

Appendix 6: Subgroup Analyses by Outcome: Interventions to Enhance Psychological Resilience in Forcibly Displaced Children

For each outcome and possible subgroup analyses, this table classifies results as: I = statistically-significant improvement in outcomes; W = statistically-significant worsening of outcomes; NS = no significant difference; --- = effect size could not be calculated; NA = no relevant data was available. Numbers in the *N* column indicate the number of studies reporting outcomes for the specified analysis.

* indicates effect size is relative to control group; other effect sizes reflect pre-post comparison.

1. Coping Mechanism Category

Subgroup Analyses	Coping Mechanism								
	N	Sig.	Overall effect on internalizing problems	N	Sig.	Overall effect on externalizing problems	N	Sig.	Overall effect on attention problems
Studies reporting outcome	2	---	Data not pooled due to high heterogeneity Caregiver report: $I^2 = 96.87\%$ Child report: $I^2 = 96.53\%$	2	---	Data not pooled due to high heterogeneity Caregiver report: $I^2 = 96.62\%$ Child report: $I^2 = 97.09\%$	1	I	Child report: $g_{av} = 0.04 [-0.139, 0.219]^*$ Caregiver report: $g_{av} = -0.275 [-0.449, -0.100]^*$
Refugee camp	1	I	Child report: $g_{av} = -1.600 [-2.123, -1.076]$ Caregiver report: $g_{av} = -1.428 [-1.939, -0.918]$	1	I	Child report: $g_{av} = -1.550 [-2.070, -1.030]$ Caregiver report: $g_{av} = -1.239 [-1.737, -0.742]$	NA		
Multiple settings	1	NS	Child report: $g_{av} = 0.084 [-0.095, 0.263]^*$ Caregiver report: $g_{av} = -0.127 [-0.300, 0.046]^*$	1	I	Child report: $g_{av} = -0.092 [-0.271, 0.087]^*$ Caregiver report: $g_{av} = -0.22 [-0.395, -0.048]^*$	1	I	Child report: $g_{av} = 0.04 [-0.139, 0.219]^*$ Caregiver report: $g_{av} = -0.275 [-0.449, -0.100]^*$
Group versus Individual-based interventions									
Group	1	NS	Child report: $g_{av} = 0.084 [-0.095, 0.263]^*$ Caregiver report: $g_{av} = -0.127 [-0.300, 0.046]^*$	1	I	Child report: $g_{av} = -0.092 [-0.271, 0.087]^*$ Caregiver report: $g_{av} = -0.22 [-0.395, -0.048]^*$	1	I	Child report: $g_{av} = 0.040 [-0.139, 0.219]^*$ Caregiver report: $g_{av} = -0.275 [-0.449, -0.100]^*$
Individual	1	I	Child report: $g_{av} = -1.600 [-2.123, -1.076]$ Caregiver report: $g_{av} = -1.428 [-1.939, -0.918]$	1	I	Child report: $g_{av} = -1.550 [-2.070, -1.030]$ Caregiver report: $g_{av} = -1.239 [-1.737, -0.742]$	NA		
Intervention content									

