

# **Implementacao de Terapias de Combinacao baseadas em Artemisinina (ACTs): o papel do ASMQ**

**Fiocruz, Farmanguinhos e DNDi.  
Simposio Cientifico**

**Situacao na America Latina**

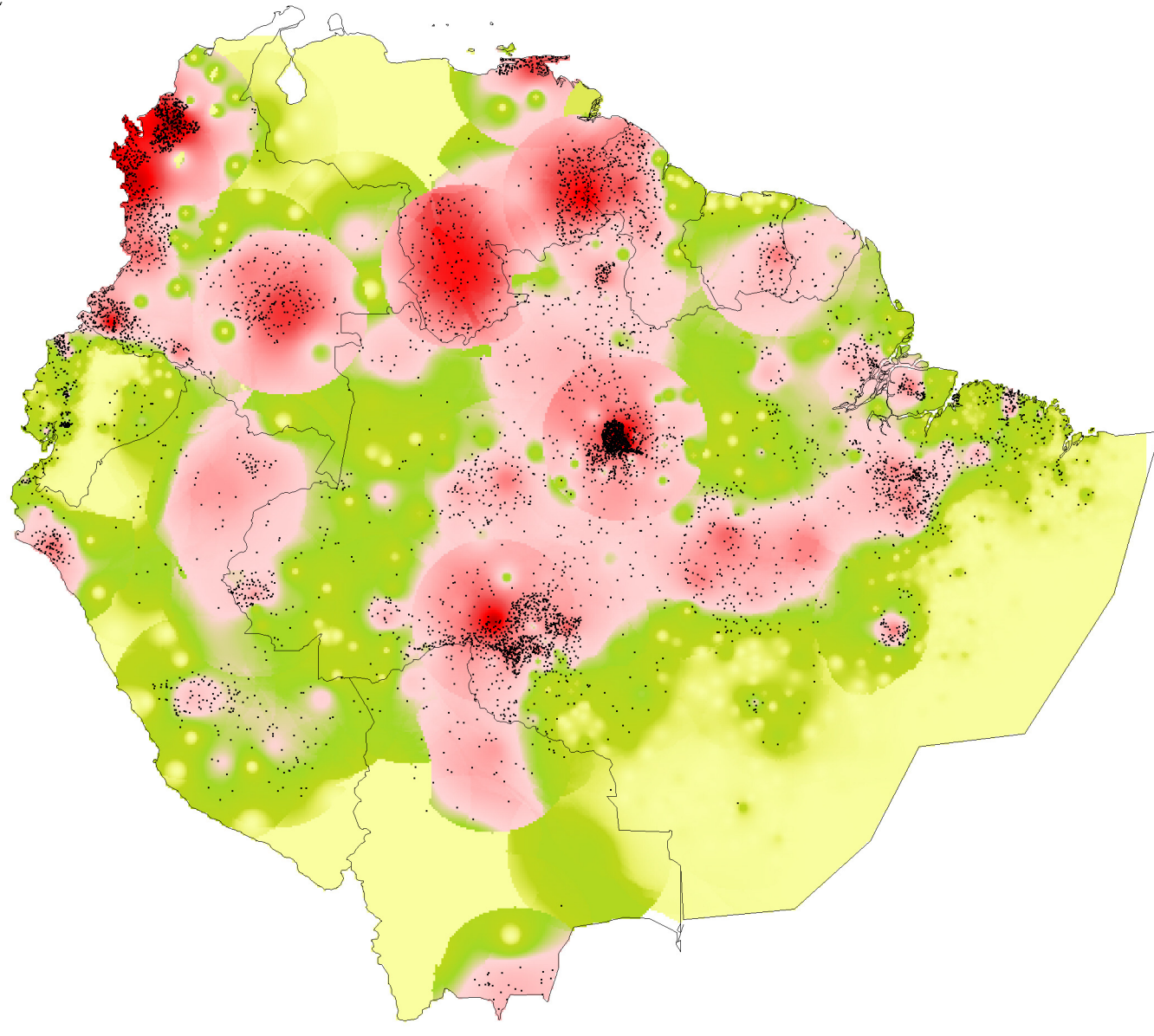
Roberto Montoya  
PAHO/WHO



