4	1.018e-24	1.018e-23
METABRIC vs. TCGA_KidneyCa, FDR = 0.05, FC = 1.25	0.05612	0.1161
METABRIC vs. TCGA_KidneyCa, FDR = 0.01, FC = 1.25	0.02923	0.06496
METABRIC vs. TCGA_KidneyCa, FDR = 0.01, FC = 2	0.1516	0.2935
METABRIC vs. TCGA_KidneyCa, FDR = 0.01, FC = 4	1	1
METABRIC vs. TCGA_LungCa, FDR = 0.05, FC = 1.25	2.128e-22	1.824e-21
METABRIC vs. TCGA_LungCa, FDR = 0.01, FC = 1.25	1.509e-08	6.966e-08
METABRIC vs. TCGA_LungCa, FDR = 0.01, FC = 2	0.0007597	0.002171
METABRIC vs. TCGA_LungCa, FDR = 0.01, FC = 4	0.01785	0.0412
METABRIC vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25	4.078e-07	1.631e-06
METABRIC vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25	0.4832	0.8527
METABRIC vs. TCGA_ProstateCa, FDR = 0.01, FC = 2	1	1
METABRIC vs. TCGA_ProstateCa, FDR = 0.01, FC = 4	1	1
METABRIC vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25	2.414e-18	1.81e-17
METABRIC vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25	9.158e-07	3.434e-06
METABRIC vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2	0.004901	0.01225
METABRIC vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4	1	1
TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.05, FC = 1.25	0.0008225	0.002243
TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.01, FC = 1.25	0.002418	0.006309
TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.01, FC = 2	0.1743	0.3269
TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.01, FC = 4	1	1
TCGA_BrCa vs. TCGA_LungCa, FDR = 0.05, FC = 1.25	7.696e-30	9.235e-29
TCGA_BrCa vs. TCGA_LungCa, FDR = 0.01, FC = 1.25	3.885e-09	1.942e-08
TCGA_BrCa vs. TCGA_LungCa, FDR = 0.01, FC = 2	0.0002721	0.0008593
TCGA_BrCa vs. TCGA_LungCa, FDR = 0.01, FC = 4	1	1
TCGA_BrCa vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25	3.098e-11	1.859e-10
TCGA_BrCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25	1	1
TCGA_BrCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 2	1	1
TCGA_BrCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 4	1	1

	pvals_all	adj_pvals_all
TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25	7.154e-39	1.073e-37
TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25	2.47e-10	1.347e-09
TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2	0.009146	0.02195
TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4	1	1
TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.05, FC = 1.25	0.04911	0.1052
TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 1.25	0.6246	1
TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 2	1	1
TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 4	1	1
TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25	0.8061	1
TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25	1	1
TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 2	1	1
TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 4	1	1
TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25	1.939e-05	6.843e-05
TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25	8.705e-05	0.0002902
TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2	0.0003616	0.001085
TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4	1	1
TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25	6.695e-12	4.463e-11
TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25	0.3931	0.7148
TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 2	1	1
TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 4	1	1
TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25	5.788e-08	2.481e-07
TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25	1	1
TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2	1	1
TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4	1	1
TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25	0.1056	0.2113
TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25	1	1

	pvals_all	adj_pvals_all
TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2	1	1
TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4	1	1

The table contains 60 tests due to 15 pairwise comparisons of 6 datasets, on 4 biological significance levels.

Females

Table 218: Female Cases Original and Adjusted p-values

	pvals_F	adj_pvals_F
TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.05, FC = 1.25	1	1
TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.01, FC = 1.25	1	1
TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.01, FC = 2	1	1
TCGA_BrCa vs. TCGA_KidneyCa, FDR = 0.01, FC = 4	1	1
TCGA_BrCa vs. TCGA_LungCa, FDR = 0.05, FC = 1.25	6.939e-08	8.326e-07
TCGA_BrCa vs. TCGA_LungCa, FDR = 0.01, FC = 1.25	0.4097	1
TCGA_BrCa vs. TCGA_LungCa, FDR = 0.01, FC = 2	1	1
TCGA_BrCa vs. TCGA_LungCa, FDR = 0.01, FC = 4	1	1
TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25	1.418e-16	3.404e-15
TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25	0.00234	0.01872
TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2	0.5735	1
TCGA_BrCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4	1	1
TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.05, FC = 1.25	1	1
TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 1.25	1	1
TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 2	1	1
TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 4	1	1
TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25	1	1
TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25	1	1
TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2	1	1
TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4	1	1
TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25	0.5338	1
TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25	1	1
TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2	1	1

	pvals_F	adj_pvals_F
TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4	1	1

The table contains 24 tests due to 6 pairwise comparisons of 4 datasets, on 4 biological significance levels.

Males

Table 219: Male Cases Original and Adjusted p-values

	pvals_M	adj_pvals_M
TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.05, FC = 1.25	1	1
TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 1.25	1	1
TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 2	1	1
TCGA_KidneyCa vs. TCGA_LungCa, FDR = 0.01, FC = 4	1	1
TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25	1	1
TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25	1	1
TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 2	1	1
TCGA_KidneyCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 4	1	1
TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25	1	1
TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25	1	1
TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2	1	1
TCGA_KidneyCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4	1	1
TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.05, FC = 1.25	0.5877	1
TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 1.25	1	1
TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 2	1	1
TCGA_LungCa vs. TCGA_ProstateCa, FDR = 0.01, FC = 4	1	1
TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25	1	1
TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25	1	1
TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2	1	1
TCGA_LungCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4	1	1
TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.05, FC = 1.25	1	1

	pvals_M	adj_pvals_M
TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 1.25	1	1
TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 2	1	1
TCGA_ProstateCa vs. TCGA_ThyroidCa, FDR = 0.01, FC = 4	1	1

The table contains 24 tests due to 6 pairwise comparisons of 4 datasets, on 4 biological significance levels.