

Shortlisted flood mitigation measures from community and council engagements

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Table 1. Statistics of community and council consultations and online response forms

TYPE OF CONSULTATION	LOCATION	NUMBER OF PARTICIPANTS	NUMBER OF FORMS
Consultation with councils			
	Tweed Shire Council	5	-
	Byron Shire Council	7	-
	Ballina Shire Council	6	1
	Richmond Valley Council	13	2
	Kyogle Council	11	1
	Lismore City Council	14	13
	Rous County Council	12	3
	Clarence Council	10	-
Public Consultations			
	Casino	24	8
	Lismore	224	154
	Ballina	111	50
	Woodburn	107	81
	Kyogle	36	27
Online forms			
			348
TOTAL		582	688

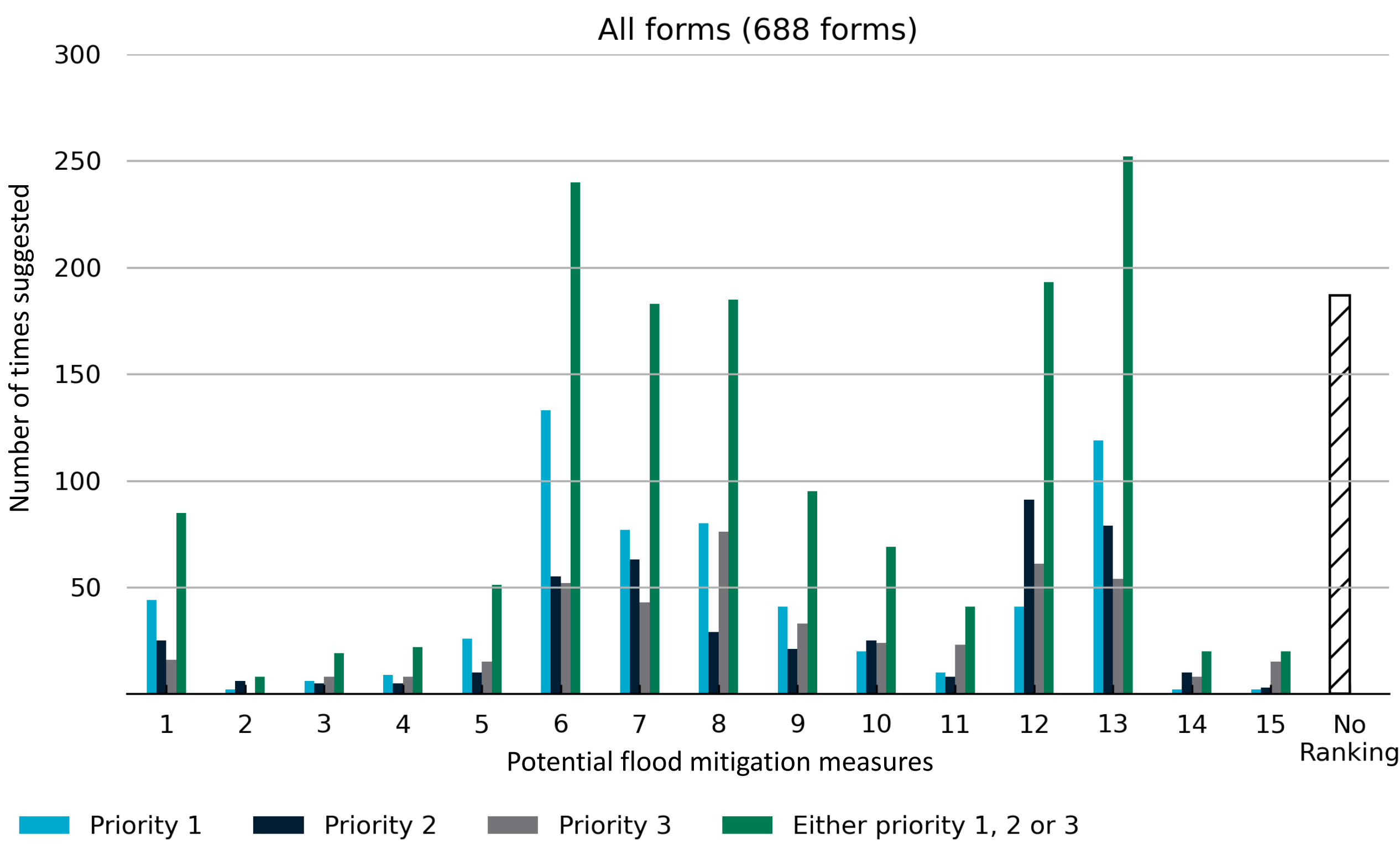


Figure 1. Statistics in all forms (688 forms)

