











-  **01. COLORECTAL CANCER SCREENING**
-  **02. PARTICIPATION**
-  **03. RISK OF COLORECTAL CANCER**
-  **04. INTERVENTIONS**

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COLORECTAL CANCER SCREENING

# Colorectal cancer

The diagram illustrates the progression of colorectal cancer through five stages, represented by polyps of increasing size and complexity. The first stage is a small, flat polyp. The second is a slightly larger, raised polyp. The third is a larger, more complex polyp with a white center. The fourth is a large, cauliflower-like polyp. The fifth is a large, invasive tumor with a white center, shown breaking through the mucosal layer.

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COLORECTAL CANCER SCREENING

## Colorectal cancer screening

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COLORECTAL CANCER SCREENING

## Dutch screening program

```

    graph TD
      A[55 - 75 years] --> B[Invitation]
      B --> C{ }
      C -- "Positive  
≥47 µg Hb/g" --> D[Colonoscopy]
      C -- Negative --> E[2 years]
      E --> B
      D -- Positive --> F[Treatment or surveillance]
      D -- Negative --> G[10 years]
      G --> B
  
```

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See: Toes-Zoutendijk et al. 2017

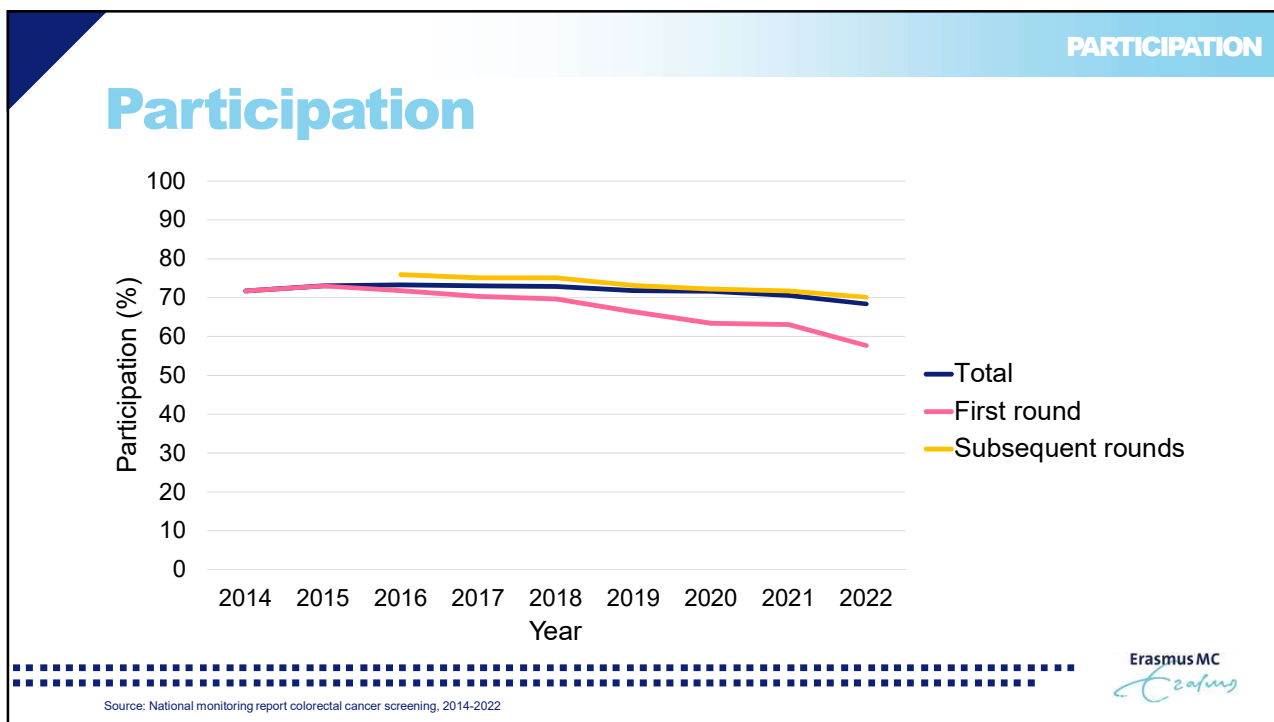
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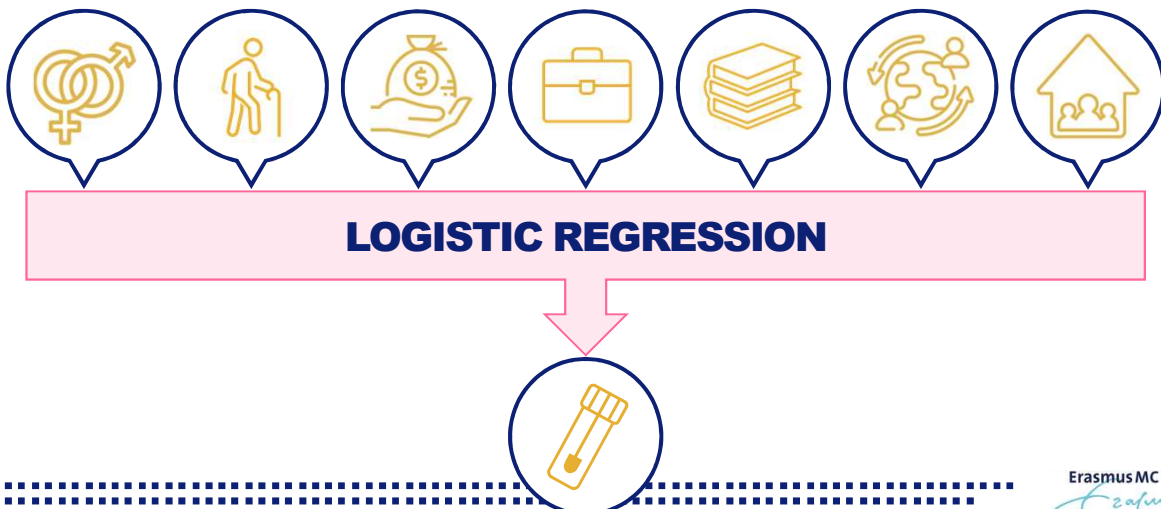


