Supplementary Materials 2

Table 1. Item means, standard deviation, skew and kurtosis

1. Were your menstrual materials comfortable? 2.50 0.83 1.56 4.28 2. Did you have enough of your menstrual materials to change them so often as you wanted to? 2.64 0.71 1.92 5.78 3. Were you satisfied with the cleanliness of your menstrual materials when you needed to? 2.56 0.79 1.64 4.55 4. Could you get more of your menstrual materials when you needed to? 2.56 0.79 1.64 4.55 5. Were you worried that your menstrual materials would allow blood to pass through to your outer garments? 1.8 1.12 0.41 1.78 6. Were you worried that your menstrual materials would move from place while you were wearing them? 2.06 1.14 0.83 2.18 7. Were you worried about how you would get more of your menstrual materials would move from place while you were wearing them? 2.33 0.97 1.2 3.17 8. Did you feel comfortable carrying spare menstrual materials with you outside your home? 2.06 1.18 0.78 1.99 9. Did you feel comfortable carrying menstrual materials to the place where you changed them? 2.2 1.09 0.97 2.42 10. Did you feel comfortable storing [keeping] your leftover or cleaned menstrual materials util your next period? 2.72 0.69 2.53 8.6 11. Were you able to wash your hands when you wanted to? 2.72 0.69 2.53 8.6 12. Were you able to wash your hands when you wanted to? 2.76 0.83 2.24 7.46 13. Were you able to dispose of your used menstrual materials? 2.6 0.83 2.04 6.02 14. Were you worried about where to dispose of your used menstrual materials when you wanted to? 2.6 0.83 2.04 6.02 15. Were you oble to dispose of them? 2.89 0.05 0.47 3.58 16. When at home, were you walle to change your menstrual materials when you wanted to? 2.80 0.42 4.26 22.77 17. When at home, were you able to change your menstrual materials? 2.80 0.42 4.26 22.77 19. When at home, were you worried that someone would see you while you were changing your menstrual	No. Item	Mean	SD	Skew	Kurtosis
3. Were you satisfied with the cleanliness of your menstrual materials? 2.74 0.61 -2.6 9.53	Were your menstrual materials comfortable?	2.52	0.83	-1.56	4.28
3. Were you satisfied with the cleanliness of your menstrual materials? 4. Could you get more of your menstrual materials when you needed to? 5. Were you worried that your menstrual materials would allow blood to pass through to your outer garments? 6. Were you worried that your menstrual materials would move from place while you were wearing them? 7. Were you worried about how you would get more of your menstrual material if you ran out? 8. Did you feel comfortable carrying spare menstrual materials with you outside your home? 9. Did you feel comfortable carrying menstrual materials to the place where you changed them? 10. Did you feel comfortable storing [keeping] your leftover or cleaned menstrual materials will your next period? 11. Were you able to wash your hands when you wanted to? 12. Were you able to wash your hands when you wanted to? 13. Were you able to dispose of your used menstrual materials? 13. Were you able to dispose of your used menstrual materials? 14. Were you worried about where to dispose of your used menstrual materials? 15. Were you oble to were you she to change your menstrual materials in the place you dispose of of them? 16. When at home, were you able to change your menstrual materials in the place you disposed of them? 17. When at home, were you satisfied with the place you used to change your menstrual materials? 18. When at home, were you worried that you would not be able to change your menstrual materials? 2. 8. 0.44 3. 7. 17.93 3. 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	2. Did you have enough of your menstrual materials to change them				
A. Could you get more of your menstrual materials when you needed to? 2.56 0.79 1.64 4.55 5. Were you worried that your menstrual materials would allow blood to pass through to your outer garments? 1.8 1.12 -0.41 1.78 1.78 1.8 1.12 -0.41 1.78 1.78 1.8 1.12 -0.41 1.78 1.78 1.78 1.8 1.12 -0.41 1.78 1.78 1.78 1.78 1.78 1.79 1.78 1.78 1.79 1.78 1.79	as often as you wanted to?	2.64	0.71	-1.92	5.78