# Malaria in South America 2004

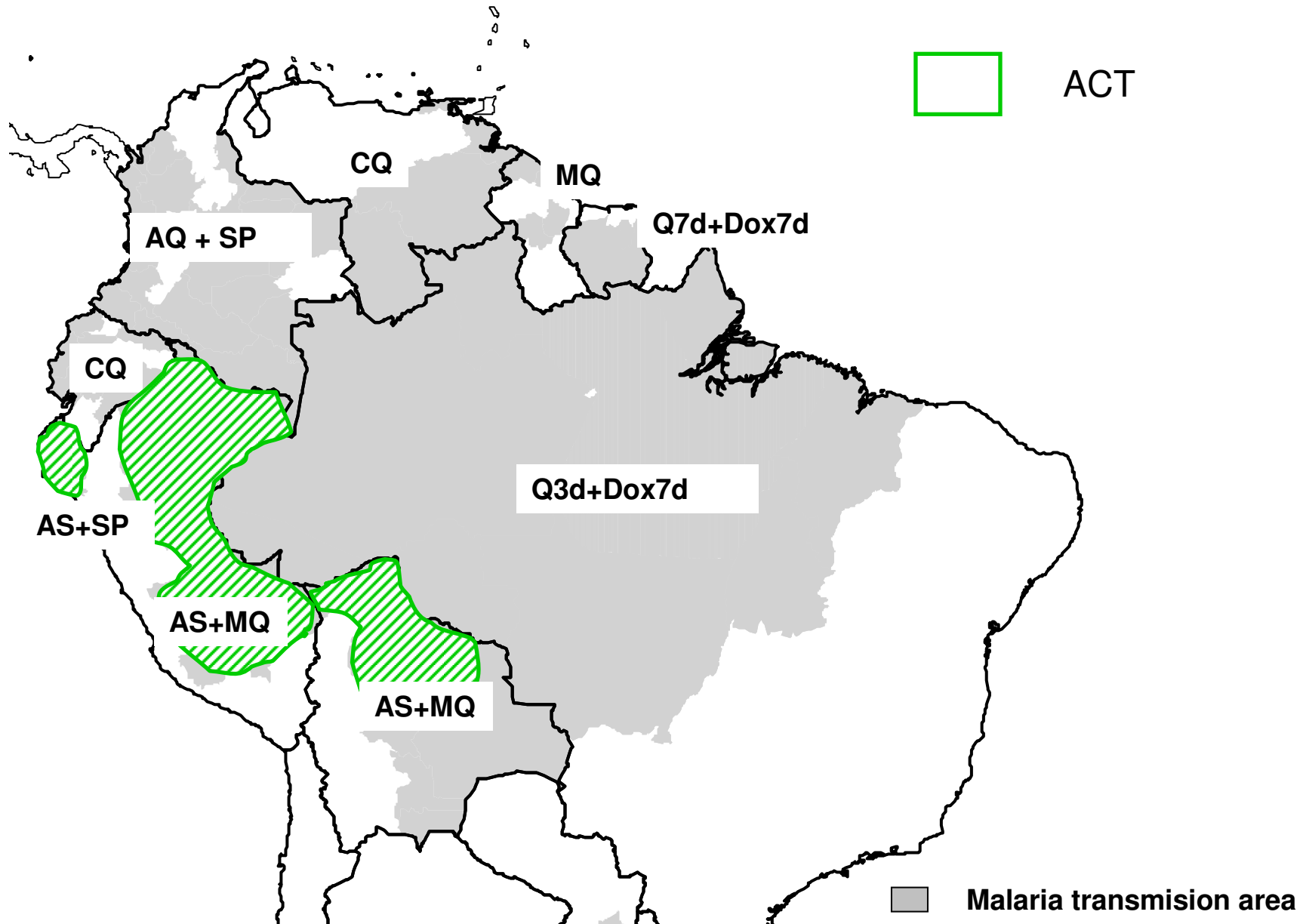
91% casos

87% mortalidad

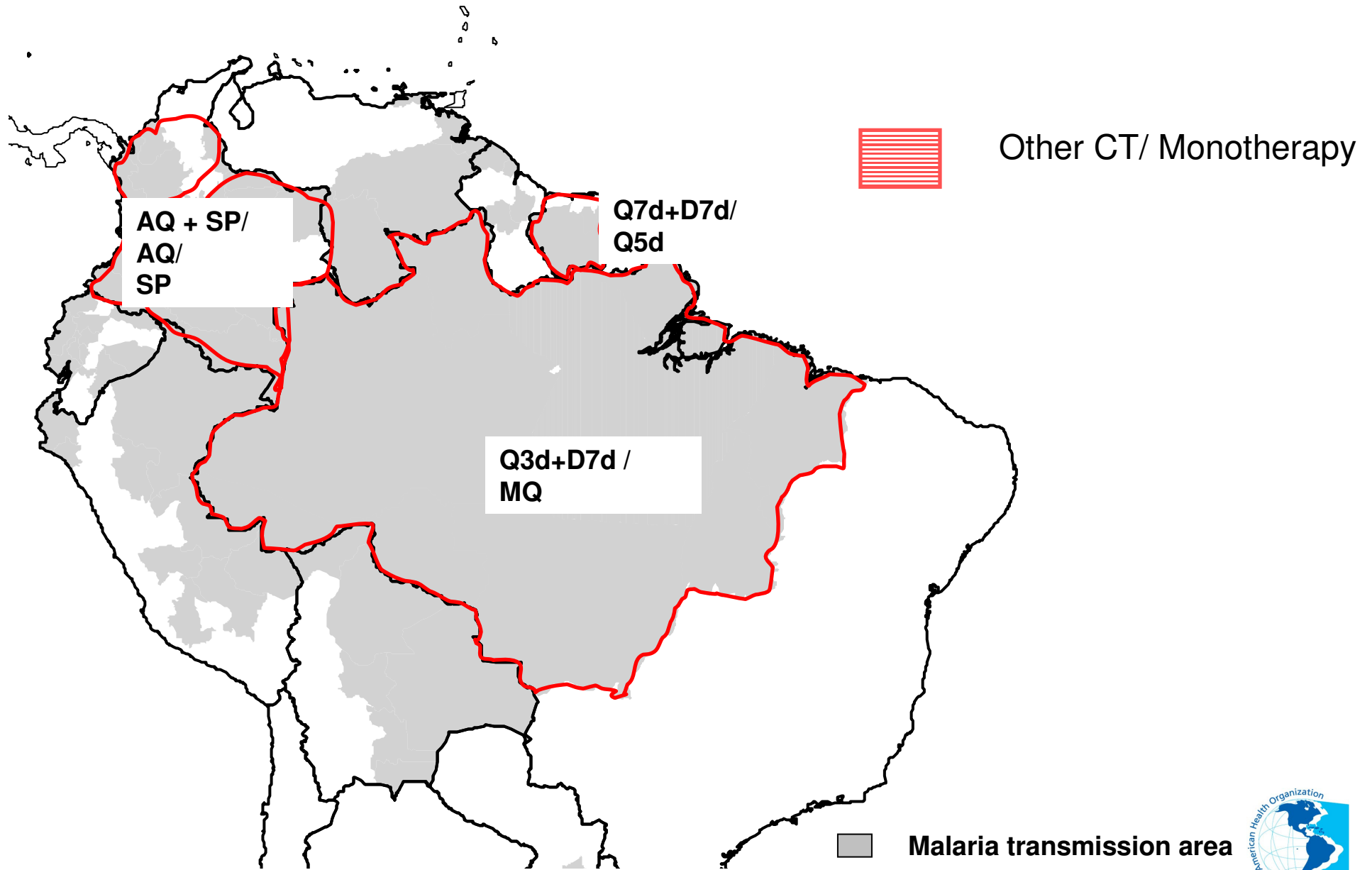


