

S2 Global summary of total banana producing area - Comparisong of impact between current and future climate.

57924

Table S2.1

	Present			Future		
	RP10	RP100	RP200	RP10	RP100	RP200
Severe	5890	5917	6092	6345	7086	7515
Major	3645	12245	12921	5488	12587	13382
Complete	0	1835	3660	0	2755	4342

Table S2.2 Shares

	Present			Future		
	RP10	RP100	RP200	RP10	RP100	RP200
Severe	10,2%	10,2%	10,5%	11,0%	12,2%	13,0%
Major	6,3%	21,1%	22,3%	9,5%	21,7%	23,1%
Complete	0,0%	3,2%	6,3%	0,0%	4,8%	7,5%

Table S2.3 difference present vs future climate conditions

	RP10	RP100	RP200
Severe	7,7%	19,8%	23,4%
Major	50,6%	2,8%	3,6%
Complete		50,1%	18,6%

Table S2.4 Region - absolute

RP 100

Region	Major		Complete	
	Present	Future	Present	Future
Caribbean	549	600	771	720
Central America	617	396	0	47
South America	200	209	0	0
West Africa	14	14	0	0
East Africa	2764	2852	0	315
South Africa	0	3	0	0
Middle East and North Africa	89	121	0	0
East Asia	1993	1841	82	319
South Asia	2850	2744	37	0
Southeast Asia	2826	3446	927	1262
Oceania	301	304	0	74

Table S2.5 Region - relative

Region	Major		Complete	
	Present	Future	Present	Future
Caribbean	40,5%	44,3%	56,9%	53,2%
Central America	38,0%	24,4%	0,0%	2,9%
South America	1,8%	1,9%	0,0%	0,0%
West Africa	0,3%	0,3%	0,0%	0,0%
East Africa	29,5%	30,4%	0,0%	3,4%
South Africa	0,0%	0,9%	0,0%	0,0%
Middle East and North Africa	12,3%	0,0%	0,0%	0,0%
East Asia	66,8%	61,7%	2,7%	10,7%
South Asia	39,6%	38,1%	0,5%	0,0%
Southeast Asia	24,5%	29,9%	8,0%	10,9%
Oceania	21,0%	21,2%	0,0%	5,2%

Fig. S2.1 Present climate conditions

RP10



RP100



RP200



Fig. S2.1 Future climate conditions



Damage level

■ No Damage

■ Moderate Damage

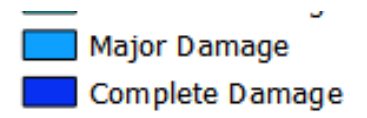


Table S2.6 Pivot 10_P

Row Labels	Severe	Major	Sum of Banana
Caribbean	579	741	1354
Anguilla	0	0	0
Antigua and Barbuda	0	2	2
Aruba	0	0	0
Bahamas	5	0	5
Barbados	0	4	4
Bermuda	0	1	1
Bonaire	0	0	0
British Virgin Islands	0	1	1
Cayman Islands	0	2	2
Cuba	556	91	647
Curacao	0	0	0
Dominica	0	6	6
Dominican Republic	0	238	238
Grenada	0	3	3
Guadeloupe	0	6	6
Haiti	0	229	229
Jamaica	0	94	94
Martinique	0	8	8
Montserrat	0	2	2
Puerto Rico	0	45	45
Saba	0	0	0
Saint Barthelemy	0	0	0
Saint Eustatius	0	0	0
Saint Kitts and Nevis	0	0	0
Saint Lucia	0	5	5
Saint Martin	0	0	0
Saint Vincent and the Grenadines	0	4	4
Sint Maarten	0	0	0
Suriname	0	0	34
Trinidad and Tobago	18	0	18
Turks and Caicos Islands	0	0	0
US Virgin Islands	0	0	0
Central Africa	0	0	5457
Angola	0	0	1728
Central African Republic	0	0	1415
Congo	0	0	492
Congo DRC	0	0	1563
Equatorial Guinea	0	0	199
Gabon	0	0	60
Central America	140	7	1622
Belize	27	0	27
Costa Rica	0	0	67
El Salvador	0	0	1
Guatemala	0	0	264
Honduras	36	0	448
Mexico	77	7	606
Nicaragua	0	0	36

Panama	0	0	173
East Africa	1889	62	9375
Burundi	0	0	206
Comoros	0	0	0
Djibouti	0	0	0
Eritrea	0	0	0
Ethiopia	0	0	831
Kenya	0	0	583
Madagascar	1889	51	2153
Malawi	0	0	104
Mauritius	0	11	11
Mayotte	0	0	0
Mozambique	0	0	1997
Rwanda	0	0	92
Somalia	0	0	100
South Sudan	0	0	553
Tanzania	0	0	1598
Uganda	0	0	1062
Zambia	0	0	6
Zimbabwe	0	0	79
East Asia	806	1263	2982
China	806	1263	2982
Japan	0	0	0
Mongolia	0	0	0
North Korea	0	0	0
South Korea	0	0	0
Europe	0	0	80
Albania	0	0	0
Andorra	0	0	0
Austria	0	0	0
Azores	0	0	0
Belarus	0	0	0
Belgium	0	0	0
Bosnia and Herzegovina	0	0	0
Bouvet Island	0	0	0
Bulgaria	0	0	0
Canarias	0	0	2
Croatia	0	0	0
Cyprus	0	0	9
Czech Republic	0	0	0
Denmark	0	0	0
Estonia	0	0	0
Faroe Islands	0	0	0
Finland	0	0	0
France	0	0	0
Germany	0	0	0
Gibraltar	0	0	0
Greece	0	0	0
Greenland	0	0	0
Guernsey	0	0	0

