

Supplementary Table S1. Associations between weighted snack intake and oral microorganism carriage from child aged 12 months to 24 months.

	Sweet Index_Weighted			Non-sweet Index_Weighted		
	OR	95% CI	p	OR	95% CI	p
<i>S. mutans</i> carriage__saliva	1.02	0.98, 1.05	0.29	1.00	0.99, 1.02	0.49
<i>S. mutans</i> carriage__plaque	1.01	0.98, 1.05	0.55	1.02	1.00, 1.03	0.02
<i>Candida</i> carriage__saliva	0.99	0.96, 1.02	0.44	1.01	1.00, 1.02	0.21
<i>Candida</i> carriage__plaque	0.99	0.96, 1.03	0.75	1.01	1.00, 1.02	<0.05

Supplementary Table S2. Interactions between weighted sweet/non-sweet indices and time of visit and their associations with oral microorganisms.

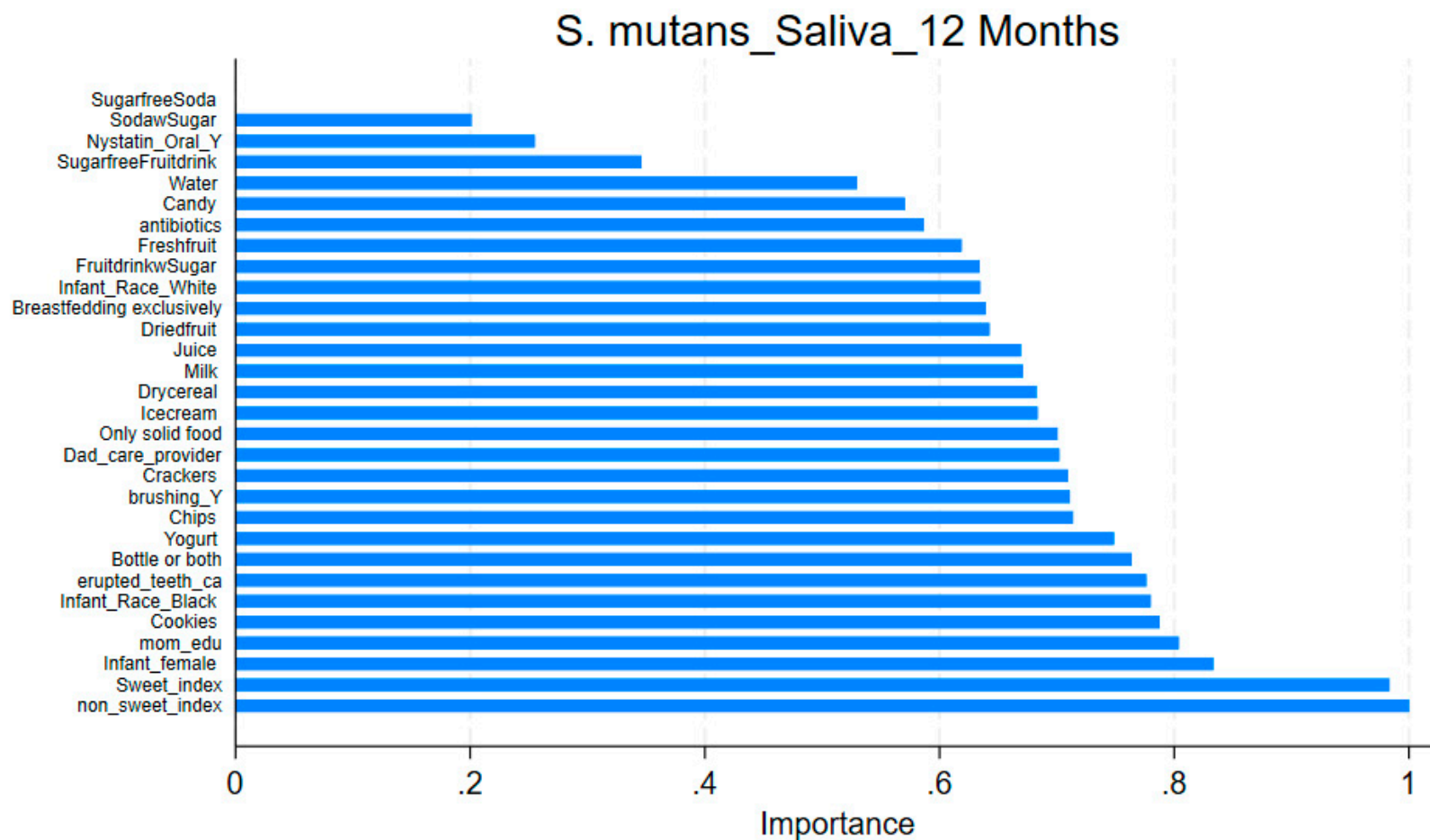
	<i>S. mutans</i> carriage__Saliva		<i>S. mutans</i> carriage__Plaque		<i>Candida</i> carriage__Saliva		<i>Candida</i> carriage__Plaque	
	OR (95%CI)	p	OR (95%CI)	p	OR (95%CI)	p	OR (95%CI)	p
Sweet Index_weighted	1.10 (0.99, 1.23)	0.09	1.18 (1.03, 1.37)	0.02	1.19 (1.06, 1.35)	0.005	1.26 (1.09, 1.45)	0.002
Time	1.09 (0.92, 1.28)	0.33	1.23 (1.01, 1.50)	0.04	1.14 (0.98, 1.33)	0.04	1.19 (0.99, 1.42)	0.06
Sweet Index x Time	1.00 (0.99, 1.00)	0.14	0.99 (0.98, 1.00)	0.02	0.99 (0.98, 1.00)	0.002	0.99 (0.98, 0.99)	0.001
Non-sweet	1.00 (0.96, 1.03)	0.84	1.04 (1.00, 1.09)	0.04	1.00 (0.97, 1.04)	0.87	1.01 (0.98, 1.05)	0.59
Index_weighted								
Time	0.98 (0.81, 1.19)	0.85	1.20 (0.97, 1.49)	0.09	0.95 (0.80, 1.13)	0.58	0.98 (0.80, 1.19)	0.81
Non-sweet index x Time	1.00 (1.00, 1.00)	0.67	1.00 (1.00, 1.00)	0.15	1.00 (1.00, 1.00)	0.81	1.00 (1.00, 1.00)	0.99