Data by Provincial and Municipality Level - PAHO 2004

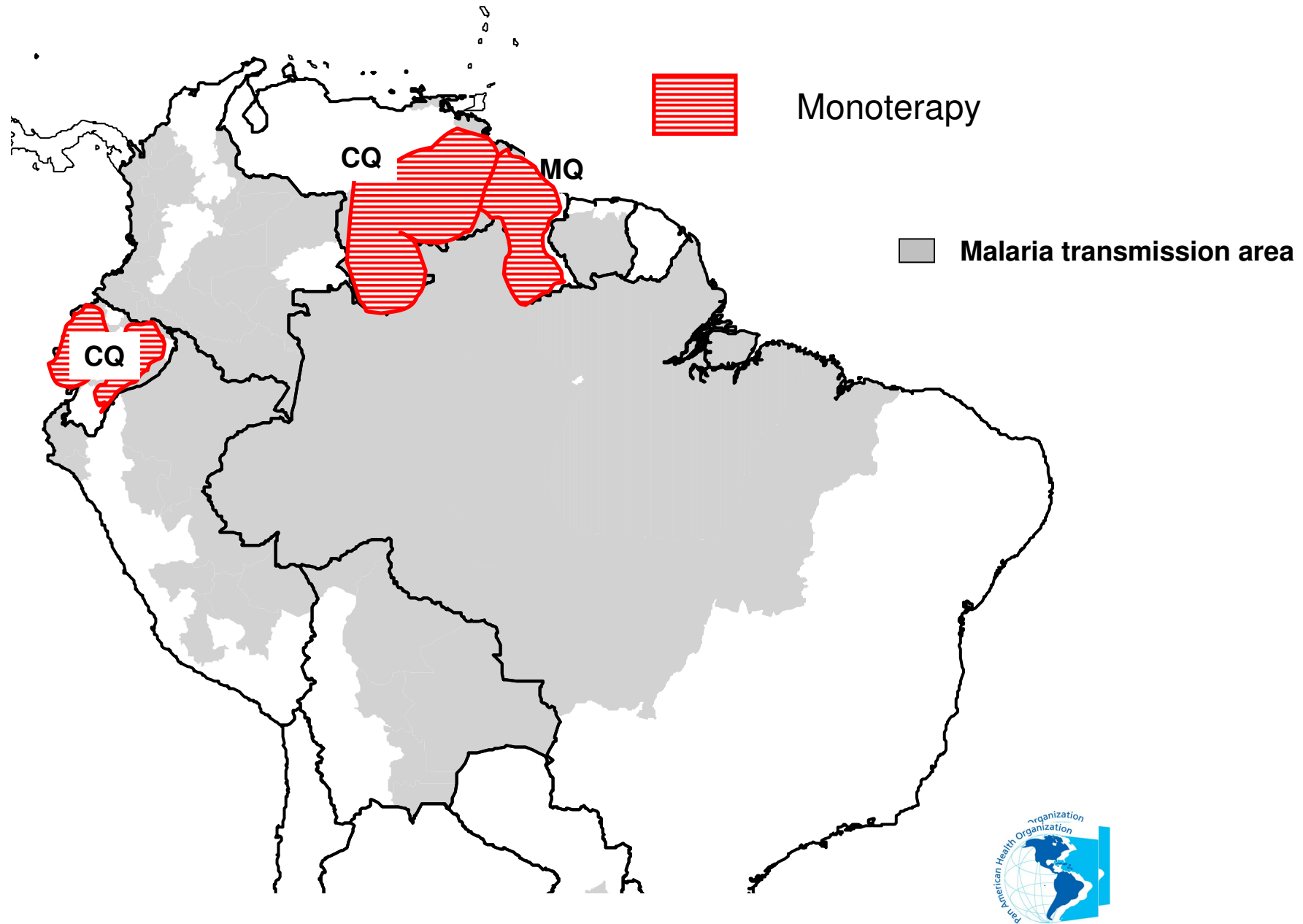
