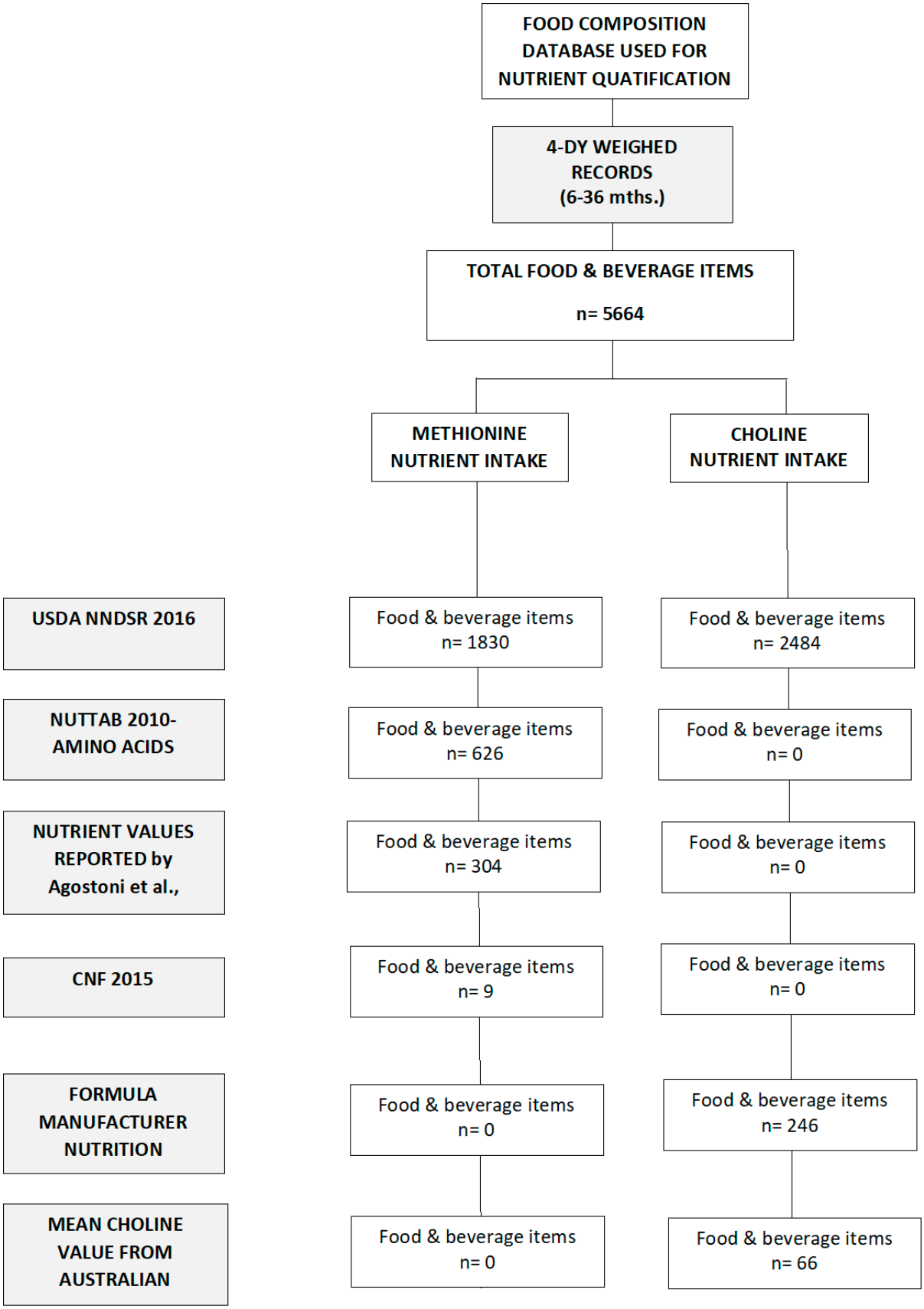

Figure S1. Food composition database used for methionine and choline quantification: 4-day weighed food records

