**Toward improved adherence: A text message intervention in an HIV pediatric clinic in Guatemala City**

**Supplement**

Table S1. The following categories established the framework for willingness to receive text messages and the independent variables measured with in each category.

|  |  |
| --- | --- |
| Framework categories | Independent variables measured within each category |
| Sociodemographic factors | Age  Sex  Ethnicity  Education |
| Access to service | Travel Time to Clinic  Cell phone and Internet Accessibility |
| Psychosocial support | Time patient has been treated at clinic  Clinic services available  Sense of care and ARV benefits |
| Behavioral factors | Ease of taking medicine in front of others  Reminder strategies used |
| Cell phone patterns of use | SMS use  Phone alarms  Phone privacy/autonomy |

Equation S1. The following equation was used to calculate the 4-day recall adherence, published by Reynolds et. Al, 2007

Adherence index = 100 x {[(0.65 + (2.15 x adherence yesterday) +

(2.21 x adherence 2 days ago) +

(2.07 x adherence 3 days ago) +

(1.99 x adherence 4 days ago) +

(0.37 x Followed schedule) +

(0.36 x Instructions followed) -

(0.13 x Last skipped dose)] /11.99}