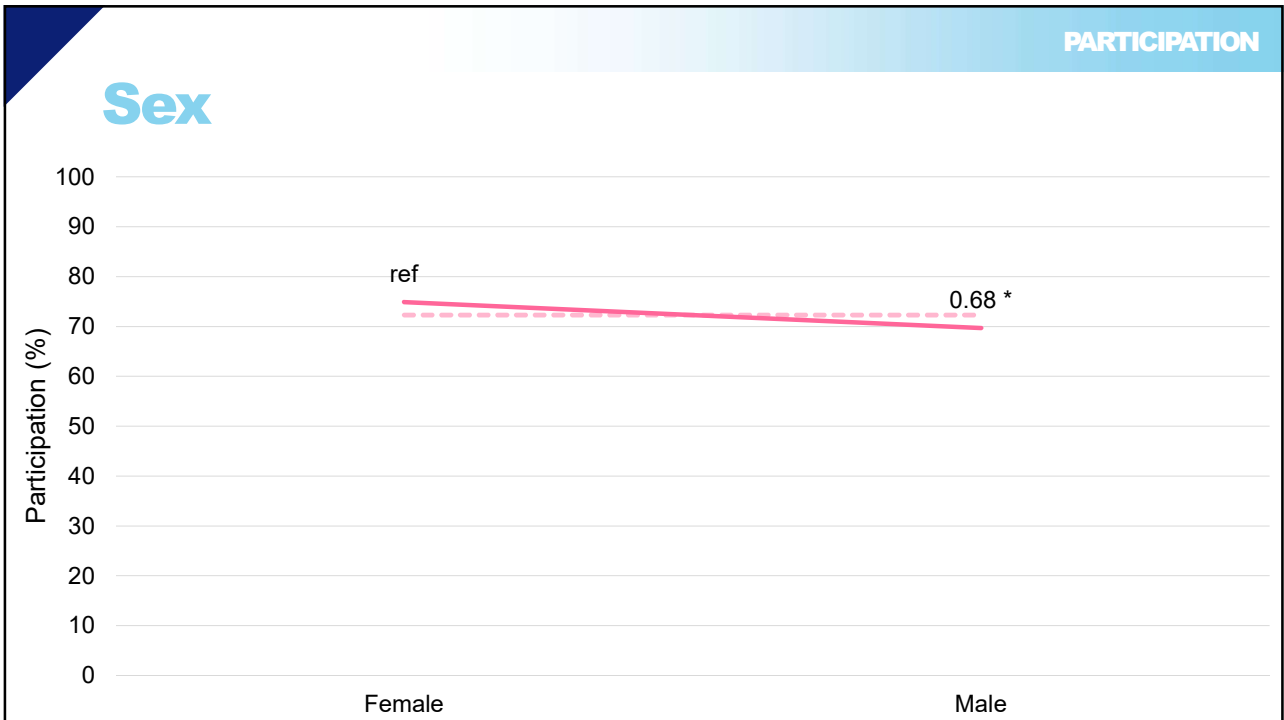
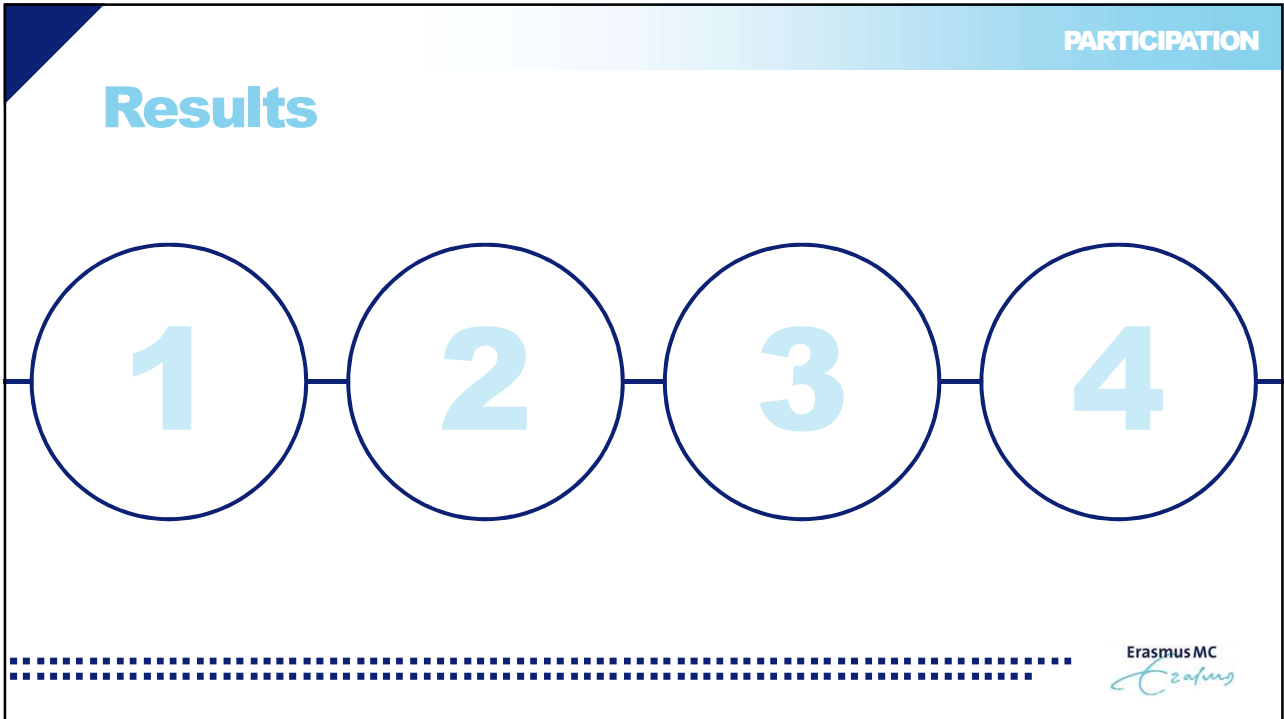


