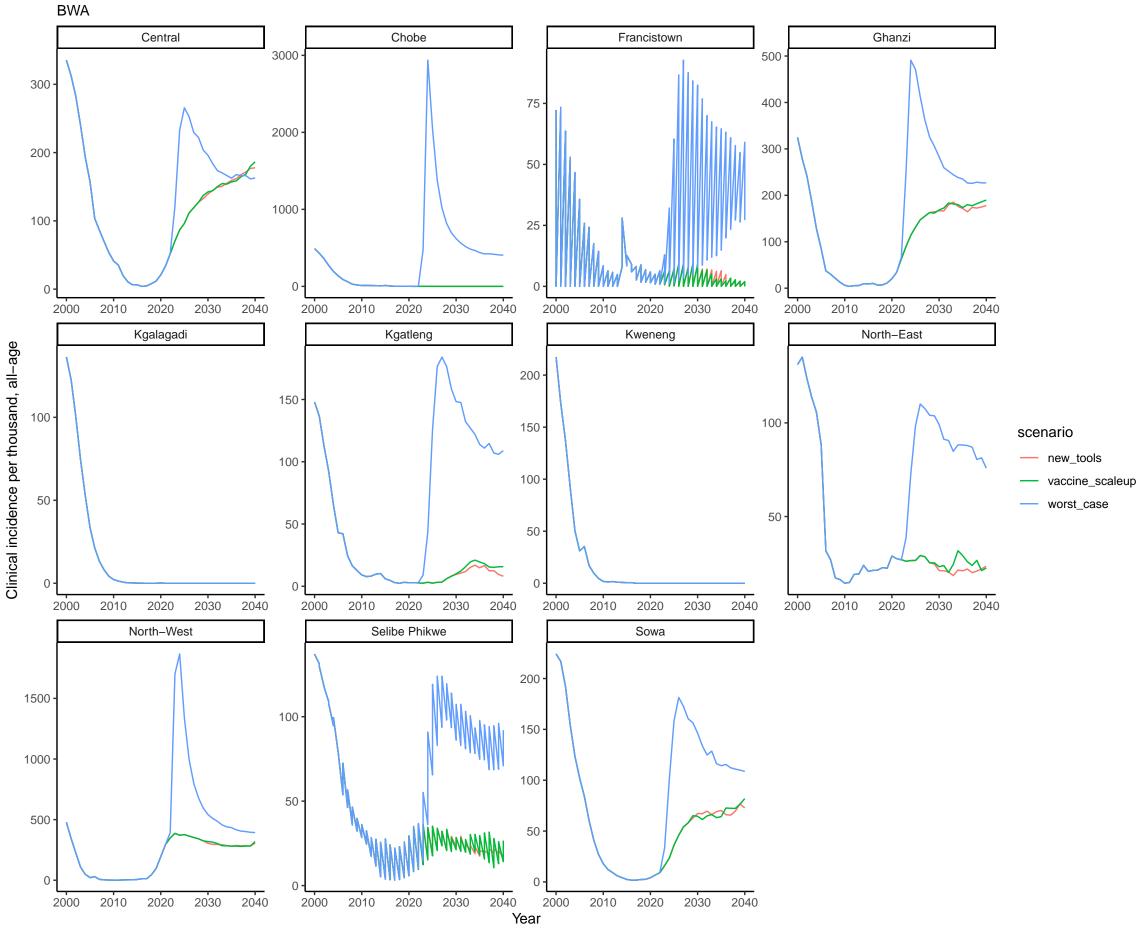
All-age clinical incidence over time by scenario AGO Bie Cabinda Cuando Cubango Bengo Benguela 2000 2010 2020 2030 2010 2020 2030 2000 2010 2020 2030 2000 2010 2030 2040 Cuanza Norte Cuanza Sul Cunene Huambo Huila Clinical incidence ber thousand, all-age scenario 2000 2010 2020 2030 2040 2010 2020 2030 2040 2000 2010 2020 2030 2040 2020 2030 2020 2030 2040 new\_tools vaccine\_scaleup Lunda Sul Luanda Lunda Norte Malanje Moxico worst\_case 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2000 2010 2020 2030 2040 Namibe Uige Zaire 2000 2010 2020 2030 2040 2010 2020 2030 2040 Year