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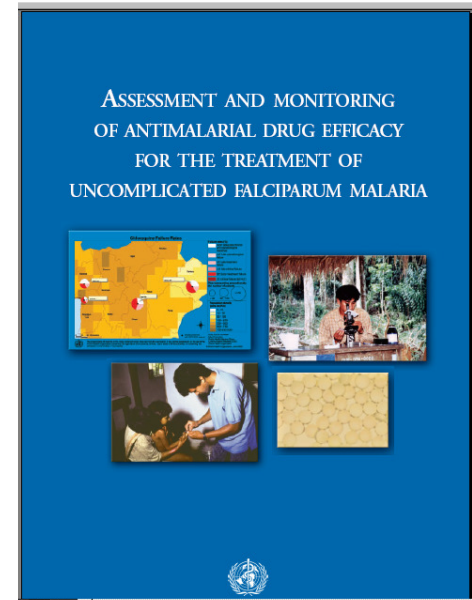
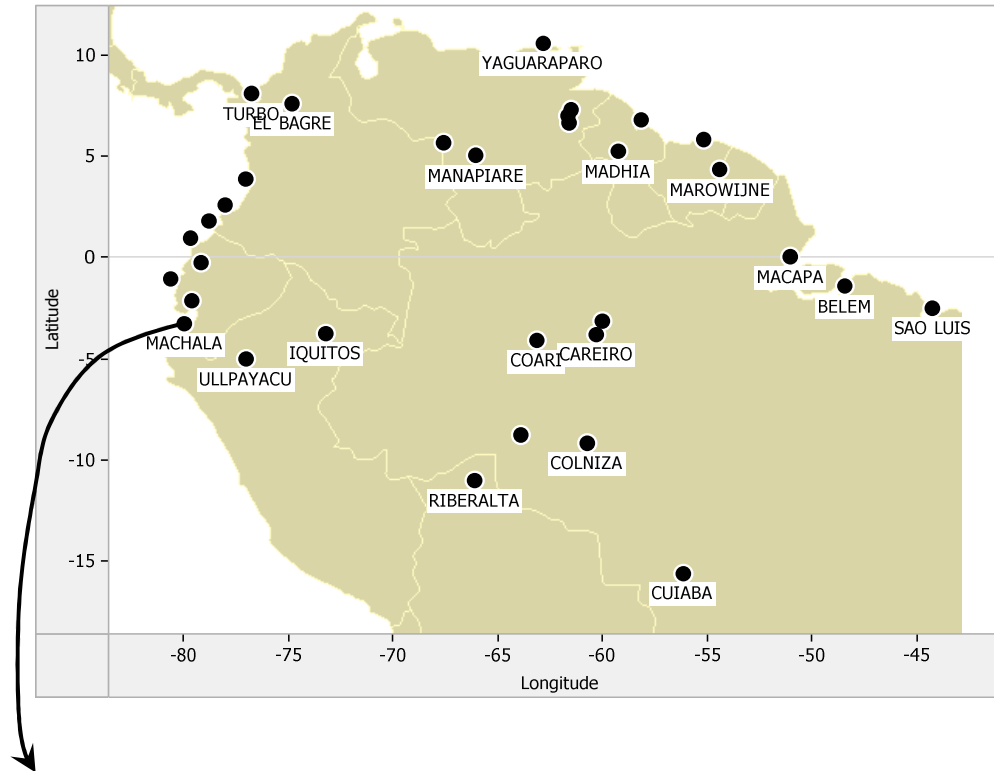


