

**Appendix 2.** Confirmatory factor analysis results of the PPCC-NS (N=318)

Factor	Item	Standard error	Critical ratio	<i>p</i>	Standardized loading
F1	I1				0.735
	I3	0.083	13.303	<.001	0.746
	I4	0.076	13.023	<.001	0.734
	I5	0.071	14.863	<.001	0.828
	I6	0.079	14.458	<.001	0.807
	I7	0.071	15.278	<.001	0.849
	I8	0.077	14.39	<.001	0.807
F2	I9				0.822
	I10	0.057	19.82	<.001	0.892
	I11	0.058	17.784	<.001	0.832
	I13	0.062	15.737	<.001	0.766
	I16	0.058	15.5	<.001	0.758
	I18	0.063	14.678	<.001	0.729
	I21	0.053	13.914	<.001	0.7
F3	I22				0.822
	I23	0.058	17.926	<.001	0.85
	I24	0.055	17.764	<.001	0.844
	I27	0.057	15.602	<.001	0.771
F4	I29				0.744
	I31	0.076	13.485	<.001	0.751
	I32	0.07	15.274	<.001	0.839
	I33	0.067	14.074	<.001	0.779
	I34	0.068	15.344	<.001	0.841
	I35	0.067	14.071	<.001	0.779
F5	I37				0.75
	I38	0.082	12.898	<.001	0.755
	I39	0.08	13.283	<.001	0.776
	I40	0.075	14.087	<.001	0.818

PPCC-NS, Perceived Postoperative Care Competency Scale for Nursing Students.