All-age clinical incidence over time by scenario BDI Bubanza Bujumbura Mairie Bujumbura Rural Cankuzo Bururi 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2000 2010 Cibitoke Gitega Karuzi Kayanza Kirundo Clinical incidence per thousand, all-age scenario 2010 2020 2030 2040 2020 2030 2040 2020 2030 2020 2030 2000 2010 2030 2040 new\_tools vaccine\_scaleup Muramvya Makamba Muyinga Mwaro Ngozi worst\_case 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2010 2020 2030 2040 2000 2010 2020 2030 2040 2010 2020 2030 2040 Rutana Ruyigi 2000 2010 2020 2030 2040 2010 2020 2030 2040 Year

All-age clinical incidence over time by scenario BEN Alibori Atlantique Borgou Atakora Collines Donga Kouffo Littoral Clinical incidence per thousand, all-age scenario new\_tools vaccine\_scaleup worst\_case Zou Mono Oueme Plateau Year

All-age clinical incidence over time by scenario **BFA** Centre Boucle du Mouhoun Cascades Centre-Est Centre-Nord Centre-Ouest Centre-Sud Est Clinical incidence per thousand, all-age scenario new\_tools Plateau-Central vaccine\_scaleup Haut-Bassins Nord Sahel worst\_case Sud-Ouest 

All-age clinical incidence over time by scenario BWA



All-age clinical incidence over time by scenario CAF Bamingui-Bangoran Bangui Basse-Kotto Haut-Mbomou Haute-Kotto 2000 2010 2020 2000 2010 2020 2030 2040 2000 2010 2020 2000 2010 Kemo Lobaye Mambere-Kadei Mbomou Nana-Grebizi Clinical incidence per thousand, all-age scenario 2010 2020 2030 2010 2020 2000 2010 2020 2030 2040 2020 2030 2040 2010 2020 new\_tools vaccine\_scaleup Ombella-M'Poko Nana-Mambere Ouaka Ouham Ouham-Pende worst\_case 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2000 2010 2020 2030 2040 Sangha-Mbaere Vakaga 

2000 2010 2020 2030 2040

2000 2010 2020 2030 2040

All-age clinical incidence over time by scenario CIV Abidjan Bas-Sassandra Comoe Denguele Goh-Djiboua Lacs Lagunes Montagnes Clinical incidence ber thousand, all-age scenario new\_tools Vallee du Bandama vaccine\_scaleup Sassandra-Marahoue Savanes Woroba worst\_case Yamoussoukro Zanzan 

All-age clinical incidence over time by scenario CMR Centre Extreme-Nord Adamaoua Est Littoral Nord Nord-Ouest Ouest Clinical incidence per thousand, all-age scenario new\_tools vaccine\_scaleup worst\_case 0 -Sud Sud-Ouest 

All-age clinical incidence over time by scenario COD Bas-Uele Haut-Uele Haut-Katanga Haut-Lomami Equateur Ituri 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 Kasai-Central Kasai-Oriental Kinshasa Kongo-Central Kasai Kwango Clinical incidence per thousand, all-age 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 Kwilu Lomami Lualaba Mai-Ndombe Maniema Mongala scenario new\_tools MMM vaccine\_scaleup worst\_case 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 Nord-Kivu Nord-Ubangi Sankuru Sud-Kivu Sud-Ubangi Tanganyika 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 Tshopo Tshuapa 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 Year

All-age clinical incidence over time by scenario COG Cuvette-Ouest Bouenza Brazzaville Cuvette Kouilou Lekoumou Likouala Niari Clinical incidence per thousand, all-age scenario new\_tools vaccine\_scaleup worst\_case Plateaux Pointe Noire Pool Sangha 

Year

All-age clinical incidence over time by scenario ERI Anseba Debub Debubawi Keyih Bahri 50 -Clinical incidence per thousand, all-age scenario new\_tools Gash Barka Maekel Semenawi Keyih Bahri vaccine\_scaleup worst\_case Year

