

Identifying best practices for care-dependent elderly by Benchmarking Costs and outcomes of Community Care

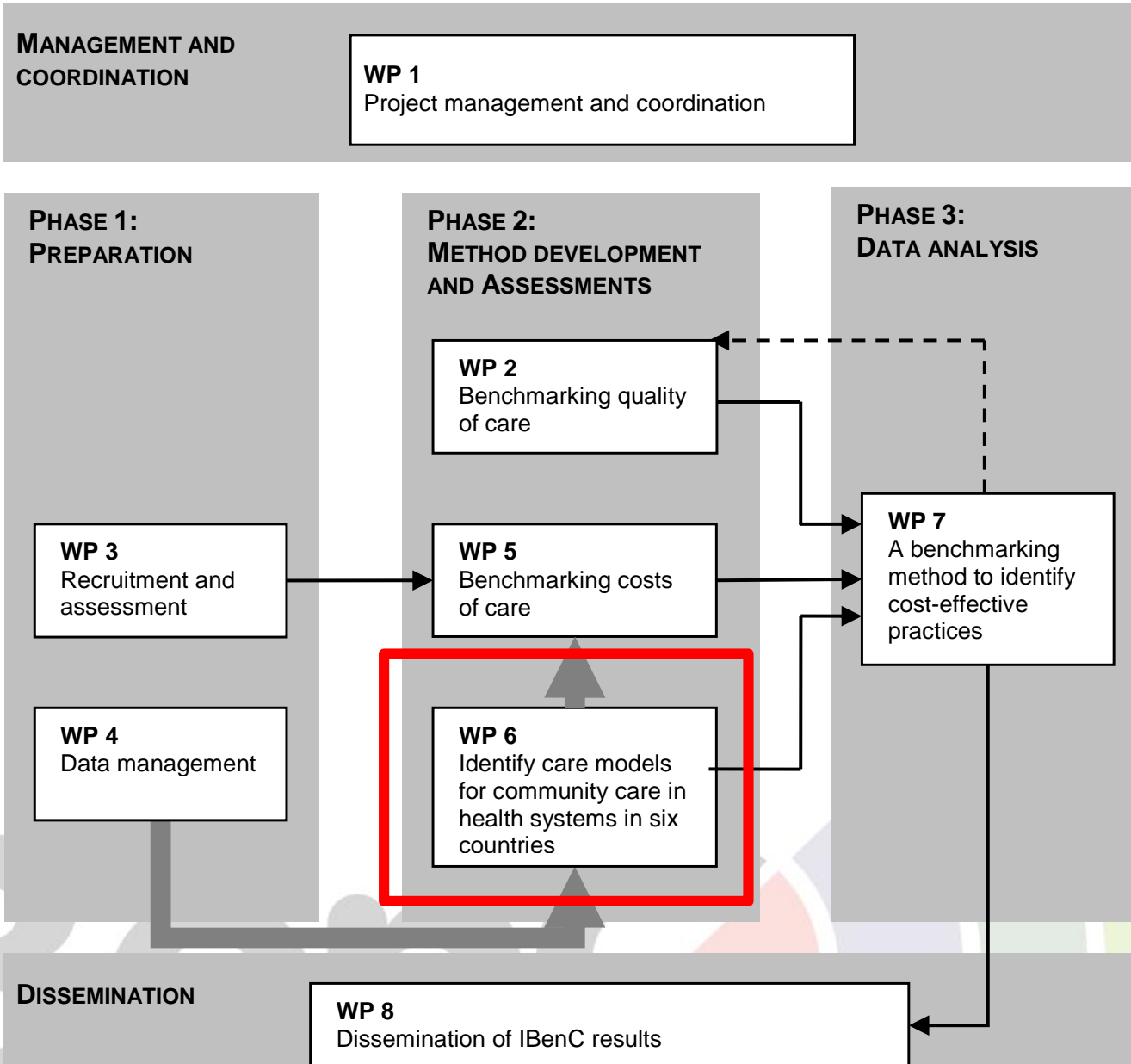


Can we characterise organisations in community care?

