

Figure S1: The six (6) Northern states SCIDaR provides RI strengthening support [43]

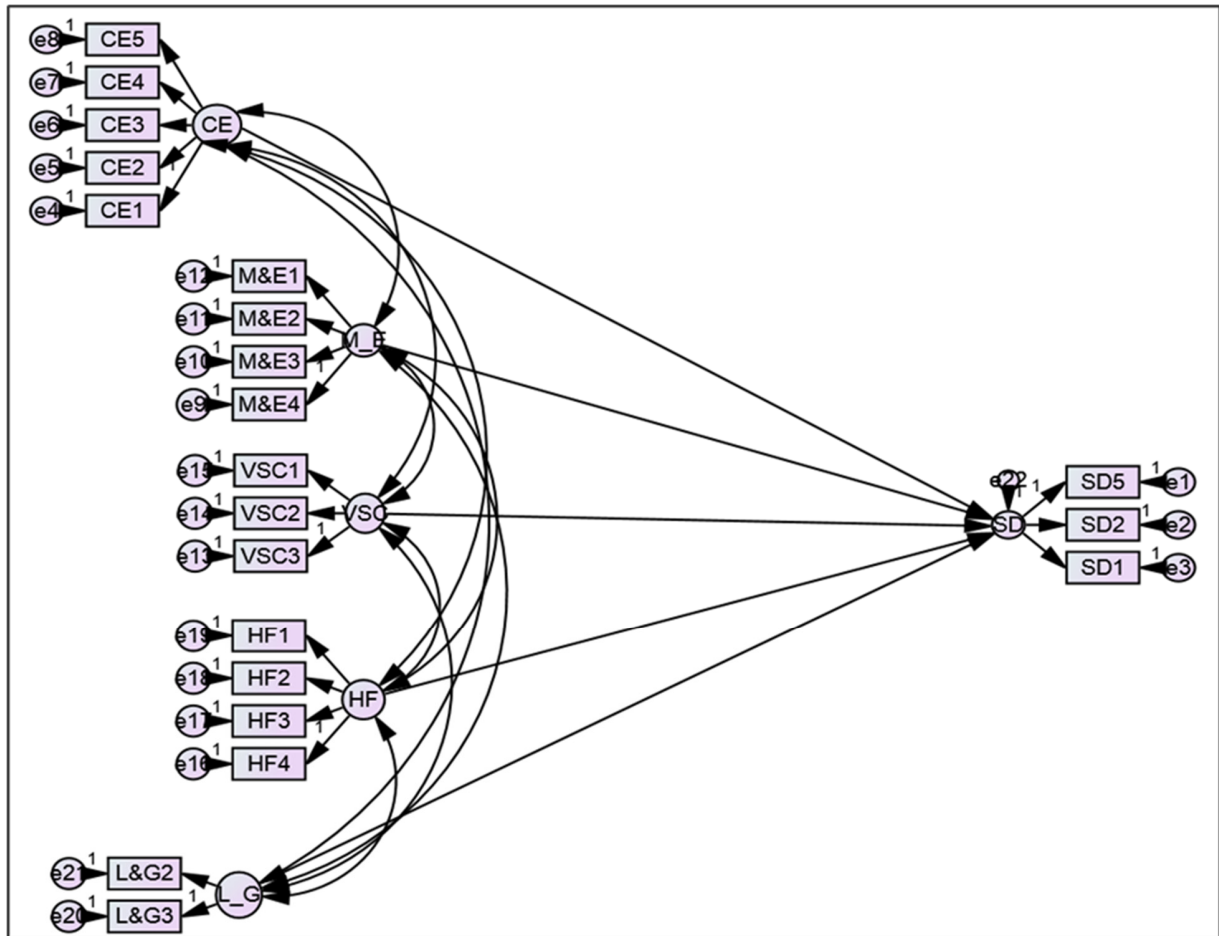


Figure S2: The study model/framework using SEM designed path analysis [Hypothesis $H_{2.1}$ - $H_{6.1}$]