All-age clinical incidence over time by scenario ETH Benshangul-Gumaz Addis Abeba Afar Amhara Gambela Peoples Harari People Dire Dawa Oromia Clinical incidence per thousand, all-age scenario new\_tools vaccine\_scaleup worst\_case Tigray Somali uthern Nations, Nationalities and Peopl Year

All-age clinical incidence over time by scenario GAB Haut-Ogooue Moyen-Ogooue Estuaire 400 -Ogooue-Ivindo Ngounie Nyanga Clinical incidence per thousand, all-age scenario new\_tools vaccine\_scaleup worst\_case Ogooue-Maritime Wouleu-Ntem Ogooue-Lolo 

Year

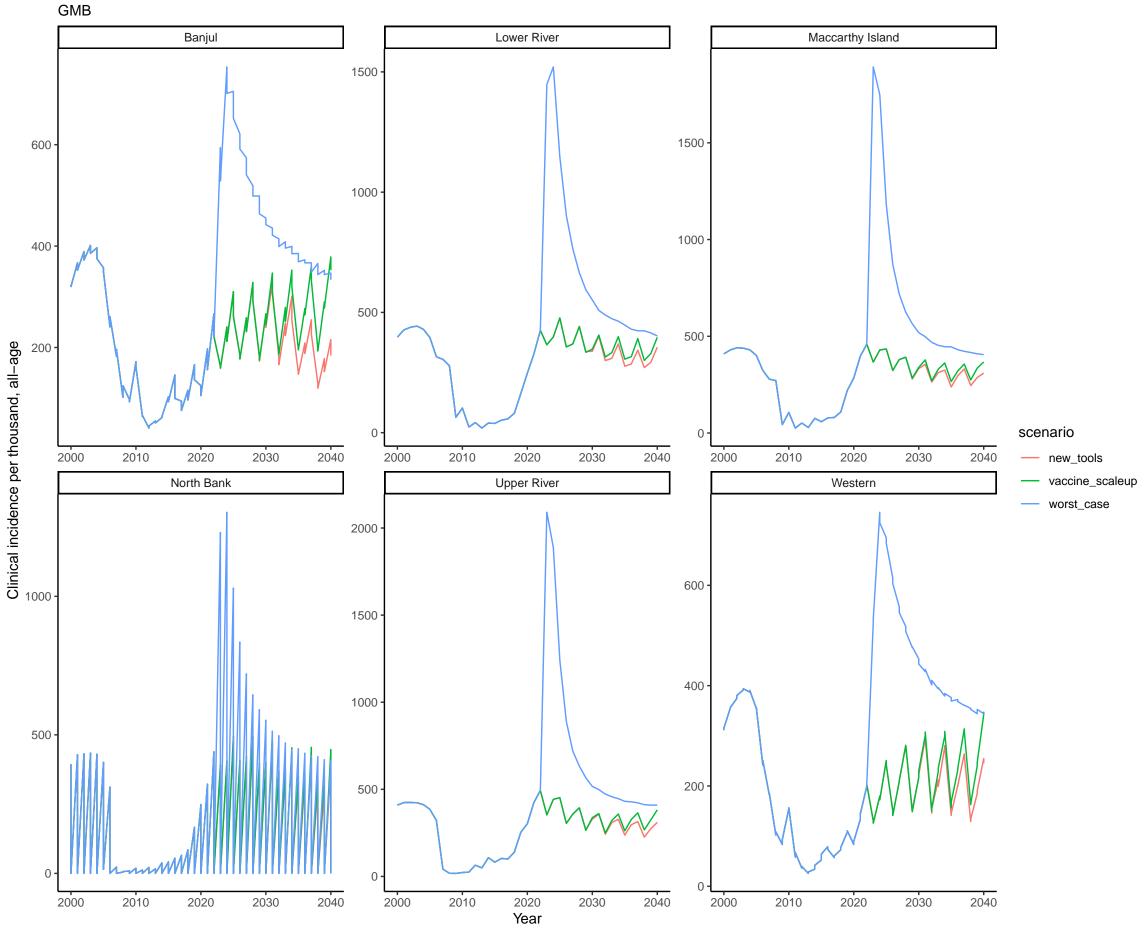
All-age clinical incidence over time by scenario GHA Ashanti Brong Ahafo Central Eastern 300 -Upper East Upper West Greater Accra Northern Clinical incidence per thousand, all-age scenario new\_tools vaccine\_scaleup 500 worst\_case Western Volta 200 -