4. Could you get more of your menstrual materials when you needed to? 2.56 0.79 -1.64 4.55	3. Were you satisfied with the cleanliness of your menstrual				
1.8 1.12 0.41 1.78 1.12 0.41 1.78 1.12 0.41	materials?	2.74	0.61	-2.6	9.53
5. Were you worried that your menstrual materials would allow blood to pass through to your outer garments? 6. Were you worried that your menstrual materials would move from place while you were wearing them? 7. Were you worried about how you would get more of your menstrual material if you ran out? 8. Did you feel comfortable carrying spare menstrual materials with you outside your home? 9. Did you feel comfortable carrying menstrual materials to the place where you changed them? 10. Did you feel comfortable carrying menstrual materials to the place where you changed them? 11. Were you after to wash, your hands when you wanted to? 12. Were you able to wash your hands when you wanted to? 13. Were you able to dispose of your used menstrual materials? 14. Were you able to dispose of your used menstrual materials? 15. Were you able to dispose of your used menstrual materials in the way that you wanted to? 16. When at home, were you disposed of them? 17. When at home, were you satisfied with the place you used to change your menstrual materials? 18. When at home, were you worried that you would not be able to change your menstrual materials? 19. When at home, were you worried that someone would see you wash to home, were you worried that someone would see you wash to home, were you worried that someone would see you wash to home, were you worried that you would not be able to change your menstrual materials? 19. When at home, were you worried that someone would see you when the home, were you worried that someone would see you while you were changing your menstrual materials? 2. 2.80 2.81 2.82 2.83 2.84 2.83 2.84 2.81 2.85 2.86 2.87 2.89 2.80 2.80 2.81 2.81 2.81 2.82 2.83 3.84 3.17 3.19 3.93 3.05 3.04 3.05 3.04 3.05 3.06 3.05 3.06 3.	4. Could you get more of your menstrual materials when you needed				
1.8	to?	2.56	0.79	-1.64	4.55
6. Were you worried that your menstrual materials would move from place while you were wearing them? 7. Were you worried about how you would get more of your menstrual material if you ran out? 8. Did you feel comfortable carrying spare menstrual materials with you outside your home? 9. Did you feel comfortable carrying menstrual materials to the place where you changed them? 10. Did you feel comfortable storing [keeping] your leftover or cleaned menstrual materials until your next period? 11. Were you able to wash your hands when you wanted to? 12. Were you able to immediately dispose of your used menstrual materials? 13. Were you able to dispose of your used menstrual materials? 14. Were you worried about where to dispose of your used menstrual materials? 15. Were you worried about where to dispose of your used menstrual materials in the place you disposed of them? 16. When at home, were you able to change your menstrual materials in the place you disposed of them? 17. When at home, were you satisfied with the place you used to change your menstrual materials? 18. When at home, were you worried that you would not be able to change your menstrual materials? 19. When at home, were you worried that someone would see your well to change your menstrual materials? 19. When at home, were you worried that you would not be able to change your menstrual materials? 2. 2. 86 0.44 -3.7 17.93 19. When at home, were you worried that someone would see you while you were changing your menstrual materials? 2. 2. 2. 2. 2. 1.09 -0.97 2.42 2. 2. 2. 3. 6.98 2. 3. 0.48 -3.17 3.58 2. 3. 0.48 -3.17 13.61 3. 6. 0. 6.	5. Were you worried that your menstrual materials would allow blood				
Place while you were wearing them?	to pass through to your outer garments?	1.8	1.12	-0.41	1.78