Supplementary Table S3. Cross-sectional analysis of the associations between snack indices and oral microorganism carriage

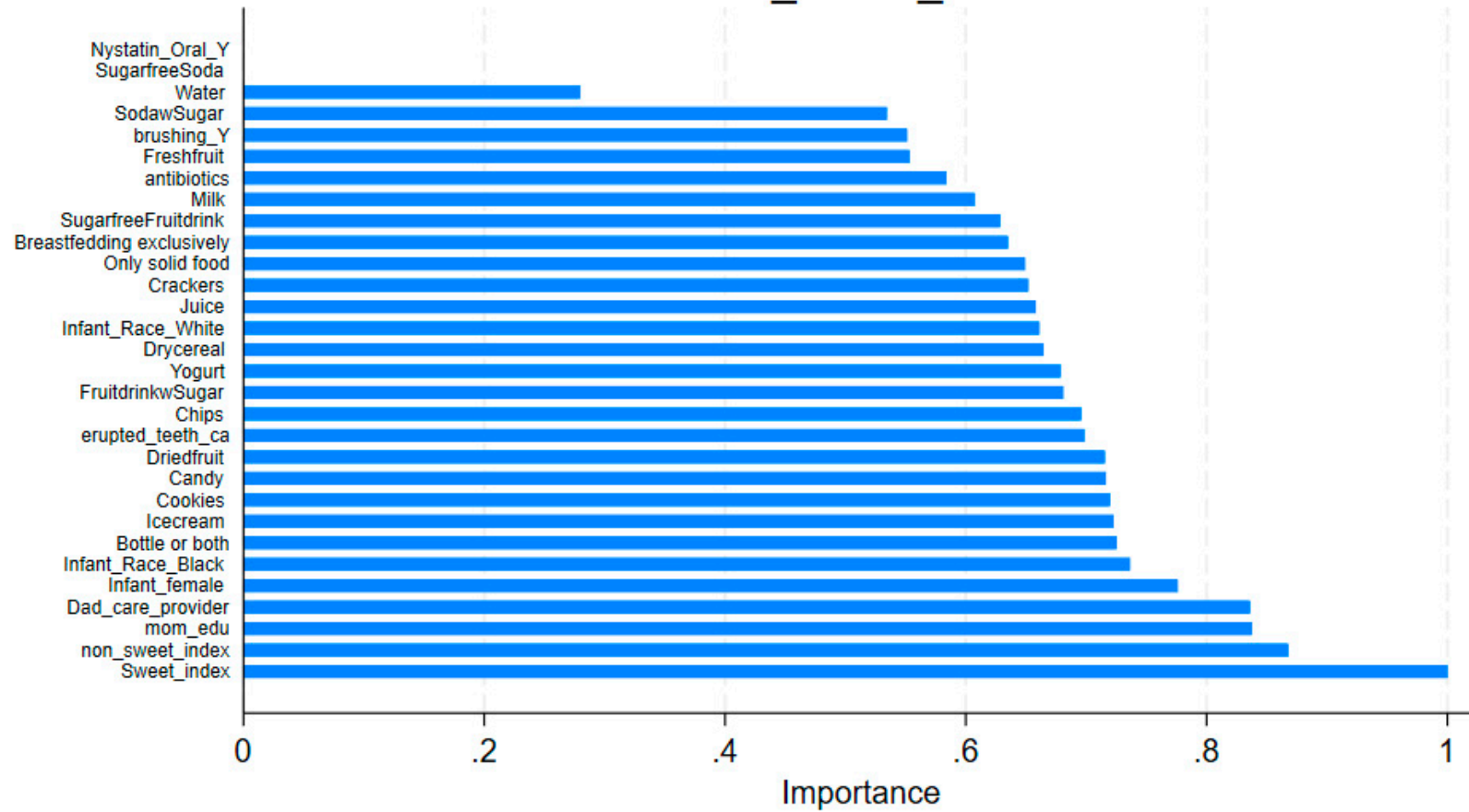
	<i>S. mutans</i> carriage _Saliva		<i>S. mutans</i> carriage _Plaque		<i>Candida</i> carriage _Saliva		<i>Candida</i> carriage _Plaque	
	OR (95%CI)	p	OR (95%CI)	p	OR (95%CI)	p	OR (95%CI)	p
Sweet Index								
12 months	1.13 (0.78, 1.64)	0.51	1.29 (0.89, 1.88)	0.18	1.21 (0.92, 1.60)	0.17	1.31 (0.96, 1.80)	0.09
18 months	1.21 (0.88, 1.67)	0.24	1.24 (0.87, 1.75)	0.23	0.92 (0.68, 1.24)	0.57	1.07 (0.72, 1.58)	0.74
24 months	0.92 (0.70, 1.21)	0.55	0.91 (0.70, 1.19)	0.49	0.73 (0.55, 0.98)	0.04	0.72 (0.51, 1.00)	0.05
Non-sweet Index								
12 months	0.73 (0.47, 1.12)	0.15	1.00 (0.64, 1.56)	0.99	1.13 (0.83, 1.52)	0.44	0.92 (0.66, 1.28)	0.61
18 months	1.61 (0.91, 2.87)	0.11	3.18 (1.44, 7.01)	0.004	1.07 (0.63, 1.83)	0.80	0.54 (0.26, 1.13)	0.10
24 months	1.11 (0.71, 1.73)	0.64	1.39 (0.90, 2.15)	0.13	1.05 (0.69, 1.60)	0.83	0.79 (0.49, 1.29)	0.35

