

**Supplement Table 1:
Patient demographics**

Item	Asian	Black African/ Caribbean	White Caucasian	P value
Number of individuals	134/422 (31.8%)	69/422 (16.4%)	219/422 (51.9%)	-
Female sex	101/134 (75.4%)	63/69 (91.3%)	191/219 (87.2%)	0.003 (C vs A = 0.006; B vs A = 0.008)
Age at diagnosis (years)*	13.02 [10.71-14.58]	12.34 [9.43-13.72]	13.06 [11.00-14.92]	0.026 (B vs C = 0.021)
Time to diagnosis (years)	0.26 [0.00-14.07]	0.27 [0.00-14.00]	0.37 [0.00-14.50]	0.040 (C vs A = 0.049)

Age of diagnosis is presented as medians with interquartile ranges. Time to diagnosis is presented as medians with ranges. P values relate to Kruskal Wallace and Chi-squared tests, comparing distribution and counts across the three ethnic groups. Results of post-hoc pairwise comparison tests (Dunn's and Fisher's Exact test) are indicated in curved brackets under the p value, indicating where the significant differences lie using the following codes: A= Asian, B= Black African/Caribbean, C= White Caucasian. *Diagnosis age was not available for one patient.

Supplement Table 2: Damage at diagnosis (SLICC)

Item	Asian (n=134)	Black African/ Caribbean (n=69)	White Caucasian (n=219)	P value
SLICC-SDI	0 [0]	0 [0]	0 [0]	0.522
SLICC domain involvement at diagnosis				
• Cataract	1 (0.7%)	0 (0%)	0 (0%)	0.481
• Retinal change	2 (1.5%)	0 (0%)	1 (0.5%)	0.580
• Cognitive	3 (2.2%)	2 (2.9%)	4 (1.8%)	0.817
• Proteinuria	4 (3.0%)	1 (1.5%)	8 (3.7%)	0.651
• Pericarditis	0 (0%)	0 (0%)	1 (0.5%)	1.00
• Thrombosis	0 (0%)	0 (0%)	2 (0.9%)	1.00
• Muscle atrophy	2 (1.5%)	1 (1.5%)	6 (2.7%)	0.899
• Alopecia	11 (8.2%)	2 (2.9%)	11 (5.0%)	0.250
• Gonadal failure	1 (0.7%)	1 (1.5%)	0 (0%)	0.231

Total SLICC-SDI values are presented as medians with interquartile ranges. Individual damage items are presented as a number with a percentage in the brackets.

Supplement table 3: Significant results in jSLE patients who tested positive for ANA at diagnosis

Item	Asian (n=129)	Black African/ Caribbean (n=67)	White Caucasian (n=202)	P value
Age at diagnosis (years)	13.12 [10.81 - 14.65]	12.36 [9.50- 13.88]	13.10 [11.18- 14.92]	0.024 <i>(B vs C = 0.020)</i>
SLEDAI score at diagnosis	8.00 [5.00- 14.00]	7.00 [2.00- 10.00]	12.00 [6.00- 18.00]	<0.001 <i>(B vs C <0.001; A vs B = 0.020)</i>
Total numerical pBILAG2004 score at diagnosis	8.00 [3.50- 17.00]	5.00 [1.00- 12.00]	9.00 [4.00- 16.00]	0.033 <i>(B vs C = 0.043)</i>
Constitutional pBILAG2004 at diagnosis	50 (38.9%)	13 (19.4%)	58 (28.7%)	0.015 <i>(A vs B = 0.006)</i>
Mucocutaneous pBILAG2004 at diagnosis	61 (47.3%)	18 (26.9%)	78 (38.6%)	0.020 <i>(A vs B = 0.006)</i>
Musculoskeletal pBILAG2004 at diagnosis	34 (26.4%)	14 (20.9%)	78 (38.6%)	0.008 <i>(B vs C = 0.008)</i>
ESR (mm/hr) at diagnosis	42.00 [15.00- 86.00]	45.50 [23.00- 100.5]	30.00 [11.00- 70.00]	0.033
Haemoglobin	12.50 [11.60-	11.80 [9.80-	13.08 [12.10-	<0.001

<i>(g/dl) at last visit</i>	<i>13.58]</i>	<i>13.00]</i>	<i>14.20]</i>	<i>(A vs B = 0.037; B vs C <0.001; A vs C = 0.021)</i>
<i>ESR (mm/hr) at last visit</i>	<i>12.00 [6.00-28.50]</i>	<i>19.00 [10.00-42.75]</i>	<i>7.50 [3.00-19.00]</i>	<i><0.001 (A vs C = 0.028; B vs C <0.001)</i>

Variables are presented as medians with interquartile ranges, apart from individual pBILAG2004 components, which are presented as numbers and percentages. P values relate to Kruskal Wallace and Chi-squared tests, comparing distribution and counts across the three ethnic groups. Results of post-hoc pairwise comparison tests (Dunn's and Fisher's Exact test) are indicated in curved brackets under the p value, indicating where the significant differences lie using the following codes: A= Asian, B= Black African/Caribbean, C=White Caucasian. *Diagnosis age was not available for one patient.