All-age clinical incidence over time by scenario AGO Bengo Bie Cabinda Cuando Cubango Benguela 400 400 500 400 300 350 400 300 300 300 300 200 200 250 200 100 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 Cuanza Norte Cuanza Sul Cunene Huambo Huila 400 300 400 400 250 300 300 200 200 Clinical incidence per thousand, all-age 200 150 100 100 100 scenario 2010 2020 2030 2040 2000 2010 2020 2030 2040 2010 2020 2030 2040 2000 2010 2020 2030 2040 2010 2020 2030 2040 2000 2000 2000 new_tools vaccine_scaleup Lunda Sul Luanda Lunda Norte Malanje Moxico 500 worst_case 450 400 400 400 400 300 350 300 300 250 300 200 200 200 250 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 Namibe Zaire Uige 500 250 400 200 400 300 150 200 100 50 100 2030 2040 2010 2020 2030 2040 2000 2010 2020 2030 2040 2010 2020 2000 Year

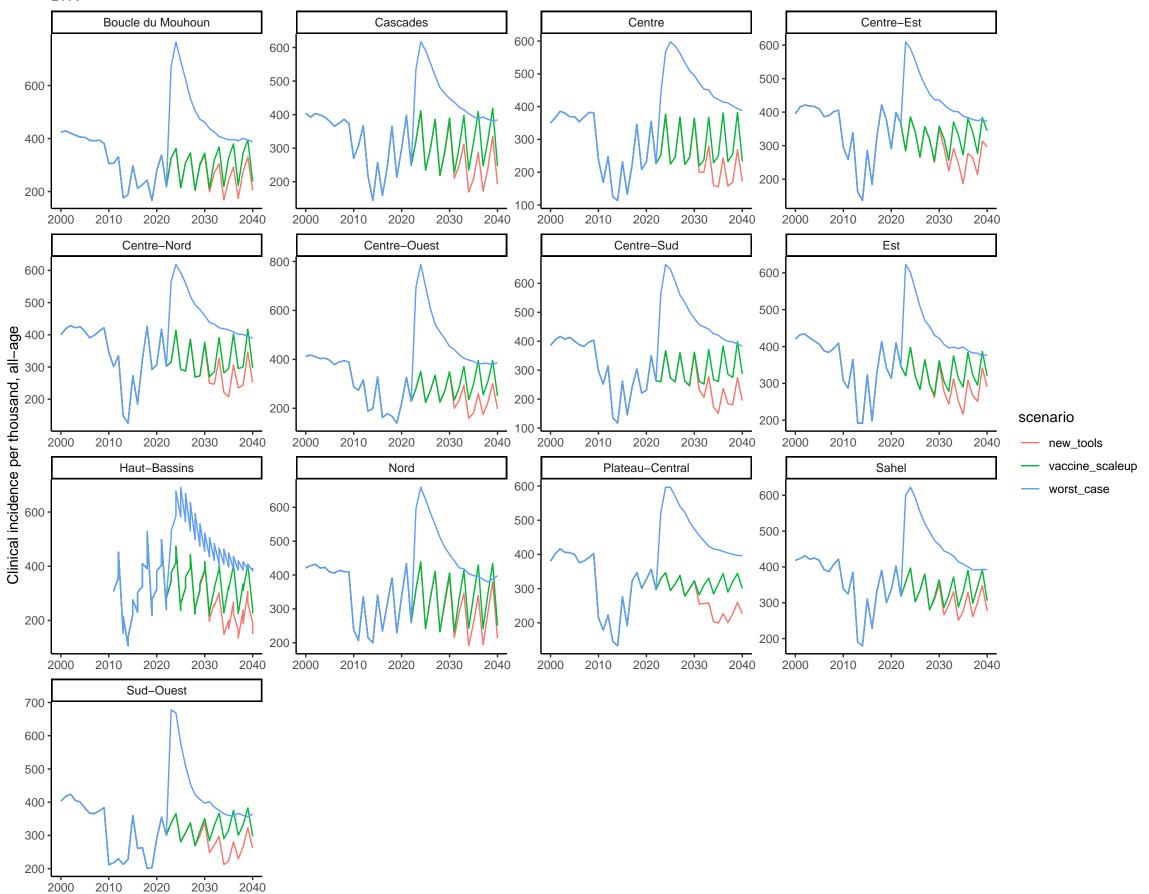
All-age clinical incidence over time by scenario BDI Bubanza Bujumbura Mairie Bujumbura Rural Cankuzo Bururi 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2000 2010 Gitega Cibitoke Karuzi Kayanza Kirundo Clinical incidence per thousand, all-age scenario 2010 2020 2030 2040 2020 2030 2040 2020 2030 2040 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 2010 2020 2030 2040 2030 2040 Year