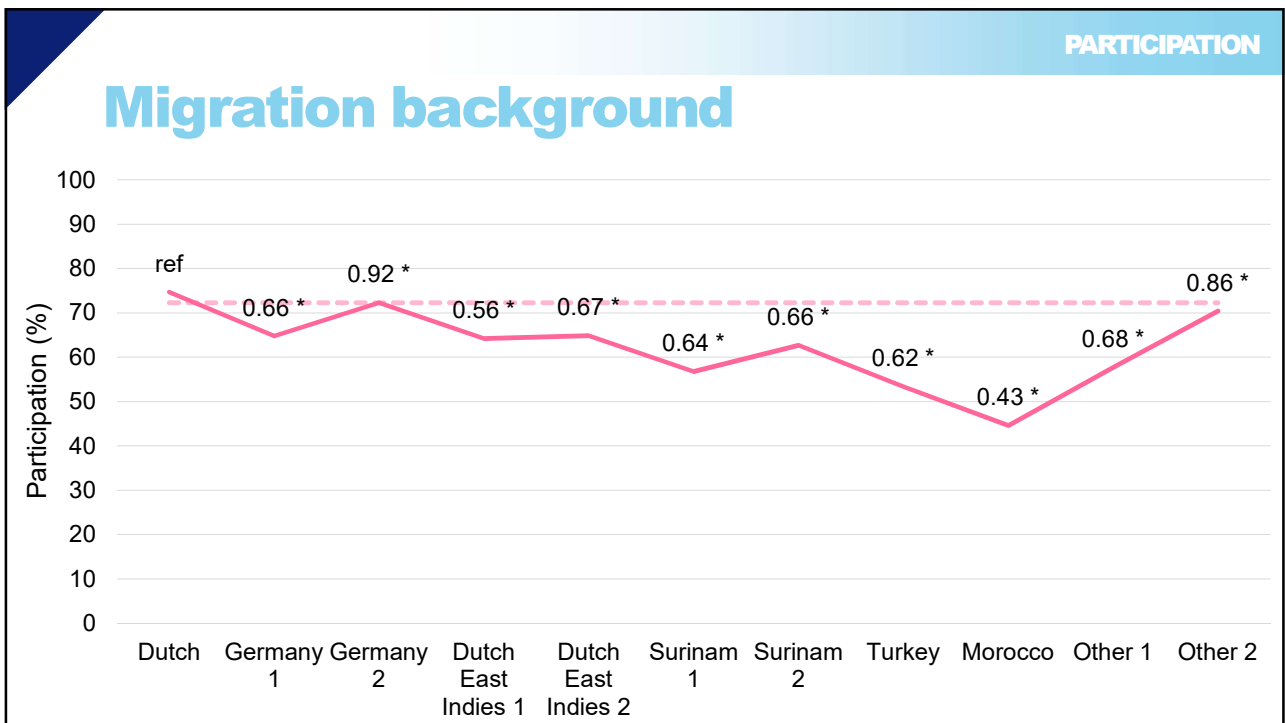
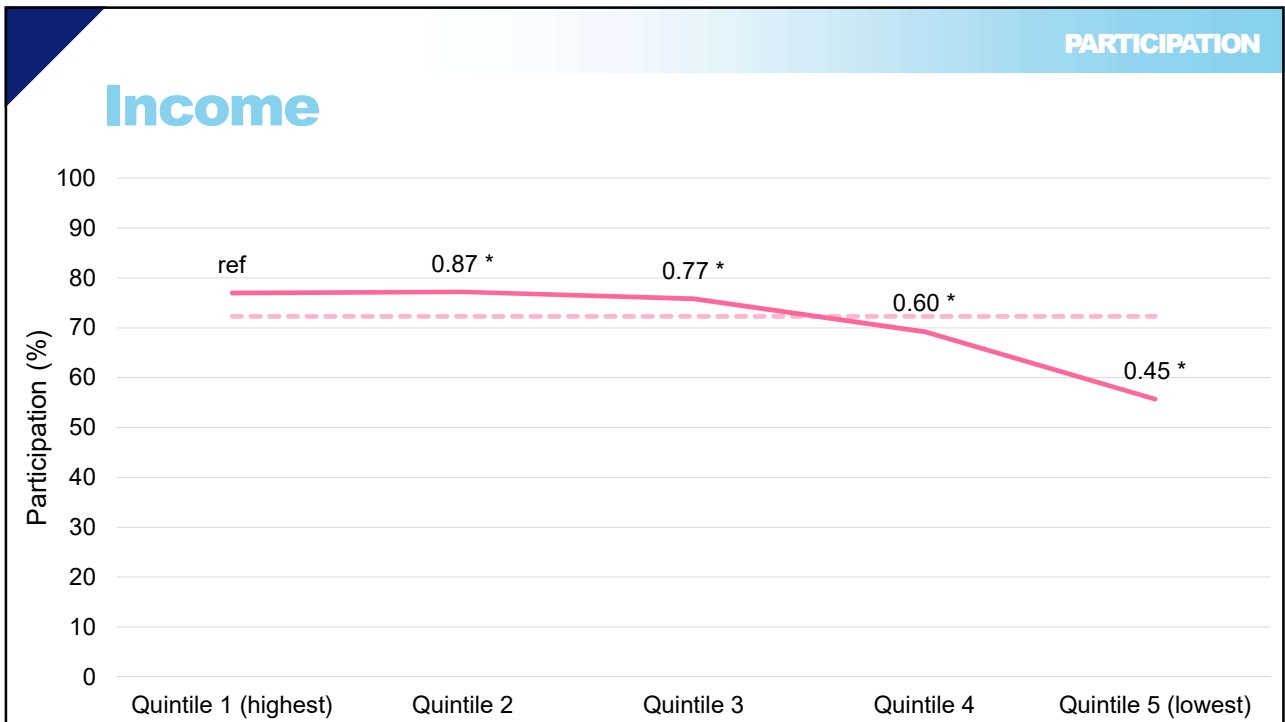
What are individual-level  
**demographic differences between  
 participants and non-participants**  
 in the Dutch colorectal cancer  
 screening program?