Supplementary Figures

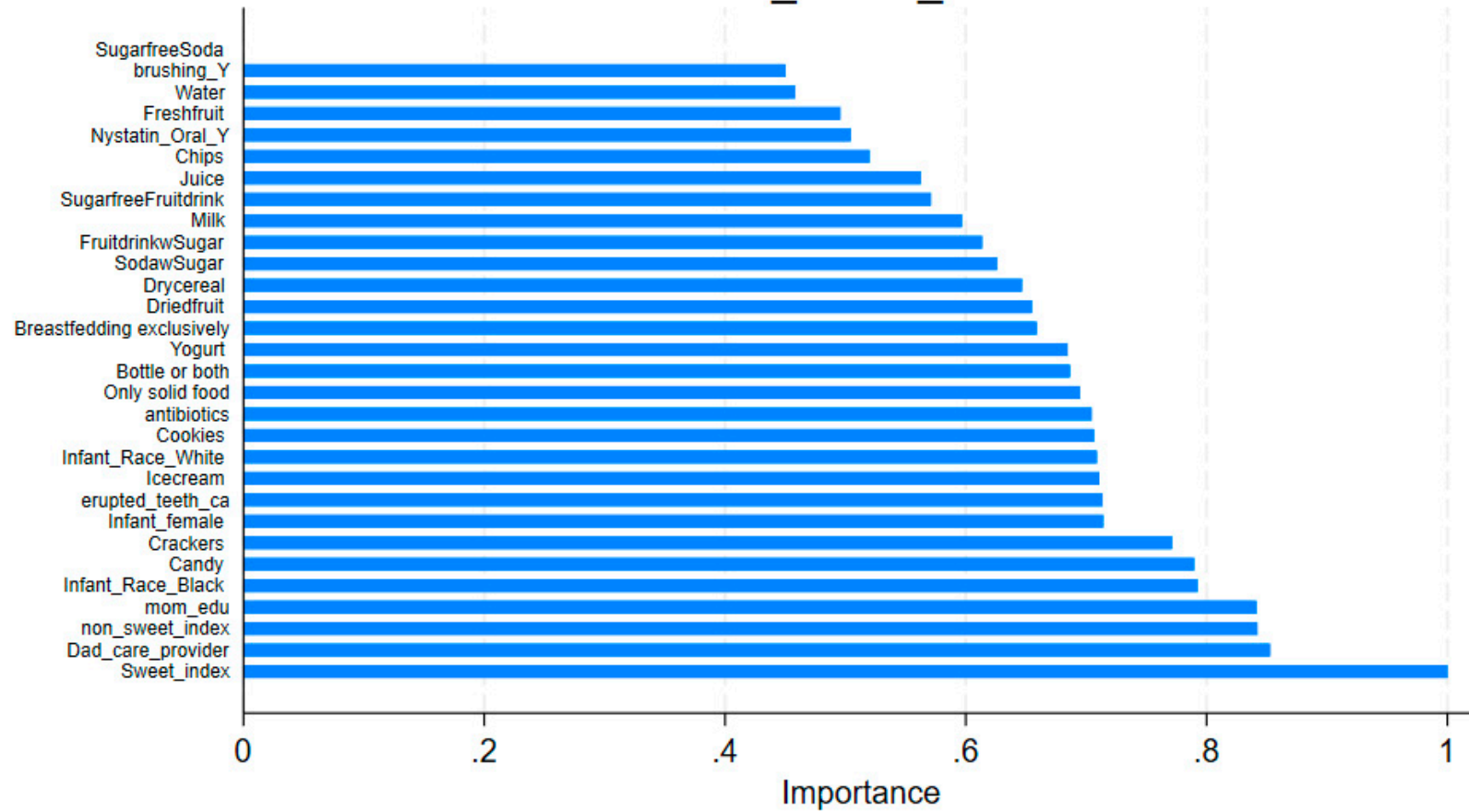
Supplementary Figure S1. Rank of the predictive factors of *S. mutans* carriage in saliva by age.



