Table 1: Sample data structure for "Separate" data

ReplicateID Group SetDate D0 LocationDetails

| ReplicateID | Group | SetDate_D0 | LocationDetails | cat_ID | HostPlant | HeadCapsule | Killed | Days_alive |
|-------------|--------|------------------------|--|-----------|--------------------------|--------------------|--------|------------|
| a | a | 27-Dec-13 | near carpark | a1 | Eucalyptus | 1 | 1 | 4 |
| a | a | 27-Dec-13 | near carpark | a2 | Eucalyptus | 1 | 1 | 4 |
| a | a | 27-Dec-13 | near carpark | a3 | Eucalyptus | 1 | 1 | 4 |
| a | а | 27-Dec-13 | near carpark | a4 | Eucalyptus | 1 | 1 | 4 |
| a | а | 27-Dec-13 | near carpark | a5 | Eucalyptus | 1 | 1 | 4 |
| а | а | 27-Dec-13 | near carpark | a6 | Eucalyptus | 1 | 1 | 4 |
| а | а | 27-Dec-13 | near carpark | a7 | Eucalyptus | 1 | 1 | 4 |
| а | а | 27-Dec-13 | near carpark | a8 | Eucalyptus | 1 | 1 | 4 |
| а | а | 27-Dec-13 | near carpark | a9 | Eucalyptus | 1 | 0 | 8 |
| а | a | 27-Dec-13 | near carpark | a10 | Eucalyptus | 1 | 0 | 8 |
| а | b | 27-Dec-13 | near carpark | b1 | Eucalyptus | 0 | 1 | 4 |
| а | b | 27-Dec-13 | near carpark | b2 | Eucalyptus | 0 | 1 | 4 |
| a | b | 27-Dec-13 | near carpark | b3 | Eucalyptus | 0 | 1 | 4 |
| а | b | 27-Dec-13 | near carpark | b4 | Eucalyptus | 0 | 1 | 4 |
| а | b | 27-Dec-13 | near carpark | b5 | Eucalyptus | 0 | 1 | 4 |
| a | b | 27-Dec-13 | near carpark | b6 | Eucalyptus | 0 | 1 | 4 |
| a | b | 27-Dec-13 | near carpark | b7 | Eucalyptus | 0 | 1 | 4 |
| a | b | 27-Dec-13 | near carpark | b8 | Eucalyptus | 0 | 1 | 4 |
| a | b | 27-Dec-13 | near carpark | b9 | Eucalyptus | 0 | 1 | 4 |
| a | b | 27-Dec-13 | near carpark | b10 | Eucalyptus | 0 | 1 | 4 |
| b | С | 27-Dec-13 | near second carpark | c1 | Eucalyptus | 1 | 1 | 4 |
| b | С | 27-Dec-13 | near second carpark | c2 | Eucalyptus | 1 | 1 | 4 |
| b | С | 27-Dec-13 | near second carpark | c3 | Eucalyptus | 1 | 1 | 4 |
| b | С | 27-Dec-13 | near second carpark | c4 | Eucalyptus | 1 | 1 | 4 |
| b | С | 27-Dec-13 | near second carpark | c5 | Eucalyptus | 1 | 1 | 4 |
| b | С | 27-Dec-13 | near second carpark | c6 | Eucalyptus | 1 | 1 | 4 |
| b | С | 27-Dec-13 | near second carpark | c7 | Eucalyptus | 1 | 1 | 4 |
| b | С | 27-Dec-13 | near second carpark | c8 | Eucalyptus | 1 | 1 | 4 |
| b | С | 27-Dec-13 | near second carpark | c9 | Eucalyptus | 1 | 1 | 4 |
| b | C | 27-Dec-13 | near second carpark | c10 | Eucalyptus | 1 | 1 | 4 |
| b | d | 27-Dec-13 | near second carpark | d1 | Eucalyptus | 0 | 1 | 4 |
| b | d | 27-Dec-13 | near second carpark | d2 | Eucalyptus | 0 | 1 | 4 |
| b | d | 27-Dec-13 | near second carpark | d3 | Eucalyptus | 0 | 1 | 4 |
| b | d | 27-Dec-13 | near second carpark | d4 | Eucalyptus | 0 | 1 | 4 |
| b | d | 27-Dec-13 | near second carpark | d5 | Eucalyptus | 0 | 1 | 4 4 |
| b | d | 27-Dec-13 | near second carpark | d6 | Eucalyptus | 0 | 1 | 7 |
| b | d d | 27-Dec-13 27-Dec-13 | near second carpark near second carpark | d7 d8 | Eucalyptus | 0 0 | 1 1 | 4 4 |
| b b | d | 27-Dec-13 27-Dec-13 | near second carpark | d9 | Eucalyptus Eucalyptus | 0 | 1 | 4 |
| b | d | 27-Dec-13 27-Dec-13 | near second carpark | d10 | Eucalyptus | 0 | 0 | 8 |
| C | e | 27-Dec-13 27-Dec-13 | lookout carpark | e1 | Eucalyptus | 1 | 1 | 4 |
| С | e | 27-Dec-13 | lookout carpark | e2 | Eucalyptus | 1 | 1 | 4 |
| С | e | 27-Dec-13 | lookout carpark | e3 | Eucalyptus | 1 | 1 | 8 |
| С | e | 27-Dec-13 | lookout carpark | e4 | Eucalyptus | 1 | 1 | 8 |
| С | e | 27-Dec-13 | lookout carpark | e5 | Eucalyptus | 1 | 0 | 8 |
| С | e | 27-Dec-13 27-Dec-13 | lookout carpark | e6 | Eucalyptus | 1 | 0 | 8 |
| С | e | 27-Dec-13 | lookout carpark | e7 | Eucalyptus | 1 | 0 | 8 |
| С | e | 27-Dec-13 | lookout carpark | e8 | Eucalyptus | 1 | 0 | 8 |
| С | e | 27-Dec-13 | lookout carpark | e9 | Eucalyptus | 1 | 0 | 8 |
| c | e | 27-Dec-13 | lookout carpark | e10 | Eucalyptus | 1 | 0 | 8 |
| С | f | 27-Dec-13 | lookout carpark | f1 | Eucalyptus | 0 | 1 | 4 |
| C | f | 27-Dec-13 | lookout carpark | f2 | Eucalyptus | 0 | 0 | 8 |
| С | f | 27-Dec-13 | lookout carpark | f3 | Eucalyptus | 0 | 0 | 8 |
| - | | | | - | . // | - | - | - |