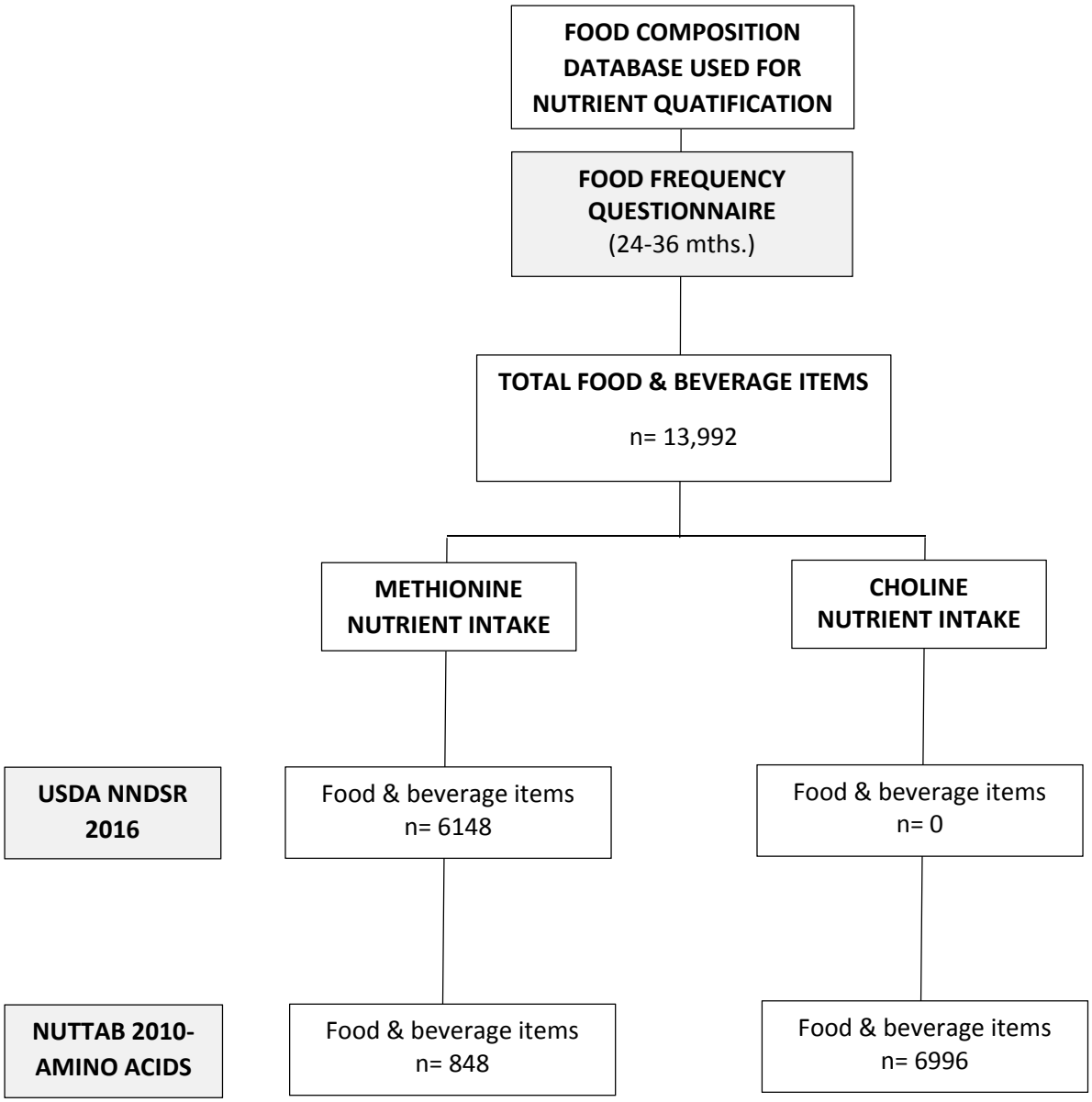

Figure S2. Food composition database used for methionine and choline quantification: food frequency questionnaires

