

Table 4 Quality indices of modern convective smoked Guinean barracuda fish from 20 different processing centres

Processing centres	Peroxide value (PV) (mEq. peroxide/kg)	Free fatty acid(FFA) %	Thiobarbituric acid (TBA) (mg Mol/kg)	Total volatile base-nitrogen (TVB-N) (mgN/kg)	Trimethyl amine value (TMA) (mgN/kg)
Agbalata	8.92 <sub>i</sub>	1.27 <sub>bc</sub>	1.00 <sub>a</sub>	16.31 <sub>e</sub>	2.21 <sub>def</sub>
Ajido	8.67 <sub>h</sub>	1.29 <sub>cd</sub>	1.11 <sub>a</sub>	16.65 <sub>g</sub>	2.08 <sub>ab</sub>
Asakpo	7.31 <sub>a</sub>	1.42 <sub>ef</sub>	1.13 <sub>a</sub>	17.91 <sub>i</sub>	2.27 <sub>fg</sub>
Boguru	8.52 <sub>fg</sub>	1.46 <sub>f</sub>	1.09 <sub>a</sub>	15.36 <sub>b</sub>	2.41 <sub>hi</sub>
Fvanoveh	8.45 <sub>ef</sub>	1.30 <sub>cde</sub>	1.04 <sub>a</sub>	15.83 <sub>d</sub>	2.35 <sub>gh</sub>
Gberefun/Yovoyan	7.78 <sub>b</sub>	1.48 <sub>f</sub>	1.07 <sub>a</sub>	16.43 <sub>ef</sub>	2.18 <sub>cde</sub>
Gbetrome	8.33 <sub>e</sub>	1.25 <sub>bc</sub>	1.13 <sub>a</sub>	15.92 <sub>d</sub>	2.03 <sub>a</sub>
Ilaje	7.94 <sub>c</sub>	1.21 <sub>abc</sub>	1.01 <sub>a</sub>	15.39 <sub>b</sub>	2.49 <sub>ij</sub>
Kofegameh	8.71 <sub>h</sub>	1.11 <sub>a</sub>	1.06 <sub>a</sub>	16.34 <sub>ef</sub>	2.23 <sub>ef</sub>
Pako	8.69 <sub>h</sub>	1.16 <sub>ab</sub>	1.07 <sub>a</sub>	15.83 <sub>d</sub>	2.04 <sub>a</sub>
Afuye	8.63 <sub>gh</sub>	1.69 <sub>g</sub>	1.03 <sub>a</sub>	14.59 <sub>a</sub>	2.15 <sub>bcd</sub>
Bodin Yawa	8.91 <sub>i</sub>	1.32 <sub>cde</sub>	1.00 <sub>a</sub>	16.38 <sub>ef</sub>	2.28 <sub>fg</sub>
Idale	9.04 <sub>i</sub>	1.20 <sub>abc</sub>	1.01 <sub>a</sub>	15.57 <sub>c</sub>	2.42 <sub>h</sub>
Igbodun	7.36 <sub>a</sub>	1.41 <sub>def</sub>	1.05 <sub>a</sub>	15.33 <sub>b</sub>	2.13 <sub>bcd</sub>
Ilogun	8.73 <sub>h</sub>	1.63 <sub>g</sub>	1.08 <sub>a</sub>	16.49 <sub>f</sub>	2.11 <sub>abc</sub>
Mejona	9.25 <sub>j</sub>	1.40 <sub>def</sub>	1.02 <sub>a</sub>	16.88 <sub>h</sub>	2.28 <sub>fg</sub>
Oluwo	8.94 <sub>i</sub>	1.51 <sub>f</sub>	1.09 <sub>a</sub>	16.75 <sub>gh</sub>	2.51 <sub>j</sub>
Okorisan	8.17 <sub>d</sub>	1.15 <sub>ab</sub>	1.08 <sub>a</sub>	15.63 <sub>c</sub>	2.14 <sub>bcd</sub>
Orita	9.53 <sub>k</sub>	1.23 <sub>abc</sub>	1.02 <sub>a</sub>	15.91 <sub>d</sub>	2.41 <sub>hi</sub>
Orogoro	8.69 <sub>h</sub>	1.27 <sub>bc</sub>	1.06 <sub>a</sub>	16.58 <sub>fg</sub>	2.51 <sub>ij</sub>

Note: Data are means of 3 replicates. Data with the same subscript are not significantly different at ( $p < 0.05$ )