Hungary	0	0	0
Iceland	0	0	0
Ireland	0	0	0
Isle of Man	0	0	0
Italy	0	0	0
Jersey	0	0	0
Latvia	0	0	0
Liechtenstein	0	0	0
Lithuania	0	0	0
Luxembourg	0	0	0
Madeira	0	0	0
Malta	0	0	0
Moldova	0	0	0
Monaco	0	0	0
Montenegro	0	0	0
Netherlands	0	0	0
North Macedonia	0	0	0
Norway	0	0	0
Poland	0	0	0
Portugal	0	0	9
Romania	0	0	0
Russian Federation	0	0	0
San Marino	0	0	0
Serbia	0	0	0
Slovakia	0	0	0
Slovenia	0	0	0
Spain	0	0	60
Svalbard	0	0	0
Sweden	0	0	0
Switzerland	0	0	0
Ukraine	0	0	0
United Kingdom	0	0	0
Vatican City	0	0	0
Middle East and North Africa	0	0	725
Algeria	0	0	0
Bahrain	0	0	0
Egypt	0	0	258
Iran	0	0	32
Iraq	0	0	1
Israel	0	0	104
Jordan	0	0	8
Kuwait	0	0	0
Lebanon	0	0	14
Libya	0	0	0
Morocco	0	0	53
Oman	0	0	83
Palestinian Territory	0	0	3
Qatar	0	0	0
Saudi Arabia	0	0	0
Sudan	0	0	1

Syria	0	0	0
Tunisia	0	0	0
United Arab Emirates	0	0	0
Yemen	0	0	168
north america	0	18	18
Canada	0	0	0
Saint Pierre and Miquelon	0	0	0
United States	0	18	18
Oceania	58	74	1431
American Samoa	0	0	0
Australia	58	0	137
Christmas Island	0	0	0
Cocos Islands	0	0	0
Cook Islands	0	0	0
Fiji	0	0	18
French Polynesia	0	0	0
Guam	0	0	0
Kiribati	0	0	0
Marshall Islands	0	0	0
Micronesia	0	0	5
Nauru	0	0	0
New Caledonia	0	16	16
New Zealand	0	0	0
Niue	0	0	1
Northern Mariana Islands	0	0	0
Palau	0	0	0
Papua New Guinea	0	0	1194
Samoa	0	0	0
Solomon Islands	0	0	0
Tokelau	0	0	0
Tonga	0	0	2
Tuvalu	0	0	0
Vanuatu	0	58	58
other	0	0	1
French Southern Territories	0	0	0
Glorioso Islands	0	0	0
Heard Island and McDonald Islands	0	0	0
Juan De Nova Island	0	0	0
Norfolk Island	0	0	0
Pitcairn	0	0	0
Réunion	0	0	0
Saint Helena	0	0	0
South Georgia and South Sandwich Islands	0	0	0
United States Minor Outlying Islands	0	0	0
Wallis and Futuna	0	0	1
South Africa	0	0	336
Botswana	0	0	0
Eswatini	0	0	48
Lesotho	0	0	0
Namibia	0	0	4

South Africa	0	0	284
South America	29	0	11147
Argentina	0	0	126
Bolivia	0	0	753
Brazil	0	0	7674
Chile	0	0	0
Colombia	0	0	522
Ecuador	0	0	644
Falkland Islands	0	0	0
French Guiana	0	0	11
Guyana	0	0	57
Paraguay	0	0	518
Peru	0	0	386
Uruguay	0	0	0
Venezuela	29	0	456
South Asia	541	0	7193
Afghanistan	0	0	0
Bangladesh	0	0	376
Bhutan	0	0	3
British Indian Ocean Territory	0	0	0
India	541	0	5734
Maldives	0	0	0
Nepal	0	0	210
Pakistan	0	0	868
Seychelles	0	0	2
Sri Lanka	0	0	0
Southeast Asia	1848	1480	11526
Brunei Darussalam	0	0	8
Cambodia	103	0	651
Indonesia	0	0	2881
Laos	109	0	513
Malaysia	0	0	1175
Myanmar	0	0	18
Philippines	377	1310	2131
Singapore	0	0	0
Thailand	0	0	2193
Timor-Leste	0	0	5
Vietnam	1259	170	1951
West Africa	0	0	4670
Benin	0	0	58
Burkina Faso	0	0	0
Cabo Verde	0	0	14
Cameroon	0	0	1584
Chad	0	0	3
Côte d'Ivoire	0	0	265
Gambia	0	0	0
Ghana	0	0	253
Guinea	0	0	1730
Guinea-Bissau	0	0	10
Liberia	0	0	463

Mali	0	0	8
Mauritania	0	0	0
Niger	0	0	0
Nigeria	0	0	7
Sao Tome and Principe	0	0	11
Senegal	0	0	102
Sierra Leone	0	0	4
Togo	0	0	158
West Asia	0	0	7
Armenia	0	0	0
Azerbaijan	0	0	0
Georgia	0	0	0
Kazakhstan	0	0	0
Kyrgyzstan	0	0	0
Tajikistan	0	0	0
Turkiye	0	0	7
Turkmenistan	0	0	0
Uzbekistan	0	0	0
Grand Total	5890	3645	57924

Table S2.7 Pivot 10_F

Row Labels	Severe	Major	Sum of Banana
Caribbean	670	650	1354
Anguilla	0	0	0
Antigua and Barbuda	0	2	2
Aruba	0	0	0
Bahamas	4	1	5
Barbados	0	4	4
Bermuda	0	1	1
Bonaire	0	0	0
British Virgin Islands	0	1	1
Cayman Islands	2	0	2
Cuba	628	19	647
Curacao	0	0	0
Dominica	0	6	6
Dominican Republic	0	238	238
Grenada	0	3	3
Guadeloupe	0	6	6
Haiti	18	211	229
Jamaica	0	94	94
Martinique	0	8	8
Montserrat	0	2	2
Puerto Rico	0	45	45
Saba	0	0	0
Saint Barthelemy	0	0	0
Saint Eustatius	0	0	0
Saint Kitts and Nevis	0	0	0
Saint Lucia	0	5	5
Saint Martin	0	0	0
Saint Vincent and the Grenadines	0	4	4
Sint Maarten	0	0	0
Suriname	0	0	34
Trinidad and Tobago	18	0	18
Turks and Caicos Islands	0	0	0
US Virgin Islands	0	0	0
Central Africa	0	0	5457
Angola	0	0	1728
Central African Republic	0	0	1415
Congo	0	0	492
Congo DRC	0	0	1563
Equatorial Guinea	0	0	199
Gabon	0	0	60
Central America	130	50	1622
Belize	27	0	27
Costa Rica	0	0	67
El Salvador	0	0	1
Guatemala	0	0	264
Honduras	69	0	448
Mexico	34	50	606
Nicaragua	0	0	36

