Title: Colonoscopy and polypectomy: Beside age, size of polyps main factor for long-term risk of colorectal cancer in a screening population

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**Supplementary Material**

**Table 1:** Overview of the person yrs at risk and age-adjusted outcome parameters according to sex for the incidental CRC cases within the study cohort and the comparison population from the MCR.

|                | Person yrs at risk | ASR<sub>Screening</sub> | 95% CI | ASR<sub>MCR</sub> | 95% CI | SIR | 95% CI |
|----------------|-------------------|------------------------|--------|-------------------|--------|-----|--------|
| **Total (n=10 889)** |                   |                        |        |                   |        |     |        |
| **All ages**    |                   |                        |        |                   |        |     |        |
| Male            | 65 573            | 24.1                   | 15.3 – 33.0 | 73.4              | 72.2 – 74.6 | 0.33 | 0.27 – 0.40 |
| Female          | 85 141            | 14.8                   | 10.1 – 19.6 | 45.2              | 44.3 – 46.0 | 0.33 | 0.28 – 0.39 |
| **Age > 50 yrs**|                   |                        |        |                   |        |     |        |
| Male            | 61 373            | 69.0                   | 43.3 – 94.7 | 208.4             | 204.9 – 211.8 | 0.33 | 0.27 – 0.40 |
| Female          | 79 394            | 43.4                   | 29.4 – 57.5 | 124.1             | 121.8 – 126.5 | 0.35 | 0.29 – 0.42 |

ASR, Age-standardized-rate, MCR, Munich Cancer Registry, SIR, Standardized incidence ratio, TASR, Truncated Age-Standardized-rate, TSIR, Truncated standardized incidence ratio.

**Table 2: List of participating gastroenterologists**

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