7. Were you worried about how you would get more of your menstrual material if you ran out? 8. Did you feel comfortable carrying spare menstrual materials with you outside your home? 9. Did you feel comfortable carrying menstrual materials to the place where you changed them? 10. Did you feel comfortable storing [keeping] your leftover or cleaned menstrual materials until your next period? 11. Were you able to wash your hands when you wanted to? 12. Were you able to wash your hands when you wanted to? 13. Were you able to dispose of your used menstrual materials? 13. Were you able to dispose of your used menstrual materials? 14. Were you worried about where to dispose of your used menstrual materials? 15. Were you worried about where to dispose of your used menstrual materials? 16. When at home, were you able to change your menstrual materials in the place you disposed of them? 17. When at home, were you satisfied with the place you used to change your menstrual materials? 18. When at home, were you satisfied with the place you used to change your menstrual materials? 19. When at home, were you worried that you would not be able to change your menstrual materials? 10. When at home, were you worried that you would not be able to change your menstrual materials? 10. When at home, were you worried that someone would harm you while you were changing your menstrual materials? 10. When at home, were you worried that someone would harm you while you were changing your menstrual materials? 10. When at home, were you worried that someone would harm you while you were changing your menstrual materials? 10. When at home, were you worried that someone would harm you while you were changing your menstrual materials? 10. When at home, were you worried that someone would harm you while you were changing your menstrual materials? 10. When at home, were you worried that someone would harm you while you were changing your menstrual materials? 11. When at home, were you worried that someone would harm you whi	6. Were you worried that your menstrual materials would move from				
Reniestrual material if you ran out? 2.33 0.97 1.2 3.17	place while you were wearing them?	2.06	1.14	-0.83	2.18
8. Did you feel comfortable carrying spare menstrual materials with you outside your home? 9. Did you feel comfortable carrying menstrual materials to the place where you changed them? 10. Did you feel comfortable storing [keeping] your leftover or cleaned menstrual materials until your next period? 11. Were you able to wash your hands when you wanted to? 12. Were you able to wash your hands when you wanted to? 13. Were you able to immediately dispose of your used menstrual materials? 13. Were you able to dispose of your used menstrual materials? 14. Were you able to dispose of your used menstrual materials? 15. Were you worried about where to dispose of your used menstrual materials? 16. When at home, were you able to change your menstrual materials in the place you disposed of them? 17. When at home, were you satisfied with the place you used to change your menstrual materials? 18. When at home, were you satisfied with the place you used to change your menstrual materials? 19. When at home, were you worried that you would not be able to change your menstrual materials? 2.80 2.81 2.83 2.84 2.84 2.85 2.85 2.85 2.85 2.86 2.87 2.87 2.91 2.87 2.88 2.89 2.89 2.89 2.89 2.89 2.89 2.89	7. Were you worried about how you would get more of your				
you outside your home?	menstrual material if you ran out?	2.33	0.97	-1.2	3.17
9. Did you feel comfortable carrying menstrual materials to the place where you changed them? 2.2 1.09 -0.97 2.42 10. Did you feel comfortable storing [keeping] your leftover or cleaned menstrual materials until your next period? 2.66 0.83 -2.42 7.46 11. Were you able to wash your hands when you wanted to? 2.72 0.69 -2.53 8.6 12. Were you able to immediately dispose of your used menstrual materials? 2.65 0.77 2.23 6.98 13. Were you able to dispose of your used menstrual materials? 3. Were you wanted to? 4. 6.02 14. Were you worried about where to dispose of your used menstrual materials? 