Subgroup Analyses	Coping Mechanism								
	N	Sig.	Overall effect on internalizing problems	N	Sig.	Overall effect on externalizing problems	N	Sig.	Overall effect on attention problems
Multi-faceted	2	---	Data not pooled due to high heterogeneity Caregiver report: $I^2 = 96.87\%$ Child report: $I^2 = 96.53\%$	2	---	Data not pooled due to high heterogeneity Caregiver report: $I^2 = 96.62\%$ Child report: $I^2 = 97.09\%$	1	I	Child report: $g_{av} = 0.040$ [-0.139, 0.219]* Caregiver report: $g_{av} = -0.275$ [-0.449, -0.100]*
Intervention intensity									
6-9 sessions	1	I	Child report: $g_{av} = -1.600$ [-2.123, -1.076] Caregiver report: $g_{av} = -1.428$ [-1.939, -0.918]	1	I	Child report: $g_{av} = -1.550$ [-2.070, -1.030] Caregiver report: $g_{av} = -1.239$ [-1.737, -0.742]	N A		
10-15 sessions	1	NS	Child report: $g_{av} = 0.084$ [-0.095, 0.263] Caregiver report: $g_{av} = -0.127$ [-0.300, 0.046]	1	I	Child report: $g_{av} = -0.092$ [-0.271, 0.087]* Caregiver report: $g_{av} = -0.22$ [-0.395, -0.048]*	1	I	Child report: $g_{av} = 0.040$ [-0.139, 0.219]* Caregiver report: $g_{av} = -0.275$ [-0.449, -0.100]*
Involved calibers									
Nonprofessional mental health personnel (e.g. teachers, lay workers etc.)	2	---	Data not pooled due to high heterogeneity Caregiver report: $I^2 = 96.87\%$ Child report: $I^2 = 96.53\%$	2	---	Data not pooled due to high heterogeneity Caregiver report: $I^2 = 96.62\%$ Child report: $I^2 = 97.09\%$	1	I	Child report: $g_{av} = 0.040$ [-0.139, 0.219]* Caregiver report: $g_{av} = -0.275$ [-0.449, -0.100]*
Less than 18 (Mixed)									
Less than 18 (Mixed)	2	---	Data not pooled due to high heterogeneity Caregiver report: $I^2 = 96.87\%$ Child report: $I^2 = 96.53\%$	2	---	Data not pooled due to high heterogeneity Caregiver report: $I^2 = 96.62\%$ Child report: $I^2 = 97.09\%$	1	I	Child report: $g_{av} = 0.04$ [-0.139, 0.219]* Caregiver report: $g_{av} = -0.275$ [-0.449, -0.100]*
Refugee									
Refugee	1	I	Child report: $g_{av} = -1.600$ [-2.123, -1.076] Caregiver report: $g_{av} = -1.428$ [-1.939, -0.918]	1	I	Child report: $g_{av} = -1.55$ [-2.070, -1.030] Caregiver report: $g_{av} = -1.239$ [-1.737, -0.742]	N A		
FDP									
FDP	1	NS	Child report: $g_{av} = 0.084$ [-0.095, 0.263] Caregiver report: $g_{av} = -0.127$ [-0.300, 0.046]	1	I	Child report: $g_{av} = -0.092$ [-0.271, 0.087]* Caregiver report: $g_{av} = -0.220$ [-0.395, -0.048]*	1	I	Child report: $g_{av} = 0.040$ [-0.139, 0.219]* Caregiver report: $g_{av} = -0.275$ [-0.449, -0.100]*
2. Resilience Category									

Subgroup Analyses	Resilience								
	N	Sig.	Overall effect on child psychosocial protective factors	N	Sig.	Overall effect on resilience	N	Sig.	Overall effect on family satisfaction
Studies reporting outcome	1	I	Child report: $g_{av}=0.206$ [0.027, 0.386]* Caregiver report: $g_{av}=0.063$ [-0.110, 0.237]*	1	NS	$g_{av}=g_{av}=-0.08$ [-0.916, 0.756]	1	I	$g_{av}=1.789$ [1.058, 2.520]
Community center/Municipality	N	A		N	A		1	I	$g_{av}=1.789$ [1.058, 2.520]
Units for unaccompanied minors	N	A		1	NS	$g_{av}=-0.08$ [-0.916, 0.756]	N	A	NA
Multiple settings	1	I	Child report: [0.027, 0.386]* Caregiver report: $g_{av}=0.063$ [-0.110, 0.237]*	N	A		N	A	
Group versus Individual-based interventions									
Group-based interventions	1	I	Child report: $g_{av}=0.206$ [0.027, 0.386]* Caregiver report: $g_{av}=0.063$ [-0.110, 0.237]*	1	NS	$g_{av}=-0.08$ [-0.916, 0.756]	1	I	$g_{av}=1.789$ [1.058, 2.520]
Intervention content									
Psychosocial only	N	A		1	NS	$g_{av}=-0.08$ [-0.916, 0.756]	N	A	
Parenting only	N	A		N	A		1	I	$g_{av}=1.789$ [1.058, 2.520]
Multi-faceted	1	I	Child report: $g_{av}=0.206$ [0.027, 0.386]* Caregiver report: $g_{av}=0.063$ [-0.110, 0.237]*	N	A		N	A	
Intervention intensity									
6-9 sessions	N	A		N	A		1	I	$g_{av}=1.789$ [1.058, 2.520]
10-15 sessions	1	I	Child report: $g_{av}=0.206$ [0.027, 0.386]* Caregiver report: $g_{av}=0.063$ [-0.110, 0.237]*	1	NS	$g_{av}=-0.08$ [-0.916, 0.756]	N	A	