All-age clinical incidence over time by scenario BEN Alibori Atlantique Atakora Borgou Collines Donga Kouffo Littoral scenario new_tools vaccine_scaleup worst_case Zou Mono Oueme Plateau

Clinical incidence per thousand, all-age

Year

All-age clinical incidence over time by scenario BFA



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 2010 2020 2000 2010 2020 Lobaye Kemo Mambere-Kadei Mbomou Nana-Grebizi Clinical incidence per thousand, all-age scenario 2010 2020 2030 2010 2020 2030 2040 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2010 2020 2030 2040 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 2040 2000 2010 2020 2030 2040 Sangha-Mbaere Vakaga

2000 2010 2020 2030 2040

2000 2010

2020 2030 2040

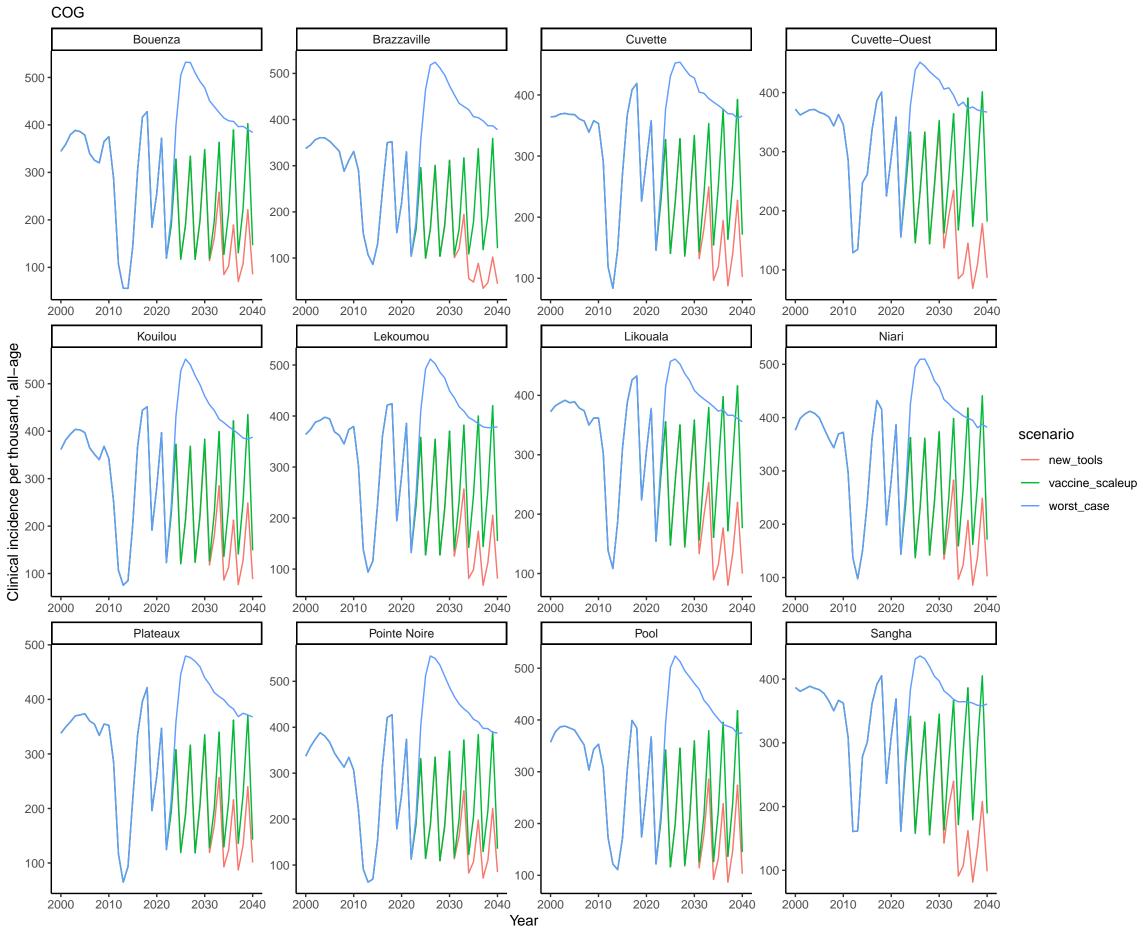
All-age clinical incidence over time by scenario CIV Abidjan Bas-Sassandra Comoe Denguele Goh-Djiboua Lacs Lagunes Montagnes scenario new_tools Sassandra-Marahoue vaccine_scaleup Savanes Vallee du Bandama Woroba worst_case Yamoussoukro Zanzan Year

