

Table 1: Averages (μV), standard deviation (in brackets, \pm), and statistical significance ($p < 0.05$, $p < 0.0001$)* of the normalized electromyographic data (a.u.) of the masticatory muscles in the mandibular tasks for women of the rheumatoid arthritis and the non-rheumatoid arthritis groups.

Mandibular task	Muscles	Groups		p value
		RAG	CG	
Rest	RM	0.23 (0.20)	0.12 (0.10)	0.65
	LM	0.26 (0.22)	0.13 (0.06)	
	p-value	p = 0.78	p = 0.57	
	Mean both sides	0.25 (0.25)	0.12 (0.85)	
	RT	0.32 (0.20)	0.23 (0.15)	
	LT	0.24 (0.12)	0.22 (0.16)	
	p-value	p = 0.19	p = 0.90	
	Mean both sides	0.28 (0.17)	0.23 (0.16)	
Right laterality	RM	0.28 (0.21)	0.12 (0.08)	0.25
	LM	0.27 (0.20)	0.24 (0.17)	
	p-value	p = 0.78	p = 0.007	
	Mean both sides	0.27 (0.24)	0.19 (0.15)	
	RT	0.39 (0.24)	0.30 (0.15)	
	LT	0.19* (0.13)	0.17* (0.09)	
	p-value	p < 0.001	p = 0.01	
	Mean both sides	0.29* (0.21)	0.23 (0.14)	
Left laterality	RM	0.23 (0.16)	0.17 (0.10)	0.62
	LM	0.22 (0.20)	0.14 (0.08)	
	p-value	p = 0.93	p = 0.38	
	Mean both sides	0.22 (0.18)	0.16 (0.09)	
	RT	0.33 (0.21)	0.20 (0.13)	
	LT	0.28 (0.23)	0.25 (0.10)	
	p-value	p = 0.61	p = 0.39	
	Mean both sides	0.30 (0.22)	0.22 (0.12)	
Protrusion	RM	0.39 (0.25)	0.24 (0.20)	0.62
	LM	0.33 (0.27)	0.24 (0.20)	
	p-value	p = 0.55	p = 0.99	
	Mean both sides	0.36 (0.27)	0.24 (0.19)	
	RT	0.36 (0.19)	0.18 (0.09)	
	LT	0.24 (0.19)	0.18 (0.10)	
	p-value	p = 0.13	p = 0.90	
	Mean both sides	0.30 (0.20)	0.18 (0.10)	
Dental clenching	RM	0.93 (0.46)	0.70 (0.24)	0.96
	LM	0.83 (0.38)	0.78 (0.20)	
	p-value	p = 0.55	p = 0.30	
	Mean both sides	0.88 (0.41)	0.74 (0.22)	
	RT	0.98 (0.36)	0.78 (0.23)	
	LT	0.84 (0.39)	0.74 (0.35)	
	p-value	p = 0.60	p = 0.76	
	Mean both sides	0.74 (0.37)	0.86 (0.29)	

RM: right masseter, LM: left masseter, RT: right temporal muscle, LT: left temporal muscle, RAG: arthritis group, CG: non-rheumatoid arthritis group. *: between sides comparisons, post hoc Bonferroni ($p < 0.05$), &: between groups comparisons, post hoc Bonferroni ($p < 0.0001$).