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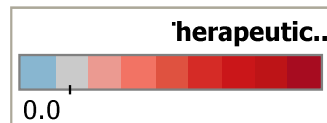
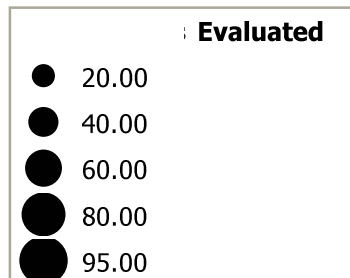
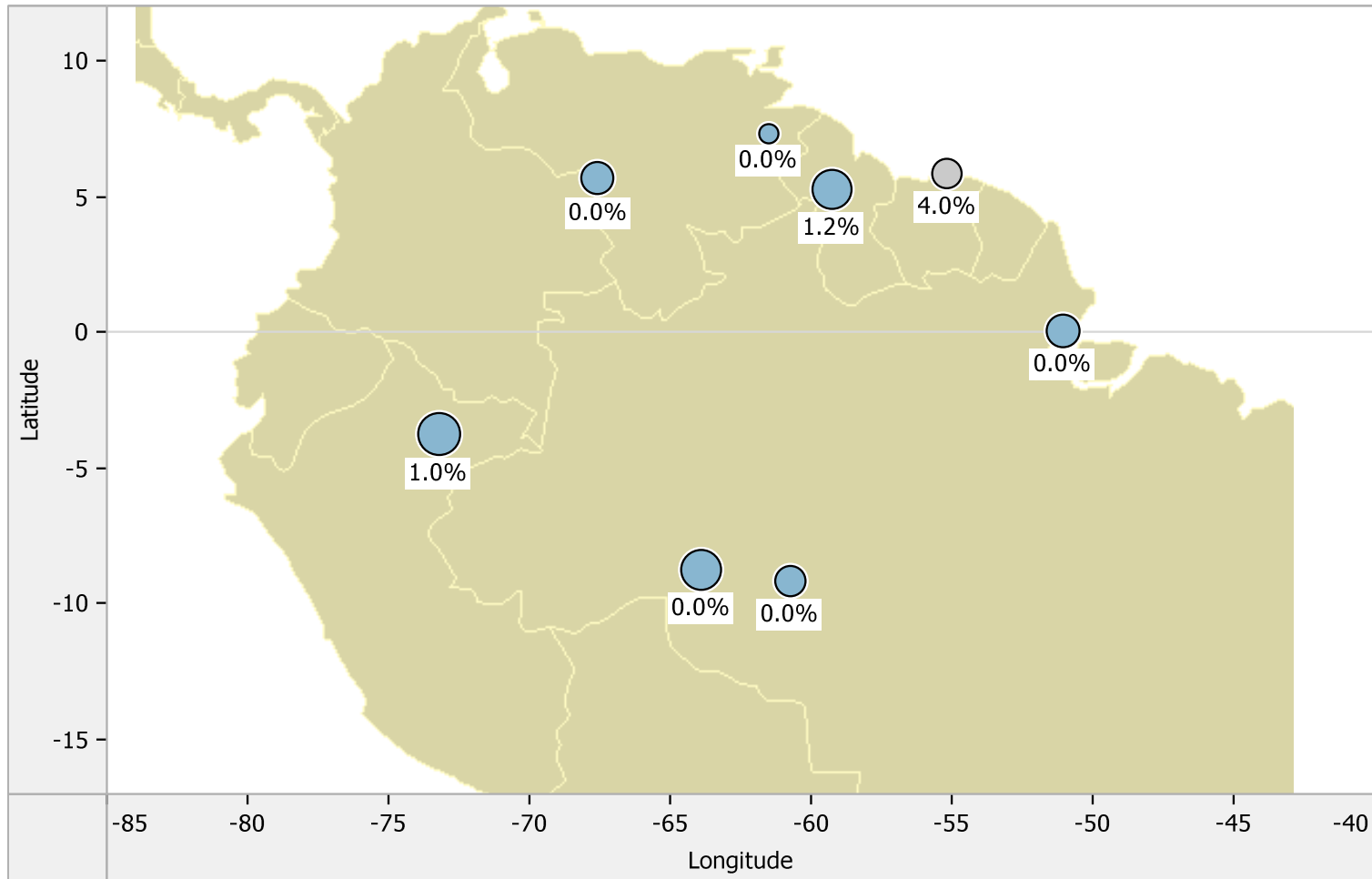


