

**S3 Table. Trypanosomes frequency in cattle according to villages and foci, and number of cattle sampled per village. Single, double and triple infections.**

<i>Trypanosoma sp./Village</i>	Maro _ Canton Maro						Maro _ Canton Gourourou					Maro Total	Mandoul
	1	2	3	4	5	6	7	8	9	10	11		12
<b>Single infection</b>													
<i>T. congolense</i>	0	0	0	13	1	3	0	17	0	7	0	41 (8.9)	0
<i>T. brucei ssp.</i>	0	0	0	0	0	0	0	0	1	0	0	1 (0.2)	0
<i>T. theileri</i>	5	2	2	1	1	2	1	1	2	3	6	26 (5.6)	61 (78.2)
<i>T. grayi</i>	0	0	1	0	0	0	0	1	1	2	2	7 (1.5)	0
<i>T. godfreyi</i>	0	0	0	2	0	0	0	0	0	1	0	3 (0.6)	0
<i>T. vivax</i>	1	2	0	4	0	15	5	8	3	5	6	49 (10.6)	0
<b>Total</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>20</b>	<b>2</b>	<b>20</b>	<b>6</b>	<b>27</b>	<b>7</b>	<b>18</b>	<b>14</b>	<b>127 (27.4)</b>	<b>61 (78.2)</b>
<b>Double infections</b>													
<i>T. godfreyi/T. vivax</i>	0	0	0	0	0	0	0	0	2	0	0	2 (0.4)	0
<i>T. grayi/T. vivax</i>	0	0	0	1	0	0	0	0	1	0	0	2 (0.4)	0
<i>T. theileri/T. godfreyi</i>	0	0	0	0	0	0	0	1	0	0	0	1 (0.2)	0
<i>T. theileri/T. vivax</i>	0	0	0	2	1	0	0	0	0	0	2	5 (1.1)	0
<i>T. simiae/T. vivax</i>	0	0	0	0	0	0	0	0	0	0	0	0 (0.0)	3 (3.8)
<i>T. brucei/ T. vivax</i>	0	0	0	0	0	0	0	0	1	0	0	1 (0.2)	0
<i>T. congolense/T. grayi</i>	0	0	0	0	0	0	0	0	0	1	0	1 (0.2)	0
<i>T. congolense/T. theileri</i>	0	0	0	1	0	0	0	0	0	0	2	3 (0.6)	0
<i>T. congolense/T. brucei</i>	0	1	0	2	0	3	5	1	1	2	1	16 (3.5)	0
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>1</b>	<b>8</b>	<b>5</b>	<b>2</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>21 (6.6)</b>	<b>3 (3.8)</b>
<b>Triple infections</b>													
<i>T. congolense/T. brucei/T. vivax</i>	0	0	0	0	0	1	0	0	0	0	0	1 (0.2)	0
<b>Positive N (%)</b>	<b>6 (28.6)</b>	<b>5 (25.0)</b>	<b>3 (13.6)</b>	<b>26 (37.7)</b>	<b>3 (5.2)</b>	<b>24 (44.4)</b>	<b>11 (20.4)</b>	<b>29 (49.1)</b>	<b>12 (44.4)</b>	<b>21 (37.5)</b>	<b>19 (86.4)</b>	<b>159 (34.4)</b>	<b>64 (82.1)</b>
<b>Negative N (%)</b>	<b>15 (71.4)</b>	<b>15 (75.0)</b>	<b>19 (86.4)</b>	<b>43 (62.3)</b>	<b>55 (94.8)</b>	<b>30 (55.6)</b>	<b>43 (79.6)</b>	<b>30 (50.9)</b>	<b>15 (55.6)</b>	<b>35 (62.5)</b>	<b>3 (13.6)</b>	<b>303 (65.6)</b>	<b>14 (17.9)</b>
<b>Number of cattle</b>	<b>21</b>	<b>20</b>	<b>22</b>	<b>69</b>	<b>58</b>	<b>54</b>	<b>54</b>	<b>59</b>	<b>27</b>	<b>56</b>	<b>22</b>	<b>462</b>	<b>78</b>

Villages \_ 1 : Ngakorio (Sedentary) ; 2 : Ridina Al'Az (Semi-nomadic) ; 3 : Maingama (Refugee camp) ; 4 : Aldjazira1 (Semi-nomadic); 5 : Kobdogué (Sedentary); 6 : Aldjazira2 (Semi-nomadic); 7 : Aldjazira3 (Semi-nomadic); 8 : Gourourou (Sedentary); 9 : Guirkyon (Sedentary); 10 : Ngonkra1 (Nomadic); 11 : Ngonkra2 (Nomadic) ; 12 : Bembaitada (Sedentary).