Panama	0	0	173
East Africa	1751	620	9375
Burundi	0	0	206
Comoros	0	0	0
Djibouti	0	0	0
Eritrea	0	0	0
Ethiopia	0	0	831
Kenya	0	0	583
Madagascar	1511	609	2153
Malawi	0	0	104
Mauritius	0	11	11
Mayotte	0	0	0
Mozambique	240	0	1997
Rwanda	0	0	92
Somalia	0	0	100
South Sudan	0	0	553
Tanzania	0	0	1598
Uganda	0	0	1062
Zambia	0	0	6
Zimbabwe	0	0	79
East Asia	441	1747	2982
China	441	1747	2982
Japan	0	0	0
Mongolia	0	0	0
North Korea	0	0	0
South Korea	0	0	0
Europe	4	0	80
Albania	0	0	0
Andorra	0	0	0
Austria	0	0	0
Azores	0	0	0
Belarus	0	0	0
Belgium	0	0	0
Bosnia and Herzegovina	0	0	0
Bouvet Island	0	0	0
Bulgaria	0	0	0
Canarias	0	0	2
Croatia	0	0	0
Cyprus	0	0	9
Czech Republic	0	0	0
Denmark	0	0	0
Estonia	0	0	0
Faroe Islands	0	0	0
Finland	0	0	0
France	0	0	0
Germany	0	0	0
Gibraltar	0	0	0
Greece	0	0	0
Greenland	0	0	0
Guernsey	0	0	0

Hungary	0	0	0
Iceland	0	0	0
Ireland	0	0	0
Isle of Man	0	0	0
Italy	0	0	0
Jersey	0	0	0
Latvia	0	0	0
Liechtenstein	0	0	0
Lithuania	0	0	0
Luxembourg	0	0	0
Madeira	0	0	0
Malta	0	0	0
Moldova	0	0	0
Monaco	0	0	0
Montenegro	0	0	0
Netherlands	0	0	0
North Macedonia	0	0	0
Norway	0	0	0
Poland	0	0	0
Portugal	4	0	9
Romania	0	0	0
Russian Federation	0	0	0
San Marino	0	0	0
Serbia	0	0	0
Slovakia	0	0	0
Slovenia	0	0	0
Spain	0	0	60
Svalbard	0	0	0
Sweden	0	0	0
Switzerland	0	0	0
Ukraine	0	0	0
United Kingdom	0	0	0
Vatican City	0	0	0
Middle East and North Africa	0	0	725
Algeria	0	0	0
Bahrain	0	0	0
Egypt	0	0	258
Iran	0	0	32
Iraq	0	0	1
Israel	0	0	104
Jordan	0	0	8
Kuwait	0	0	0
Lebanon	0	0	14
Libya	0	0	0
Morocco	0	0	53
Oman	0	0	83
Palestinian Territory	0	0	3
Qatar	0	0	0
Saudi Arabia	0	0	0
Sudan	0	0	1

Syria	0	0	0
Tunisia	0	0	0
United Arab Emirates	0	0	0
Yemen	0	0	168
north america	0	18	18
Canada	0	0	0
Saint Pierre and Miquelon	0	0	0
United States	0	18	18
Oceania	112	78	1431
American Samoa	0	0	0
Australia	107	4	137
Christmas Island	0	0	0
Cocos Islands	0	0	0
Cook Islands	0	0	0
Fiji	0	0	18
French Polynesia	0	0	0
Guam	0	0	0
Kiribati	0	0	0
Marshall Islands	0	0	0
Micronesia	3	0	5
Nauru	0	0	0
New Caledonia	0	16	16
New Zealand	0	0	0
Niue	0	0	1
Northern Mariana Islands	0	0	0
Palau	0	0	0
Papua New Guinea	2	0	1194
Samoa	0	0	0
Solomon Islands	0	0	0
Tokelau	0	0	0
Tonga	0	0	2
Tuvalu	0	0	0
Vanuatu	0	58	58
other	0	0	1
French Southern Territories	0	0	0
Glorioso Islands	0	0	0
Heard Island and McDonald Islands	0	0	0
Juan De Nova Island	0	0	0
Norfolk Island	0	0	0
Pitcairn	0	0	0
Réunion	0	0	0
Saint Helena	0	0	0
South Georgia and South Sandwich Islands	0	0	0
United States Minor Outlying Islands	0	0	0
Wallis and Futuna	0	0	1
South Africa	0	0	336
Botswana	0	0	0
Eswatini	0	0	48
Lesotho	0	0	0
Namibia	0	0	4

South Africa	0	0	284
South America	66	0	11147
Argentina	0	0	126
Bolivia	0	0	753
Brazil	0	0	7674
Chile	0	0	0
Colombia	0	0	522
Ecuador	0	0	644
Falkland Islands	0	0	0
French Guiana	0	0	11
Guyana	0	0	57
Paraguay	0	0	518
Peru	0	0	386
Uruguay	0	0	0
Venezuela	66	0	456
South Asia	1127	0	7193
Afghanistan	0	0	0
Bangladesh	10	0	376
Bhutan	0	0	3
British Indian Ocean Territory	0	0	0
India	1117	0	5734
Maldives	0	0	0
Nepal	0	0	210
Pakistan	0	0	868
Seychelles	0	0	2
Sri Lanka	0	0	0
Southeast Asia	2044	2325	11526
Brunei Darussalam	0	0	8
Cambodia	391	0	651
Indonesia	0	0	2881
Laos	288	1	513
Malaysia	0	0	1175
Myanmar	0	0	18
Philippines	467	1360	2131
Singapore	0	0	0
Thailand	66	0	2193
Timor-Leste	0	0	5
Vietnam	832	964	1951
West Africa	0	0	4670
Benin	0	0	58
Burkina Faso	0	0	0
Cabo Verde	0	0	14
Cameroon	0	0	1584
Chad	0	0	3
Côte d'Ivoire	0	0	265
Gambia	0	0	0
Ghana	0	0	253
Guinea	0	0	1730
Guinea-Bissau	0	0	10
Liberia	0	0	463