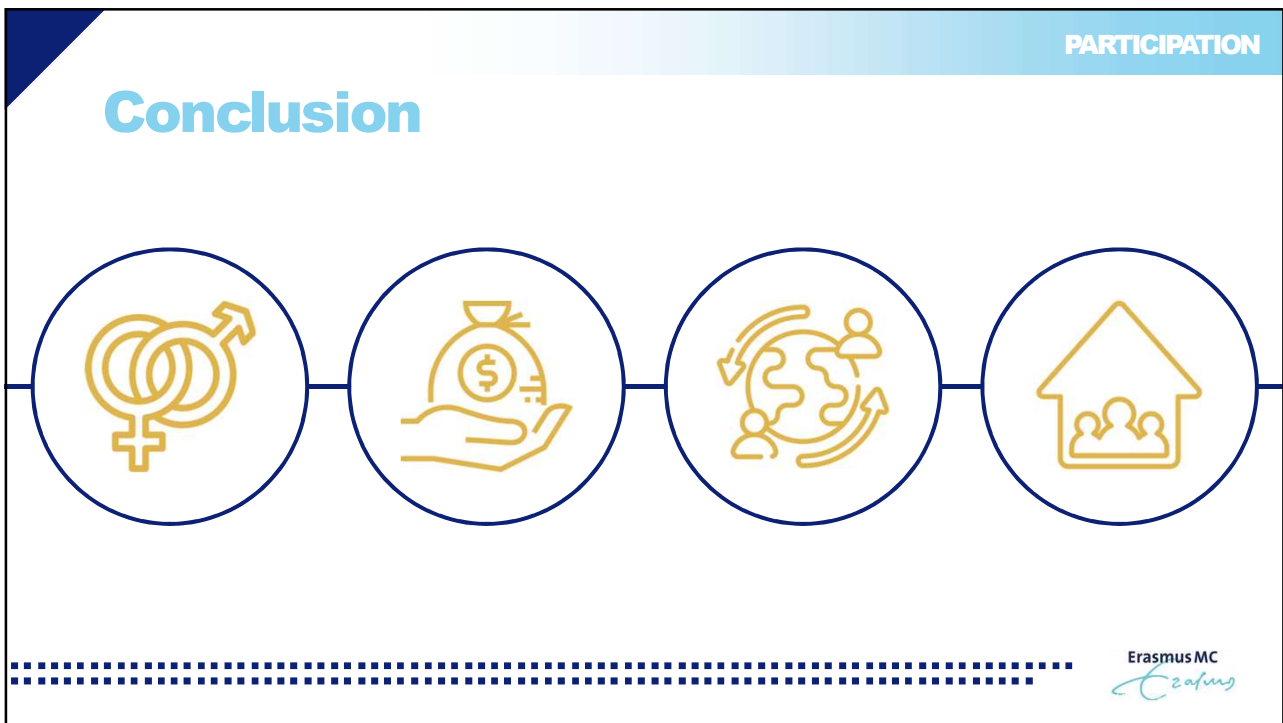
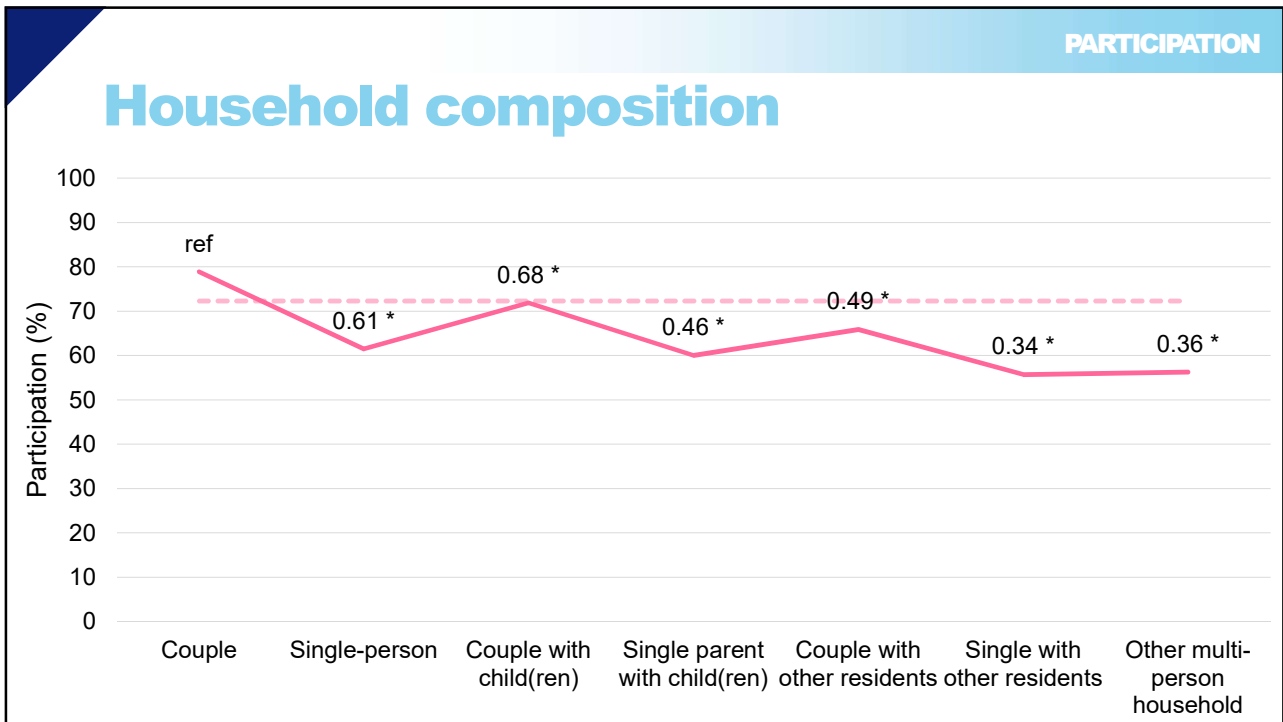
Source: Van de Schootbrugge-Vandermeer et al, 2023