Year

All-age clinical incidence over time by scenario GIN Conakry Faranah Boke Kankan Kindia Labe Clinical incidence per thousand, all-age scenario new\_tools vaccine\_scaleup worst\_case Nzerekore Mamou 

Year

All-age clinical incidence over time by scenario GMB



All-age clinical incidence over time by scenario GNB Bissau Bafata Biombo Bolama Cacheu Gabu Clinical incidence per thousand, all-age scenario new\_tools vaccine\_scaleup worst\_case Oio Quinara Tombali 400 · Year

All-age clinical incidence over time by scenario GNQ Centro Sur Kie-Ntem 400 -Clinical incidence per thousand, all-age scenario — new\_tools Litoral Wele-Nzas vaccine\_scaleup worst\_case 

Year

All-age clinical incidence over time by scenario **KEN** Baringo **Bomet** Bungoma Busia Elgeyo-Marakwet Embu Garissa 800 250 300 400 300 200 300 600 200 300 150 200 200 200 400 100 200 100 100 100 100 MMM 50 100 200@01@02@03@040 20002010202020302040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 Kilifi Homa Bay Isiolo Kajiado Kakamega Kericho Kiambu 500 400 400 300 300 400 300 300 400 200 200 300 200 300 200 200 200 200 100 100 -100 100 100 100 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 Kirinyaga Kisii Kitui Kwale Laikipia Kisumu Lamu 500 500 300 200 400 400 400 300 400 150 300 200 300 300 all age 100 300 100 200 200 200 200 50 100 100 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 per thousand, Machakos Makueni Mandera Marsabit Meru Migori Mombasa scenario 1500 300 500 300 400 300 400 1000 new\_tools 200 300 200 200 300 200 200 200 vaccine\_scaleup 500 100 Clinical incidence 100 100 worst\_case 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 Murang'a Nairobi Nakuru Nandi Narok Nyamira Nyandarua 300 250 250 400 300 200 200 300 20 300 200 150 150 200 200 200 100 10 100 100 100 50 100 100 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 20002010202020302040 200@01@02@03@040 Siaya Taita Taveta Tana River Nyeri Samburu Tharaka-Nithi Trans Nzoia 400 400 300 400 300 400 300 200 300 300 200 200 300 200 200 200 100 100 200 100 100 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 20002010202020302040 200@01@02@03@040 Uasin Gishu Wajir West Pokot Turkana Vihiga 500 300 300 300 300 400 200 200 300 200 200 200 100 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 Year

All-age clinical incidence over time by scenario LBR Bomi Bong Gbapolu **Grand Bassa Grand Cape Mount** Grand Gedeh Grand Kru Lofa Clinical incidence per thousand, all-age scenario new\_tools vaccine\_scaleup Margibi Maryland Montserrado Nimba worst\_case River Gee Rivercess Sinoe Year

All-age clinical incidence over time by scenario MDG Antananarivo Antsiranana Fianarantsoa 400 · Clinical incidence per thousand, all-age scenario new\_tools Toamasina Toliary vaccine\_scaleup Mahajanga worst\_case 400 -300 -500 -

Year

All-age clinical incidence over time by scenario MLI Kayes Bamako Gao Mopti Kidal Koulikoro Clinical incidence per thousand, all-age scenario new\_tools vaccine\_scaleup worst\_case Timbuktu Sikasso Segou 

Year

All-age clinical incidence over time by scenario MOZ Cabo Delgado Inhambane Gaza Manica Maputo City Maputo Nampula Nassa Clinical incidence per thousand, all-age scenario new\_tools vaccine\_scaleup worst\_case Zambezia Sofala Tete 