Subgroup Analyses	Resilience						
	N	Sig.	Overall effect on child psychosocial protective factors	N	Sig.	Overall effect on resilience	N Sig. Overall effect on family satisfaction
Involved calibers							
Professional mental health experts ± others	0		NA	1	NS	$g_{av} = -0.08 [-0.916, 0.756]$	<i>N</i> <i>A</i>
Nonprofessional mental health personnel (e.g. teachers, lay workers etc.)	1	I	Child report: $g_{av} = 0.206 [0.027, 0.386]^*$ Caregiver report: $g_{av} = 0.063 [-0.110, 0.237]^*$	<i>N</i> <i>A</i>			1 I $g_{av} = 1.789 [1.058, 2.520]$
Less than 18 (Mixed)	1	I	Child report: $g_{av} = 0.206 [0.027, 0.386]^*$ Caregiver report: $g_{av} = 0.063 [-0.110, 0.237]^*$	1	NS	$g_{av} = -0.08 [-0.916, 0.756]$	0 NA
Unspecified	0		NA				1 I $g_{av} = 1.789 [1.058, 2.520]$
Refugee	<i>N</i> <i>A</i>		Child report: $g_{av} = 0.206 [0.027, 0.386]^*$ Caregiver report: $g_{av} = 0.063 [-0.110, 0.237]^*$	<i>N</i> <i>A</i>			1 I $g_{av} = 1.789 [1.058, 2.520]$
FDP	1	I	Child report: $g_{av} = 0.206 [0.027, 0.386]^*$ Caregiver report: $g_{av} = 0.063 [-0.110, 0.237]^*$	<i>N</i> <i>A</i>			<i>N</i> <i>A</i>
Unaccompanied Minors (FDP)	<i>N</i> <i>A</i>			1	NS	$g_{av} = -0.08 [-0.916, 0.756]$	<i>N</i> <i>A</i>

3. Behavioral Problems of Childhood Category

Subgroup Analyses	Behavioral Problems of Childhood		
	N	Sig.	Overall effect on Behavioral Problems of Childhood
Studies reporting outcome	8	---	Couldn't be estimated due to multiple reports using similar scales by Betancourt (2020) ⁵³

Behavioral Problems of Childhood			
Subgroup Analyses	N	Sig.	Overall effect on Behavioral Problems of Childhood
School	3	I	$g_{av} = -0.497$ [-0.804, -0.191], $I^2 = 0\%$
Community center/Municipality	1	NS	$g_{av} = -0.406$ [-0.879, 0.068]
Refugee camp	1	I	$g_{av} = -0.447$ [-0.301, -0.593]
Units for unaccompanied minors	2	NS	$g_{av} = -0.311$ [-1.151, 0.528], $I^2 = 70.18\%$
Home	1	I	Same study reports: - Caregiver report: $g_{av} = -1.534$ [-1.842, -1.227] & $g_{av} = -5.012$ [-5.563, -4.462] - Child report: $g_{av} = -0.393$ [-0.62, -0.166] & $g_{av} = -0.111$ [-0.336, 0.114]
Unspecified	NA		
Group versus Individual-based interventions			
Group intervention	5	I	$g_{av} = -0.407$ [-0.617, -0.197], $I^2 = 28.38\%$, Same study reports:
Individual intervention	1	I	- Caregiver report: $g_{av} = -1.534$ [-1.842, -1.227] & $g_{av} = -5.012$ [-5.563, -4.462] - Child report: $g_{av} = -0.393$ [-0.62, -0.166] & $g_{av} = -0.111$ [-0.336, 0.114]
Mixed	2	I	$g_{av} = -0.434$ [-0.809, -0.059], $I^2 = 0\%$
Intervention content			
Psychosocial only	2	NS	$g_{av} = -0.160$ [-0.606, 0.285], $I^2 = 41.02\%$
Multi-faceted	6	---	Couldn't be estimated due to multiple reports using similar scales by Betancourt (2020) ⁵³
Intervention intensity			
6-9 sessions	2	I	$g_{av} = -0.511$ [-0.934, -0.088], $I^2 = 0\%$
10-15 sessions	4	---	Couldn't be estimated due to multiple reports using similar scales by Betancourt (2020) ⁵³
20 or more sessions	1	I	$g_{av} = -0.609$ [-1.11, -0.108]

Subgroup Analyses	Behavioral Problems of Childhood		
	N	Sig.	Overall effect on Behavioral Problems of Childhood
Unspecified	2	I	$g_{av} = -0.443$ [-0.583, -0.304], $I^2 = 0\%$
Involved calibers			
Professional mental health experts ± others	4	NS	$g_{av} = -0.309$ [-0.584, 0.034], $I^2 = 0\%$
Nonprofessional mental health personnel (e.g. teachers, lay workers etc.)	4	---	Couldn't be estimated due to multiple reports using similar scales by Betancourt (2020) ^{53,54}
<12 years old	1	I	$g_{av} = -0.447$ [-0.301, -0.593]*
From 12- 18 years old	3	I	$g_{av} = -0.606$ [-0.955, -0.257], $I^2 = 0\%$
Less than 18 (Mixed)	4	---	Couldn't be estimated due to multiple reports using similar scales by Betancourt (2020) ⁵³
Refugee	5	---	Couldn't be estimated due to multiple reports using similar scales by Betancourt (2020) ⁵³
FDP	1	NS	$g_{av} = -0.406$ [-0.879, 0.068]
Unaccompanied Minors (FDP)	2	NS	$g_{av} = -0.311$ [-1.151, 0.528], $I^2 = 70.18\%$