## Methodology

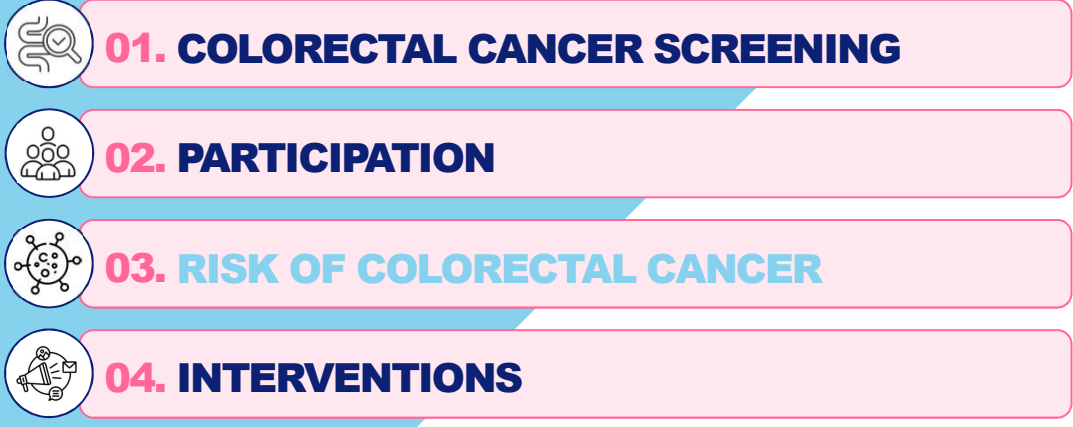



















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