

Table S1. The transition matrix between lowest, middle, and highest thirds in residual eating derived from experiment 2. The percentage of transitions between the thirds has been calculated using a non-parametric bootstrap approach to get realistic estimates for the transitions between the lowest and highest thirds, which were not observed for most measurement standards in the experiment.

		S2			S3			
		1st	2nd	3rd	1st	2nd	3rd	
Gold standard	1st	92 %	8 %	0 %	1st	89 %	11 %	0 %
	2nd	8 %	84 %	8 %	2nd	11 %	81 %	8 %
	3rd	0 %	8 %	92 %	3rd	0 %	8 %	92 %
			S4			S5		
			1st	2nd	3rd	1st	2nd	3rd
	1st	81 %	17 %	2 %	1st	78 %	19 %	3 %
	2nd	19 %	67 %	15 %	2nd	22 %	61 %	17 %
	3rd	0 %	16 %	84 %	3rd	0 %	19 %	80 %
			S6/S12			S7		
			1st	2nd	3rd	1st	2nd	3rd
	1st	76 %	21 %	3 %	1st	74 %	22 %	4 %
	2nd	23 %	58 %	20 %	2nd	19 %	60 %	20 %
	3rd	2 %	21 %	77 %	3rd	7 %	17 %	76 %
			S8			S9		
			1st	2nd	3rd	1st	2nd	3rd
1st	79 %	21 %	1 %	1st	74 %	23 %	3 %	
2nd	21 %	65 %	14 %	2nd	20 %	60 %	20 %	
3rd	0 %	15 %	85 %	3rd	7 %	16 %	77 %	
		S10/S13			S11			
		1st	2nd	3rd	1st	2nd	3rd	
1st	73 %	25 %	2 %	1st	79 %	18 %	3 %	
2nd	27 %	54 %	19 %	2nd	16 %	58 %	26 %	
3rd	1 %	21 %	79 %	3rd	5 %	25 %	70 %	
		S14			S15			
		1st	2nd	3rd	1st	2nd	3rd	
1st	77 %	20 %	3 %	1st	78 %	19 %	4 %	
2nd	22 %	61 %	16 %	2nd	22 %	60 %	18 %	

3rd | 0 % 19 % 81 % **3rd** | 0 % 21 % 78 %

Table S2. The transition matrix between lowest, middle, and highest thirds in residual eating derived from experiment 3. The percentage of transitions between the thirds has been calculated using non-parametric bootstrap approach to get realistic estimates for the transitions between the lowest and highest thirds, which were not observed for most measurement standards in the experiment.

		S2			S3				
		1st	2nd	3rd	1st	2nd	3rd		
Gold standard	1st	95 %	5 %	0 %	1st	94 %	6 %	0 %	
	2nd	5 %	87 %	8 %	2nd	6 %	83 %	11 %	
	3rd	0 %	8 %	92 %	3rd	0 %	11 %	89 %	
			S4			S5			
			1st	2nd	3rd	1st	2nd	3rd	
		1st	53 %	42 %	4 %	1st	84 %	16 %	0 %
		2nd	30 %	43 %	28 %	2nd	16 %	72 %	12 %
		3rd	16 %	15 %	69 %	3rd	0 %	12 %	88 %
			S6/S12			S7			
			1st	2nd	3rd	1st	2nd	3rd	
	1st	64 %	31 %	4 %	1st	68 %	19 %	13 %	
	2nd	29 %	43 %	28 %	2nd	23 %	46 %	31 %	
	3rd	7 %	25 %	68 %	3rd	9 %	34 %	57 %	
		S8			S9				
		1st	2nd	3rd	1st	2nd	3rd		
	1st	59 %	37 %	4 %	1st	91 %	9 %	0 %	
	2nd	27 %	49 %	24 %	2nd	9 %	83 %	8 %	
	3rd	14 %	14 %	73 %	3rd	0 %	8 %	92 %	
		S10/S13			S11				
		1st	2nd	3rd	1st	2nd	3rd		
	1st	73 %	27 %	0 %	1st	74 %	26 %	0 %	
	2nd	26 %	52 %	21 %	2nd	23 %	59 %	19 %	
	3rd	1 %	20 %	79 %	3rd	3 %	15 %	82 %	

S14				S15			
	1st	2nd	3rd		1st	2nd	3rd
1st	74 %	25 %	1 %	1st	55 %	39 %	6 %
2nd	24 %	50 %	26 %	2nd	39 %	26 %	34 %
3rd	1 %	25 %	74 %	3rd	6 %	33 %	61 %