# RAVREDA

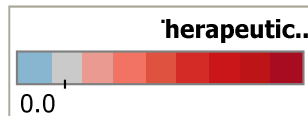
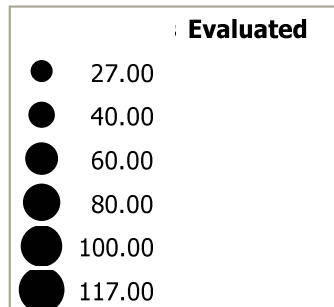
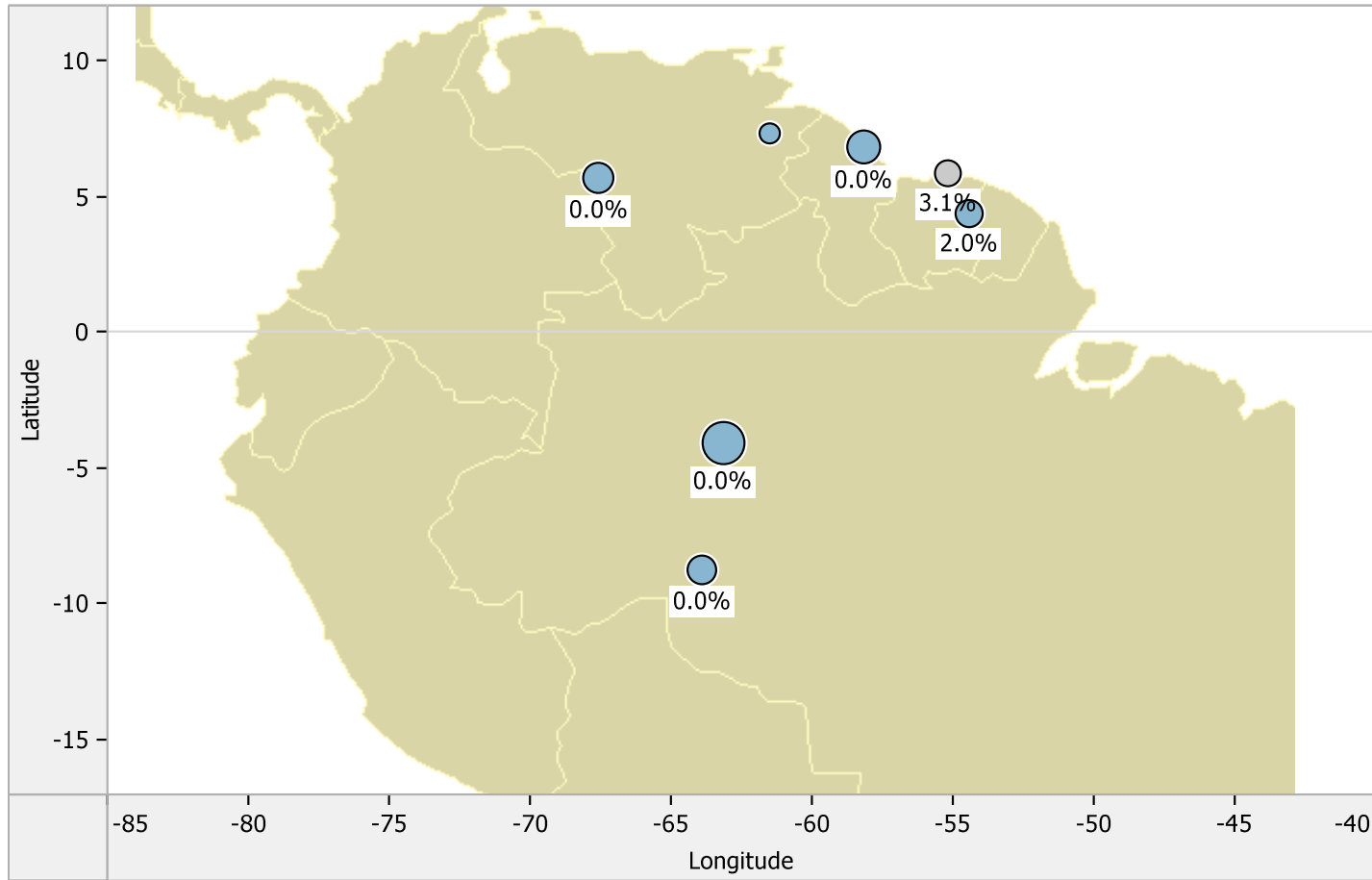
Sitios centinelas de la Red Amazonica de Vigilancia de la Resistencia a los Antimalaricos (RAVREDA)