Table S1: Questionnaire guide for survey

Level	Focus	Participants	Interview method
State	<ul style="list-style-type: none"> • The perceived effect of COVID-19 on SPHCMB operations and its routine activities • Impact of the pandemic on the availability of resources and personnel to implement program activities • The effect on the delivery of essential PHC services across health facilities and LGAs • Possible strategies to encourage personnel to continue program implementation throughout the pandemic 	HCH, ES SPHCMB, Directors, PMs and program officers (2 program officers and directors)	KII
LGA	<ul style="list-style-type: none"> • The effect of COVID-19 on LGA operations and its routine activities • The effect on the delivery of essential PHC services across health facilities in LGAs • The effect of the pandemic on resource availability for PHC services in the LGA 	LGHA team (2 respondents per LGA)	KII
Health facility	<ul style="list-style-type: none"> • The general perspective of community dwellers and health workers on PHC services during the pandemic • Essential needs of the service providers that will enable continuity of service provision 	Service providers, health facility in-charges (2 service providers per HF)	KII
Settlements	<ul style="list-style-type: none"> • The general perspective of community dwellers on health facility visits during the pandemic • Possible strategies to motivate community members to access essential services during the pandemic 	Traditional leaders, VCMs and caregivers (2 caregivers per settlement/facility)	KII

Table S2: Kaiser-Meyer-Olkin and Bartlett's Test

KMO Measure of Sampling Adequacy.		0.951
Bartlett's Test of Sphericity	Approx. Chi-Square	5841.294
	df	276
	Sig.	<0.001

Table S3: Initial Eigenvalues and Rotation Sums of Squared Loadings

Comp	Initial Eigenvalues			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	13.551	56.462	56.462	6.794	28.306	28.306
2	1.767	7.362	63.824	4.776	19.899	48.205
3	1.185	4.938	68.762	3.483	14.513	62.718
4	1.053	4.388	73.150	2.504	10.432	73.150
5	0.890	3.707	76.857			
6	0.634	2.641	79.498			
7	0.596	2.485	81.983			

