|                        | Number of  | Sensitivity % | Specificity % | PPV %       | NPV %       |
|------------------------|------------|---------------|---------------|-------------|-------------|
|                        | cohort (%) | (95% CI)      | (95% CI)      | (95% CI)    | (95% CI)    |
| Investigations         |            |               |               |             |             |
|                        |            | 90.9          | 33.6          | 8.9         | 98.1        |
| FIT ≥10 µgHb/g         |            | (62.3-99.5)   | (26.6-41.3)   | (4.9-15.5)  | (90.1-99.9) |
| FIT >60 µgHb/g         | 166 (39)   | 54.6          | 74.2          | 13.0        | 95.8        |
|                        |            | (23.0-78.7)   | (66.8-80.2)   | (6.1-25.7)  | (90.6-98.2) |
| FIT > 100 µgHb/g       |            | 54.6          | 78.7          | 15.4        | 96.1        |
|                        |            | (28-78.7)     | (71.6-84.4)   | (7.2-29.7)  | (91.1-98.3) |
| CT scan                | 158 (37.3) | 100           | 84.7          | 38.9        | 100         |
|                        |            | (78.5-100)    | (78.0-89.7)   | (24.8-55.1) | (97.0-100)  |
| СІВН                   | 223 (52.7) | 47.8          | 47.0          | 4.9         | 94.0        |
|                        |            | (29.2-67.0)   | (42.2-51.9)   | (2.8-8.6)   | (89.8-96.5) |
| IDA                    | 125 (29.6) | 39.1          | 71            | 7.2         | 95.3        |
|                        |            | (22.2-59.2)   | (66.4-75.2)   | (3.8-13.2)  | (92.3-97.2) |
| Rectal bleeding        | 130 (30.7) | 47.8          | 70.3          | 8.5         | 95.9        |
|                        |            | (29.2-67)     | (65.6-74.5)   | (4.8-14.5)  | (93-97.6)   |
| Abdominal pain         | 123 (29.1) | 34.8          | 71.3          | 6.5         | 95.0        |
|                        |            | (18.8-55.1)   | (66.6-75.5)   | (3.3-12.3)  | (91.9-97.0) |
| Weight loss            | 82 (19.2)  | 34.8          | 81.5          | 9.8         | 95.6        |
|                        |            | (18.8-55.1)   | (77.4-85)     | (5-18.1)    | (92.9-97.3) |
| Combination of         |            |               |               |             |             |
| symptoms               |            |               |               |             |             |
| Rectal bleeding + IDA  | 16 (3.8)   | 8.7           | 96.5          | 12.5        | 94.8        |
|                        |            | (1.5-26.8)    | (94.2-97.9)   | (2.2-36.0)  | (92.2-96.6) |
| Rectal bleeding +      | 41 (9.7)   | 26.1          | 91.3          | 14.6        | 95.6        |
| abdominal pain         |            | (12.6-46.5)   | (88.1-93.5)   | (6.9-28.4)  | (93 – 97.2) |
| Rectal bleeding +      | 21 (5.0)   | 17.4          | 95.8          | 19.1        | 95.3        |
| weight loss            |            | (7.0-37.1)    | (93.3-97.3)   | (7.7-40.0)  | (92.7-97.0) |
| Rectal bleeding + CIBH | 63 (14.9)  | 26.1          | 85.8          | 9.5         | 95.3        |
|                        |            | (12.6-46.5)   | (82.0-88.9)   | (4.4-19.3)  | (92.6-97.0) |
| IDA + abdominal pain   | 9 (2.1)    | 8.7           | 98.3          | 22.2        | 94.9        |
|                        |            | (1.5-26.8)    | (96.4-99.2)   | (3.9-54.7)  | (92.4-96.7) |
| IDA + weight loss      | 12 (2.8)   | 8.7           | 97.8          | 18.2        | 95.0        |
|                        |            | (1.5-26.8)    | (95.8-98.8)   | (3.2-47.7)  | (92.3-96.6) |
| IDA + CIBH             | 22 (5.2)   | 8.7           | 95.0          | 9.1         | 94.8        |
|                        |            | (1.5-26.8)    | (92.4-96.7)   | (1.6-27.8)  | (92.1-96.6) |

**Supplemental table 2** - Value of investigations and symptoms for patients in diagnosing CRC in those who had a LGI endoscopy (\*a positive CT scan included both features highly suggestive of CRC as well as non specific abnormalities such as bowel wall thickening)