All-age clinical incidence over time by scenario CMR Centre Adamaoua Est Extreme-Nord Littoral Nord Nord-Ouest Ouest Clinical incidence per thousand, all-age scenario new_tools vaccine_scaleup worst_case Sud Sud-Ouest

Year

All-age clinical incidence over time by scenario COD Haut-Uele Bas-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 Kasai-Central Kasai-Oriental Kinshasa Kongo-Central 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



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 0 -Tigray Somali uthern Nations, Nationalities and Peopl

All-age clinical incidence over time by scenario GHA Ashanti Brong Ahafo Central Eastern 300 -200 -Upper East Upper West Greater Accra Northern Clinical incidence per thousand, all-age scenario new_tools vaccine_scaleup 500 worst_case Volta Western 200 -

All-age clinical incidence over time by scenario GIN Boke Conakry Faranah 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 GNB Bafata Bissau Biombo Bolama Cacheu Gabu Clinical incidence per thousand, all-age scenario new_tools vaccine_scaleup worst_case Oio Quinara Tombali

All-age clinical incidence over time by scenario **KEN** Baringo **Bomet** Bungoma Busia Elgeyo-Marakwet Embu Garissa 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 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 Laikipia Kisumu Kwale Lamu all age 100 100 age 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 new_tools vaccine_scaleup Clinical incidence 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 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 Siaya Taita Taveta Tana River Tharaka-Nithi Nyeri Samburu Trans Nzoia 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 Uasin Gishu Wajir West Pokot Turkana Vihiga 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

All-age clinical incidence over time by scenario MDG Antananarivo Antsiranana Fianarantsoa 600 -200 -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 200 -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 Gaza Inhambane 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 Chikwawa Chitipa Dedza Blantyre 800 600 500 600 600 600 400 600 400 400 300 400 400 400 200 200 200 200 200 200 100 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 600 600 600 500 500 500 600 400 400 400 400 400 300 300 400 300 200 200 200 200 200 200 100 100 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 600 600 500 scenario 900 600 1500 400 400 new_tools 400 300 600 1000 400 vaccine_scaleup 200 200 500 200 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 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

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 deral Capital Territo Gombe Imo Jigawa Kaduna Kano 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@040 200@01@02@03@040 Year

All-age clinical incidence over time by scenario SDN East Darfur Al Jazirah Al Qadarif Blue Nile Central Darfur 300 300 200 200 150 200 200 150 200 100 100 100 100 100 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 2010 2020 2030 2040 2000 new_tools vaccine_scaleup Red Sea River Nile South Darfur South Kurdufan Sennar worst_case 250 300 1000 200 200 200 150 500 100 100 100 100 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 West Darfur West Kurdufan White Nile 250 300 200 150 200 150 100 100 100 -50 50 2000 2010 2000 2010 2020 2030 2040 2000 2010 2020 2030 2040 2020 2030 2040

All-age clinical incidence over time by scenario SLE Northern Eastern 400 -Clinical incidence per thousand, all-age scenario new_tools Southern Western vaccine_scaleup worst_case 400 -200 -

Year

All-age clinical incidence over time by scenario SOM Bakool Bari Bay Awdal Banaadir 300 200 280 250 175 240 150 200 200 150 200 150 125 100 100 160 100 100 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 Galguduud Gedo Hiiraan Jubbada Dhexe Jubbada Hoose 200 250 300 200 150 200 200 Clinical incidence per thousand, all-age 150 200 150 100 100 100 100 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 Shabeellaha Dhexe Mudug Nugaal Sanaag Shabeellaha Hoose 250 worst_case 160 200 200 200 140 150 150 120 100 100 100 100 100 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 Woqooyi Galbeed Sool Togdheer 250 225 180 225 200 150 175 200 150 120