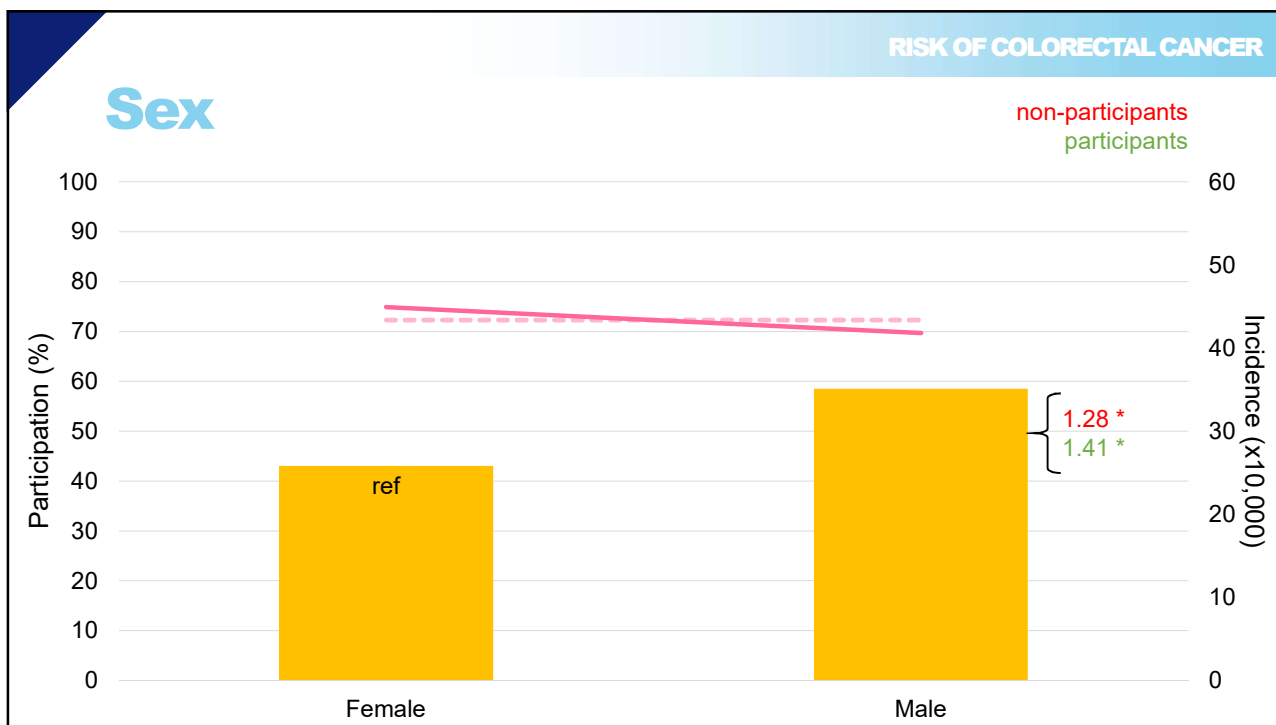
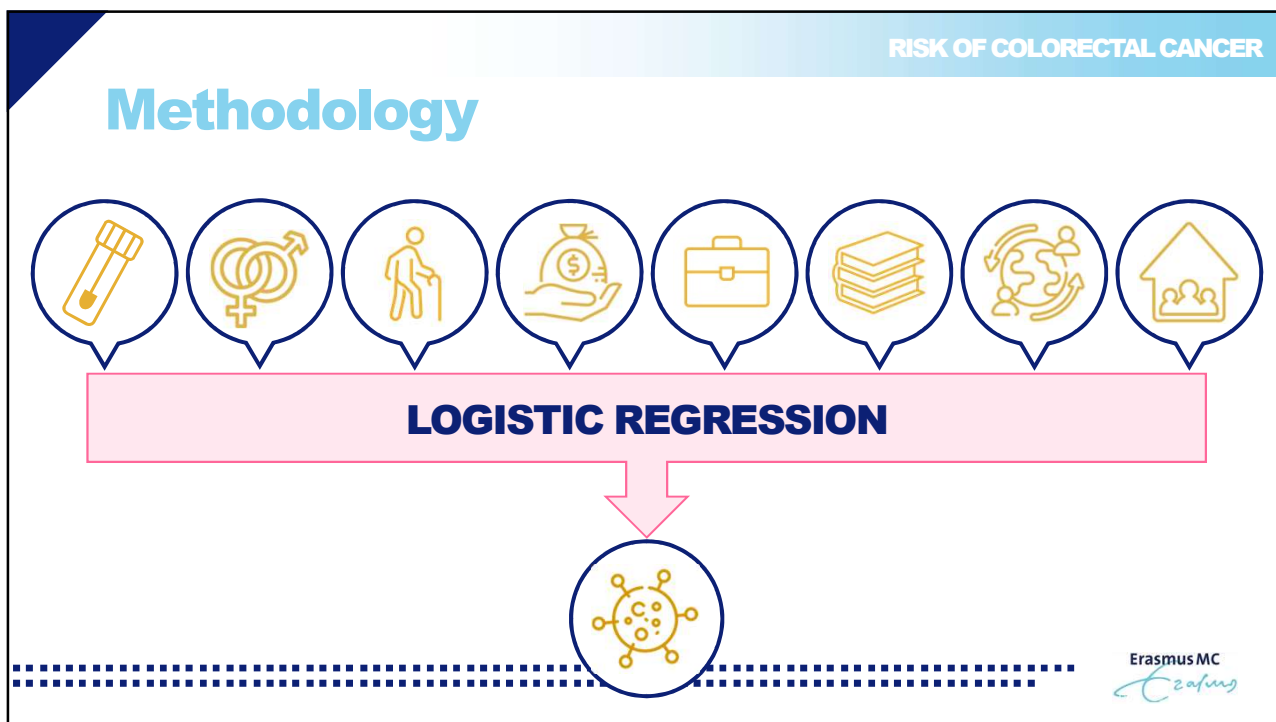
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