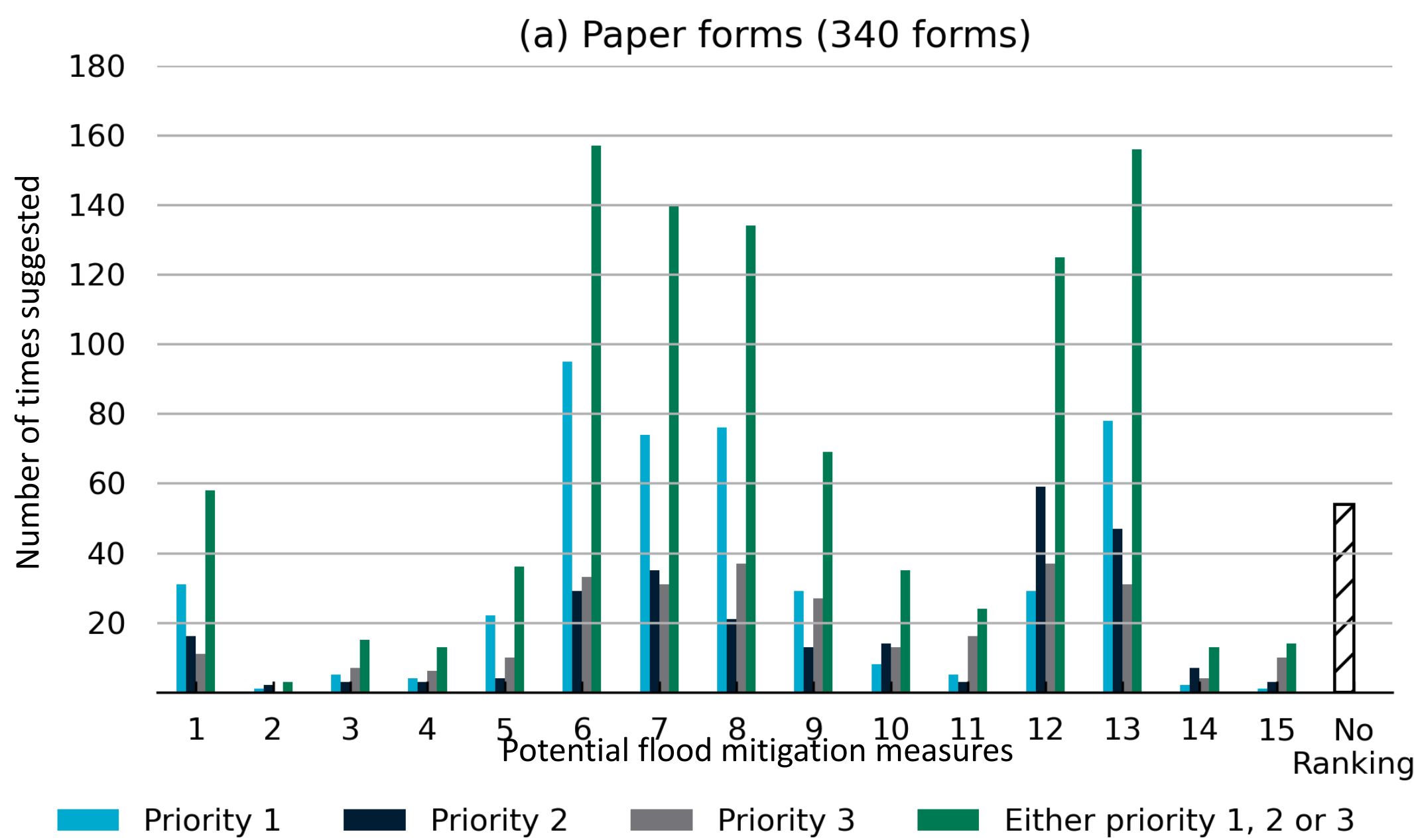


Figure 2. Statistics of paper forms only

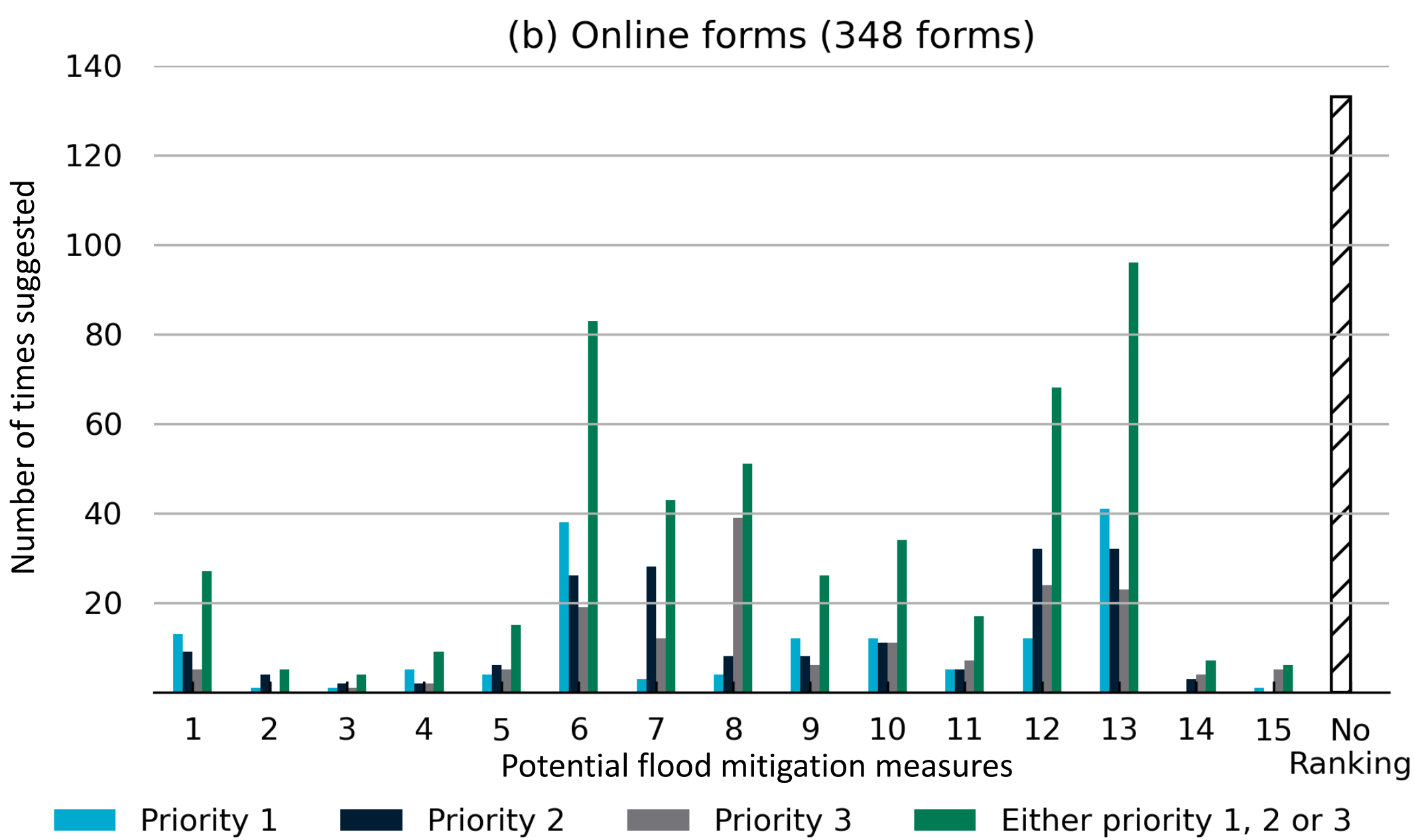


Figure 3. Statistics of online forms only

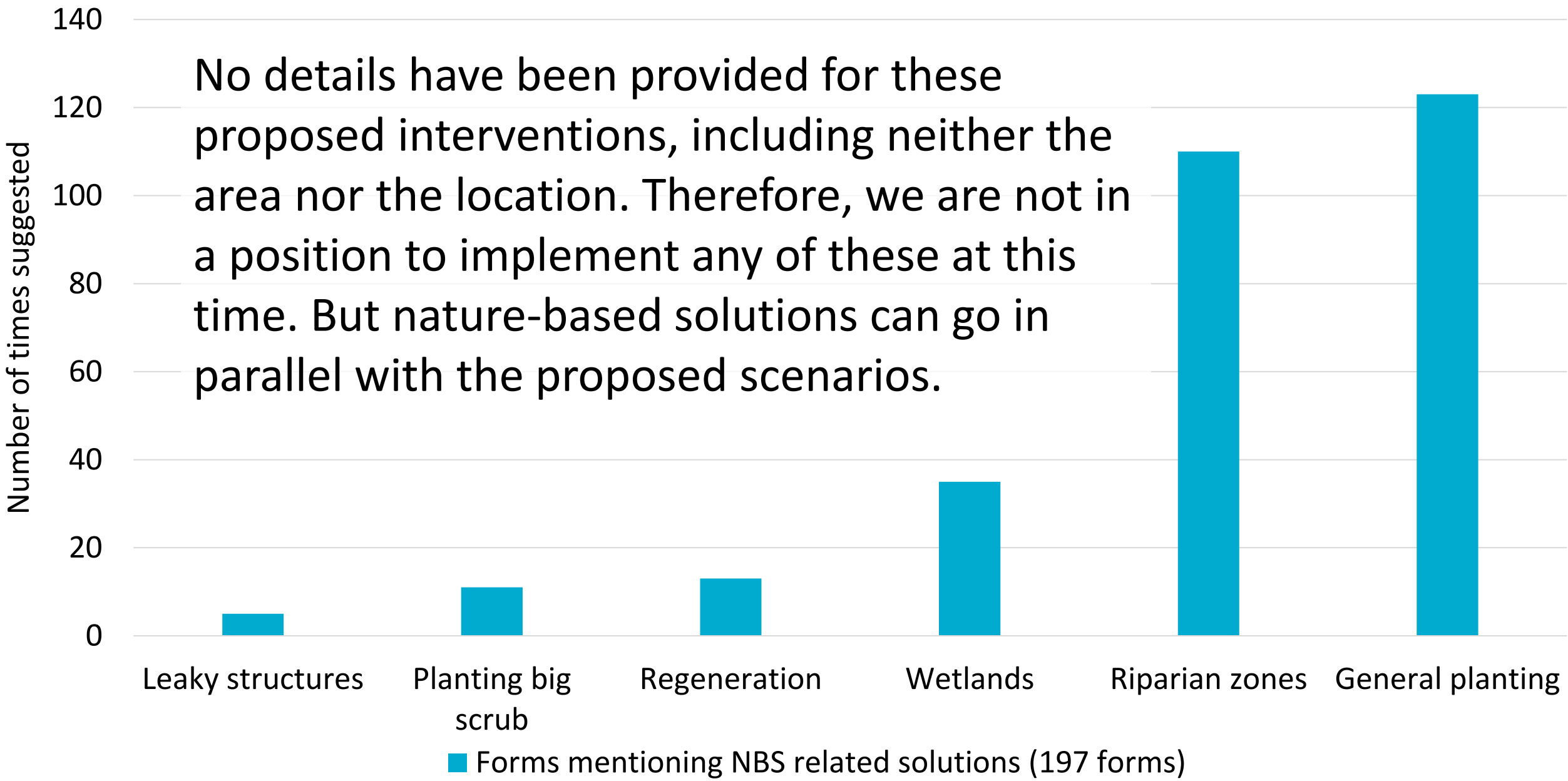


Figure 4. Statistics of Nature-based Solutions (NBS) in all forms

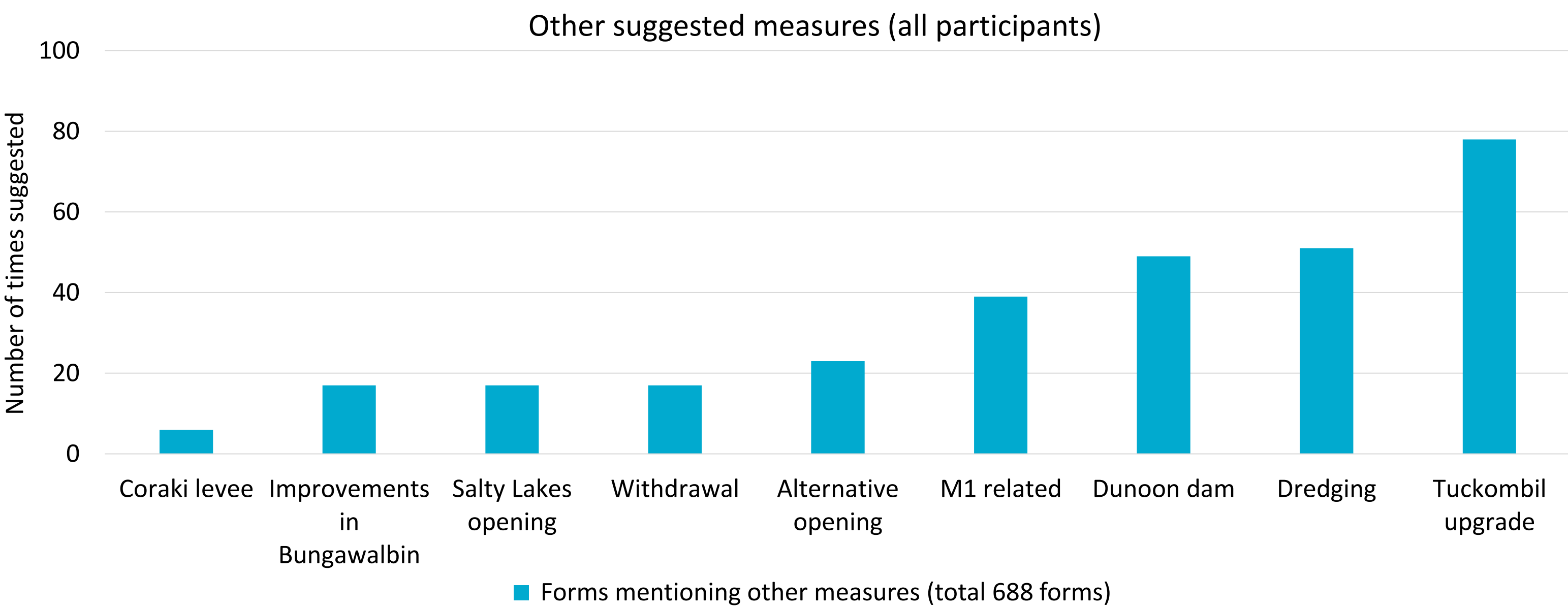


Figure 5. Statistics of other suggested measures in all forms

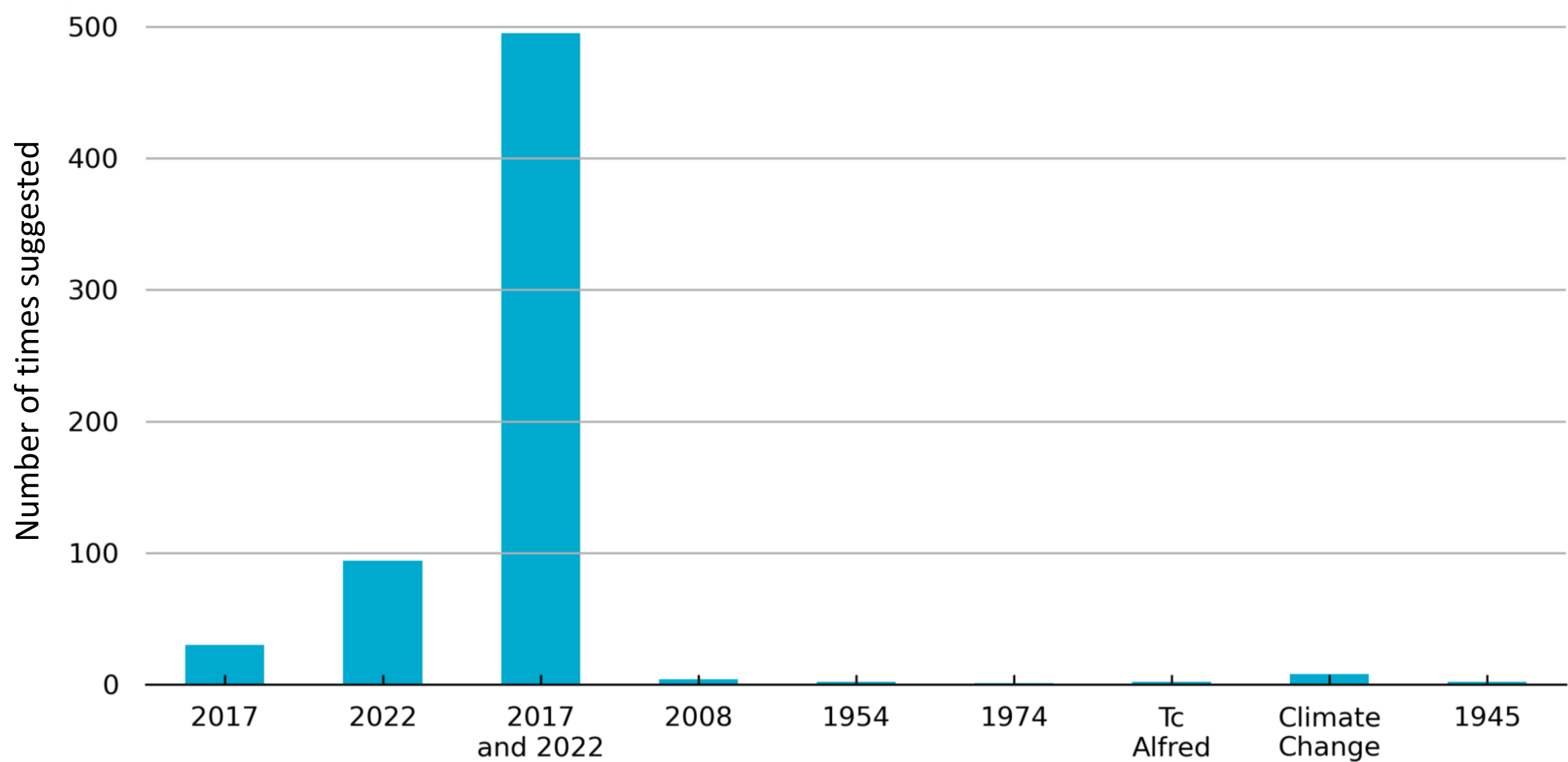