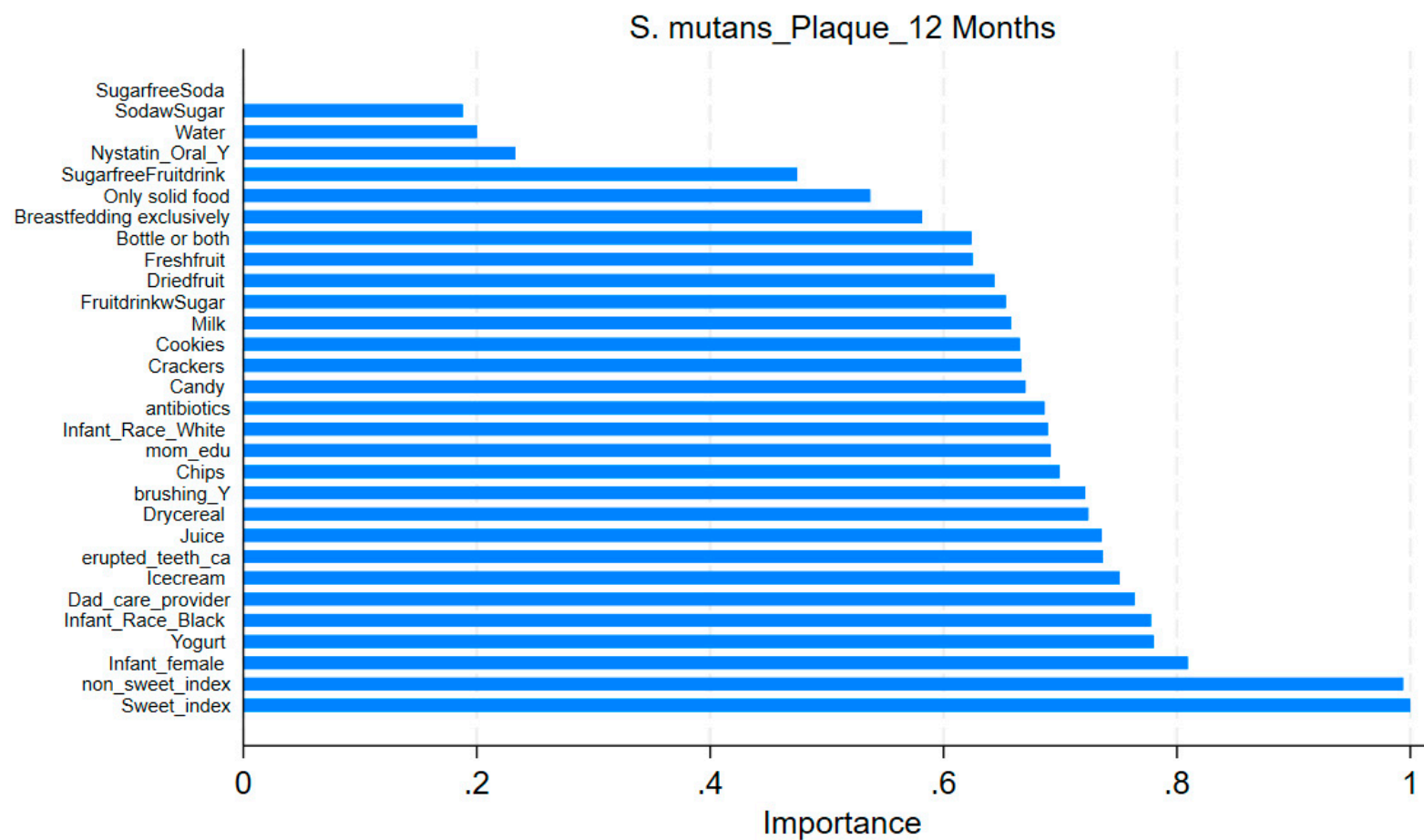
S. mutans_Saliva_18 Months



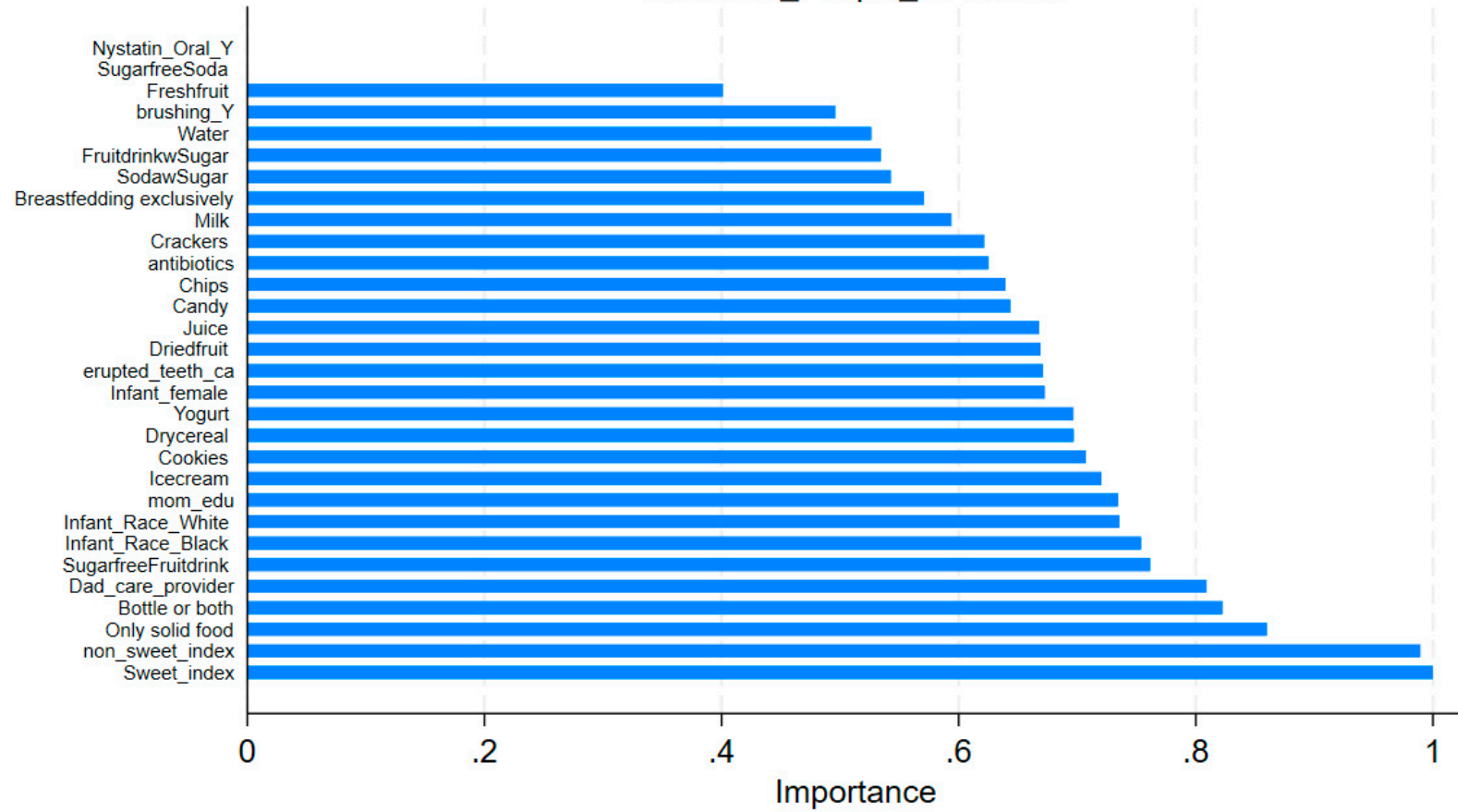
S. mutans_Saliva_24 Months