Year

All-age clinical incidence over time by scenario MRT Adrar Assaba Gorgol Brakna 0.75 0.50 0.25 0.00 Hodh ech Chargui Guidimaka Hodh el Gharbi Nouakchott Clinical incidence per thousand, all-age scenario new\_tools vaccine\_scaleup worst\_case Trarza Tagant Year

All-age clinical incidence over time by scenario MWI Balaka Chiradzulu Chitipa Chikwawa Dedza Blantyre 800 600 500 600 600 600 600 400 400 400 300 400 400 400 200 200 200 200 200 200 100 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 Lilongwe Machinga Dowa Karonga Likoma Kasungu 600 600 500 500 600 500 600 400 400 400 400 400 300 300 400 300 200 200 200 200 200 200 100 Clinical incidence per thousand, all-age 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 Mangochi Mchinji Mulanje Mwanza Mzimba Neno 2000 600 500 600 scenario 900 600 1500 400 400 new\_tools 400 300 600 1000 400 vaccine\_scaleup 200 200 500 200 200 worst\_case 100 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 Nkhata Bay Nkhotakota Nsanje Ntcheu Ntchisi Phalombe 2000 600 600 500 600 600 1500 400 400 400 400 400 1000 300 200 500 200 200 200 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 Salima Thyolo Zomba Rumphi 800 600 600 600 600 400 400 400 400 200 200 200 200 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 Year

All-age clinical incidence over time by scenario NAM Erongo Kavango Khomas Kunene Ohangwena Omaheke Omusati Oshana Clinical incidence per thousand, all-age scenario new\_tools vaccine\_scaleup worst\_case *Mmmmmm* 0 -Oshikoto Otjozondjupa Zambezi mmmmmm Year

All-age clinical incidence over time by scenario NER Agadez Diffa Dosso Niamey Maradi Tahoua Clinical incidence per thousand, all-age scenario new\_tools vaccine\_scaleup worst\_case Tillabery Zinder 

Year

All-age clinical incidence over time by scenario NGA Abia Adamawa Akwa Ibom Anambra Bauchi Bayelsa Benue 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 Borno Cross River Delta Ebonyi Edo Ekiti Enugu 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 deral Capital Territo Kano Gombe Imo Jigawa Kaduna Katsina Clinical incidence per thousand, all-age scenario 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 new\_tools vaccine\_scaleup Kebbi Kogi Kwara Lagos Nassarawa Niger Ogun worst\_case 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 Ondo Osun Oyo Plateau Rivers Sokoto Taraba 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 200@01@02@03@040 Yobe Zamfara 200@01@02@03@040 Year

All-age clinical incidence over time by scenario RWA Amajyaruguru Amajyepfo Iburasirazuba 1000 -500 -MM Clinical incidence per thousand, all-age MANNEN scenario new\_tools Iburengerazuba Umujyi wa Kigali vaccine\_scaleup 400 worst\_case M 200 -

