Application Sign test:

Did you acquire and apply these CanMEDS roles in undergraduate medical training?

(Likert scale: 1=fully acquired, 2=somewhat acquired, 3=neutral, 4=mostly not acquired, 5=not acquired at all)

versus

Have you acquired and applied these CanMEDS roles as a peer-student tutor in the Skills and Simulation Centre?

(Likert scale: 1=fully acquired, 2=somewhat acquired, 3=neutral, 4=mostly not acquired, 5=not acquired at all)

Medical Expert

Descriptive statistics

	N	25.	50. (median)	75.
			percentile	
Simulation Centre.Medical.Expert	14	1,00	2,00	2,25
undergraduate medical education.Medical.Expert	14	2,00	2,00	2,00

Frequencies

		N
Simulation Centre.Medical.Expert - undergraduate medical education.Medical.Expert	negative differences [a]	2
	positive differences [b]	4
	bindings [c]	8
	total	14

a. undergraduate medical education.Medical.Expert < Simulation Centre.Medical.Expert

b. undergraduate medical education.Medical.Expert > Simulation Centre.Medical.Expert

c. undergraduate medical education.Medical.Expert = Simulation Centre.Medical.Expert

Statistics for test [a]

	undergraduate medical education.Medical.Expert - Simulation Centre.Medical.Expert
exact significance (2-sided)	,688 [b]

a. Sign-Test

b. Binomial distribution used.

Communicator

Descriptive statistics

	N	25.	percentile 50. (median)	75.
Simulation Centre.Communicator	14	1,00	1,00	2,00
undergraduate medical education.Communicator	14	2,75	3,00	4,00

Frequencies

		N
undergraduate medical education.Communicator – Simulation Centre.Communicator	negative differences [a]	0
	positive differences[b]	12
	bindings[c]	2
	total	14

a. undergraduate medical education.Communicator < Simulation Centre.Communicator

b. undergraduate medical education.Communicator > Simulation Centre.Communicator

c. undergraduate medical education.Communicator = Simulation Centre.Communicator

Statistics for test [a]

	undergraduate medical education.Communicator – Simulation Centre.Communicator
exact significance (2-sided)	,000[b]

a. Sign-Test

b. Binomial distribution used.

Collaborator

Descriptive statistics

	N	25.	percentile 50. (median)	75.
Simulation Centre.Collaborator	14	1,00	1,00	1,25
undergraduate medical education.Collaborator	14	2,75	4,00	4,25

Frequencies

		N
undergraduate medical education.Collaborator - Simulation Centre.Collaborator	negative differences[a]	0
	positive differences[b]	13
	bindings[c]	1
	Gesamt	14

a. undergraduate medical education.Collaborator < Simulation Centre.Collaborator

b. undergraduate medical education.Collaborator > Simulation Centre.Collaborator

c. undergraduate medical education.Collaborator = Simulation Centre.Collaborator

Statistics for test [a]

	undergraduate medical education.Collaborator - Simulation Centre.Collaborator
exact significance (2-sided)	,000[b]

a. Sign-Test

b. Binomial distribution used.

Health Advocate

Descriptive statistics

			percentile	
			50.	
	N	25.	(median)	75.
Simulation Centre.Health.Advacate	14	3,00	3,50	4,00
undergraduate medical education.Health.Advocate	13	3,00	3,00	4,00

Frequencies

		N
undergraduate medical education.Health.Advocate - Simulation Centre.Health.Advacate	negative differences[a]	7
	positive differences[b]	3
	bindings[c]	3
	total	13

a. undergraduate medical education.Health.Advocate < Simulation Centre.Health.Advacate

b. undergraduate medical education.Health.Advocate > Simulation Centre.Health.Advacate

c. undergraduate medical education.Health.Advocate = Simulation Centre.Health.Advacate

Statistics for test [a]

	undergraduate medical education.Health.Advocate - Simulation Centre.Health.Advacate
exact significance (2-sided)	,344[b]

a. Sign-Test

b. Binomial distribution used.

Manager

Descriptive statistics

	N	percentile		
		25.	50. (median)	75.
Simulation Centre.Manager	14	1,00	2,00	2,50
undergraduate medical education.Manager	14	2,75	4,00	4,25

Frequencies

		N
undergraduate medical education.Manager - Simulation Centre.Manager	negative differences[a]	1
	positive differences[b]	11
	bindings[c]	2
	total	14

a. undergraduate medical education.Manager < Simulation Centre.Manager

b. undergraduate medical education.Manager > Simulation Centre.Manager

c. undergraduate medical education.Manager = Simulation Centre.Manager

Statistics for test [a]

	undergraduate medical education.Manager - Simulation Centre.Manager
exact significance (2-sided)	,006[b]

a. Sign-Test

b. Binomial distribution used.

Professional

Descriptive statistics

	N	pencentile		
		25.	50. (median)	75.
Simulation Centre.Professional	14	1,00	2,00	3,00
undergraduate medical education.Professional	14	2,00	3,00	3,25

Frequencies

		N
undergraduate medical education.Professional - Simulation Centre.Professional	negative differences[a]	1
	positive differences[b]	9
	bindings[c]	4
	total	14

a. undergraduate medical education.Professional < Simulation Centre.Professional

b. undergraduate medical education.Professional > Simulation Centre.Professional

c. undergraduate medical education.Professional = Simulation Centre.Professional

Statistics for test [a]

	undergraduate medical education.Professional - Simulation Centre.Professional
exact significance (2-sided)	,021[b]

a. Sign-Test

b. Binomial distribution used.

Scholar

Descriptive statistics

	N	percentile		
		25.	50. (median)	75.
Simulation Centre.Scholar	14	1,00	2,00	3,00
undergraduate medical education.Scholar	14	2,00	2,50	3,25

Frequencies

		N
undergraduate medical education.Scholar - Simulation Centre.Scholar	negative differences[a]	4
	positive differences[b]	7
	bindings[c]	3
	total	14

a. undergraduate medical education.Scholar < Simulation Centre.Scholar

b. undergraduate medical education.Scholar > Simulation Centre.Scholar

c. undergraduate medical education.Scholar = Simulation Centre.Scholar

Statistics for test [a]

	undergraduate medical education.Scholar - Simulation Centre.Scholar
exact significance (2-sided)	,549[b]

a. Sign-Test

b. Binomial distribution used.