

Supplementary Table 1: Full breakdown of running costs of 14 week parenting programme, during the trial and at scale.

	Trial (n/\$)	Scale (n/\$)	Description of normal scale-up scenario assumptions	Description of 'lean' scale-up scenario assumptions
Scenario comparison				
Length of implementation activity (months)	6 months	12 months		12 months
Number of waves of implementation	1	3		3
Number of facilitators	20	20		14
Number of groups	20	60		60
Number of families	270	1000		1000
Length of training	2 weeks	2 weeks		2 weeks
Length of initial set-up(/wrap-up)	10 weeks	8 weeks		8 weeks
Length of programme implementation	14 weeks	42 weeks		42 weeks
Non-recurrent - training and set-up costs				
Training for 20 facilitators (2 weeks)			Initial training costs are fixed at the beginning of a year of implementation. Note that time dedicated to ongoing mentorship and supervision is built into the programme delivery model at scale.	Same level of training and supervision assumed.
Staff (including trainers and facilitators, per diem and accommodation as required)	\$6,179	\$6,179		
Materials (including printing training manuals for facilitators)	\$349	\$349		
Refreshments	\$336	\$336		
Venue	\$39	\$39		
Transport	\$250	\$250		
Fixed - operational costs				
Office rent	\$2,069	\$4,138	Monthly rent scaled to one year	Same fixed/overhead costs assumed.
Office materials (including regular communication costs, such as internet)	\$2,006	\$4,011	Monthly materials requirements scaled to one year	
Bookkeeping (once annual)	\$1,546	\$1,546	One-off annual bookkeeping	
Senior Manager support (10% time each month)	\$1,105	\$2,210	Assumes 10% senior manager support continues throughout.	
Support visits from management team	\$2,973	\$2,973	Assumes 50% less support visits are required after the first wave of implementation.	

Recurrent - group costs				
Initial set-up costs (for each wave of delivery)			Costs for initial set-up occur at the beginning of each wave of implementation, so three times over the course of the year. This includes time required for initial recruitment of families into the programme. This does not include costs association with adaptation and translation of the manual to a new context. ^a	
Staff cost	\$5,109	\$21,456		
Materials (including communication, printing)	\$ 644	\$1,406		
Transport	\$758	\$2,273		
Group session transport (including car hire/driver salary, and fuel)			Costs tripled, as there are three times the number of groups.	Same staff-transport costs assumed. Cost removed - no transport for families to and from session venue. Cost removed - no home-visits during implementation.
Staff transport to and from sessions	\$5,396	\$16,188		
Family transport to and from sessions	\$8,414	\$25,241		
Home visit transport	\$6,246	\$18,739		
Food				
Meals for participants (approx. \$1.50/participant/session)	\$11,780	\$43,629	Calculated from unit price per meal per participant.	Cost removed - no meals provided to participants during sessions.
Staff costs				
Salary for facilitators, plus 2 supervisors/project coordinators, and 2 logistics coordinators. Of the facilitators, 14 were community facilitators, and 6 were auxillary social workers. ^b	\$68,254	\$108,550	Calculated salary for 42 weeks, assuming all community facilitators at scale.	30% less staff required as leaner programme delivery model is used (home visits account for approx 2 days per week of staff time, that could otherwise be spent implementing other group sessions). ^c
Per diem and accomodation	\$10,854	\$4,095	Assumed per diem and accommodation for supervisors only, local community facilitators trained	
Materials				
Including printing of materials for participants, facilitators and basic monitoring, any equipment required for delivery, and communication costs.	\$1,580	\$ 2,570	Assumed all new printed materials and communications are required in each wave. Equipment costs shared between waves with an assumed 15% replacement rate.	
Venue hire	\$67	\$ 200	Assumed most venues are free, potential for small one-off costs for three waves.	
TOTAL COSTS	\$135,954	\$ 266,380		\$ 146,206
Cost per family	\$ 504	\$ 266		\$ 146
<i>All costs are presented in 2015 US dollars.</i>				
^a Based on our experience to date these costs amount to approx. \$21,000 and would need to be included in any model of costs at scale in a new country. We have not included these costs here as this scale-up scenario is based on the assumption of continued work in similar communities in South Africa.				

^bSocial workers time was covered by the South African Department of Social Development (DSD). Their opportunity cost has been accounted for, by including their salary for time spent on the project in the summary of trial costs.

^cNote that in some locations, in addition to other learner delivery practices, facilitation may be conducted by local volunteers leading to even further reduced staff costs. As this scale-up scenario relates specifically to implementation in South Africa where paid staff continue to be used, we have not included this assumption.

Supplementary Table 2: Cost per DALY averted

	Physical	Emotional
DALYs lost/incident abuse	0.412	0.351
Central estimate of cost per DALY averted - TRIAL		
Number of incidents of abuse averted	27	47
Cost per DALY averted	\$4952	
Central estimate of cost per DALY averted – SCALE-UP		
Number of incidents of physical abuse averted	101	173
Cost per DALY averted	\$2645	

Supplementary Table 3: Sensitivity analysis for cost per DALY averted

	Trial		Scale-up	
	Lower	Upper	Lower	Upper
Cost per DALY averted – sensitivity analysis				
1. Upper and lower bound confidence limits	\$3060	\$12485	\$1642	\$6938
2. Varying the estimate of past-year incidence by +/- 5%	\$3157	\$6691	\$1687	\$3572
2. Varying the estimate of DALYs per case averted by +/-20%	\$4127	\$6190	\$2221	\$3331
3. Model of scale-up costs			\$1296	\$3897