

**Article title:** Association Between Processed Dietary Pattern and Tumor Staging in Patients Newly Diagnosed with Head and Neck Squamous Cell Carcinoma

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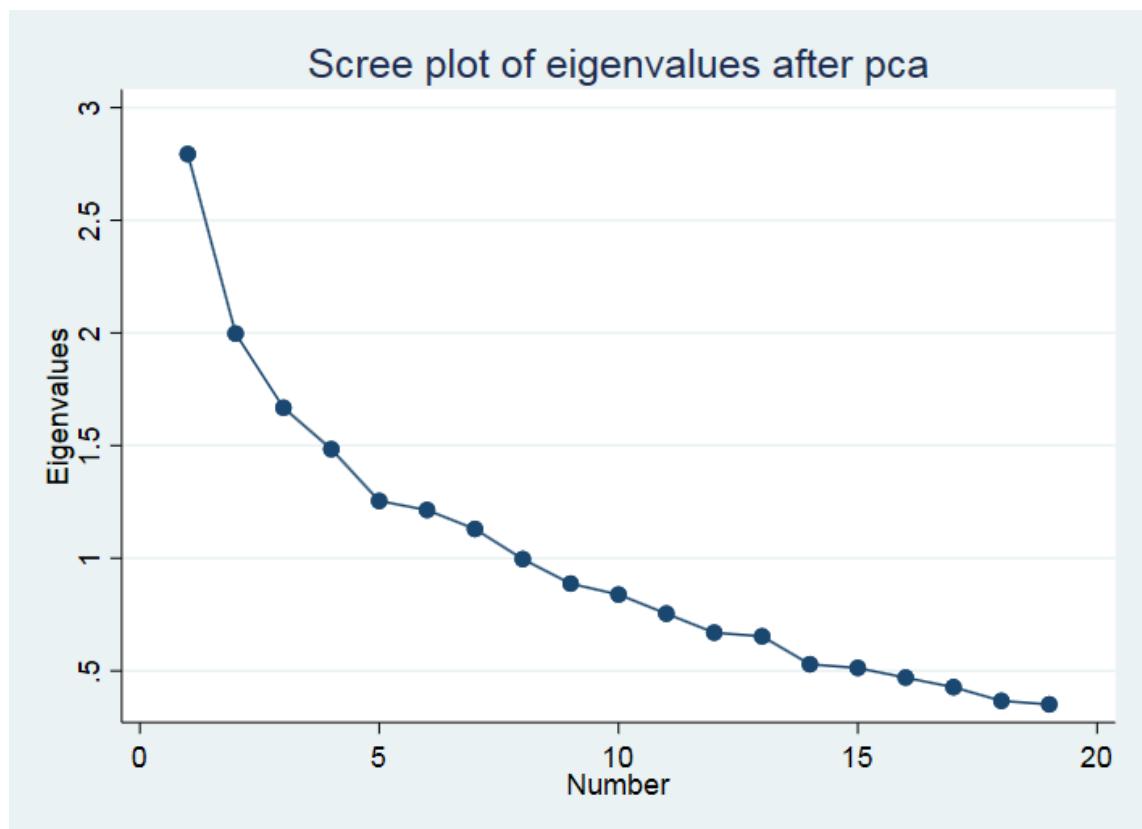
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**Figure S1.** KMO test.

**Table S1.** Factorial loadings and communalities ( $h^2$ ) of the three patterns identified in patients with HNSCC.

Food	Factorial loadings and communalities			
	Healthy	Processed	Mixed	$h^2$
Fruit	<b>0.469</b>	-0.081	-0.155	0.483
Tuber	<b>0.462</b>	0.063	0.114	0.441
Dairy products	<b>0.398</b>	0.156	-0.027	0.522
Fish	<b>0.316</b>	-0.160	0.052	0.767
Grains	<b>0.308</b>	-0.0612	0.057	0.788
Vegetables and legumes	<b>0.232</b>	0.176	0.065	0.753
Fast Food	0.016	<b>0.418</b>	-0.186	0.565
Fats	0.046	<b>0.407</b>	-0.095	0.608
Breads	0.092	<b>0.348</b>	-0.071	0.679
Sugar-sweetened beverages	-0.192	<b>0.330</b>	0.063	0.734
Cakes and cookies	0.053	<b>0.316</b>	0.051	0.747
Not tender meat	-0.109	<b>0.302</b>	0.106	0.778
Tender meat	0.144	<b>0.202</b>	0.092	0.808
Beer and wine	-0.003	-0.145	<b>0.495</b>	0.484
Distilled beverages	-0.034	-0.074	<b>0.485</b>	0.524
Pasta and flour	0.194	0.042	<b>0.367</b>	0.618
Bean	-0.100	0.199	<b>0.367</b>	0.623
Rice	0.067	0.060	<b>0.277</b>	0.816
Coffee	-0.147	0.176	<b>0.226</b>	0.801
Number of the groups	6	6	6	

Eigenvalues	2.79	1.99	1.67
% explained variance	11.93	11.50	10.57
% cumulative variance	11.93	23.43	34.00