

Table S1. Further details and signs observed of the 14 animals classified as ‘ineffectively stunned’ (showing rhythmic breathing and/or at least two of: eyeball rotation, nystagmus, palpebral reflex, corneal reflex) with 0 = absent and 1 = present.

| ID | Shot again? | Stun to stick time | Shot in pair | Age category | Stun box behaviour score | Rhythmic breathing | Eyeball rotation | Nystagmus | Corneal reflex | Palpebral reflex | Total signs for ineffective stunning | leg kicking | righting reflex | Failure to collapse | Blinking | Gasping | Vocalisation | Response to cut/knife | TOTAL |
|--------------|-------------|--------------------|--------------|--------------|--------------------------|--------------------|------------------|-----------|----------------|------------------|--------------------------------------|-------------|-----------------|---------------------|----------|---------|--------------|-----------------------|-------|
| 1 | 0 | 92 | 0 | 2.5 - 6yrs | 11 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | NA | 2 |
| 2 | 0 | 80 | 0 | 6-12yrs | 10 | 1 | 0 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 3 | 0 | 56 | 0 | <2.5yrs | 10 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | NA | 2 |
| 4 | 0 | 83 | 0 | 12-20yrs | 5 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | NA | 2 |
| 5 | 0 | 72 | 0 | <2.5yrs | 7 | 1 | 0 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 6 | 1 | 105 | 0 | 6-12yrs | 11 | 1 | 0 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 4 |
| 7 | 0 | 68 | 0 | <2.5yrs | 11 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 8 | 0 | 70 | 0 | <2.5yrs | 9 | 1 | 0 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 9 | 1 | NA | 1 | <2.5yrs | 10 | 1 | 1 | 1 | 1 | 1 | 5 | 1 | 1 | 1 | 0 | 0 | 0 | NA | 8 |
| 10 | 1 | NA | 1 | <2.5yrs | 11 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 1 | NA | 5 |
| 11 | 1 | 92 | 0 | 2.5 - 6yrs | 12 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 12 | 1 | 84 | 1 | <2.5yrs | 14 | 1 | 1 | 1 | 1 | 1 | 5 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 7 |
| 13 | 0 | 59 | 0 | <2.5yrs | 8 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | NA | 2 |
| 14 | 0 | 90 | 0 | <2.5yrs | 7 | 1 | 1 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 5 |
| TOTAL | 5 | | | | | 14 | 4 | 6 | 2 | 2 | 28 | 13 | 3 | 2 | 1 | 1 | 1 | 1 | |