

Table 1) Investigating the Correlation between Mean Serum Level of IL-6 (pg/ml) and Hyperpigmentation and Hypopigmentation in “Exposure” and “Control” Groups, according to Presence or Absence of Pigment Disorder, Using Mann-Whitney Test

Index	Mean of IL-6	Median	P Value ¹	P Value ²
Exposure Group				
With Hyperpigmentation (55 persons)	17.98±84.49	0.60	0.76	0.001
Without Hyperpigmentation (288 persons)	4.03±15.51	0.60		
Control Group				
With Hyperpigmentation (6 persons)	2.73±3.15	1.45	0.944	
Without Hyperpigmentation (118 persons)	14.49±62.10	1.53		
Exposure Group				
With Hypopigmentation (20 persons)	42.01±138.17	0.97	0.546	0.001
Without Hypopigmentation (323 persons)	4.06±15.12	0.60		
Control Group				
With Hypopigmentation (2 persons)	1.03±0.71	1.03	0.555	
Without Hypopigmentation (122 persons)	14.13±64.05	1.53		

1. Intragroup Comparison according to Presence or Absence of the Disorder; 2. Intergroup Comparison

Table 2) Investigating the Correlation between Mean Serum Level of IL-4 (pg/ml) and Hyperpigmentation and Hypopigmentation in “Exposure” and “Control” Groups, according to Presence or Absence of Pigment Disorder Using Mann-Whitney Test

Index	Mean of IL-4	Median	P Value ¹	P Value ²
Exposure Group				
With Hyperpigmentation (56 persons)	37.57±127.60	12.16	0.183	0.027
Without Hyperpigmentation (285 persons)	19.98±34.29	11.39		
Control Group				
With Hyperpigmentation (6 persons)	9.41±1.95	9.51	0.154	
Without Hyperpigmentation (116 persons)	29.30±72.87	10.57		
Exposure Group				
With Hypopigmentation (20 persons)	71.69±210.31	14.56	0.125	0.035
Without Hypopigmentation (321 persons)	19.82±33.21	11.37		
Control Group				
With Hypopigmentation (2 persons)	8.03±1.11	8.03	0.011	
Without Hypopigmentation (120 persons)	28.66±71.72	10.53		

1. Intragroup Comparison according to Presence or Absence of the Disorder; 2. Intergroup Comparison