

**Suppl. Table S3.** OMES-E scores referred to swallowing problems and chewing efficiency in Down syndrome.

	YAG		OAG		<i>P-value</i>
	Mean	SD	Mean	SD	
<b>Lip problems during swallowing</b>					
Lip sealing	3.75	0.46	3.10	0.99	0.109
<i>Total score out of 100</i>	62.5	7.71	51.6	16.5	0.109
<b>Tongue problems during swallowing</b>					
Contained within oral cavity	4.0	0.0	3.9	0.3	0.387
Between the teeth	3.0	0.0	2.9	0.3	0.387
<i>Total score out of 100</i>	87.5	0.0	85.0	7.9	0.387
<b>Problems during swallowing</b>					
Associated movements	1.5	0.53	1.5	0.52	10.00
Sliding of mandible	1.38	0.51	1.2	0.42	0.440
Facial muscle tension	1.0	0.10	1.2	0.42	0.201
Food leakage	1.75	0.46	1.8	0.42	0.814
Cough	2.00	0.00	2.00	0.00	10.00
Noise	1.88	0.35	1.9	0.31	0.876
<i>Total score out of 100</i>	79.1	6.29	80	9.78	0.838
<b>Swallowing efficiency</b>					
Solids swallowing efficiency	1.63	0.52	1.30	0.48	0.188
Liquids swallowing efficiency	2.63	0.52	2.90	0.32	0.183
<i>Total score out of 100</i>	47.2	7.86	46.6	7.03	0.876
<b>Chewing - bite</b>					
First bite	3.5	0.8	3.1	0.6	0.217
<i>Total score out of 100</i>	87.5	18.9	77.5	14.2	0.217
<b>Chewing</b>					
Type of chewing	5.25	1.04	5.00	1.05	0.621
<i>Total score out of 100</i>	52.5	10.3	50.0	10.5	0.621
<b>Problems during chewing</b>					
Associated movements	1.38	0.52	1.40	0.52	0.920
Postural changes	1.63	0.52	1.70	0.48	0.755
Food leakage	1.38	0.52	1.50	0.71	0.682
<i>Total score out of 100</i>	72.9	17.6	76.6	19.5	0.679

YAG: Younger adults' group; OAG: Older adults' group; Sd: standard deviation.