2000 2010 2020 2030 2040

2000 2010 2020 2030 2040

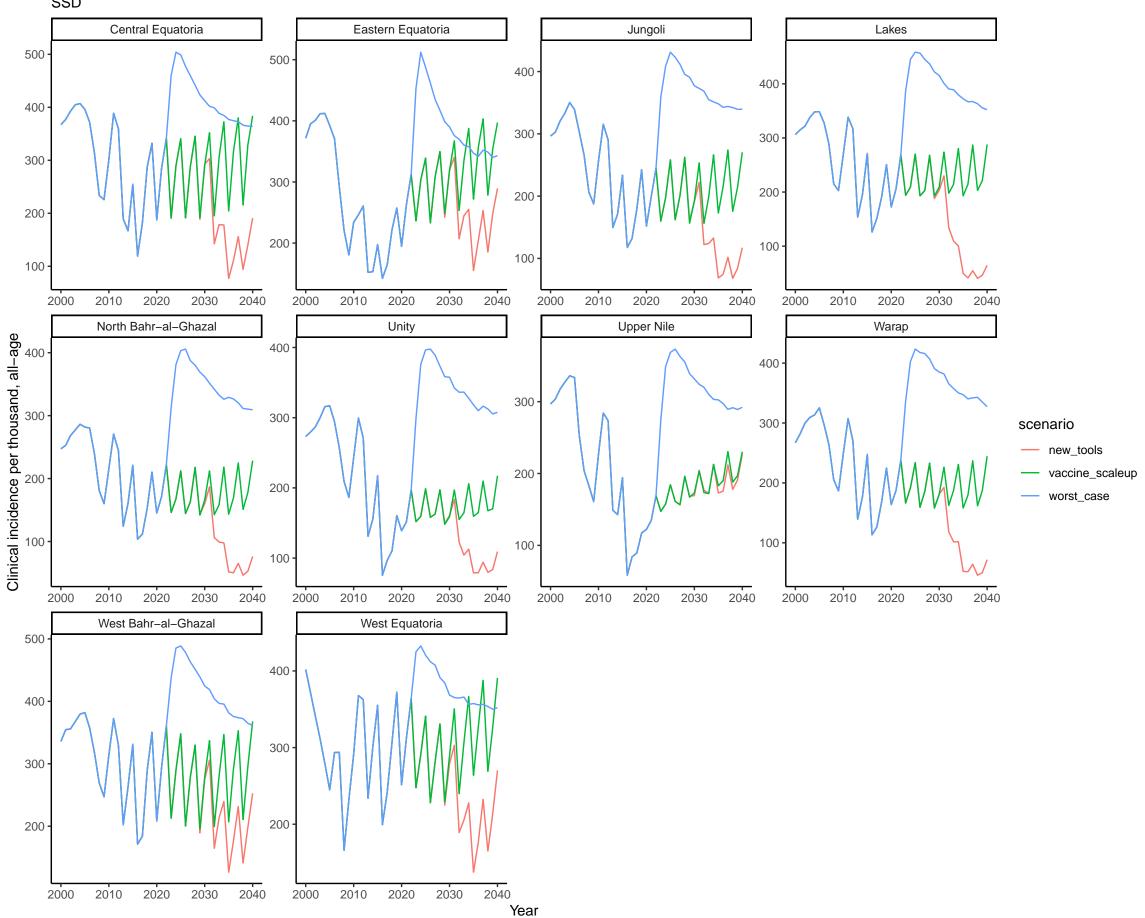
2010

2000

2020

Year

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 Ennedi Ouest Guera Hadjer-Lamis Kanem Lac Clinical incidence per thousand, all-age 2010 2020 2010 2020 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 2010 2020 2030 2040 2000 2010 2000 2010 2020 2030 2040 Moyen-Chari Ouaddai Salamat Sila Tandjile 2000 2010 2020 2030 2040 2000 2010 2020 2010 2020 2030 2040 2000 2010 2020 2030 2010 2020 Wadi Fira Tibesti Ville de N'Djamena 2000 2010 2020 2030 2040 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 **UGA** Bundibugyo Gulu Adjumani Apac Arua Bugiri Bushenvi Busia Hoima Jinja Kabale Kabarole Kaberamaido Kalangala Kampala Iganga Katakwi Kibale Kamuli Kamwenge Kanungu Kapchorwa Kasese Kayunga ber thousand, all-age Kiboga Kisoro Kitgum Kotido Kumi Kyenjojo Lake Albert Lake Victoria scenario new tools Lira Luwero Masaka Masindi Mayuge Mbale Mbarara Moroto Clinical incidence vaccine_scaleup Mubende Nakapiripirit Nebbi Moyo Mpigi Mukono Nakasongola Ntungamo Pader Pallisa Rakai Rukungiri Sironko Sembabule Soroti Tororo 400 200@01@02@03@040 200@01@02@03@040 Wakiso Yumbe Year

All–age clinical incidence over time by scenario ZMB