Mali	0	0	8
Mauritania	0	0	0
Niger	0	0	0
Nigeria	0	0	7
Sao Tome and Principe	0	0	11
Senegal	0	0	102
Sierra Leone	0	0	4
Togo	0	0	158
West Asia	0	0	7
Armenia	0	0	0
Azerbaijan	0	0	0
Georgia	0	0	0
Kazakhstan	0	0	0
Kyrgyzstan	0	0	0
Tajikistan	0	0	0
Turkiye	0	0	7
Turkmenistan	0	0	0
Uzbekistan	0	0	0
Grand Total	6345	5488	57924

Table S2.8 Pivot 100_P

Row Labels	Severe	Major	Complete	Sum of Banana
Caribbean	0	549	771	1354
Central Africa	0	0	0	5457
Central America	312	617	0	1622
East Africa	985	2764	0	9375
East Asia	251	1993	82	2982
Europe	17	42	0	80
Middle East and North Africa	47	89	0	725
Algeria	0	0	0	0
Bahrain	0	0	0	0
Egypt	0	0	0	258
Iran	0	3	0	32
Iraq	0	0	0	1
Israel	0	0	0	104
Jordan	0	0	0	8
Kuwait	0	0	0	0
Lebanon	0	0	0	14
Libya	0	0	0	0
Morocco	27	26	0	53
Oman	13	58	0	83
Palestinian Territory	0	0	0	3
Qatar	0	0	0	0
Saudi Arabia	0	0	0	0
Sudan	0	0	0	1
Syria	0	0	0	0
Tunisia	0	0	0	0
United Arab Emirates	0	0	0	0
Yemen	7	2	0	168
north america	0	0	18	18
Canada	0	0	0	0
Saint Pierre and Miquelon	0	0	0	0
United States	0	0	18	18
Oceania	150	301	0	1431
American Samoa	0	0	0	0
Australia	4	131	0	137
Christmas Island	0	0	0	0
Cocos Islands	0	0	0	0
Cook Islands	0	0	0	0
Fiji	0	0	0	18
French Polynesia	0	0	0	0
Guam	0	0	0	0
Kiribati	0	0	0	0
Marshall Islands	0	0	0	0
Micronesia	5	0	0	5
Nauru	0	0	0	0
New Caledonia	0	16	0	16
New Zealand	0	0	0	0
Niue	0	0	0	1
Northern Mariana Islands	0	0	0	0

Palau	0	0	0	0
Papua New Guinea	141	96	0	1194
Samoa	0	0	0	0
Solomon Islands	0	0	0	0
Tokelau	0	0	0	0
Tonga	0	0	0	2
Tuvalu	0	0	0	0
Vanuatu	0	58	0	58
other	0	0	0	1
French Southern Territories	0	0	0	0
Glorioso Islands	0	0	0	0
Heard Island and McDonald Islands	0	0	0	0
Juan De Nova Island	0	0	0	0
Norfolk Island	0	0	0	0
Pitcairn	0	0	0	0
Réunion	0	0	0	0
Saint Helena	0	0	0	0
South Georgia and South Sandwich Islands	0	0	0	0
United States Minor Outlying Islands	0	0	0	0
Wallis and Futuna	0	0	0	1
South Africa	42	0	0	336
Botswana	0	0	0	0
Eswatini	4	0	0	48
Lesotho	0	0	0	0
Namibia	0	0	0	4
South Africa	38	0	0	284
South America	100	200	0	11147
Argentina	0	0	0	126
Bolivia	0	0	0	753
Brazil	0	0	0	7674
Chile	0	0	0	0
Colombia	26	14	0	522
Ecuador	0	0	0	644
Falkland Islands	0	0	0	0
French Guiana	0	0	0	11
Guyana	5	0	0	57
Paraguay	0	0	0	518
Peru	0	0	0	386
Uruguay	0	0	0	0
Venezuela	69	186	0	456
South Asia	1995	2850	37	7193
Afghanistan	0	0	0	0
Bangladesh	58	263	21	376
Bhutan	0	0	0	3
British Indian Ocean Territory	0	0	0	0
India	1761	2096	16	5734
Maldives	0	0	0	0
Nepal	0	0	0	210
Pakistan	176	491	0	868
Seychelles	0	0	0	2

Sri Lanka	0	0	0	0
Southeast Asia	2018	2826	927	11526
Brunei Darussalam	0	0	0	8
Cambodia	478	167	0	651
Indonesia	117	3	0	2881
Laos	212	102	0	513
Malaysia	2	0	0	1175
Myanmar	2	0	0	18
Philippines	236	967	927	2131
Singapore	0	0	0	0
Thailand	609	0	0	2193
Timor-Leste	5	0	0	5
Vietnam	357	1587	0	1951
West Africa	0	14	0	4670
Benin	0	0	0	58
Burkina Faso	0	0	0	0
Cabo Verde	0	14	0	14
Cameroon	0	0	0	1584
Chad	0	0	0	3
Côte d'Ivoire	0	0	0	265
Gambia	0	0	0	0
Ghana	0	0	0	253
Guinea	0	0	0	1730
Guinea-Bissau	0	0	0	10
Liberia	0	0	0	463
Mali	0	0	0	8
Mauritania	0	0	0	0
Niger	0	0	0	0
Nigeria	0	0	0	7
Sao Tome and Principe	0	0	0	11
Senegal	0	0	0	102
Sierra Leone	0	0	0	4
Togo	0	0	0	158
West Asia	0	0	0	7
Armenia	0	0	0	0
Azerbaijan	0	0	0	0
Georgia	0	0	0	0
Kazakhstan	0	0	0	0
Kyrgyzstan	0	0	0	0
Tajikistan	0	0	0	0
Turkiye	0	0	0	7
Turkmenistan	0	0	0	0
Uzbekistan	0	0	0	0
Grand Total	5917	12245	1835	57924