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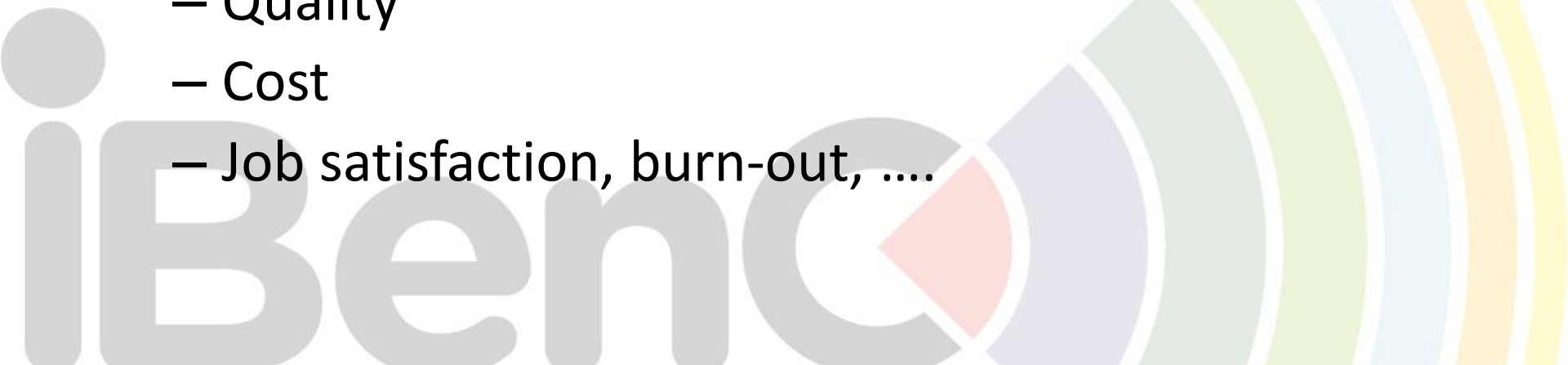


Structure and outline



Goal of WP 6

- To identify care models, based upon:
 - Characteristics of policy
 - Characteristics of organisations
- And later these care models can be linked with:
 - Quality
 - Cost
 - Job satisfaction, burn-out,