| С | f | 27-Dec-13 | lookout carpark | f4 | Eucalyptus | 0 | 0 | 8 |
|---|---|-----------|----------------------|-----|------------|---|---|---|
| С | f | 27-Dec-13 | lookout carpark | f5 | Eucalyptus | 0 | 0 | 8 |
| С | f | 27-Dec-13 | lookout carpark | f6 | Eucalyptus | 0 | 0 | 8 |
| С | f | 27-Dec-13 | lookout carpark | f7 | Eucalyptus | 0 | 0 | 8 |
| С | f | 27-Dec-13 | lookout carpark | f8 | Eucalyptus | 0 | 0 | 8 |
| С | f | 27-Dec-13 | lookout carpark | f9 | Eucalyptus | 0 | 0 | 8 |
| С | f | 27-Dec-13 | lookout carpark | f10 | Eucalyptus | 0 | 0 | 8 |
| d | g | 27-Dec-13 | start of walk | g1 | Angophora | 1 | 1 | 4 |
| d | g | 27-Dec-13 | start of walk | g2 | Angophora | 1 | 1 | 4 |
| d | g | 27-Dec-13 | start of walk | g3 | Angophora | 1 | 1 | 4 |
| d | g | 27-Dec-13 | start of walk | g4 | Angophora | 1 | 1 | 4 |
| d | g | 27-Dec-13 | start of walk | g5 | Angophora | 1 | 1 | 4 |
| d | g | 27-Dec-13 | start of walk | g6 | Angophora | 1 | 1 | 4 |
| d | g | 27-Dec-13 | start of walk | g7 | Angophora | 1 | 1 | 4 |
| d | g | 27-Dec-13 | start of walk | g8 | Angophora | 1 | 1 | 4 |
| d | g | 27-Dec-13 | start of walk | g9 | Angophora | 1 | 1 | 4 |
| d | g | 27-Dec-13 | start of walk | g10 | Angophora | 1 | 1 | 4 |
| d | h | 27-Dec-13 | start of walk | h1 | Angophora | 0 | 1 | 4 |
| d | h | 27-Dec-13 | start of walk | h2 | Angophora | 0 | 1 | 4 |
| d | h | 27-Dec-13 | start of walk | h3 | Angophora | 0 | 1 | 4 |
| d | h | 27-Dec-13 | start of walk | h4 | Angophora | 0 | 1 | 4 |
| d | h | 27-Dec-13 | start of walk | h5 | Angophora | 0 | 1 | 4 |
| d | h | 27-Dec-13 | start of walk | h6 | Angophora | 0 | 1 | 4 |
| d | h | 27-Dec-13 | start of walk | h7 | Angophora | 0 | 1 | 4 |
| d | h | 27-Dec-13 | start of walk | h8 | Angophora | 0 | 1 | 4 |
| d | h | 27-Dec-13 | start of walk | h9 | Angophora | 0 | 1 | 4 |
| d | h | 27-Dec-13 | start of walk | h10 | Angophora | 0 | 1 | 8 |
| е | i | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 1 | 1 | 4 |
| e | i | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 1 | 1 | 4 |
| e | i | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 1 | 0 | 8 |
| e | i | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 1 | 0 | 8 |
| е | i | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 1 | 0 | 8 |
| е | i | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 1 | 0 | 8 |
| е | i | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 1 | 0 | 8 |
| е | i | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 1 | 0 | 8 |
| е | i | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 1 | 0 | 8 |
| е | i | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 1 | 0 | 8 |
| е | j | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 0 | 1 | 4 |
| е | j | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 0 | 1 | 4 |
| е | j | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 0 | 1 | 4 |
| е | j | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 0 | 1 | 4 |
| е | j | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 0 | 0 | 4 |
| е | j | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 0 | 0 | 8 |
| е | j | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 0 | 0 | 8 |
| е | j | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 0 | 0 | 8 |
| е | j | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 0 | 0 | 8 |
| e | j | 27-Dec-13 | on path near lookout | 10 | Eucalyptus | 0 | 0 | 8 |