Figure 6. Statistics of selected climates

The two bundles of measures selected by the majority of the community and councils are:

1. Fawcetts Detention, Barlings Detention, Rocky Valley Detention, Upper Nimbin Detention, Corndale Detention, Tuckean Swamp Upgrade, Opening of Boundary Creek, Bruxner Highway Upgrades, Tuckombil Upgrade.
2. Fawcetts Detention, Barlings Detention, Rocky Valley Detention, Upper Nimbin Detention, Corndale Detention, Tuckean Swamp Upgrade, Opening of Boundary Creek, Bruxner Highway Upgrades, Tuckombil Upgrade, Collins Valley Detention, Bentley Detention, Dunoon Detention, Booyong Detention.

The three climates selected by the majority of the community and councils are:

1. 2008 (requested by the Kyogle and Richmond councils)
2. 2017
3. 2022

The six final scenarios are:

1. 2008 climate and bundle 1
2. 2008 climate and bundle 2
3. 2017 climate and bundle 1
4. 2017 climate and bundle 2
5. 2022 climate and bundle 1
6. 2022 climate and bundle 2

FOR FURTHER INFORMATION



Report



Video

HYDRODYNAMIC MODEL DATA SOURCES

Report: Available at the National Emergency Management Agency (NEMA) website.

Citation - Vaze J, Mateo CM, Nguyen C, Marvanek S, Ticehurst C, Montazeri M, Teng J, Wang B, Austin J, Kim S, Lerat J, Yang A, Merrin L and Chilcott C (2025) Hydrodynamic model development, implementation and validation for the Richmond River catchment in the Northern Rivers region, NSW, Australia. CSIRO, Australia.

LiDAR DEM: Available publicly at the Geoscience Australia website.

Bathymetry data: Available publicly at the Geoscience Australia website.

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