Multimedia Appendix 3. The complete characteristics of the intervention and control group participants.

| Students [ID] | Written score [%] | Oral score [%] | Origins | Sexe | Prior knowledge | Absolute frequency |
|-------------|-------------------|---------------|---------|------|----------------|-------------------|
| K1 | 75 (56/75) | 100 (20/20) | South Sudan | Male | Yes | Origins: 2^*, 4^*, 6^*, 7^*, 1^* |
| K2 | 54 (41/75) | 75 (15/20) | South Sudan | Male | No | Sex: 3^*, 8^* |
| K3 | 71 (53/75) | 95 (19/20) | South Sudan | Male | No | Prior knowledge: 4^*, 7^* |
| K4 | 42 (32/75) | 70 (14/20) | Somalia | Male | No | |
| K5 | 45 (34/75) | 80 (16/20) | Sudan | Male | No | |
| K6 | 36 (27/75) | 70 (14/20) | Ethiopia | Female | Yes | |
| K7 | 52 (39/75) | 45 (9/20) | Burundi | Female | Yes | |
| K8 | 17 (13/75) | 10 (2/20) | RDC | Female | No | |
| K9 | 80 (60/75) | 95 (19/20) | Burundi | Male | Yes | |
| K10 | 46 (35/75) | 40 (8/20) | RDC | Male | No | |
| K11 | 39 (29/75) | 60 (12/20) | RDC | Male | No | Origins: 1^*, 7^*, |
| D1 | 39 | 77 | NA | NA | NA | |
| D2 | 38 | 42 | NA | NA | NA | |
| D3 | 48 | 38 | NA | NA | NA | |
| D4 | 29 | 45 | NA | NA | NA | |
| D5 | 28 | 52 | NA | NA | NA | |
| D6 | 38 | 52 | NA | NA | NA | |
| D7 | 28 | 47 | NA | NA | NA | |
| D8 | 37 | 38 | NA | NA | NA | |
| D9 | 22 | 62 | NA | NA | NA | |
| D10 | 6 | 30 | NA | NA | NA | |
| D11 | 8 | 39 | NA | NA | NA | |
| D12 | 56 | 79 | NA | NA | NA | |
| D13 | 41 | 50 | NA | NA | NA | |
| D14 | 7 | 43 | NA | NA | NA | |
| D15 | 21 | 42 | NA | NA | NA | |
| D16 | 27 | 53 | NA | NA | NA | |
| D17 | 48 | 93 | NA | NA | NA | |
| D18 | 32 | 40 | NA | NA | NA | |

### Results

**Written score**

- 51*(18.7)*; 46*(11.9)*; 17*,-80*(63)*; 0.1*, 1.1*, 5.6*
- 30*(14.9)*; 31*(12.6)*; 0.1*-0.7*, 3.5*

**By categories**

- Male 57*(16.3)*; 50*(14.1)*; 39*,-80*(41)*; 0.3*,-1.9*, 5.8*
- NA
- Female 35*(17.5)*; 36*(23.7)*; 17*-52* (35)*; 0.06*,-2.33*, 10.12*
- NA
- Prior knowledge: Yes 61*(20.5)*; 64*(20.8)*; 36*-80*(44)*; 0.2*,-2.2*,10.7*
- NA
- Prior knowledge: No 45*(16.3)*; 49*(8.9)*; 17*-71* (54)*; 0.1*,-0.8*,6.2*
- NA

**Oral score**

- 67*(27.2)*; 70*(37)*; 10*-100* (90)*; 0.6*,0.7*,8.2*
- 51*(16.6)*; 40*(9.6)*; 30*-93* (63)*; 1.1*,0.3*,3.9*

**By categories**

- Male 77*(20.3)*; 78*(26)*; 40*-100* (60)*; 0.5*,1.2*,7.2*
- NA
- Female 42*(30.1)*; 45*(37.1)*; 10*-70* (60)*; 0.1*,-2.3*,17.4*
- NA
- Prior knowledge: Yes 78*(25.3)*; 83*(22.2)*; 45*-100* (55)*; 0.3*,-2.1*,12.7*
- NA
- Prior knowledge: No 61*(28.4)*; 70*(14.8)*; 10*-95* (85)*; 0.6*,-1.1*,10.7*
- NA

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* Intervention Group
* Control Group
* Absolute number not provided by teachers
* Burundi
* Ethiopia
* Republic democratic congo
* Somalia
* South Sudan
* Sudan
* Female
* Male
* Yes

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* No
* Mean
* Standard deviation
* Median
* Standard error
* Kurtosis
* Average