4. Psychiatric Symptoms Category

Subgroup Analyses	Psychiatric Symptoms											
	N	Sig.	Overall effect on depression	N	Sig.	Overall effect on anxiety	N	Sig.	Overall effect on PTSD	N	Sig.	Overall effect on general psychopathological symptoms
Studies reporting outcome	7	---	Data not pooled due to high heterogeneity $I^2 = 95.51\%$	4	NS	$g_{av} = -0.326$ [-0.782, 0.131], $I^2 = 75.34\%$	7	---	Data not pooled due to high heterogeneity $I^2 = 88.22\%$	2	---	Couldn't be estimated due to multiple reports using similar scales by Scheiber (2019) ⁴⁸

Subgroup Analyses	Psychiatric Symptoms											
	N	Si g.	Overall effect on depression	N	Si g.	Overall effect on anxiety	N	Si g.	Overall effect on PTSD	N	Si g.	Overall effect on general psychopathological symptoms
School	1	W	$g_{av}=1.129$ [0.748, 1.500]*	2	---	Data not pooled due to high heterogeneity $I^2=89.31\%$	2	N S	$g_{av}= -0.213$ [-0.623, 0.196], $I^2=44.48\%$	1	W	$g_{av}= 3.308$ [2.377, 4.239]*
Community center/Municipality	2	I	$g_{av}=-0.828$ [-1.508, -0.149], $I^2=72.05\%$	2	I	$g_{av}=-0.444$ [-0.788, -0.101], $I^2= 0\%$	1	I	$g_{av}= -1.421$ [-1.988, -0.855]	N A		
Refugee camp	1	I	$g_{av}= -2.077$ [-2.652, -1.503]*	N A			1	I	Child report: $g_{av}= -2.036$ [-2.597, -1.474] Caregiver report: $g_{av}= -1.522$ [-2.04, -1.005]	N A		
Units for unaccompanied minors	1	I	$g_{av}= -0.864$ [-1.667, -0.060]	N A			2	N S	$g_{av}= 0.140$ [-0.428, 0.708], $I^2=0\%$	N A		
Home	1	W	$g_{av}=\text{Caregiver report: } g_{av}= 0.448$ [0.174, 0.721] Child report: $g_{av}= 0.500$ [0.315, 0.773]	N A			N A			N A		
Multiple settings	1	W	$g_{av}= 0.467$ [0.077, 0.856]	N A			1	N S	$g_{av}= -0.313$ [-0.860, 0.234]	N A		
Unspecified	N A						N A			1	N S	Same study reports: - $g_{av}=0.539$ [-0.084, 1.162]* - $g_{av}=0.563$ [-0.061, 1.186]*
Group versus Individual-based interventions												

Subgroup Analyses	Psychiatric Symptoms											
	N	Si g.	Overall effect on depression	N	Si g.	Overall effect on anxiety	N	Si g.	Overall effect on PTSD	N	Si g.	Overall effect on general psychopathological symptoms
Group intervention	5	---	Data not pooled due to high heterogeneity $I^2=96.13\%$	4	N S	$g_{av}=-0.326 [-0.782, 0.131]$, $I^2=75.34\%$	5	--	Data not pooled due to high heterogeneity $I^2=80.23\%$	1	N S	Same study reports: - $g_{av}=0.539 [-0.084, 1.162]^*$ - $g_{av}=0.563 [-0.061, 1.186]^*$
Individual intervention	1	W	Caregiver report: $g_{av}=0.448 [0.174, 0.721]$ Child report: $g_{av}=0.500 [0.315, 0.773]$	N A			1	I	Child report: $g_{av}=-2.036 [-2.597, 1.474]$ Caregiver report: $g_{av}=-1.522 [-2.04, -1.005]$	N A		
Mixed	1	W	$g_{av}=0.467 [0.077, 0.856]$	N A			1	N S	$g_{av}=-0.313 [-0.860, 0.234]$	1	W	$g_{av}=3.308 [2.377, 4.239]^*$
Intervention content												
Psychosocial only	3	---	Data not pooled due to high heterogeneity $I^2=96.13\%$	2	I	$g_{av}=-0.526 [-0.867, -0.185]$, $I^2=0\%$	3	N S	$g_{av}=-0.270 [-0.612, 0.072]$, $I^2=0\%$	1	N S	Same study reports: - $g_{av}=0.539 [-0.084, 1.162]^*$ - $g_{av}=0.563 [-0.061, 1.186]^*$
Multi-faceted	2	---	Data not pooled due to high heterogeneity $I^2=94.77\%$	2	N S	Data not pooled due to high heterogeneity $I^2=83.56\%$	4	--	Data not pooled due to high heterogeneity $I^2=93.19\%$	1	W	$g_{av}=3.308 [2.377, 4.239]^*$
Intervention intensity												
1-5 sessions	1	I	$g_{av}=-1.191 [-1.741, -0.642]$	1	I	$g_{av}=-0.550 [-1.066, -0.035]$	1	I	$g_{av}=-1.421 [-1.988, -0.855]$	N A		
6-9 sessions	4	---	Data not pooled due to high heterogeneity $I^2=96.73\%$	3	---	Data not pooled due to high heterogeneity $I^2=80.7\%$	4	--	Data not pooled due to high heterogeneity $I^2=91.78\%$	1	N S	Same study reports: - $g_{av}=0.539 [-0.084, 1.162]^*$ - $g_{av}=0.563 [-0.061, 1.186]^*$