Design

Review
Van Eenoo et al, 2015

MACRO

Social context

MESO

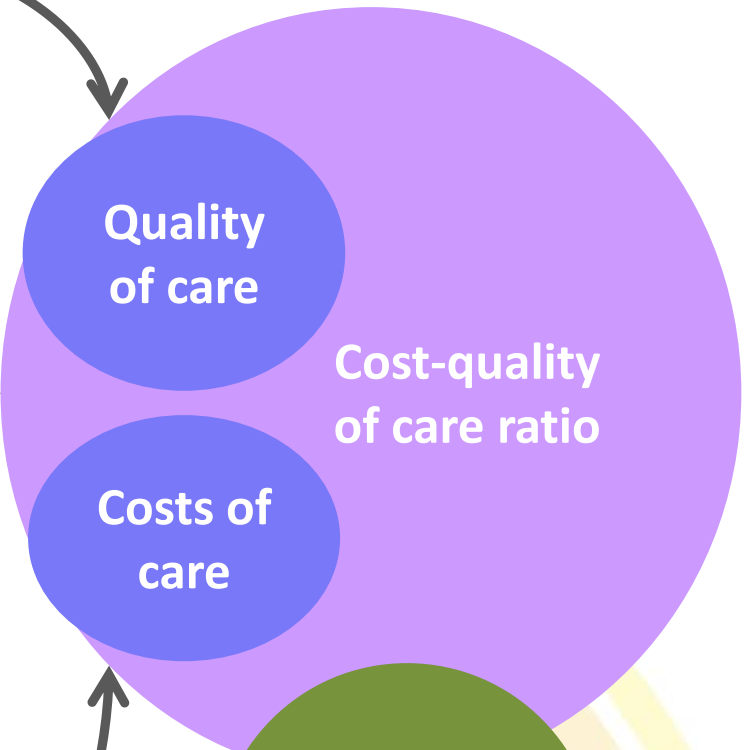
Organizations

MICRO

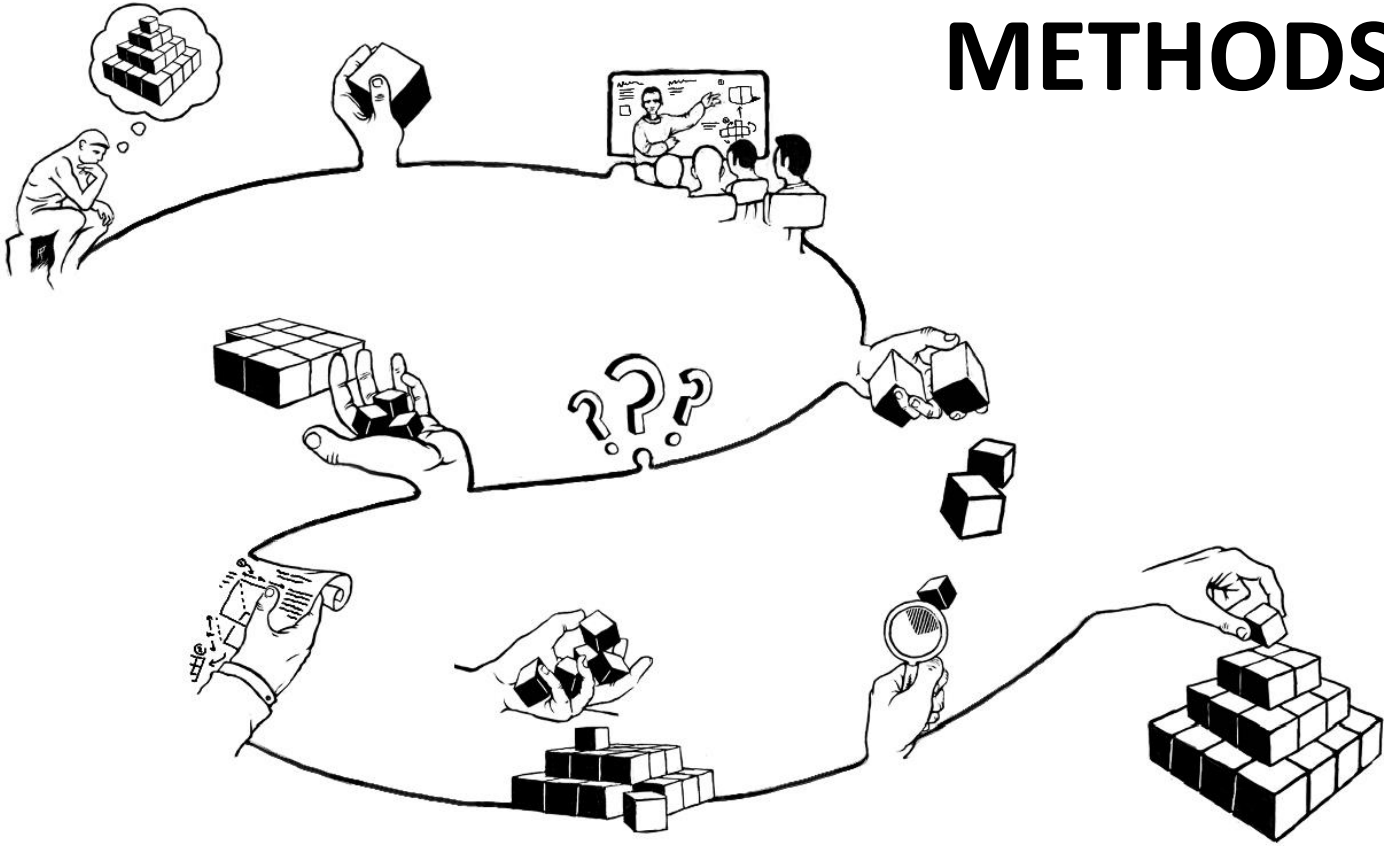
Staff

Online questionnaire
Processes

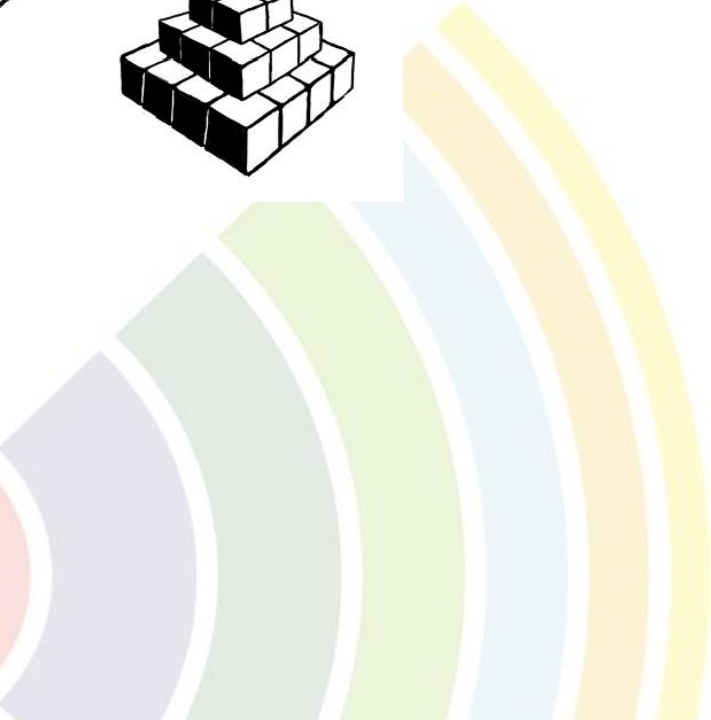
- Demographics
- Personal characteristics
- Job characteristics



METHODS

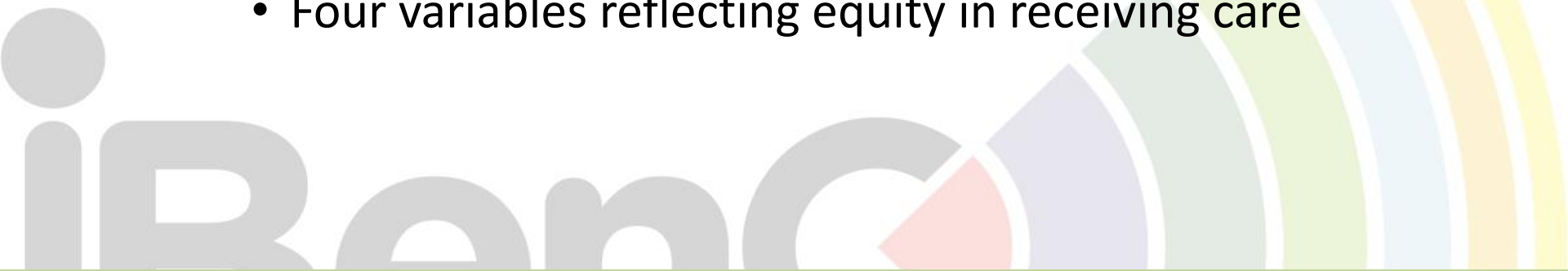


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Methods: Data collection

- Societal context
 - Literature review* → 9 variables
 - Population density
 - Old age dependency ratio
 - Governmental expenditures on care
 - Amount of informal care support
 - Needs assessment for nursing care
 - Four variables reflecting equity in receiving care



Methods: Data collection

- Community care organisation
 - 1 manager per organisation filled out a questionnaire*
 - 54 dichotomous variables
 - Structure (n=14)
 - Care coordination (n=29)
 - Meetings (n=5)
 - Accountability (n=6)

1 = True for the organisation

0 = Not true for the organisation or missing data

Response rate

- Response rate 95 %

RESPONSE	IT	NL	BE	IC	FI	GE	Total
Included organisations (n)	2	3	18	1	3	11	38
Organisations that filled out questionnaire (n)	2	3	18	1	3	9	36



Methods: Analyses

1. Principal Component Analysis (PCA) with varimax rotation

- Model with macro variables was not sufficiently reliable (KMO < 0,60)
- Model with variables at the meso level only

2. Hierarchical cluster analysis

- Components scores per organisation

3. Characterising community care models

- Variables per component and per cluster





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Results: PCA

- Rotated component matrix
 - 15 variables
 - 3 rotated components
 - These explain 75,4% of the total variance



Results: PCA

Rotated Component Matrix a

	Component		
	1	2	3
Policy to involve family actively	,888		
Client file digital available	,873		
Careplanning after geriatric assessment			
Client file in organisation AND at clients home			
Policy to discuss care plan with client / family	,758		
GP involved by the geriatric assessment	,589		,562
Care professionals specialised in dementia care		,853	
Care professionals specialised in palliative care			
Care professionals specialised in other care			
Specialised care professionals			
Care professionals on call		,660	
Organise internal team organisation meetings two up to six monthly			,974
Organisation measures QOC			
Organisation measures client satisfaction with a standardised form			
Organisation measures QOC with a standardised form			,113

'Patient-centered care delivery'

