

Table S3. Summary of analysis evaluating the association between thermogram parameters and cancer location, the number of affected organs/tissues, and clinical stage with gender as a covariate.

Parameter	Cancer location		Number of affected organs/tissues		Clinical stage	
	Unadjusted p-value	FDR adjusted p-value	Unadjusted p-value	FDR adjusted p-value	Unadjusted p-value	FDR adjusted p-value
Models with a significant sex-status interaction						
T _{Peak 2}	0.936	0.971				
Peak 2/3			0.207	0.436		
V1.2/Peak 2			0.299	0.484		
V1.2/Peak 3			0.316	0.484		
PC1	0.166	0.686				
PC2			0.195	0.436		
Models with no significant sex-status interactions						
Area	0.173	0.686	0.482	0.693	0.413	0.980
Width	0.812	0.929	0.866	0.906	0.737	0.980
Max	0.083	0.686	0.084	0.436	0.316	0.980
Peak 1	0.179	0.686	0.097	0.436	0.686	0.980
Peak 2	0.848	0.929	0.308	0.484	0.937	0.980
Peak 3	0.676	0.913	0.559	0.727	0.515	0.980
T _{Peak 1}	0.646	0.913	0.601	0.727	0.544	0.980
T _{Peak 2}			1.000	1.000	1.000	1.000
V1.2	0.672	0.913	0.608	0.727	0.672	0.980
T _{V1.2}	0.136	0.686	0.140	0.436	0.252	0.980
T _{Max}	0.971	0.971	0.288	0.484	0.656	0.980
T _{FM}	0.491	0.913	0.102	0.436	0.831	0.980
Peak 1/2	0.150	0.686	0.061	0.436	0.578	0.980
Peak 1/3	0.224	0.736	0.161	0.436	0.804	0.980

Peak 2/3	0.576	0.913			0.385	0.980
V1.2/Peak 1	0.342	0.686	0.179	0.436	0.834	0.980
V1.2/Peak 2	0.605	0.913			0.065	0.980
V1.2/Peak 3	0.742	0.913			0.432	0.980
Median	0.487	0.913	0.691	0.757	0.806	0.980
PC1			0.119	0.436	0.674	0.980
PC2	0.719	0.913			0.883	0.980
PC3	0.162	0.683	0.632	0.727	0.237	0.980
PC4	0.754	0.913	0.208	0.436	0.906	0.980