Subgroup Analyses	Psychiatric Symptoms											
	N	Si g.	Overall effect on depression	N	Si g.	Overall effect on anxiety	N	Si g.	Overall effect on PTSD	N	Si g.	Overall effect on general psychopathological symptoms
10-15 sessions	1	W	Caregiver report: $g_{av}=0.448$ [0.174, 0.721] Child report: $g_{av}=0.500$ [0.315, 0.773]	<i>N</i> <i>A</i>			1	<i>N</i> <i>S</i>	$g_{av}=0.367$ [-0.476, 1.21]	1	<i>W</i>	$g_{av}=3.308$ [2.377, 4.239]*
Unspecified	1	<i>W</i>	$g_{av}=0.467$ [0.077, 0.856]	<i>N</i> <i>A</i>			1	<i>N</i> <i>S</i>	$g_{av}=-0.313$ [-0.860, 0.234]	<i>N</i> <i>A</i>		
Involved calibers												
Professional mental health experts ± others	5	---	Data not pooled due to high heterogeneity $I^2=93.79\%$	3	<i>N</i> <i>S</i>	$g_{av}=-0.198$ [-0.693, 0.298], $I^2=73.7\%$	5	<i>N</i> <i>S</i>	$g_{av}=-0.319$ [-0.895, 0.258], $I^2=79.92\%$	1	<i>W</i>	$g_{av}=3.308$ [2.377, 4.239]*
Nonprofessional mental health personnel (e.g. teachers, lay workers etc.)	2	---	Data not pooled due to high heterogeneity $I^2=98.55\%$	1	<i>I</i>	$G_{av}=-0.727$ [-1.233, -0.221]	2	<i>I</i>	Data not pooled due to high heterogeneity $I^2=93.87\%$	<i>N</i> <i>A</i>		
Unspecified	<i>N</i> <i>A</i>						0			1	<i>N</i> <i>S</i>	Same study reports: - $g_{av}=0.539$ [-0.084, 1.162]* - $g_{av}=0.563$ [-0.061, 1.186]*
<12 years old	1	<i>I</i>	$g_{av}=-1.191$ [-1.741, -0.642]	1	<i>I</i>	$g_{av}=-0.550$ [-1.066, -0.035]	1	<i>I</i>	$g_{av}=-1.421$ [-1.988, -0.855]	<i>N</i> <i>A</i>		
From 12- 18 years old	3	---	Data not pooled due to high heterogeneity $I^2=94.68\%$	2	<i>N</i> <i>S</i>	$g_{av}=-0.042$ [-0.624, 0.540], $I^2=75.19\%$	2	<i>N</i> <i>S</i>	$g_{av}=-0.044$ [-0.364, 0.277], $I^2=0\%$	2	-- -	Couldn't be estimated due to multiple reports using similar scales by Scheiber (2019) ⁴⁸
Less than 18 (Mixed)	3	<i>I</i>	Data not pooled due to high	1	<i>I</i>	$g_{av}=-0.727$ [-1.233, -0.221]	4	-- -	Data not pooled due to high	<i>N</i> <i>A</i>		