'Availability of specialised care professionals'

'Monitoring of care performance'

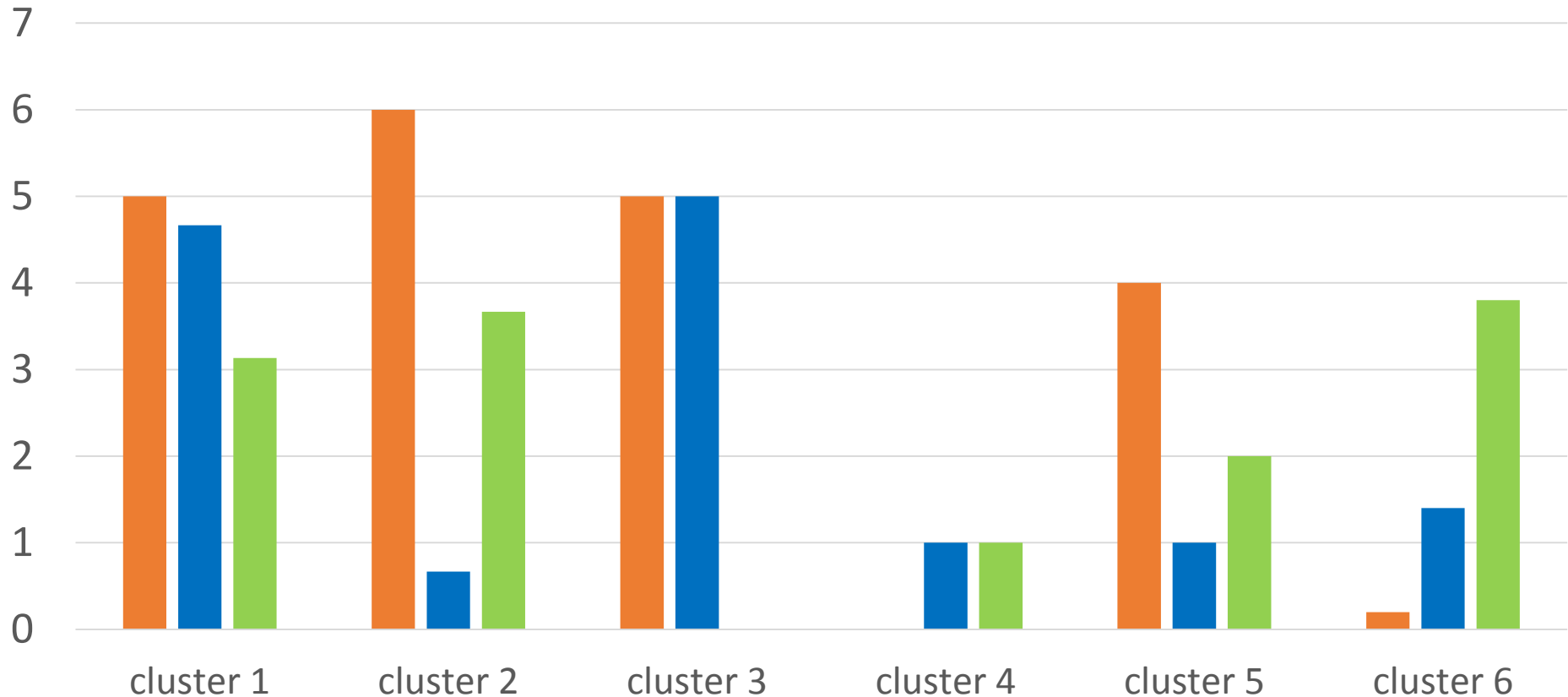
Results: Hierarchical cluster analysis

- Resulted into six clusters

	IT	NL	BE	IC	FI	GE	Total
Cluster 1	2	1	9	1	2		15
Cluster 2		2			1		3
Cluster 3			6				6
Cluster 4			1				1
Cluster 5			1				1
Cluster 6			1			9	10

Results: Characterising care models

Mean number of principal components per factor and per cluster



Factor 1 - Patient-centered care delivery (max score = 6)

Factor 2 - Availability of specialised care professionals (max score = 5)