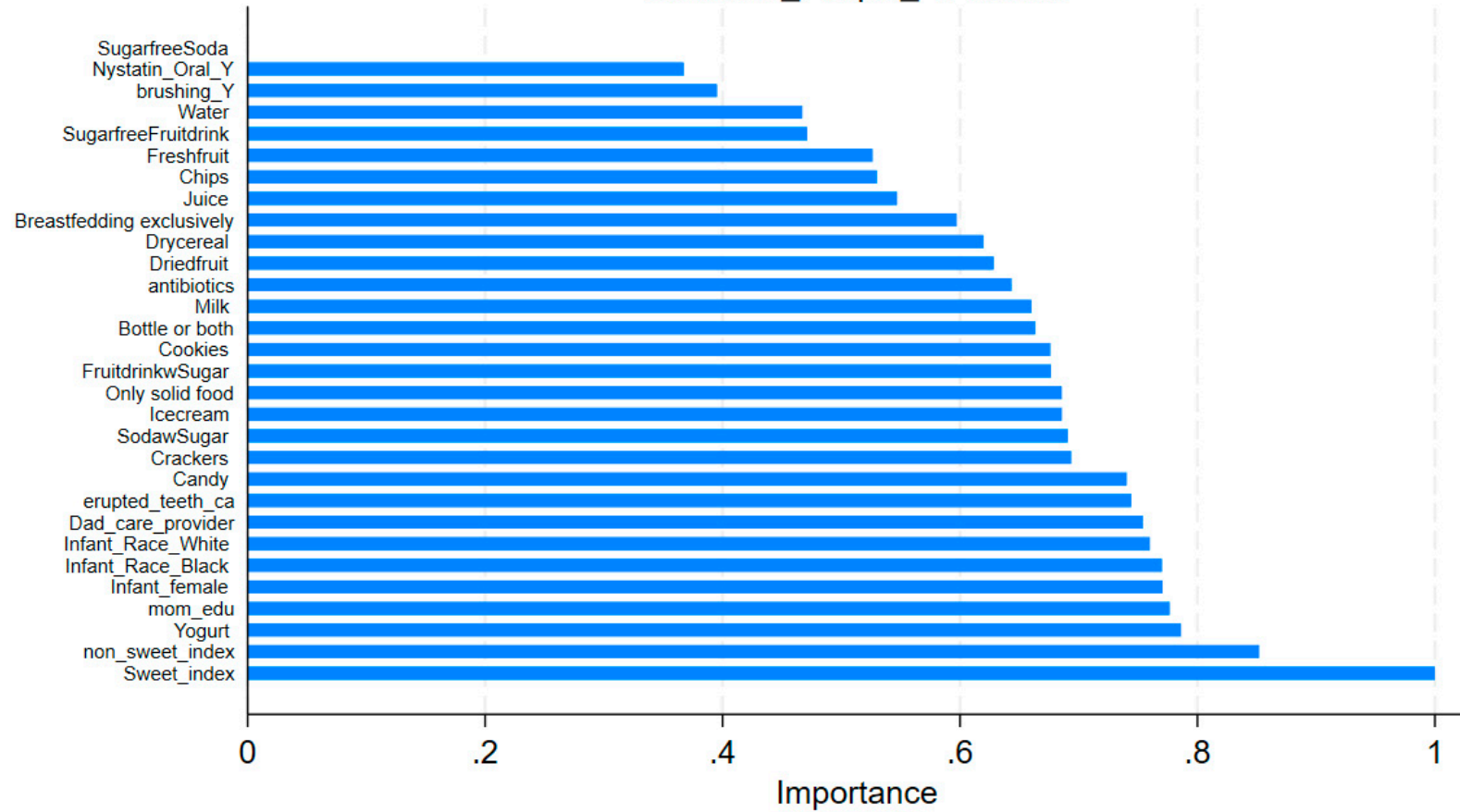
Supplementary Figure S2. Rank of the predictive factors of *S. mutans* carriage in plaque by age.