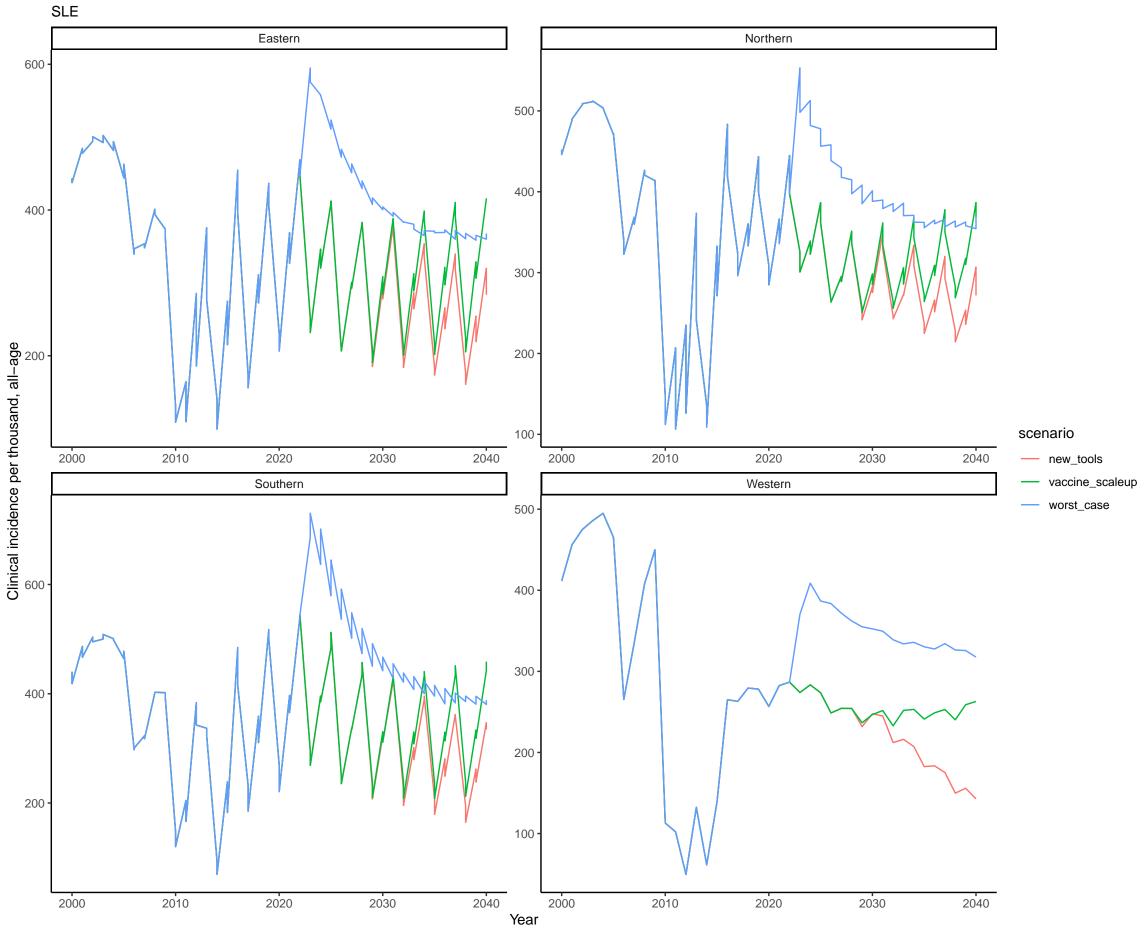
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Year

All-age clinical incidence over time by scenario SDN East Darfur Al Jazirah Al Qadarif Blue Nile Central Darfur 300 300 200 200 200 150 200 150 200 100 100 100 100 100 50 50 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 Kassala Khartoum North Darfur North Kurdufan Northern 200 150 150 150 150 150 Clinical incidence per thousand, all-age 100 100 100 100 50 50 50 50 scenario 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 new\_tools vaccine\_scaleup Red Sea River Nile South Darfur South Kurdufan Sennar worst\_case 250 300 1000 200 200 150 200 500 100 100 100 100 50 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 White Nile West Darfur West Kurdufan 250 300 -200 150 200 150 100 100 100 -50 50 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040

Clinical incidence per thousand, all-age

All-age clinical incidence over time by scenario SLE



All-age clinical incidence over time by scenario SOM Bay Bakool Bari Awdal Banaadir 300 280 200 150 240 150 200 200 200 100 100 100 100 160 50 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 Galguduud Gedo Hiiraan Jubbada Dhexe Jubbada Hoose 200 250 300 200 200 150 200 150 Clinical incidence per thousand, all-age 200 150 100 100 100 100 50 50 scenario 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 new\_tools vaccine\_scaleup Nugaal Shabeellaha Dhexe Shabeellaha Hoose Mudug Sanaag 250 worst\_case 160 200 200 200 120 150 150 150 100 80 100 100 100 50 50 40 50 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 Sool Togdheer Woqooyi Galbeed 250 220 200 180 200 150 140 150 100 100

