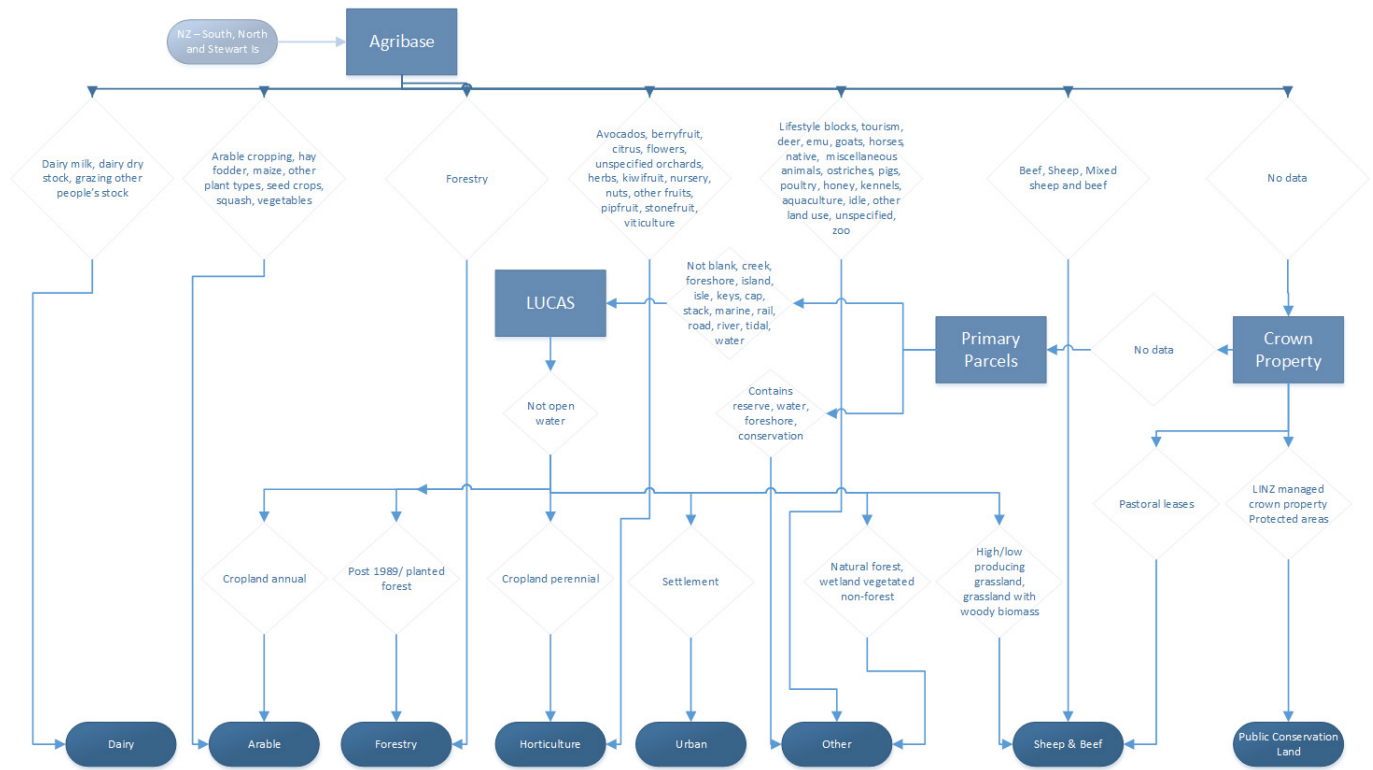


Supplementary Materials

Appendix S1. Flowchart of layers and attributes used to classify land use into the 8 distinct classes used for analyses.



Appendix S2. Distribution of native woody vegetation by land environment New Zealand (LENZ) class across New Zealand. Class T is permanent snow and ice and was excluded from the analyses (PCL: Public conservation land).

LENZ Class	Description	Area of LENZ class across New Zealand (ha * 1000)	% of LENZ class area in native woody vegetation	% of total native woody vegetation across different land uses		
				PCL	Sheep & beef	Other
<i>Northern lowland and hill country</i>						
A	Northern Lowlands	1 847 606	49.5%	15.2%	35.2%	49.5%
B	Central Dry Lowlands	691 026	17.2%	7.4%	75.4%	17.2%
C	Western and Southern North Island Lowlands	635 855	43.2%	18.9%	38.0%	43.2%
D	Northern Hill Country	2 097 227	30.2%	39.0%	30.8%	30.2%
E	Central Dry Foothills	1 323 728	10.8%	41.5%	47.7%	10.8%
F	Central Hill Country and Volcanic Plateau	5 238 553	28.7%	45.4%	26.0%	28.7%
<i>Northern and central recent soils</i>						
G	Northern Recent Soils	336 698	50.7%	17.0%	32.3%	50.7%
H	Central Sandy Recent Soils	135 198	23.4%	66.6%	10.1%	23.4%
I	Central Poorly Drained Recent Soils	120 757	41.0%	8.8%	50.2%	41.0%
J	Central Well-drained Recent Soils	292 822	44.7%	15.7%	39.6%	44.7%
K	Central Upland Recent Soils	160 743	26.0%	57.0%	17.0%	26.0%
<i>Southern lowlands</i>						
L	Southern Lowlands	800 500	27.7%	55.6%	16.7%	27.7%
M	Western South Island Recent Soils	220 193	8.6%	85.5%	5.9%	8.6%
N	Eastern South Island Plains	2 044 282	26.7%	14.2%	59.1%	26.7%
<i>Central and southern hill country and mountains</i>						
O	Western South Island Foothills and Stewart Island	1 411 632	7.3%	90.8%	1.9%	7.3%
P	Central Mountains	3 248 770	12.9%	80.7%	6.4%	12.9%
Q	Southeastern Hill Country and Mountains	3 271 748	12.4%	64.3%	23.3%	12.4%
R	Southern Alps	1 925 699	0.1%	99.7%	0.2%	0.1%
S	Ultramafic Soils	33 458	6.0%	87.0%	7.0%	6.0%