$\label{table V} TABLE\ V$ Single biometrics with their robustness assessment.

		Spoofing Attacks α	$\mathcal{R}(\beta,\alpha)$	$\mathcal{R}(\beta,\mathcal{A})$
	Body Odor Breath Recognition	Stolen clothes [25]	0.5227	0.0792
		Masking sensors [25]	0.0792	
		Impersonation [12]	0.8093	
		Replay [12]	0.8982	
	DNA	Biological Twin [57]	0.647	
		Stolen hair [7]	0.2535	
		Stolen blood trace [7]	0.2353	0.0595
				0.2535
		Stolen nail fragment [7]	0.9789	0 5550
		Stolen saliva sample [7]	0.3656	
	Ear - Canal Echo	3-D model [24]	0.5759	0.5759
	Ear - Shape	2-D print [28]	0.0971	0.0971
	Eur Shape	3-D model [28]	0.1946	0.0511
	ECG	Replay [18]	0.9309	0.31
		Full-fledge [30]	0.31	
	Eye - Iris	2-D print [2]	0.2098	0.0004
		2-D video [2]	0.21	
		Contact lens [2]	0.2094	0.2094
ł		3-D model [2]	0.2094	ł
	Eye - Retina	X	1	1
	Eye - Sclera Vein	X	1	1
Biometrics eta	Eye - Sciera veili			1
	Face	2-D Print [19]	0.0884	0.0852
		2-D Video-Replay [19]	0.1770	
		3-D model [19]	0.2649	
		Makeup [33]	0.0852	
	Finger - Contactless	2-D print [43]	0.1025	0.1025
		3-D model [43]	0.1041	0.1023
	Finger - Geometry	2-D print [13]	0.2113	
		2-D video [13]	0.2111	0.2111
		3-D model [13]	0.2115	
	Fingerprint	2-D print [54]	0.0986	
		3-D model [54]	0.0987	0.0984
		Plastic film [54]	0.0984	0.0001
	Finger - Vein	2-D print [64]	0.6292	0.6292
	Handwriting	Impersonation [26]	0.0232	0.0232
	Handwitting		0.2347	0.2041
	Hand - Geometry	2-D print [13]		0.2146
		2-D video [13]	0.2146	
		3-D model [13]	0.215	0.0050
	Keystroke	Impersonation [32]	0.2873	0.2873
	Lips Motion	Impersonation [67]	0.1972	0.1972
	_	Replay [67]	0.2952	
	Palm - Print	2-D print [20]	0.0107	0.0107
	Palm - Vein	2-D print [63]	0.6233	0.6233
	Skin Reflectivity	2-D print [61]	0.8778	0.9670
		2-D video [61]	0.8778	
		3-D model [61]	0.8873	0.8679
		Impersonation [61]	0.8679	
	Stylometry	Impersonation [17]	0.4967	0.4967
	Teeth Shape	2-D print [29]	0.4907	0.4301
		2-D print [29]	0.3539	0.0533
	Thermography	3-D model [29]	0.5291	0.5236
		2-D print [34]	0.5247	
		3-D model [34]	0.5236	
	Vocal Resonance	Impersonation [37]	0.3105	0.3105
		Replay [37]	0.8621	
	Voice	Impersonation [35]	0.3527	0.3527
		Replay [69]	0.3801	
		Synthesis [31]	0.3788	
		Spectral Conversion [62]	0.3788	
	Walk	Impersonation [22]	0.5644	0.5644
	1	Impersonation [22]	0.5011	0.0011