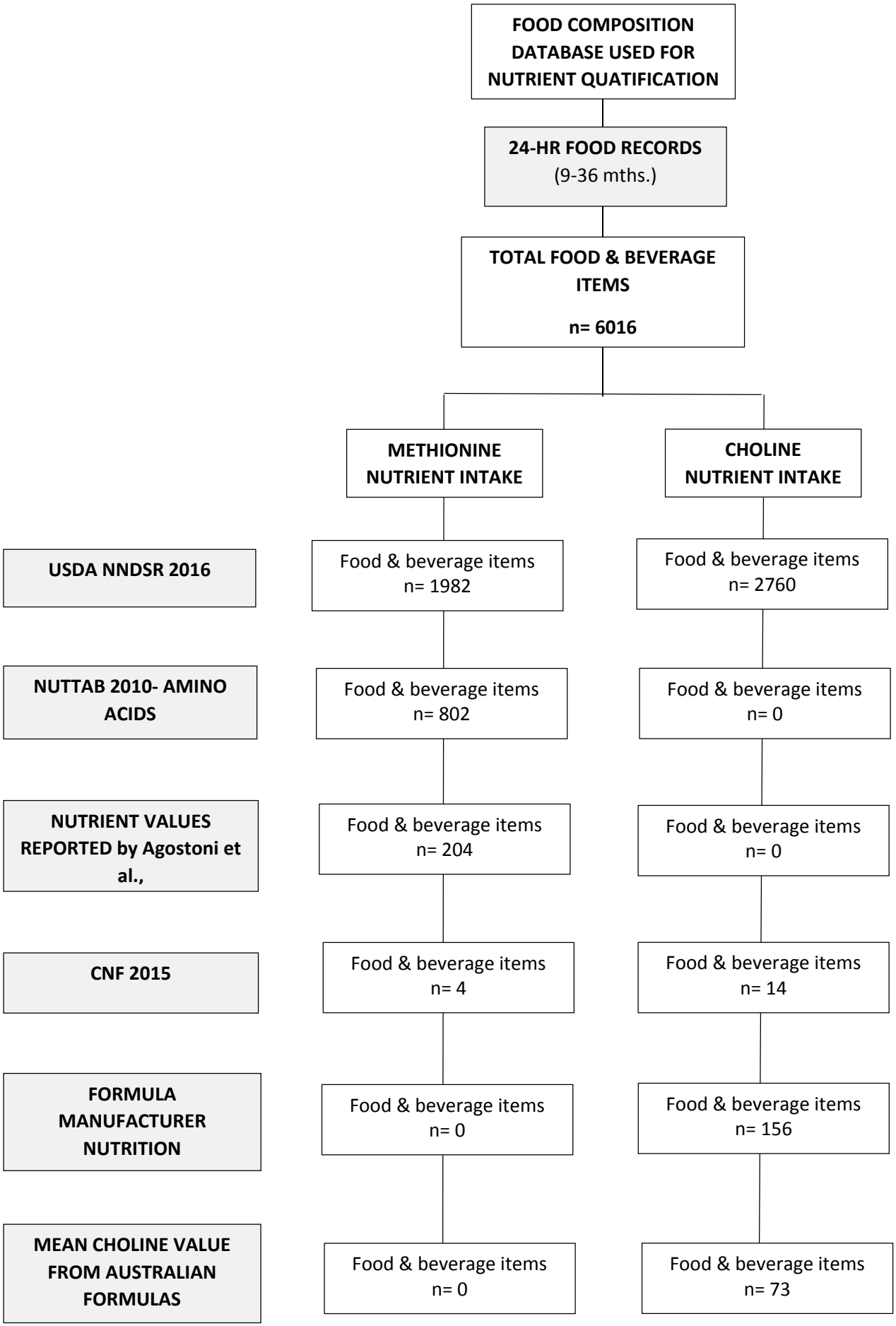

Figure S3. Food composition database used for methionine and choline quantification: 24-hour food recall

Table S1. Quintiles of nutrient intake during early childhood in the WATCH cohort