Table S2.9 Pivot 100_F

Row Labels	Severe	Major	Complete	Sum of Banana
Caribbean	0	600	720	1354
Anguilla	0	0	0	0
Antigua and Barbuda	0	0	2	2
Aruba	0	0	0	0
Bahamas	0	0	5	5
Barbados	0	0	4	4
Bermuda	0	0	1	1
Bonaire	0	0	0	0
British Virgin Islands	0	0	1	1
Cayman Islands	0	0	2	2
Cuba	0	488	159	647
Curacao	0	0	0	0
Dominica	0	0	6	6
Dominican Republic	0	28	210	238
Grenada	0	0	3	3
Guadeloupe	0	0	6	6
Haiti	0	66	163	229
Jamaica	0	0	94	94
Martinique	0	0	8	8
Montserrat	0	0	2	2
Puerto Rico	0	0	45	45
Saba	0	0	0	0
Saint Barthelemy	0	0	0	0
Saint Eustatius	0	0	0	0
Saint Kitts and Nevis	0	0	0	0
Saint Lucia	0	0	5	5
Saint Martin	0	0	0	0
Saint Vincent and the Grenadines	0	0	4	4
Sint Maarten	0	0	0	0
Suriname	0	0	0	34
Trinidad and Tobago	0	18	0	18
Turks and Caicos Islands	0	0	0	0
US Virgin Islands	0	0	0	0
Central Africa	0	0	0	5457
Angola	0	0	0	1728
Central African Republic	0	0	0	1415
Congo	0	0	0	492
Congo DRC	0	0	0	1563
Equatorial Guinea	0	0	0	199
Gabon	0	0	0	60
Central America	269	396	47	1622
Belize	0	26	1	27
Costa Rica	51	0	0	67
El Salvador	0	0	0	1
Guatemala	14	74	0	264
Honduras	45	176	0	448
Mexico	145	120	46	606
Nicaragua	0	0	0	36

Panama	14	0	0	173
East Africa	922	2852	315	9375
Burundi	0	0	0	206
Comoros	0	0	0	0
Djibouti	0	0	0	0
Eritrea	0	0	0	0
Ethiopia	0	0	0	831
Kenya	0	0	0	583
Madagascar	0	1849	304	2153
Malawi	3	0	0	104
Mauritius	0	0	11	11
Mayotte	0	0	0	0
Mozambique	865	1003	0	1997
Rwanda	0	0	0	92
Somalia	0	0	0	100
South Sudan	0	0	0	553
Tanzania	11	0	0	1598
Uganda	0	0	0	1062
Zambia	0	0	0	6
Zimbabwe	43	0	0	79
East Asia	331	1841	319	2982
China	331	1841	319	2982
Japan	0	0	0	0
Mongolia	0	0	0	0
North Korea	0	0	0	0
South Korea	0	0	0	0
Europe	2	57	0	80
Albania	0	0	0	0
Andorra	0	0	0	0
Austria	0	0	0	0
Azores	0	0	0	0
Belarus	0	0	0	0
Belgium	0	0	0	0
Bosnia and Herzegovina	0	0	0	0
Bouvet Island	0	0	0	0
Bulgaria	0	0	0	0
Canarias	0	2	0	2
Croatia	0	0	0	0
Cyprus	0	0	0	9
Czech Republic	0	0	0	0
Denmark	0	0	0	0
Estonia	0	0	0	0
Faroe Islands	0	0	0	0
Finland	0	0	0	0
France	0	0	0	0
Germany	0	0	0	0
Gibraltar	0	0	0	0
Greece	0	0	0	0
Greenland	0	0	0	0
Guernsey	0	0	0	0

Hungary	0	0	0	0
Iceland	0	0	0	0
Ireland	0	0	0	0
Isle of Man	0	0	0	0
Italy	0	0	0	0
Jersey	0	0	0	0
Latvia	0	0	0	0
Liechtenstein	0	0	0	0
Lithuania	0	0	0	0
Luxembourg	0	0	0	0
Madeira	0	0	0	0
Malta	0	0	0	0
Moldova	0	0	0	0
Monaco	0	0	0	0
Montenegro	0	0	0	0
Netherlands	0	0	0	0
North Macedonia	0	0	0	0
Norway	0	0	0	0
Poland	0	0	0	0
Portugal	0	9	0	9
Romania	0	0	0	0
Russian Federation	0	0	0	0
San Marino	0	0	0	0
Serbia	0	0	0	0
Slovakia	0	0	0	0
Slovenia	0	0	0	0
Spain	2	46	0	60
Svalbard	0	0	0	0
Sweden	0	0	0	0
Switzerland	0	0	0	0
Ukraine	0	0	0	0
United Kingdom	0	0	0	0
Vatican City	0	0	0	0
Middle East and North Africa	35	121	0	725
Algeria	0	0	0	0
Bahrain	0	0	0	0
Egypt	0	0	0	258
Iran	3	3	0	32
Iraq	0	0	0	1
Israel	0	0	0	104
Jordan	0	0	0	8
Kuwait	0	0	0	0
Lebanon	0	0	0	14
Libya	0	0	0	0
Morocco	0	53	0	53
Oman	21	58	0	83
Palestinian Territory	0	0	0	3
Qatar	0	0	0	0
Saudi Arabia	0	0	0	0
Sudan	0	0	0	1