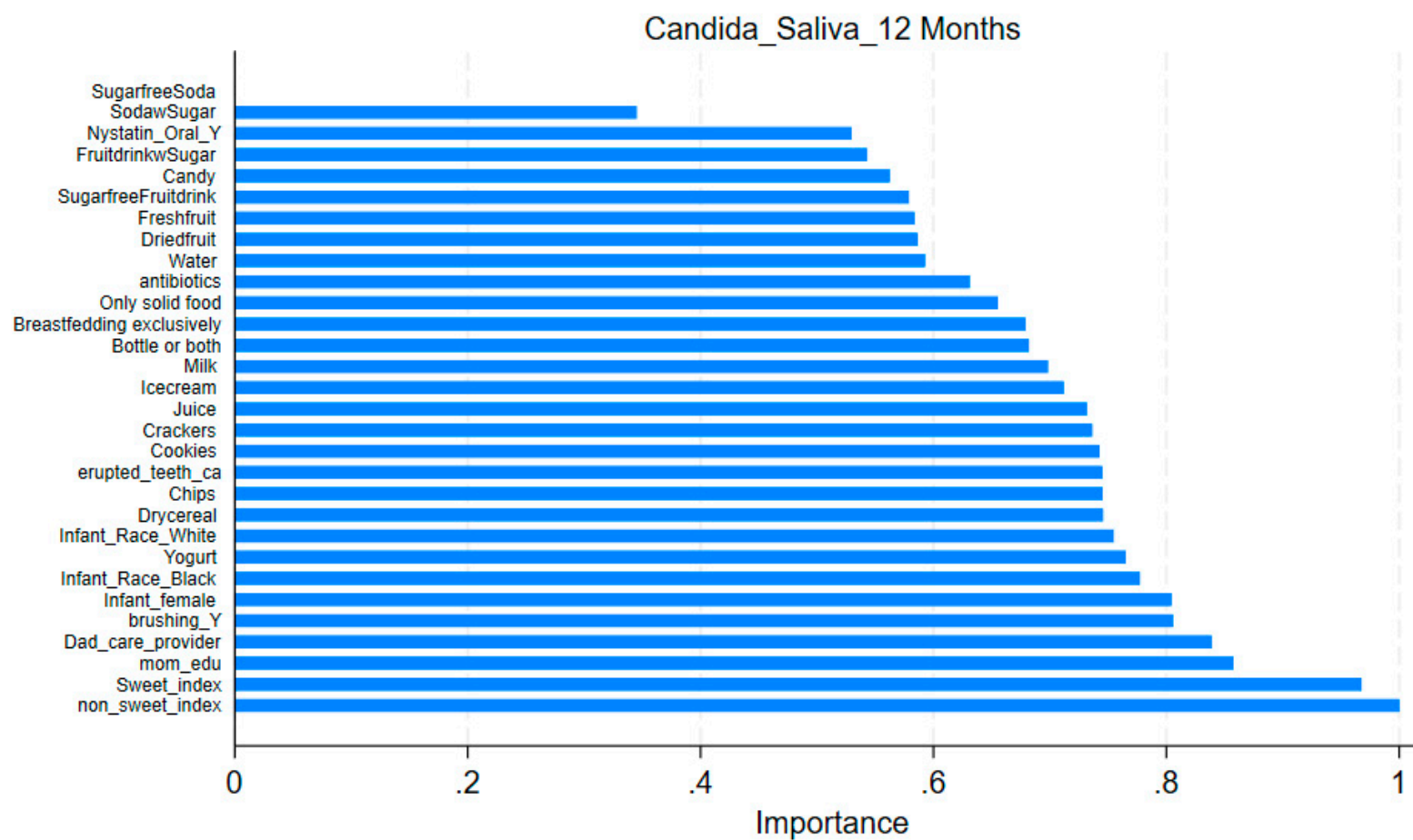
S.mutans_Plaque_18 Months

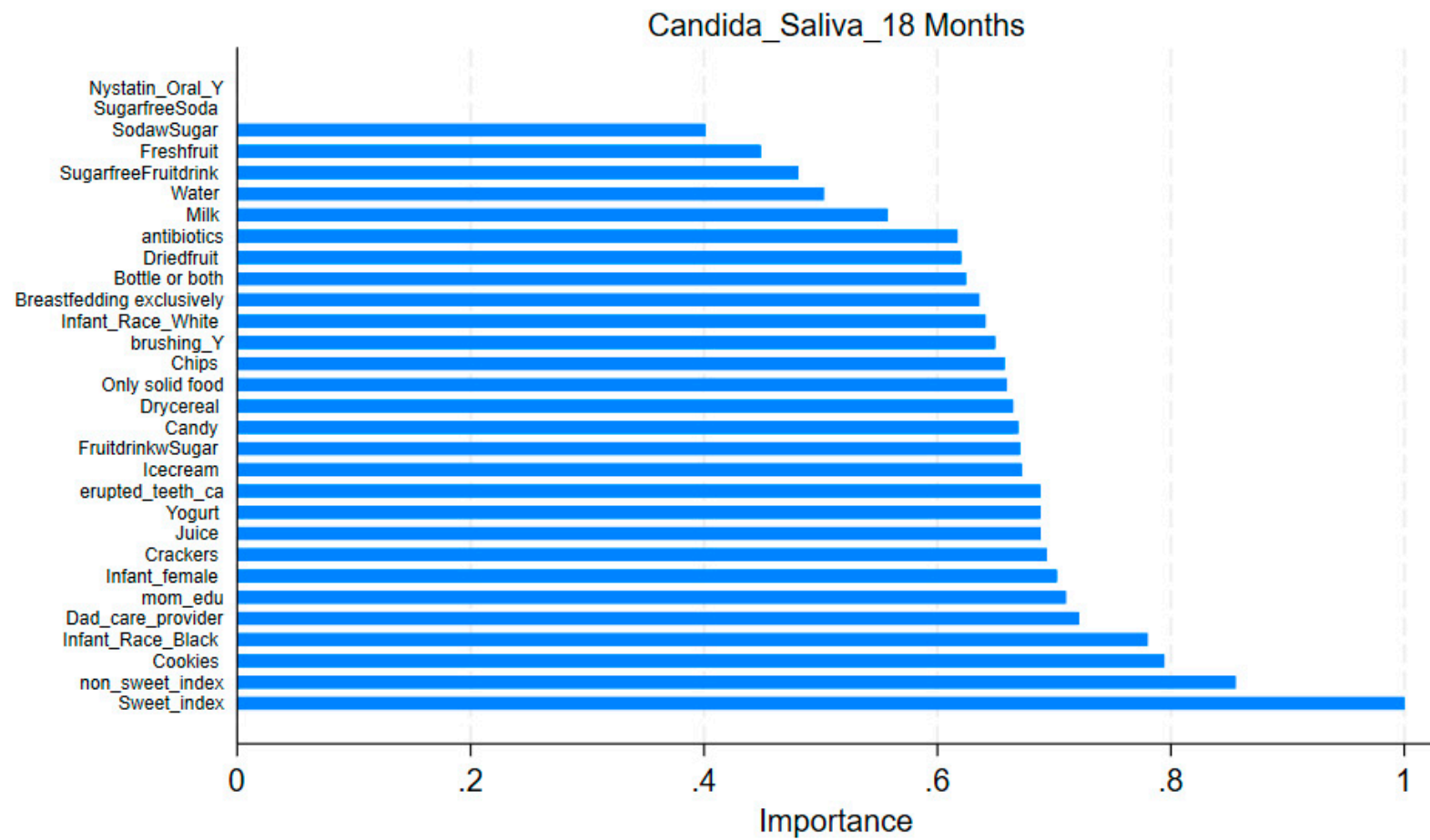


S.mutans_Plaque_24 Months

