

Additional file 1 Use of CHW as first treatment-seeking action for sick children according the presence of fever or danger signs.

Comparison of use of CHWs by sick children with vs. without fever

 -> year = 2011

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+-----+
| Key   |
+-----+
|       |
| frequency |
| column percentage |
+-----+
  
```

First used CHW	With fever?		Total
	yes	no	
no	555 96.19	127 98.45	682 96.60
yes	22 3.81	2 1.55	24 3.40
Total	577 100.00	129 100.00	706 100.00

Pearson chi2(1) = 1.6433 Pr = 0.200

 -> year = 2012

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+-----+
| Key   |
+-----+
|       |
| frequency |
| column percentage |
+-----+
  
```

First used CHW	With fever?		Total
	yes	no	
no	644 97.43	130 99.24	774 97.73
yes	17 2.57	1 0.76	18 2.27
Total	661 100.00	131 100.00	792 100.00

Pearson chi2(1) = 1.6100 Pr = 0.204

-> year = 2013

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+-----+  
| Key |  
+-----+  
| frequency |  
| column percentage |  
+-----+
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First used CHW	With fever?		Total
	yes	no	
no	573 94.55	82 96.47	655 94.79
yes	33 5.45	3 3.53	36 5.21
Total	606 100.00	85 100.00	691 100.00

Pearson chi2(1) = 0.5542 Pr = 0.457

Comparison of use of CHWs by sick children with vs. without danger signs

-> year = 2011

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+-----+  
| Key |  
+-----+  
| frequency |  
| column percentage |  
+-----+
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First used CHW	With danger signs?		Total
	yes	no	
no	500 96.34	182 97.33	682 96.60
yes	19 3.66	5 2.67	24 3.40
Total	519 100.00	187 100.00	706 100.00

Pearson chi2(1) = 0.4079 Pr = 0.523

-> year = 2012

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| Key  
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| frequency  
| column percentage  
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First used CHW	With danger signs?		Total
	yes	no	
no	607 98.06	167 96.53	774 97.73
yes	12 1.94	6 3.47	18 2.27
Total	619 100.00	173 100.00	792 100.00

Pearson chi2(1) = 1.4243 Pr = 0.233

-> year = 2013

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| Key  
+-----+  
| frequency  
| column percentage  
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First used CHW	With danger signs?		Total
	yes	no	
no	490 94.41	160 96.39	650 94.89
yes	29 5.59	6 3.61	35 5.11
Total	519 100.00	166 100.00	685 100.00

Pearson chi2(1) = 1.0100 Pr = 0.315