Subgroup Analyses	Psychiatric Symptoms											
	N	Si g.	Overall effect on depression	N	Si g.	Overall effect on anxiety	N	Si g.	Overall effect on PTSD	N	Si g.	Overall effect on general psychopathological symptoms
			heterogeneity $I^2=97.17\%$						heterogeneity $I^2=90.17\%$			
Refugee	5	---	Data not pooled due to high heterogeneity $I^2=93.57\%$	4	N S	$g_{av}=-0.326$ [-0.782, 0.131], $I^2=75.34\%$	5	--	Data not pooled due to high heterogeneity $I^2=90.88\%$	1	W	$g_{av}= 3.308$ [2.377, 4.239]*
FDP	1	I	$g_{av}=-2.077$ [-2.652, -1.503]*	N A			N A			N A		
Unaccompanied minors (FDP)	1	I	$g_{av}= -0.864$ [-1.667, -0.060]	N A			2	N S	$g_{av}=0.140$ [-0.428, 0.708], $I^2=0\%$	1	N S	Same study reports: - $g_{av}=0.539$ [-0.084, 1.162]* - $g_{av}= 0.563$ [-0.061, 1.186]*

5. General Wellbeing Category

Subgroup Analyses	General Wellbeing											
	N	Si g.	Overall effect on Wellbeing	N	Si g.	Overall effect on optimism	N	Si g.	Overall effect on self-esteem	N	Si g.	Overall effect on quality of life
Studies reporting outcome	3	I	Data not pooled due to high heterogeneity, however all of the studies reported statistically significant improvements $I^2= 99.53\%$	2	I	Data not pooled due to high heterogeneity, however all of the studies reported statistically significant improvements $I^2= 80.92\%$	1	I	$g_{av}= 1.810$ [1.260, 2.360]*	2	NS	$g_{av}= 0.325$ [-0.027, 0.678], $I^2= 0\%$
Community center/Municipality	N A			N A			N A			1	NS	$g_{av}= 0.420$ [-0.042, 0.882]

Subgroup Analyses	General Wellbeing											
	N	Si g.	Overall effect on Wellbeing	N	Si g.	Overall effect on optimism	N	Si g.	Overall effect on self-esteem	N	Si g.	Overall effect on quality of life
Refugee camp	3	I	Data not pooled due to high heterogeneity, however all of the studies reported statistically significant improvements $I^2=99.53\%$	1	I	$g_{av}=1.481 [0.958, 2.003]^*$	1	I	$g_{av}=1.810 [1.260, 2.360]^*$	N	A	
Online	N	A		1	I	$g_{av}=0.755 [0.419, 1.091]$	N	A		N	A	
Multiple settings	N	A		N	A		N	A		1	NS	$g_{av}=0.193 [-0.352, 0.738]$
Group versus Individual-based interventions												
Group intervention	2	I	Data not pooled due to high heterogeneity, however all of the studies reported statistically significant improvements $I^2=99.57\%$	1	I	$g_{av}=1.481 [0.958, 2.003]^*$	1	I	$g_{av}=1.810 [1.260, 2.360]^*$	1	NS	$g_{av}=0.420 [-0.042, 0.882]$
Individual intervention	1	I	$g_{av}=[0.481, 1.444]$	1	I	$g_{av}=0.755 [0.419, 1.091]$	N	A		N	A	
Mixed	N	A		N	A		N	A		1	NS	$g_{av}=0.193 [-0.352, 0.738]$
Intervention content												
Psychosocial only	1	I	$g_{av}=[1.437, 2.572]^*$	1	I	$g_{av}=1.481 [0.958, 2.003]^*$	1	I	$g_{av}=1.810 [1.260, 2.360]^*$	2	NS	$g_{av}=0.325 [-0.027, 0.678], I^2=0\%$
Multi-faceted	2	I	Data not pooled due to high heterogeneity, however all of the studies	1	I	$g_{av}=0.755 [0.419, 1.091]$	N	A		N	A	