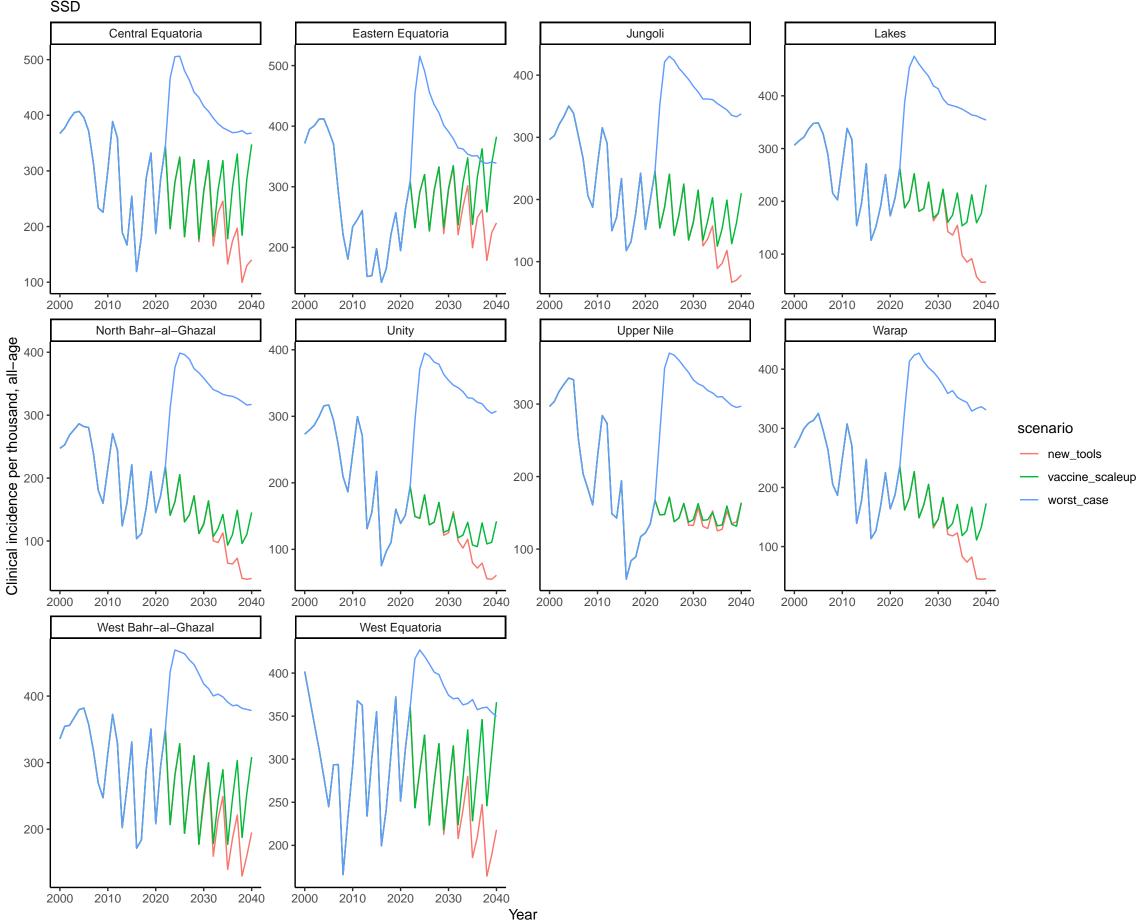
2000 2010 2020

Year

2000 2010 2020 2030 2040

2000 2010 2020 2030 2040

All-age clinical incidence over time by scenario SSD

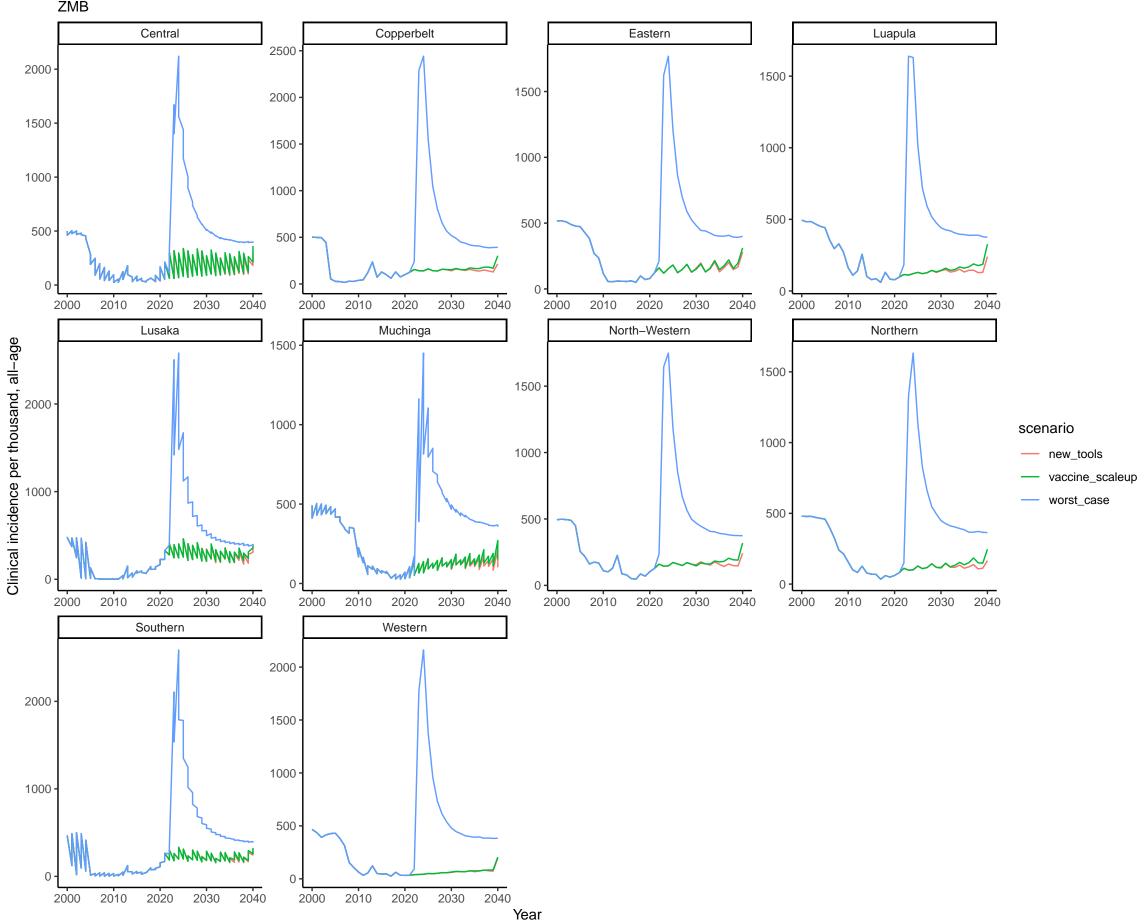


All-age clinical incidence over time by scenario TCD Barh el Ghazel Ennedi Est Batha Borkou Chari-Baguirmi 2010 2020 2030 2040 2030 2040 2020 2030 2040 Ennedi Ouest Guera Hadjer-Lamis Kanem Lac Clinical incidence per thousand, all-age 2000 2010 2020 2030 2040 2010 2020 2030 2040 2020 2030 Logone Occidental Logone Oriental Mandoul Mayo-Kebbi Est Mayo-Kebbi Ouest scenario new\_tools vaccine\_scaleup worst\_case 2010 2020 2030 2040 2010 2020 2030 2040 2000 2010 2000 2010 2020 2030 2040 2000 2010 2020 2030 Salamat Moyen-Chari Ouaddai Sila Tandjile 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2010 2020 2030 2040 2000 2010 2020 2030 2010 2020 2030 Wadi Fira Tibesti Ville de N'Djamena 2000 2010 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 Year

All-age clinical incidence over time by scenario TGO Centre Kara Maritime Clinical incidence per thousand, all-age scenario new\_tools Plateaux Savanes vaccine\_scaleup worst\_case 

Year

All-age clinical incidence over time by scenario ZMB



All–age clinical incidence over time by scenario