		Quintile range (minimum, maximum) at each time point (months)					
Nutrient (Total daily intake)	**QR**	**3**	**6**	**9**	**12**	**24**	**36**
Methionine, mg (Amino acid)	1	(1.6, 2.3)	(5.0, 123.0)	(3.5, 202.6)	(11.1, 384.9)	(470.7, 704.3)	(444.1, 743.1)
	2	(2.6, 156.8)	(128.0, 167.1)	(235.5, 355.0)	(387.5, 495.2)	(756.4, 1001.6)	(811.7, 974.9)
	3	(156.8, 173.3)	(174.0, 220.6)	(381.3, 458.0)	(558.9, 874.5)	(1060.7, 1165.3)	(1000.7, 1263.0)
	4	(176.4, 193.3)	(231.2, 267.8)	(462.2, 540.5)	(891.3, 1120.9)	(1219.2, 1404.7)	(1278.3, 1478.2)
	5	(195.1, 318.3)	(290.5, 726.1)	(545.6, 1259.0)	(1204.1, 2651.9)	(1404.9, 1696.2)	(1503.5, 2262.8)
Vit. B2, mg (Riboflavin)	1	(0.1, 0.2)	(0.1, 0.3)	(0.1, 0.4)	(0.2, 1.0)	(0.9, 1.4)	(0.3, 1.3)
	2	(0.2, 0.2)	(0.3, 0.3)	(0.5, 0.6)	(1.0, 1.7)	(1.4, 1.7)	(1.3, 1.7)
	3	(0.2, 0.3)	(0.3, 0.4)	(0.7, 1.1)	(1.8, 2.7)	(1.8, 2.3)	(1.8, 2.2)
	4	(0.3, 0.3)	(0.4, 0.7)	(1.2, 1.5)	(2.9, 4.1)	(2.3, 3.2)	(2.2, 3.0)
	5	(0.3, 1.4)	(0.7, 1.4)	(1.5, 4.3)	(4.1, 9.5)	(3.4, 610.4)	(3.1, 4.6)
Vit. B6, mg (Pyridoxine)	1	(0.0, 0.1)	(0.1, 0.1)	(0.1, 0.3)	(0.1, 0.5)	(0.0, 0.1)	(0.0, 0.3)
	2	(0.1, 0.1)	(0.1, 0.3)	(0.3, 0.4)	(0.5, 0.6)	(0.2, 0.4)	(0.3, 0.6)
	3	(0.1, 0.1)	(0.3, 0.4)	(0.4, 0.5)	(0.7, 0.8)	(0.4, 0.6)	(0.6, 0.7)
	4	(0.1, 0.4)	(0.4, 0.5)	(0.5, 0.6)	(0.8, 1.0)	(0.6, 0.8)	(0.7, 1.0)
	5	(0.4, 0.6)	(0.5, 0.7)	(0.6, 1.7)	(1.0, 2.1)	(0.9, 1.8)	(1.2, 2.8)
Vit. B12, µg (Cobalamin)	1	*	(0.0, 0.0)	(0.0, 0.4)	(0.0, 1.3)	(0.6, 1.7)	(0.9, 2.2)
	2	(0.0, 0.0)	(0.0, 0.1)	(0.5, 1.1)	(1.3, 2.0)	(2.0, 3.2)	(2.2, 2.8)
	3	*	(0.1, 0.6)	(1.2, 1.7)	(2.0, 2.8)	(3.5, 4.9)	(2.8, 3.6)
	4	(0.1, 1.2)	(0.6, 1.6)	(1.7, 2.2)	(3.0, 4.9)	(5.0, 7.1)	(3.7, 5.6)
	5	(1.3, 2.0)	(1.6, 2.5)	(2.4, 4.5)	(5.1, 7.8)	(7.3, 11.6)	(5.7, 16.8)
Choline, mg	1	(12.1, 88.0)	(58.4, 95.3)	(84.2, 109.0)	(80.5, 116.4)	(108.4, 142.4)	(63.0, 127.5)
	2	(88.0, 99.7)	(95.6, 116.4)	(114.7, 126.1)	(120.2, 141.5)	(147.0, 173.2)	(130.7, 168.5)
	3	(99.8, 108.8)	(117.2, 130.0)	(129.4, 138.0)	(143.6, 162.8)	(174.5, 202.2)	(182.2, 204.9)
	4	(110.5, 120.3)	(131.5, 144.2)	(139.2, 157.6)	(163.5, 198.9)	(203.1, 240.6)	(205.6, 238.1)
	5	(123.5, 175.0)	(155.5, 415.7)	(157.8, 308.7)	(199.7, 339.1)	(240.9, 440.7)	(240.3, 385.0)
Folate, µg	1	(19.9, 31.2)	(18.6, 44.7)	(27.8, 66.1)	(35.3, 109.2)	(125.3, 179.3)	(80.9, 190.7)
	2	(31.3, 35.2)	(47.4, 51.6)	(69.1, 93.0)	(111.7, 196.6)	(201.5, 222.5)	(190.7, 239.4)
	3	(35.4, 38.7)	(52.1, 65.7)	(98.5, 120.6)	(206.6, 313.0)	(228.9, 270.6)	(248.1, 345.0)
	4	(38.8, 65.0)	(69.5, 92.5)	(121.4, 209.0)	(358.7, 597.1)	(292.1, 398.7)	(362.6, 477.3)
	5	(70.4, 101.4)	(96.9, 216.0)	(211.8, 722.3)	(617.7, 1602.3)	(434.2, 812.1)	(496.9, 1367.2)

* Vitamin B12 had numerous zero values for the 3 month time period, therefore all grouped into rank value = 2

QR: quintile rank, Vit: vitamin