Subgroup Analyses	General Wellbeing											
	N	Si g.	Overall effect on Wellbeing	N	Si g.	Overall effect on optimism	N	Si g.	Overall effect on self-esteem	N	Si g.	Overall effect on quality of life
			reported statistically significant improvements $I^2= 99.74\%$									
Intervention intensity												
6-9 sessions	2	I	Couldn't be estimated $I^2= 86.72\%$ however both studies reported statistically significant improvements	1	I	$g_{av}= 1.481 [0.958, 2.003]^*$	1	I	$g_{av}= 1.810 [1.260, 2.360]^*$	1	NS	$g_{av}= 0.420 [-0.042, 0.882]$
20 or more sessions	NA			1	I	$g_{av}= 0.755 [0.419, 1.091]$	NA			1	---	NA
Unspecified	1	I	$g_{av}= [7.328, 8.314]^*$				NA			1	NS	$g_{av}= 0.193 [-0.352, 0.738]$
Involved calibers												
Professional mental health experts ± others	NA			NA			NA			2	NS	$g_{av}= 0.325 [-0.027, 0.678], I^2= 0\%$
Nonprofessional mental health personnel (e.g. teachers, lay workers etc.)	3	I	Data not pooled due to high heterogeneity, however all of the studies reported statistically significant improvements $I^2= 99.53\%$	2	I	Data not pooled due to high heterogeneity, however all of the studies reported statistically significant improvements $I^2= 80.92\%$	1	I	$g_{av}= 1.810 [1.260, 2.360]^*$	NA		
<12 years old	1		$g_{av}= [7.328, 8.314]^*$	NA			NA			NA		

Subgroup Analyses	General Wellbeing											
	N	Sig.	Overall effect on Wellbeing	N	Sig.	Overall effect on optimism	N	Sig.	Overall effect on self-esteem	N	Sig.	Overall effect on quality of life
From 12- 18 years old	N	A		N	A		N	A		1	NS	$g_{av} = 0.420 [-0.042, 0.882]$
Less than 18 (Mixed)	2	I	Data not pooled due to high heterogeneity, however all of the studies reported statistically significant improvements $I^2 = 86.72\%$	2	I	Data not pooled due to high heterogeneity, however all of the studies reported statistically significant improvements $I^2 = 80.92\%$	1	I	$g_{av} = 1.810 [1.260, 2.360]^*$	1	NS	$g_{av} = 0.193 [-0.352, 0.738]$
Refugee	2	I	Data not pooled due to high heterogeneity, however all of the studies reported statistically significant improvements $I^2 = 99.74\%$	1	I	$g_{av} = 0.755 [0.419, 1.091]$	N	A		2	NS	$g_{av} = 0.325 [-0.027, 0.678], I^2 = 0\%$
FDP	1	I	$g_{av} = [1.437, 2.572]^*$	1	I	$g_{av} = 1.481 [0.958, 2.003]^*$	1	I	$g_{av} = 1.810 [1.260, 2.360]^*$	N	A	

6. Caregiver Support Category

Subgroup Analyses	Caregiver Support								
	N	Sig.	Overall effect on caregiver distress	N	Sig.	Overall effect on parenting	N	Sig.	Overall effect on family communication
Studies reporting outcome	3	NS	Couldn't be estimated due to multiple reports using similar scales by El-Khani (2018) and Betancourt (2020) noting that none of them reported significant statistical improvement ^{53,54}	3	NS	Couldn't be estimated due to multiple reports using similar scales by El-Khani (2018) noting that none of the studies reported significant statistical improvement. ⁵⁴	2	---	Couldn't be estimated due to multiple reports using similar scales by Betancourt (2020) ⁵³

Subgroup Analyses	Caregiver Support											
	N	Sig.	Overall effect on caregiver distress			N	Sig.	Overall effect on parenting		N	Sig.	Overall effect on family communication
School	1	NS	Same study reports: - $g_{av} = -0.24$ [-1.012, 0.532] - $g_{av} = -0.247$ [-1.021, 0.527]			1	NS	Same study reports: - $g_{av} = 0.498$ [-0.269, 1.264] - $g_{av} = 0.675$ [-0.117, 1.468]		<i>N</i> <i>A</i>		
Community center/Municipality	<i>N</i> <i>A</i>					1	NS	$g_{av} = 0.348$ [-0.211, 0.906]		1	I	$g_{av} = 3.026$ [1.885, 4.167]
Refugee camp	1	NS	$g_{av} = 0.056$ [-0.126, 0.237]*			<i>N</i> <i>A</i>				<i>N</i> <i>A</i>		
Home	1	NS	Same study reports: - $g_{av} = -0.139$ [-0.522, 0.244] - $g_{av} = -0.079$ [-0.462, 0.303]			1	NS	$g_{av} = 0.067$ [-0.158, 0.292]		1	NS	Same study reports: - $g_{av} = 0.126$ [-0.257, 0.508] - $g_{av} = 0.081$ [-0.302, 0.464]
Group versus Individual-based interventions												
Group intervention	2	NS	a- $g_{av} = 0.056$ [-0.126, 0.237]* b- Same study reports: - $g_{av} = -0.24$ [-1.012, 0.532] - $g_{av} = -0.247$ [-1.021, 0.527]			2	NS	a- $g_{av} = 0.348$ [-0.211, 0.906] b- Same study reports: - $g_{av} = 0.498$ [-0.269, 1.264] - $g_{av} = 0.675$ [-0.117, 1.468]		1	I	$g_{av} = 3.026$ [1.885, 4.167]
Individual intervention	1	NS	Same study reports: - $g_{av} = -0.139$ [-0.522, 0.244] - $g_{av} = -0.079$ [-0.462, 0.303]			1	NS	$g_{av} = 0.067$ [-0.158, 0.292]		1	NS	Same study reports: - $g_{av} = 0.126$ [-0.257, 0.508] - $g_{av} = 0.081$ [-0.302, 0.464]
Intervention content												
Psychosocial only	<i>N</i> <i>A</i>					<i>N</i> <i>A</i>				<i>N</i> <i>A</i>		
Parenting only	<i>N</i> <i>A</i>					1	NS	$g_{av} = 0.348$ [-0.211, 0.906]		1	I	$g_{av} = 3.026$ [1.885, 4.167]
Multi-faceted	3	NS	Couldn't be estimated due to multiple reports using similar scales by El-Khani (2018) and Betancourt (2020) noting that			2	NS	Couldn't be estimated due to multiple reports using similar scales by El-Khani (2018) noting that none of the studies reported significant statistical improvement. ⁵⁴		1	NS	Same study reports: - $g_{av} = 0.126$ [-0.257, 0.508]