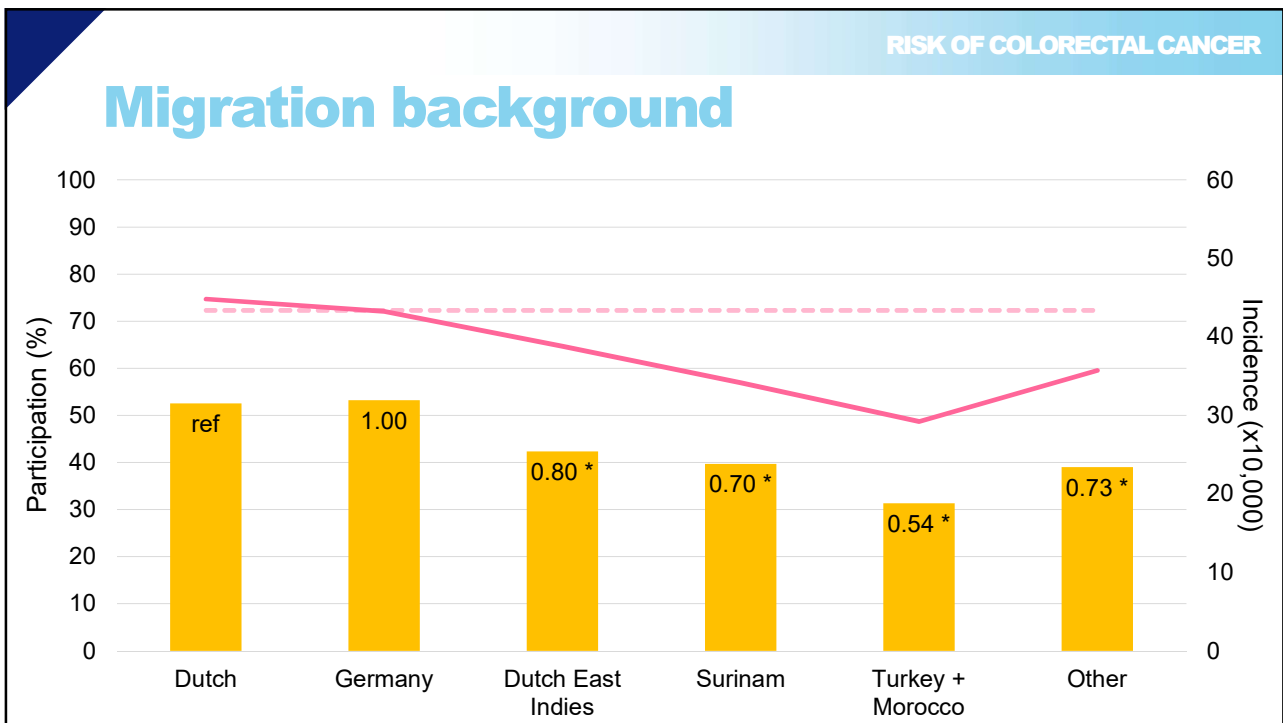
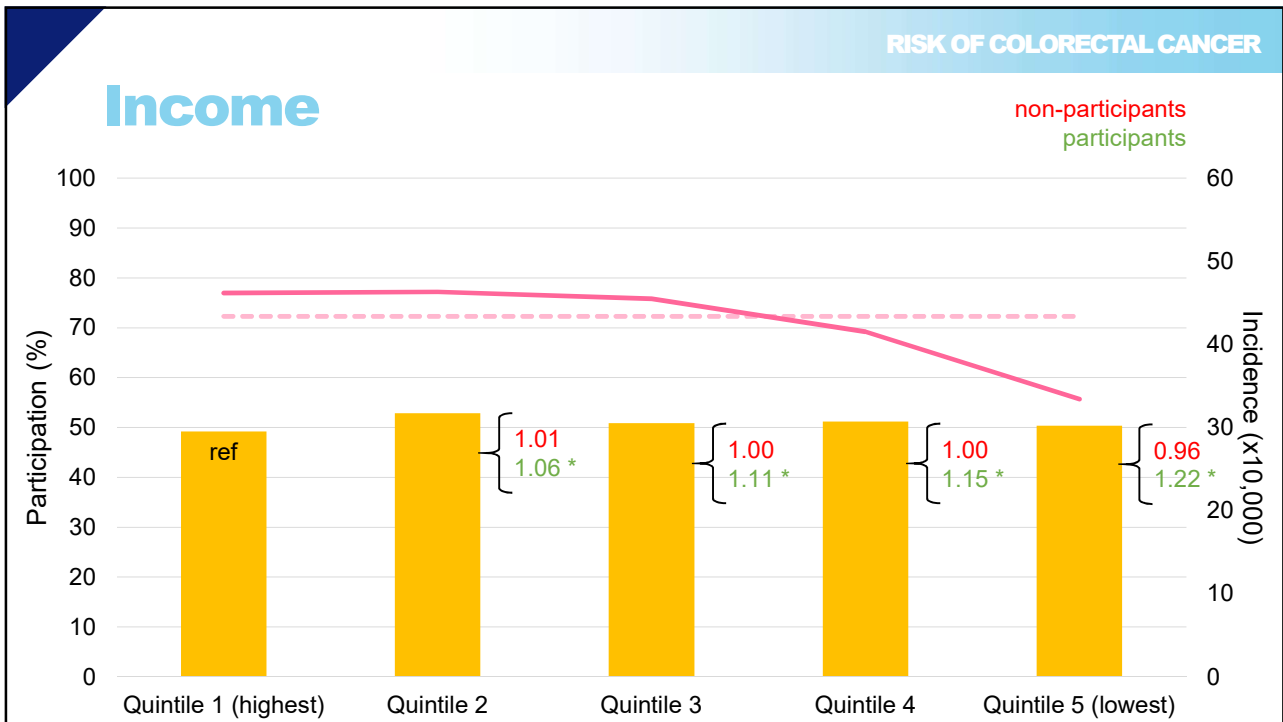
**RISK OF COLORECTAL CANCER**