Syria	0	0	0	0
Tunisia	0	0	0	0
United Arab Emirates	0	0	0	0
Yemen	11	7	0	168
north america	0	0	18	18
Canada	0	0	0	0
Saint Pierre and Miquelon	0	0	0	0
United States	0	0	18	18
Oceania	221	304	74	1431
American Samoa	0	0	0	0
Australia	3	134	0	137
Christmas Island	0	0	0	0
Cocos Islands	0	0	0	0
Cook Islands	0	0	0	0
Fiji	0	0	0	18
French Polynesia	0	0	0	0
Guam	0	0	0	0
Kiribati	0	0	0	0
Marshall Islands	0	0	0	0
Micronesia	2	3	0	5
Nauru	0	0	0	0
New Caledonia	0	0	16	16
New Zealand	0	0	0	0
Niue	0	0	0	1
Northern Mariana Islands	0	0	0	0
Palau	0	0	0	0
Papua New Guinea	216	167	0	1194
Samoa	0	0	0	0
Solomon Islands	0	0	0	0
Tokelau	0	0	0	0
Tonga	0	0	0	2
Tuvalu	0	0	0	0
Vanuatu	0	0	58	58
other	0	0	0	1
French Southern Territories	0	0	0	0
Glorioso Islands	0	0	0	0
Heard Island and McDonald Islands	0	0	0	0
Juan De Nova Island	0	0	0	0
Norfolk Island	0	0	0	0
Pitcairn	0	0	0	0
Réunion	0	0	0	0
Saint Helena	0	0	0	0
South Georgia and South Sandwich Islands	0	0	0	0
United States Minor Outlying Islands	0	0	0	0
Wallis and Futuna	0	0	0	1
South Africa	100	3	0	336
Botswana	0	0	0	0
Eswatini	48	0	0	48
Lesotho	0	0	0	0
Namibia	0	0	0	4

South Africa	52	3	0	284
South America	133	209	0	11147
Argentina	0	0	0	126
Bolivia	0	0	0	753
Brazil	0	0	0	7674
Chile	0	0	0	0
Colombia	25	15	0	522
Ecuador	0	0	0	644
Falkland Islands	0	0	0	0
French Guiana	0	0	0	11
Guyana	29	0	0	57
Paraguay	0	0	0	518
Peru	0	0	0	386
Uruguay	0	0	0	0
Venezuela	79	194	0	456
South Asia	2827	2744	0	7193
Afghanistan	0	0	0	0
Bangladesh	104	238	0	376
Bhutan	0	0	0	3
British Indian Ocean Territory	0	0	0	0
India	2512	1973	0	5734
Maldives	0	0	0	0
Nepal	0	0	0	210
Pakistan	211	533	0	868
Seychelles	0	0	0	2
Sri Lanka	0	0	0	0
Southeast Asia	2238	3446	1262	11526
Brunei Darussalam	0	0	0	8
Cambodia	283	368	0	651
Indonesia	497	48	0	2881
Laos	164	268	0	513
Malaysia	43	0	0	1175
Myanmar	9	0	0	18
Philippines	142	727	1262	2131
Singapore	0	0	0	0
Thailand	957	222	0	2193
Timor-Leste	5	0	0	5
Vietnam	138	1813	0	1951
West Africa	8	14	0	4670
Benin	0	0	0	58
Burkina Faso	0	0	0	0
Cabo Verde	0	14	0	14
Cameroon	0	0	0	1584
Chad	0	0	0	3
Côte d'Ivoire	0	0	0	265
Gambia	0	0	0	0
Ghana	0	0	0	253
Guinea	0	0	0	1730
Guinea-Bissau	8	0	0	10
Liberia	0	0	0	463

Mali	0	0	0	8
Mauritania	0	0	0	0
Niger	0	0	0	0
Nigeria	0	0	0	7
Sao Tome and Principe	0	0	0	11
Senegal	0	0	0	102
Sierra Leone	0	0	0	4
Togo	0	0	0	158
West Asia	0	0	0	7
Armenia	0	0	0	0
Azerbaijan	0	0	0	0
Georgia	0	0	0	0
Kazakhstan	0	0	0	0
Kyrgyzstan	0	0	0	0
Tajikistan	0	0	0	0
Turkiye	0	0	0	7
Turkmenistan	0	0	0	0
Uzbekistan	0	0	0	0
Grand Total	7086	12587	2755	57924

Table S2.10 Pivot 200_P

Row Labels	Severe	Major	Complete	Sum of Banana
Caribbean	0	8	1312	1354
Central Africa	0	0	0	5457
Central America	392	777	70	1622
East Africa	841	2984	219	9375
East Asia	290	1979	149	2982
Europe	2	57	0	80
Middle East and North Africa	32	130	0	725
north america	0	0	18	18
Canada	0	0	0	0
Saint Pierre and Miquelon	0	0	0	0
United States	0	0	18	18
Oceania	175	348	52	1431
American Samoa	0	0	0	0
Australia	3	133	0	137
Christmas Island	0	0	0	0
Cocos Islands	0	0	0	0
Cook Islands	0	0	0	0
Fiji	0	0	0	18
French Polynesia	0	0	0	0
Guam	0	0	0	0
Kiribati	0	0	0	0
Marshall Islands	0	0	0	0
Micronesia	2	3	0	5
Nauru	0	0	0	0
New Caledonia	0	16	0	16
New Zealand	0	0	0	0
Niue	0	0	0	1
Northern Mariana Islands	0	0	0	0
Palau	0	0	0	0
Papua New Guinea	170	190	0	1194
Samoa	0	0	0	0
Solomon Islands	0	0	0	0
Tokelau	0	0	0	0
Tonga	0	0	0	2
Tuvalu	0	0	0	0
Vanuatu	0	6	52	58
other	0	0	0	1
French Southern Territories	0	0	0	0
Glorioso Islands	0	0	0	0
Heard Island and McDonald Islands	0	0	0	0
Juan De Nova Island	0	0	0	0
Norfolk Island	0	0	0	0
Pitcairn	0	0	0	0
Réunion	0	0	0	0
Saint Helena	0	0	0	0
South Georgia and South Sandwich Islands	0	0	0	0
United States Minor Outlying Islands	0	0	0	0
Wallis and Futuna	0	0	0	1