2.39 1.05 -1.47 3.58 15. Were you concerned that others would see your used menstrual materials in the place you disposed of them? 2.29 1.11 -1.22 2.9 16. When at home, were you salisfied with the place you used to change your menstrual materials? 2.89 0.42 -4.26 22.77 17. When at home, were you satisfied with the place you used to change your menstrual materials? 2.80 0.48 -3.17 13.61 18. When at home, were you worried that you would not be able to change your menstrual materials? 2.86 0.44 -3.7 17.93 19. When at home, were you worried that you would not be able to change your menstrual materials when you needed to? 2.74 0.72 -2.91 10.53 20. When at home, were you worried that someone would see you while you were changing your menstrual materials? 2.87 0.49 -4.46 23.39 21. When at home, were you worried that someone would harm you while you were changing your menstrual materials? 2.87 0.49 -4.46 23.39 22. When at home, were you worried that someone would harm you while you were changing your menstrual materials? 2.87 0.49 -4.46 23.39 22. When at home, were you worried that someone would harm you while you were changing your menstrual materials? 2.87 0.49 -4.46 23.39 23. When at home, were you worried that someone would harm you while you were changing your menstrual materials? 2.87 0.49 -4.46 23.39 25. When at home, were you able to change your menstrual materials? 2.88 0.48 -1.27 3.28 26. 0.49 -4.40 0.70 0.70	8. Did you feel comfortable carrying spare menstrual materials with				
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		2.05	1.15	-0.69	1.9
menstrual materials? 2.03 1.13 -0.64 1.86					
	menstrual materials?	2.03	1.13	-0.64	1.86

26. When at work, were you worried that you would not be able to				
change your menstrual materials when you needed to?	2.14	1.07	-0.85	2.31
27. When at work, sere you worried that someone would see you				
while you were changing your menstrual materials?	2.14	1.17	-0.9	2.17
28. When at work, were you worried that someone would harm you				
while you were changing your menstrual materials?	2.65	0.81	-2.33	7.26
Among those reusing menstrual materials (n=145)				
29. Did you have enough water to soak or wash your menstrual				
materials?	2.72	0.56	-2.15	7.7
30. Did you have access to a basin or bucket to soak or wash your				
menstrual materials whenever you needed it?	2.83	0.43	-2.58	9.16
31. Were you able to wash your menstrual materials whenever you				
wanted to?	2.47	0.86	-1.46	4.01
32. Did you have enough soap to wash your menstrual materials?	2.62	0.68	-1.65	4.74
33. Were you able to dry your materials when you wanted to?	2.32	0.93	-1.18	3.3
34. Were you worried that someone would see you while I you were				
washing your menstrual materials?	2.07	1.15	-0.79	2.07
35. Were you worried that your menstrual materials would not be dry	•			
when you needed them?	2.22	0.94	-0.8	2.38
36. Were you worried that others would see your menstrual materials	•			
while they were drying?	1.96	1.19	-0.62	1.79

Table 2. Intercorrelations between sub-scales/factors

Sub-scale	r (p)	r (p)	r (p)	r (p)	r (p)	r (p)
Original sub-scales	Total score	1.	2.	3.	4.	5.
1. Material and home	0.70	1.00				
environment needs (n=525)	(<.001)					
2. Insecurity (n=525)	0.79	0.33	1.00			
	(<.001)	(<.001)				
3. Material reliability concerns	0.64	0.30	0.46	1.00		
(n=523)	(<.001)	(<.001)	(<.001)			
4. Transport and work needs	0.77	0.43	0.48	0.33	1.00	
(n=483)	(<.001)	(<.001)	(<.001)	(<.001)		
5. Reuse needs (n=145)	0.69	0.52	0.41	0.37	0.40	1.00
	(<.001)	(<.001)	(<.001)	(<.001)	(<.001)	
6. Reuse insecurity (n=145)	0.69	0.37	0.52	0.39	0.29	0.38
	(<.001)	(<.001)	(<.001)	(<.001)	(<.001)	(<.001)
Revised sub-scales						
1. Material and home	0.61	1.00				
environment needs (n=525)	(<.001)					
2. Material and home	0.68	0.32	1.00			
insecurity (n=525)	(<.001)	(<.001)				
3. Disposal (n=421)	0.62	0.11	0.25	1.00		
	(<.001)	(p=.025)	(<.001)			
4. Work practice needs	0.83	0.33	0.35	0.45	1.00	
(n=481)	(<.001)	(<.001)	(<.001)	(<.001)		
5. Reuse needs (n=145)	0.68	0.49	0.36	0.33	0.45	1.00
	(<.001)	(<.001)	(<.001)	(p=.026)	(<.001)	
6. Reuse insecurity (n=145)	0.69	0.39	0.48	0.22	0.37	0.37
	(<.001)	(<.001)	(<.001)	(p=.141)	(<.001)	(<.001)