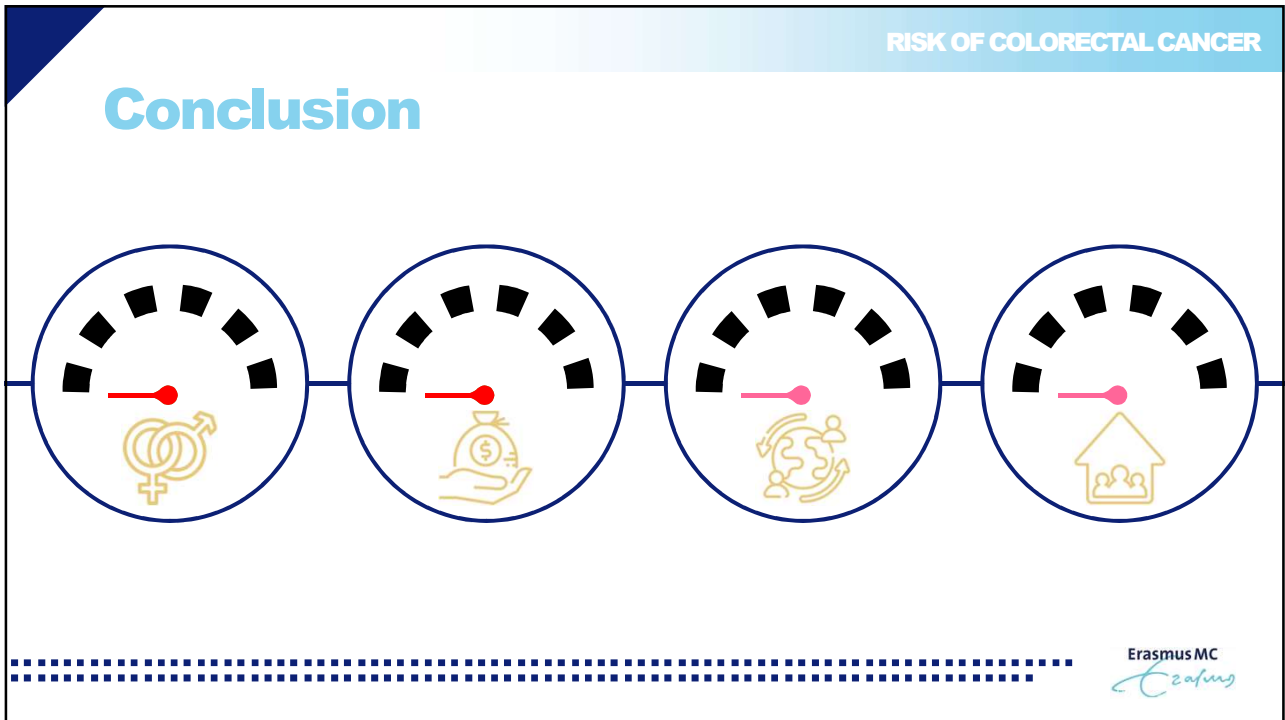
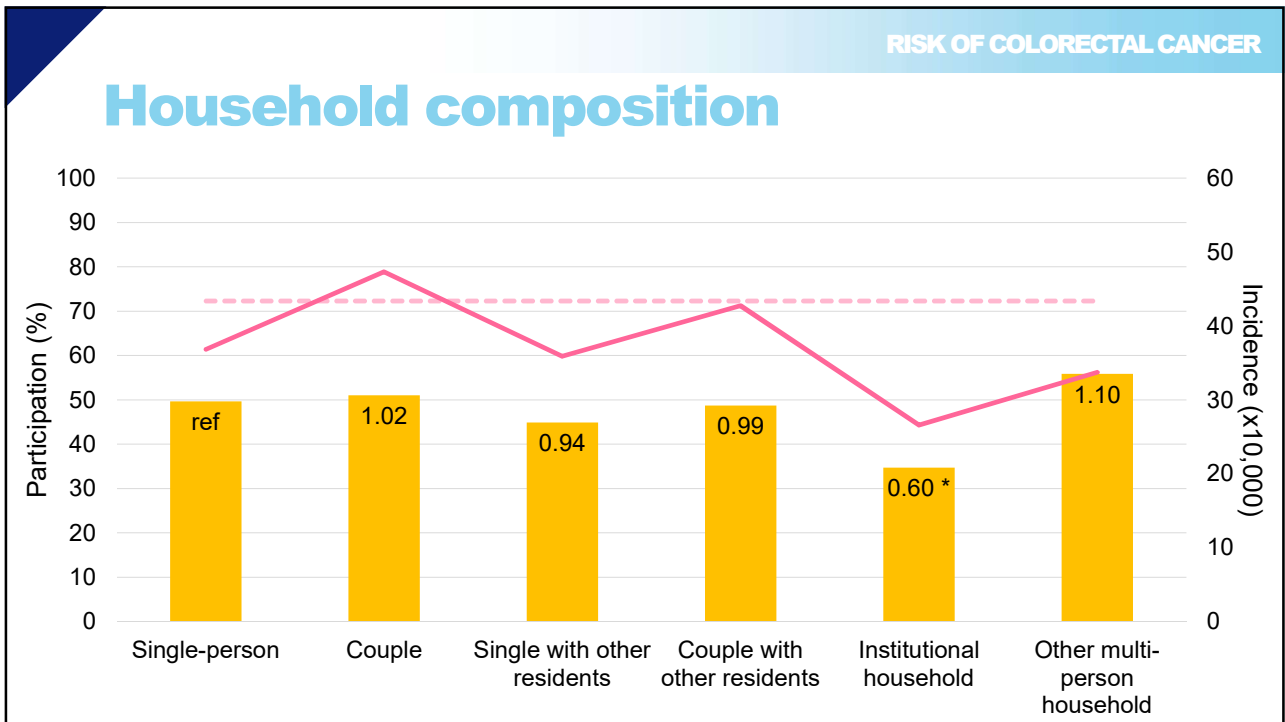

  
 What is the **risk of colorectal cancer**  
 within the socio-demographic subgroups  
 with the lowest participation rates in the  
 Dutch colorectal cancer screening program?

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Manuscript in preparation







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**INTERVENTIONS**

## Reaching out to males

	<b>Adjusted invitation letters</b> Clarke, 2015; Van Roon, 2011; Larsen, 2022; Zajac, 2016
	<b>Telephone call</b> Selva, 2019
	<b>Mobile application</b> Teo, 2017
	<b>Economic incentive</b> Mehta, 2017; Mehta, 2021; Gupta, 2016; Kullgren, 2014
	<b>Media campaigns</b>

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