South Africa	84	11	0	336
Botswana	0	0	0	0
Eswatini	48	0	0	48
Lesotho	0	0	0	0
Namibia	0	0	0	4
South Africa	36	11	0	284
South America	119	238	4	11147
Argentina	0	0	0	126
Bolivia	0	0	0	753
Brazil	0	0	0	7674
Chile	0	0	0	0
Colombia	14	26	0	522
Ecuador	0	0	0	644
Falkland Islands	0	0	0	0
French Guiana	0	0	0	11
Guyana	17	0	0	57
Paraguay	0	0	0	518
Peru	0	0	0	386
Uruguay	0	0	0	0
Venezuela	88	212	4	456
South Asia	2010	3337	557	7193
Afghanistan	0	0	0	0
Bangladesh	37	148	184	376
Bhutan	0	0	0	3
British Indian Ocean Territory	0	0	0	0
India	1871	2582	373	5734
Maldives	0	0	0	0
Nepal	0	0	0	210
Pakistan	102	607	0	868
Seychelles	0	0	0	2
Sri Lanka	0	0	0	0
Southeast Asia	2147	3038	1279	11526
Brunei Darussalam	0	0	0	8
Cambodia	362	289	0	651
Indonesia	311	52	0	2881
Laos	167	192	0	513
Malaysia	26	0	0	1175
Myanmar	3	2	0	18
Philippines	130	721	1279	2131
Singapore	0	0	0	0
Thailand	904	70	0	2193
Timor-Leste	5	0	0	5
Vietnam	239	1712	0	1951
West Africa	0	14	0	4670
Benin	0	0	0	58
Burkina Faso	0	0	0	0
Cabo Verde	0	14	0	14
Cameroon	0	0	0	1584
Chad	0	0	0	3
Côte d'Ivoire	0	0	0	265

Gambia	0	0	0	0
Ghana	0	0	0	253
Guinea	0	0	0	1730
Guinea-Bissau	0	0	0	10
Liberia	0	0	0	463
Mali	0	0	0	8
Mauritania	0	0	0	0
Niger	0	0	0	0
Nigeria	0	0	0	7
Sao Tome and Principe	0	0	0	11
Senegal	0	0	0	102
Sierra Leone	0	0	0	4
Togo	0	0	0	158
West Asia	0	0	0	7
Armenia	0	0	0	0
Azerbaijan	0	0	0	0
Georgia	0	0	0	0
Kazakhstan	0	0	0	0
Kyrgyzstan	0	0	0	0
Tajikistan	0	0	0	0
Turkiye	0	0	0	7
Turkmenistan	0	0	0	0
Uzbekistan	0	0	0	0
Grand Total	6092	12921	3660	57924

Table S2.11 Pivot 200_F

Row Labels	Severe	Major	Complete	Sum of Banana
Caribbean	34	5	1315	1354
Anguilla	0	0	0	0
Antigua and Barbuda	0	0	2	2
Aruba	0	0	0	0
Bahamas	0	0	5	5
Barbados	0	0	4	4
Bermuda	0	0	1	1
Bonaire	0	0	0	0
British Virgin Islands	0	0	1	1
Cayman Islands	0	0	2	2
Cuba	0	0	647	647
Curacao	0	0	0	0
Dominica	0	0	6	6
Dominican Republic	0	0	238	238
Grenada	0	0	3	3
Guadeloupe	0	0	6	6
Haiti	0	0	229	229
Jamaica	0	0	94	94
Martinique	0	0	8	8
Montserrat	0	0	2	2
Puerto Rico	0	0	45	45
Saba	0	0	0	0
Saint Barthelemy	0	0	0	0
Saint Eustatius	0	0	0	0
Saint Kitts and Nevis	0	0	0	0
Saint Lucia	0	0	5	5
Saint Martin	0	0	0	0
Saint Vincent and the Grenadines	0	0	4	4
Sint Maarten	0	0	0	0
Suriname	34	0	0	34
Trinidad and Tobago	0	5	13	18
Turks and Caicos Islands	0	0	0	0
US Virgin Islands	0	0	0	0
Central Africa	209	0	0	5457
Angola	209	0	0	1728
Central African Republic	0	0	0	1415
Congo	0	0	0	492
Congo DRC	0	0	0	1563
Equatorial Guinea	0	0	0	199
Gabon	0	0	0	60
Central America	224	454	99	1622
Belize	0	0	27	27
Costa Rica	24	35	0	67
El Salvador	0	0	0	1
Guatemala	0	88	0	264
Honduras	0	219	2	448
Mexico	157	112	70	606
Nicaragua	0	0	0	36
Panama	43	0	0	173
East Africa	733	2603	903	9375
Burundi	0	0	0	206
Comoros	0	0	0	0
Djibouti	0	0	0	0
Eritrea	0	0	0	0

Ethiopia	0	0	0	831
Kenya	0	0	0	583
Madagascar	0	1261	892	2153
Malawi	5	0	0	104
Mauritius	0	0	11	11
Mayotte	0	0	0	0
Mozambique	636	1330	0	1997
Rwanda	0	0	0	92
Somalia	0	0	0	100
South Sudan	0	0	0	553
Tanzania	27	10	0	1598
Uganda	0	0	0	1062
Zambia	0	0	0	6
Zimbabwe	65	2	0	79
East Asia	361	1681	557	2982
China	361	1681	557	2982
Japan	0	0	0	0
Mongolia	0	0	0	0
North Korea	0	0	0	0
South Korea	0	0	0	0
Europe	0	59	0	80
Albania	0	0	0	0
Andorra	0	0	0	0
Austria	0	0	0	0
Azores	0	0	0	0
Belarus	0	0	0	0
Belgium	0	0	0	0
Bosnia and Herzegovina	0	0	0	0
Bouvet Island	0	0	0	0
Bulgaria	0	0	0	0
Canarias	0	2	0	2
Croatia	0	0	0	0
Cyprus	0	0	0	9
Czech Republic	0	0	0	0
Denmark	0	0	0	0
Estonia	0	0	0	0
Faroe Islands	0	0	0	0
Finland	0	0	0	0
France	0	0	0	0
Germany	0	0	0	0
Gibraltar	0	0	0	0
Greece	0	0	0	0
Greenland	0	0	0	0
Guernsey	0	0	0	0
Hungary	0	0	0	0
Iceland	0	0	0	0
Ireland	0	0	0	0
Isle of Man	0	0	0	0
Italy	0	0	0	0
Jersey	0	0	0	0
Latvia	0	0	0	0
Liechtenstein	0	0	0	0
Lithuania	0	0	0	0
Luxembourg	0	0	0	0
Madeira	0	0	0	0
Malta	0	0	0	0

