

Appendix.

Table A.1. Descriptive data (Mean \pm SE) of consumption time and bolus properties of consumers differing in age (n=21 young Dutch, n=21 young Chinese), ethnicity (n=22 older adults Dutch, n=21 young Dutch), and gender (n=34 females, n=30 males).

	Young adults				Older adults	
	Chinese		Dutch			
	Females	Males	Females	Males	Females	Males
Total consumption time (s)	29.5 \pm 1.8	18.8 \pm 1.1	16.8 \pm 1.1	17.2 \pm 1.4	27.6 \pm 2.3	23.5 \pm 1.5
33% of consumption time						
Hardness (N)	3.08 \pm 0.19	3.59 \pm 0.26	3.65 \pm 0.26	3.63 \pm 0.23	3.24 \pm 0.18	3.22 \pm 0.19
Adhesiveness (N*s)	0.012 \pm 0.002	0.018 \pm 0.003	0.012 \pm 0.004	0.011 \pm 0.002	0.013 \pm 0.002	0.013 \pm 0.004
Cohesiveness (-)	0.48 \pm 0.01	0.50 \pm 0.01	0.52 \pm 0.01	0.52 \pm 0.01	0.48 \pm 0.01	0.50 \pm 0.01
Particle size d50 (μ m)	2146 \pm 45	1994 \pm 31	2142 \pm 40	2025 \pm 19	2103 \pm 42	2122 \pm 41
Number of particles (-)	325 \pm 48	302.5 \pm 48	172 \pm 19	287 \pm 37	323 \pm 32	292 \pm 34
Saliva ratio h _w (-)	0.1 \pm 0.01	0.1 \pm 0.01	0.1 \pm 0.01	0.1 \pm 0.01	0.1 \pm 0.01	0.1 \pm 0.01
66% of consumption time						
Hardness (N)	2.14 \pm 0.18	2.65 \pm 0.15	3.0 \pm 0.19	2.89 \pm 0.23	2.51 \pm 0.13	2.54 \pm 0.17
Adhesiveness (N*s)	0.024 \pm 0.004	0.028 \pm 0.006	0.021 \pm 0.004	0.02 \pm 0.003	0.037 \pm 0.004	0.02 \pm 0.003
Cohesiveness (-)	0.40 \pm 0.01	0.42 \pm 0.01	0.45 \pm 0.01	0.45 \pm 0.01	0.40 \pm 0.01	0.44 \pm 0.01
Particle size d50 (μ m)	1960 \pm 23	1958 \pm 27	2034 \pm 33	1981 \pm 32	1946 \pm 27	2027 \pm 28
Number of particles (-)	494 \pm 35	396 \pm 49	316 \pm 31	427 \pm 45	510 \pm 22	489 \pm 49
Saliva ratio h _w (-)	0.1 \pm 0.01	0.1 \pm 0.01	0.1 \pm 0.02	0.1 \pm 0.01	0.1 \pm 0.01	0.2 \pm 0.03
100% of consumption time						
Hardness (N)	1.79 \pm 0.1	2.12 \pm 0.13	2.35 \pm 0.13	2.27 \pm 0.21	2.04 \pm 0.1	1.86 \pm 0.14
Adhesiveness (N*s)	0.04 \pm 0.005	0.04 \pm 0.006	0.03 \pm 0.005	0.03 \pm 0.005	0.05 \pm 0.006	0.03 \pm 0.005
Cohesiveness (-)	0.36 \pm 0.01	0.39 \pm 0.01	0.41 \pm 0.01	0.40 \pm 0.01	0.37 \pm 0.01	0.39 \pm 0.01
Particle size d50 (μ m)	1935 \pm 28	1944 \pm 27	2008 \pm 25	1968 \pm 19	1936 \pm 20	1961 \pm 16
Number of particles (-)	623 \pm 32	555 \pm 27	381 \pm 31	526 \pm 40	561 \pm 37	538 \pm 51
Saliva ratio h _w (-)	0.2 \pm 0.02	0.2 \pm 0.01	0.1 \pm 0.02	0.2 \pm 0.01	0.2 \pm 0.02	0.2 \pm 0.04