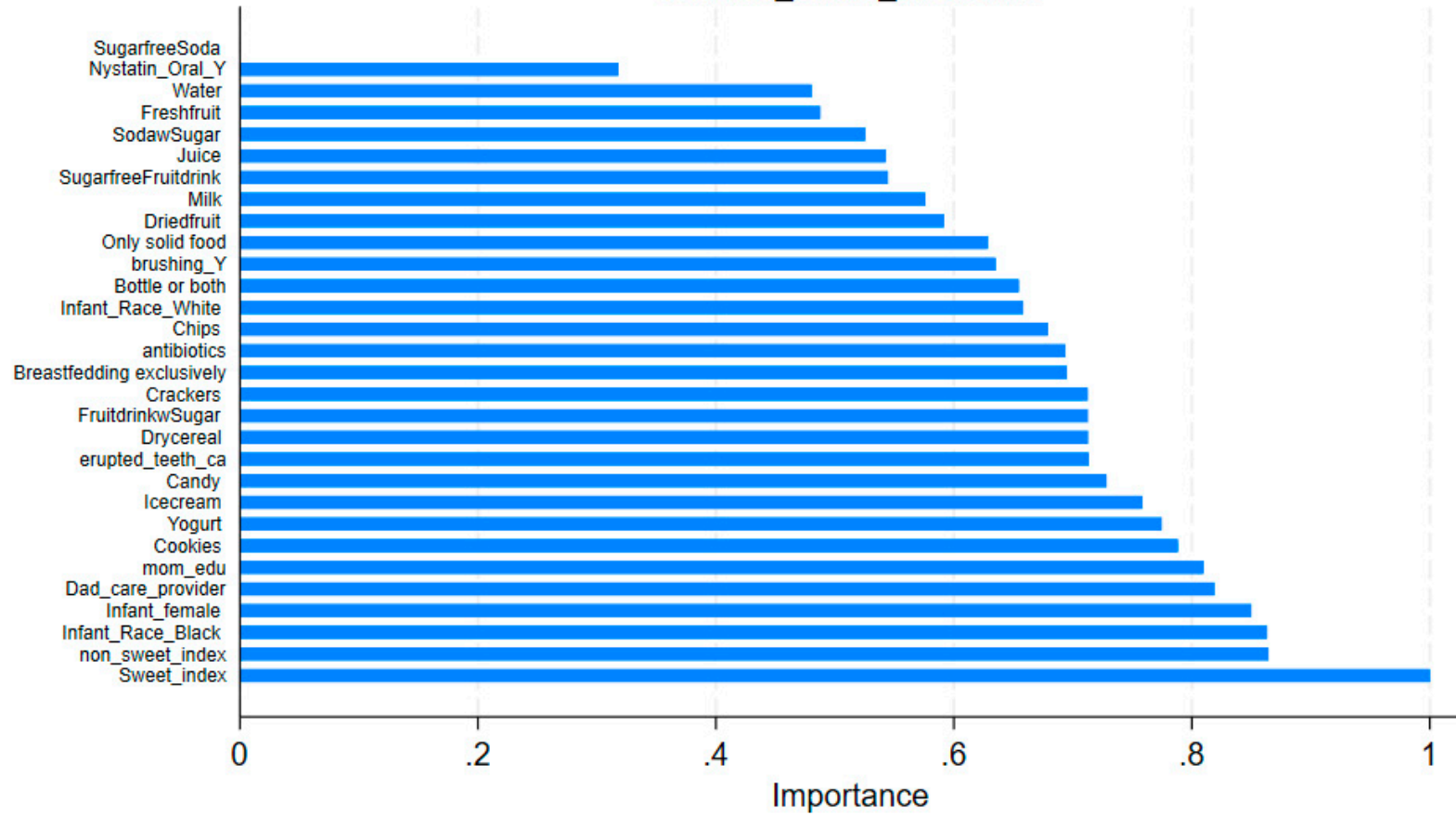


Supplementary Figure S3. Rank of the predictive factors of *Candida* carriage in saliva by age.





Candida_Saliva_24 Months



Supplementary Figure S4. Rank of the predictive factors of *Candida* carriage in plaque by age.