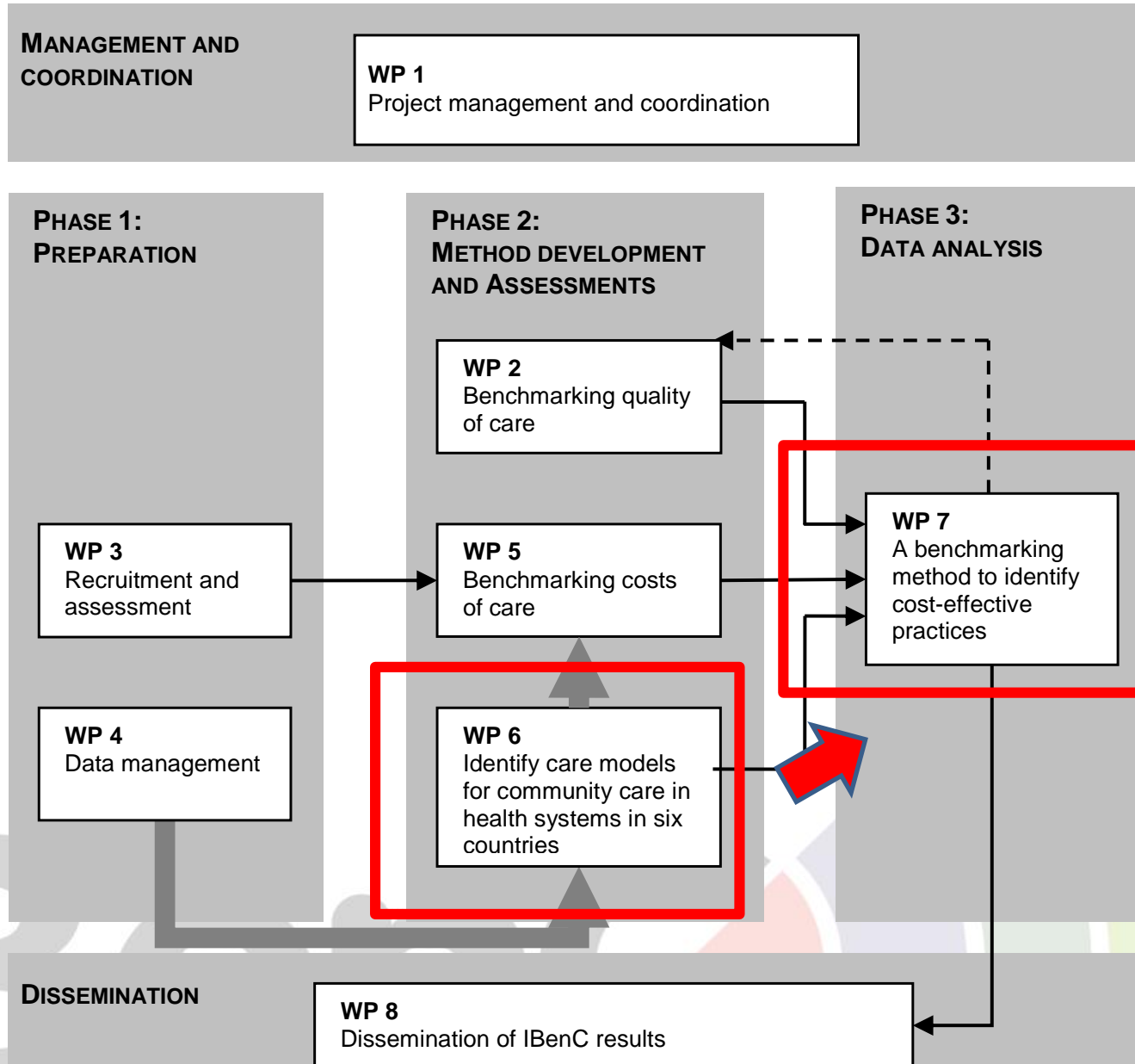
Factor 3 - Monitoring of care performance (max score = 4)

Further analyses

- Excluding clusters 4 and 5 because of small numbers
- Now link these models with quality, cost and job characteristics



Structure and outline





TAKE HOME MESSAGE

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Can we identify care home models?



The image features two tall, slightly irregular stacks of chocolate bars. The bars are of various shades of brown, from light milk chocolate to dark chocolate. They are stacked on a reflective, metallic surface, likely aluminum foil, which creates bright highlights and soft shadows. The background is a warm, out-of-focus orange-brown color. The text "Thank you!" is centered over the stacks in a clean, white, sans-serif font.

Thank you!