

Report Supplementary Material 6

Table 3. Faecal immunochemical test positivity rate at various thresholds in participants who completed 1-3 tests, by age at invite

FIT threshold (µg/g)	Test	≤ 65 years of age at invite			> 65 years of age at invite			
		Completed test ^a	Tested positive		Completed test ^a	Tested positive		
		N	n	%	N	n	%	
40	1 st	2880	145 ^b	5.0	3066	199 ^b	6.5	
	2 nd ^c	2681	113	4.2	2800	138	4.9	
	3 rd ^d	2412	92	3.8	2515	105	4.2	
	Cumulative test analysis	2 tests ^e	2826	258	9.1	2999	337	11.2
		3 tests ^f	2670	350	13.1	2852	442	15.5
	Programme analysis	2 tests ^g	2880	258	9.0	3066	337	11.0
	3 tests ^h	2880	350	12.2	3066	442	14.4	
30	1 st	2880	175	6.1	3066	241	7.9	
	2 nd ^c	2655	125	4.7	2760	174	6.3	
	3 rd ^d	2375	117	4.9	2445	124	5.1	
	Cumulative test analysis	2 tests ^e	2830	300	10.6	3001	415	13.8
		3 tests ^f	2675	417	15.6	2860	539	18.8
	Programme analysis	2 tests ^g	2880	300	10.4	3066	415	13.5
	3 tests ^h	2880	417	14.5	3066	539	17.6	
20	1 st	2880	230	8.0	3066	316	10.3	
	2 nd ^c	2604	166	6.4	2690	196	7.3	
	3 rd ^d	2292	143	6.2	2357	152	6.4	
	Cumulative test analysis	2 tests ^e	2834	396	14.0	3006	512	17.0

	test analysis	3 tests ^f	2688	539	20.1	2869	664	23.1	
	Programme	2 tests ^g	2880	396	13.8	3066	512	16.7	
	analysis	3 tests ^h	2880	539	18.7	3066	664	21.7	
10		1st	2880	365	12.7	3066	479	15.6	
		2nd ^c	2473	233	9.4	2531	258	10.2	
		3rd ^d	2109	197	9.3	2145	191	8.9	
		Cumulative	2 tests ^e	2838	598	21.1	3010	737	24.5
		test analysis	3 tests ^f	2707	795	29.4	2882	928	32.2
		Programme	2 tests ^g	2880	598	20.8	3066	737	24.0
		analysis	3 tests ^h	2880	795	27.6	3066	928	30.3

FIT, faecal immunochemical test.

- Participants were not included as invited to any subsequent tests following a FIT positive test at the specified threshold.
- Three participants are defined in the participant flow diagram (see *Figure 3*) as “FIT positive” in round 1 based on a threshold of 20 µg/g with a reading that was < 40 µg/g, as they were recruited during the pilot phase; however, in this table they only appear as tested positive based on meeting the stated thresholds.
- The round at which a participant completed their second FIT; for a particular participant this could be round 2 or round 3.
- The round at which a participant completed their third FIT; equivalent to round 3 in participants who completed FIT at both prior rounds.
- Includes participants who completed at least two rounds of FIT or who were FIT positive at round 1; participants were classed as positive if FIT was positive at either of the first two rounds at which they completed FIT.
- Includes participants who completed all three rounds of FIT or who were FIT positive at any round; participants were classed as positive if FIT was positive at any of the three rounds.
- Includes participants who completed at least one round of FIT; participants were classed as positive if FIT was positive at either of the first two rounds at which they completed FIT.
- Includes participants who completed at least one round of FIT; participants were classed as positive if FIT was positive at any of the three rounds.