Note: Comp=Component

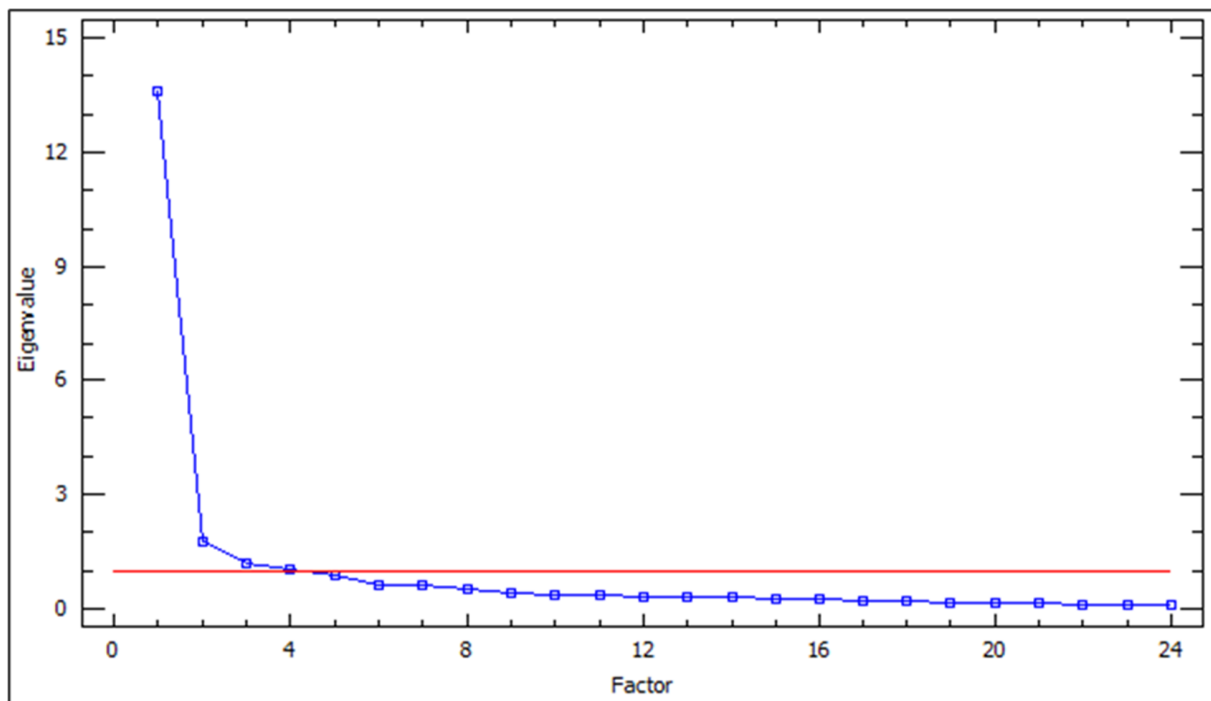


Figure S3: Components with factor loadings matrix

Table S4: Initial Eigenvalues and Rotation Sums of Squared Loadings

Indicators	C1	Cronbach's α	C2	Cronbach's α	C3	Cronbach's α	C4	Cronbach's α
SD1	0.537	0.728						
SD2	0.678							
SD3	0.199							
SD4	0.495							
SD5	0.643							
CE1	0.680							
CE2	0.692							
CE3	0.766							
CE4	0.728							
CE5	0.767							
M&E1	0.719							
M&E2	0.659							
M&E3	0.691							
M&E4	0.661							
VSC1					0.575	0.742		
VSC2					0.543			
VSC3					0.607			
HF1			0.787	0.861				
HF2			0.835					
HF3			0.860					
HF4			0.784					
L&G1							0.487	0.892
L&G2							0.814	
L&G3							0.837	

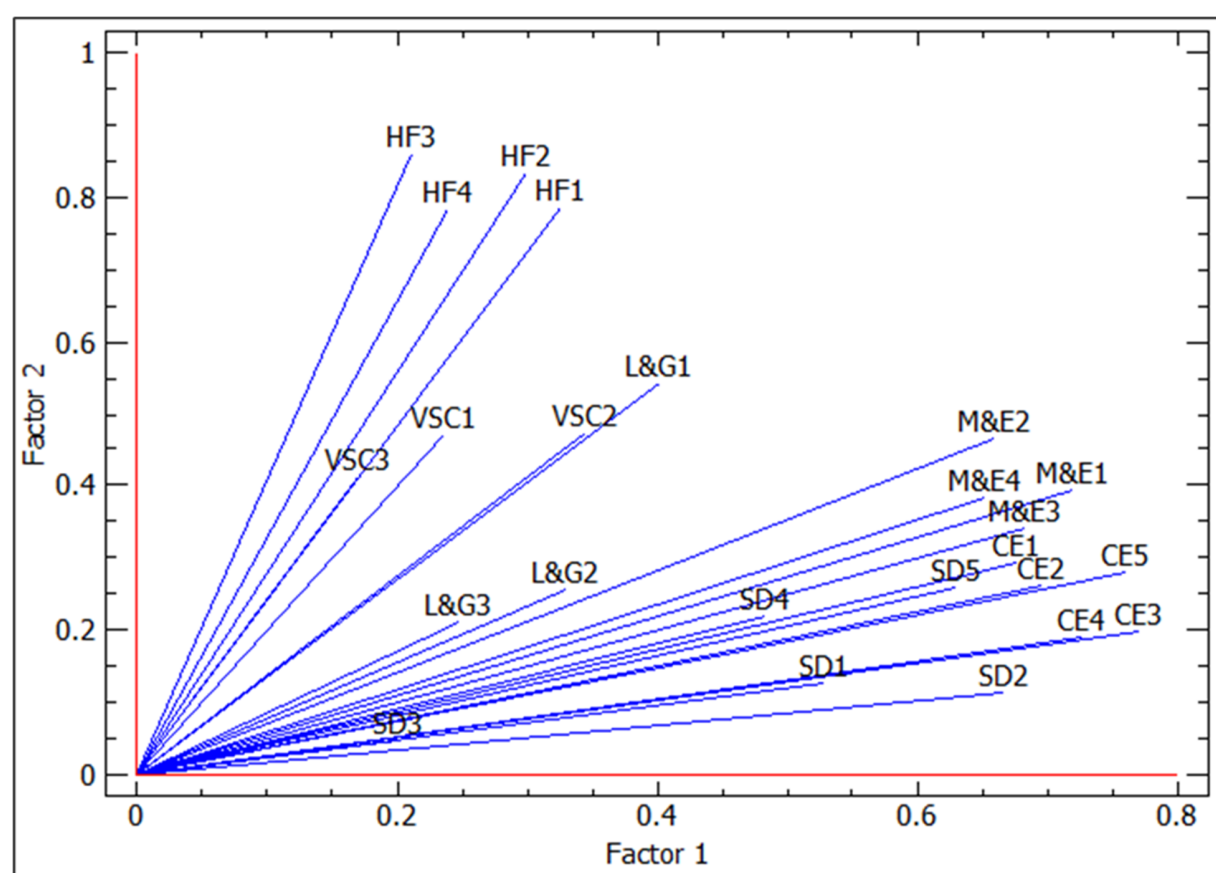


Figure S4: Factor loading in components