Subgroup Analyses	Caregiver Support								
	N	Sig.	Overall effect on caregiver distress	N	Sig.	Overall effect on parenting	N	Sig.	Overall effect on family communication
			none of them reported significant statistical improvement ^{53,54}						- $g_{av} = 0.081 [-0.302, 0.464]$
Intervention intensity									
6-9 sessions	<i>N</i> <i>A</i>			1	NS	$g_{av} = 0.348 [-0.211, 0.906]$	1	I	$g_{av} = 3.026 [1.885, 4.167]$
10-15 sessions	2	NS	Couldn't be estimated due to multiple reports using similar scales by El-Khani (2018) and Betancourt (2020) noting that none of them reported significant statistical improvement ^{53,54}	2	NS	Couldn't be estimated due to multiple reports using similar scales by El-Khani (2018) noting that none of the studies reported significant statistical improvement. ⁵⁴	1	NS	Same study reports: - $g_{av} = 0.126 [-0.257, 0.508]$ - $g_{av} = 0.081 [-0.302, 0.464]$
Unspecified	1	NS	$g_{av} = 0.056 [-0.126, 0.237]^*$	<i>N</i> <i>A</i>			<i>N</i> <i>A</i>		
Involved calibers									
Nonprofessional mental health personnel (e.g. teachers, lay workers etc.)	3	NS	Couldn't be estimated due to multiple reports using similar scales by El-Khani (2018) and Betancourt (2020) noting that none of them reported significant statistical improvement ^{53,54}	3	NS	Couldn't be estimated due to multiple reports using similar scales by El-Khani (2018) noting that none of the studies reported significant statistical improvement. ⁵⁴	2	---	Couldn't be estimated due to multiple reports using similar scales by Betancourt (2020) ⁵³
Age									
<12 years old	1	NS	$g_{av} = 0.056 [-0.126, 0.237]^*$	<i>N</i> <i>A</i>			<i>N</i> <i>A</i>		
Less than 18 (Mixed)	2	NS	Couldn't be estimated due to multiple reports using similar scales by El-Khani (2018) and Betancourt (2020) noting that none of them reported significant statistical improvement ^{53,54}	2	NS	Couldn't be estimated due to multiple reports using similar scales by El-Khani (2018) noting that none of the studies reported significant statistical improvement. ⁵⁴	1	NS	Same study reports: - $G_{av} = 0.126 [-0.257, 0.508]$ - $G_{av} = 0.081 [-0.302, 0.464]$
Unspecified	<i>N</i> <i>A</i>			1	NS	$g_{av} = 0.348 [-0.211, 0.906]$	1	I	$g_{av} = 3.026 [1.885, 4.167]$
Refugee status									
Refugee	3	NS	Couldn't be estimated due to multiple reports using similar scales by El-Khani (2018) and Betancourt (2020) noting that	3	NS	Couldn't be estimated due to multiple reports using similar scales by El-Khani (2018) noting that none of the studies reported significant statistical improvement. ⁵⁴	3	---	Couldn't be estimated due to multiple reports using similar scales by Betancourt (2020) ⁵³

Subgroup Analyses	Caregiver Support								
	N	Sig.	Overall effect on caregiver distress	N	Sig.	Overall effect on parenting	N	Sig.	Overall effect on family communication
			none of them reported significant statistical improvement ^{53,54}						