...and so on for whole dataset

Table 2: Sample data structure for "Mixed" data

| ReplicateID | Group | SetDate_D0 | LocationDetails | cat_ID | HostPlant | HeadCapsule | Killed | Days_alive |
|-------------|-------|------------|---------------------|--------|------------|-------------|--------|------------|
| 1M | a | 27-Dec-13 | near first carpark | a1 | Eucalyptus | 1 | 0 | 8 |
| 1M | а | 27-Dec-13 | near first carpark | a2 | Eucalyptus | 1 | 0 | 8 |
| 1M | а | 27-Dec-13 | near first carpark | a3 | Eucalyptus | 1 | 1 | 4 |
| 1M | а | 27-Dec-13 | near first carpark | a4 | Eucalyptus | 1 | 1 | 4 |
| 1M | а | 27-Dec-13 | near first carpark | a5 | Eucalyptus | 1 | 1 | 4 |
| 1M | а | 27-Dec-13 | near first carpark | a6 | Eucalyptus | 0 | 1 | 4 |
| 1M | а | 27-Dec-13 | near first carpark | a7 | Eucalyptus | 0 | 1 | 4 |
| 1M | а | 27-Dec-13 | near first carpark | a8 | Eucalyptus | 0 | 1 | 4 |
| 1M | а | 27-Dec-13 | near first carpark | a9 | Eucalyptus | 0 | 1 | 4 |
| 1M | а | 27-Dec-13 | near first carpark | a10 | Eucalyptus | 0 | 0 | 8 |
| 2M | b | 27-Dec-13 | near second carpark | b1 | Eucalyptus | 1 | 0 | 8 |
| 2M | b | 27-Dec-13 | near second carpark | b2 | Eucalyptus | 1 | 1 | 4 |
| 2M | b | 27-Dec-13 | near second carpark | b3 | Eucalyptus | 1 | 1 | 4 |
| 2M | b | 27-Dec-13 | near second carpark | b4 | Eucalyptus | 1 | 1 | 4 |
| 2M | b | 27-Dec-13 | near second carpark | b5 | Eucalyptus | 1 | 1 | 4 |
| 2M | b | 27-Dec-13 | near second carpark | b6 | Eucalyptus | 0 | 1 | 4 |
| 2M | b | 27-Dec-13 | near second carpark | b7 | Eucalyptus | 0 | 1 | 4 |
| 2M | b | 27-Dec-13 | near second carpark | b8 | Eucalyptus | 0 | 1 | 4 |
| 2M | b | 27-Dec-13 | near second carpark | b9 | Eucalyptus | 0 | 1 | 4 |
| 2M | b | 27-Dec-13 | near second carpark | b10 | Eucalyptus | 0 | 1 | 4 |
| 3M | С | 27-Dec-13 | lookout carpark | c1 | Eucalyptus | 1 | 1 | 4 |
| 3M | С | 27-Dec-13 | lookout carpark | c2 | Eucalyptus | 1 | 1 | 8 |
| 3M | С | 27-Dec-13 | lookout carpark | c3 | Eucalyptus | 1 | 1 | 8 |
| 3M | С | 27-Dec-13 | lookout carpark | c4 | Eucalyptus | 1 | 1 | 8 |
| 3M | С | 27-Dec-13 | lookout carpark | c5 | Eucalyptus | 1 | 1 | 8 |
| 3M | С | 27-Dec-13 | lookout carpark | c6 | Eucalyptus | 0 | 1 | 4 |
| 3M | С | 27-Dec-13 | lookout carpark | c7 | Eucalyptus | 0 | 1 | 4 |
| 3M | С | 27-Dec-13 | lookout carpark | c8 | Eucalyptus | 0 | 1 | 8 |
| 3M | С | 27-Dec-13 | lookout carpark | c9 | Eucalyptus | 0 | 1 | 8 |
| 3M | С | 27-Dec-13 | lookout carpark | c10 | Eucalyptus | 0 | 1 | 8 |
| | | | | | | | | |

...and so on for whole dataset