

SUPPLEMENTARY MATERIALS

Supplementary table 1. Yield of colonoscopy in relation to FIT10, FIT15, FIT20, mt-sDNA and FIT10 and/or mt-sDNA result combined.

| | FIT10+ (n, %) | FIT10- (n, %) | FIT15+ (n, %) | FIT15- (n, %) | FIT20+ (n, %) | FIT20- (n,%) | Mt-sDNA + (n, %) | Mt-sDNA - (n, %) | FIT10 and/or mt- sDNA + (n, %) | FIT10 and/or mt- sDNA - (n, %) |
|------------------|------------------|------------------|------------------|--------------------------|------------------|-----------------|---------------------|---------------------|-----------------------------------|-----------------------------------|
| Any polyp | | | | | | | | | | |
| Present | 9 (17.3%) | 43 (82.7%) | 7 (13.5%) | 45 (86.5%) | 6 (11.5%) | 46 (88.5%) | 28 (50.0%) | 28 (50.0%) | 22 (50.0%) | 22 (50.0%) |
| Not present | 3 (14.3%) | 18 (85.7%) | 3 (14.3%) | 18 (85.7%) | 2 (9.5%) | 19 (90.5%) | 5 (19.2%) | 21 (80.8%) | 7 (33.3%) | 14 (66.7%) |
| AA | | | | | | | | | | |
| Present | 4 (30.8%) | 9 (69.2%) | 4 (30.8%) | 9 (69.2%) | 3 (25.1%) | 10 (76.9%) | 7 (58.3%) | 6 (46.2%) | 6 (50.0%) | 6 (50.0%) |
| Not Present | 8 (13.3%) | 52 (86.7%) | 6 (10.0%) | 54 (90.0%) | 5 (8.3%) | 55 (91.7%) | 26 (37.7%) | 43 (62.3%) | 23 (43.4%) | 30 (56.6%) |
| ASL | | | | | | | | | | |
| Present | 3 (42.9%) | 4 (57.1%) | 2 (28.6%) | 5 (71.4%) | 2 (28.6%) | 5 (71.4%) | 9 (90.0%) | 1 (10.0%) | 7 (100%) | 0 (0%) |
| Not present | 9 (13.6%) | 57 (86.4%) | 8 (12.1%) | 58 (87.9%) | 6 (9.1%) | 60 (90.9%) | 24 (33.3%) | 48 (66.7%) | 58 (37.9%) | 36 (62.1%) |
| AN | | | | | | | | | | |
| Present | 7 (36.8%) | 12 (63.2%) | 6 (31.6%) | 13 (68.4%) 50 (92.6%) | 5 (26.3%) 3 | 14 (73.7%) | 15 (68.2%) | 7 (31.8%) | 12 (66.7%) | 6 (33.6%) |
| Not present | 5 (9.3%) | 49 (90.7%) | 4 (7.4%) | | 5 (5.6%) | 51 (94.4%) | 18 (30.0%) | 42 (70.0%) | 17 (36.2%) | 30 (63.8%) |

Any polyp = non-advanced and advanced adenoma and serrated polyp; AA = advanced adenoma; ASL = advanced serrated polyp; AN = advanced neoplasia; FIT10 (≥ 10 μ g Hb/g faeces); FIT15 (≥ 15 μ g Hb/g faeces); FIT20 (≥ 20 μ g Hb/g faeces).