Moldova	0	0	0	0
Monaco	0	0	0	0
Montenegro	0	0	0	0
Netherlands	0	0	0	0
North Macedonia	0	0	0	0
Norway	0	0	0	0
Poland	0	0	0	0
Portugal	0	9	0	9
Romania	0	0	0	0
Russian Federation	0	0	0	0
San Marino	0	0	0	0
Serbia	0	0	0	0
Slovakia	0	0	0	0
Slovenia	0	0	0	0
Spain	0	48	0	60
Svalbard	0	0	0	0
Sweden	0	0	0	0
Switzerland	0	0	0	0
Ukraine	0	0	0	0
United Kingdom	0	0	0	0
Vatican City	0	0	0	0
Middle East and North Africa	51	130	1	725
Algeria	0	0	0	0
Bahrain	0	0	0	0
Egypt	0	0	0	258
Iran	3	3	0	32
Iraq	0	0	0	1
Israel	0	0	0	104
Jordan	0	0	0	8
Kuwait	0	0	0	0
Lebanon	0	0	0	14
Libya	0	0	0	0
Morocco	0	53	0	53
Oman	16	66	1	83
Palestinian Territory	0	0	0	3
Qatar	0	0	0	0
Saudi Arabia	0	0	0	0
Sudan	0	0	0	1
Syria	0	0	0	0
Tunisia	0	0	0	0
United Arab Emirates	0	0	0	0
Yemen	32	8	0	168
north america	0	0	18	18
Canada	0	0	0	0
Saint Pierre and Miquelon	0	0	0	0
United States	0	0	18	18
Oceania	251	368	84	1431
American Samoa	0	0	0	0
Australia	3	126	8	137
Christmas Island	0	0	0	0
Cocos Islands	0	0	0	0
Cook Islands	0	0	0	0
Fiji	0	0	0	18
French Polynesia	0	0	0	0
Guam	0	0	0	0
Kiribati	0	0	0	0

Marshall Islands	0	0	0	0
Micronesia	2	3	0	5
Nauru	0	0	0	0
New Caledonia	0	0	16	16
New Zealand	0	0	0	0
Niue	0	0	0	1
Northern Mariana Islands	0	0	0	0
Palau	0	0	0	0
Papua New Guinea	246	239	2	1194
Samoa	0	0	0	0
Solomon Islands	0	0	0	0
Tokelau	0	0	0	0
Tonga	0	0	0	2
Tuvalu	0	0	0	0
Vanuatu	0	0	58	58
other	0	0	0	1
French Southern Territories	0	0	0	0
Glorioso Islands	0	0	0	0
Heard Island and McDonald Islands	0	0	0	0
Juan De Nova Island	0	0	0	0
Norfolk Island	0	0	0	0
Pitcairn	0	0	0	0
Réunion	0	0	0	0
Saint Helena	0	0	0	0
South Georgia and South Sandwich Islands	0	0	0	0
United States Minor Outlying Islands	0	0	0	0
Wallis and Futuna	0	0	0	1
South Africa	78	40	0	336
Botswana	0	0	0	0
Eswatini	45	3	0	48
Lesotho	0	0	0	0
Namibia	0	0	0	4
South Africa	33	37	0	284
South America	160	249	2	11147
Argentina	0	0	0	126
Bolivia	0	0	0	753
Brazil	0	0	0	7674
Chile	0	0	0	0
Colombia	10	30	0	522
Ecuador	0	0	0	644
Falkland Islands	0	0	0	0
French Guiana	7	0	0	11
Guyana	38	5	0	57
Paraguay	0	0	0	518
Peru	0	0	0	386
Uruguay	0	0	0	0
Venezuela	105	214	2	456
South Asia	2300	3790	10	7193
Afghanistan	0	0	0	0
Bangladesh	77	291	0	376
Bhutan	0	0	0	3
British Indian Ocean Territory	0	0	0	0
India	2065	2871	8	5734
Maldives	0	0	0	0
Nepal	0	0	0	210
Pakistan	158	628	2	868

Seychelles	0	0	0	2
Sri Lanka	0	0	0	0
Southeast Asia	2863	3989	1353	11526
Brunei Darussalam	1	0	0	8
Cambodia	147	504	0	651
Indonesia	1050	75	0	2881
Laos	181	303	0	513
Malaysia	189	0	0	1175
Myanmar	12	0	0	18
Philippines	27	751	1353	2131
Singapore	0	0	0	0
Thailand	1210	446	0	2193
Timor-Leste	0	5	0	5
Vietnam	46	1905	0	1951
West Africa	251	14	0	4670
Benin	0	0	0	58
Burkina Faso	0	0	0	0
Cabo Verde	0	14	0	14
Cameroon	0	0	0	1584
Chad	0	0	0	3
Côte d'Ivoire	0	0	0	265
Gambia	0	0	0	0
Ghana	0	0	0	253
Guinea	207	0	0	1730
Guinea-Bissau	10	0	0	10
Liberia	0	0	0	463
Mali	0	0	0	8
Mauritania	0	0	0	0
Niger	0	0	0	0
Nigeria	0	0	0	7
Sao Tome and Principe	0	0	0	11
Senegal	34	0	0	102
Sierra Leone	0	0	0	4
Togo	0	0	0	158
West Asia	0	0	0	7
Armenia	0	0	0	0
Azerbaijan	0	0	0	0
Georgia	0	0	0	0
Kazakhstan	0	0	0	0
Kyrgyzstan	0	0	0	0
Tajikistan	0	0	0	0
Turkiye	0	0	0	7
Turkmenistan	0	0	0	0
Uzbekistan	0	0	0	0
Grand Total	7515	13382	4342	57924