### Efficacy studies to MQ+ASU

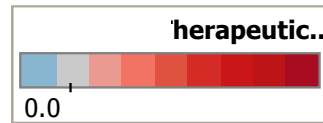
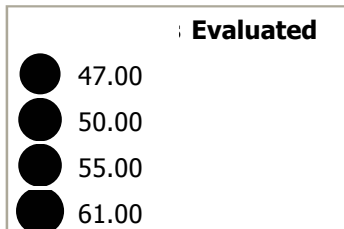
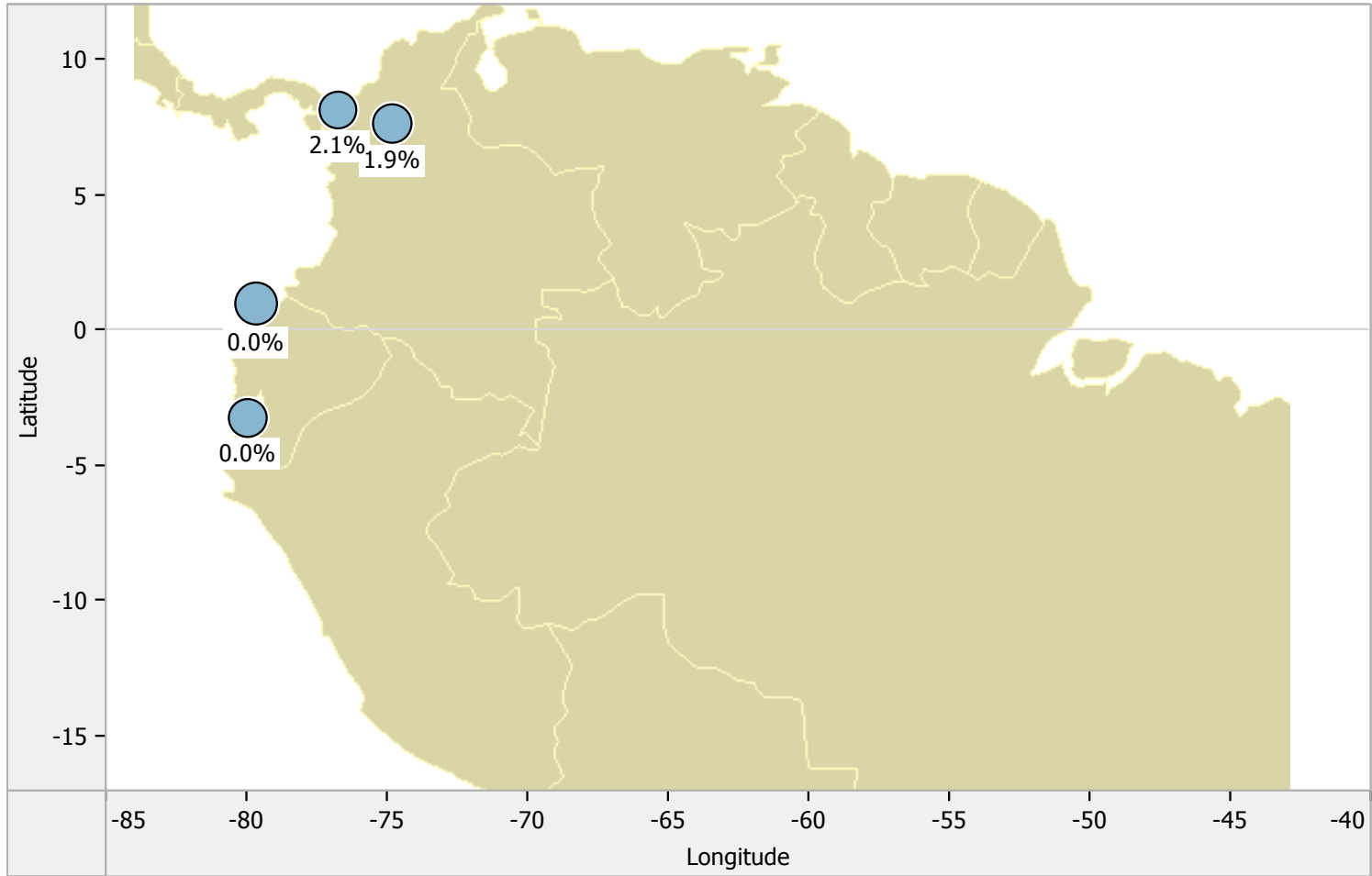


### Efficacy studies to AT + LM

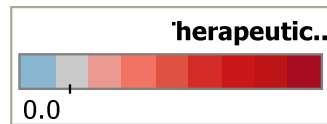
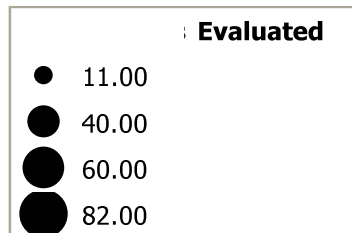
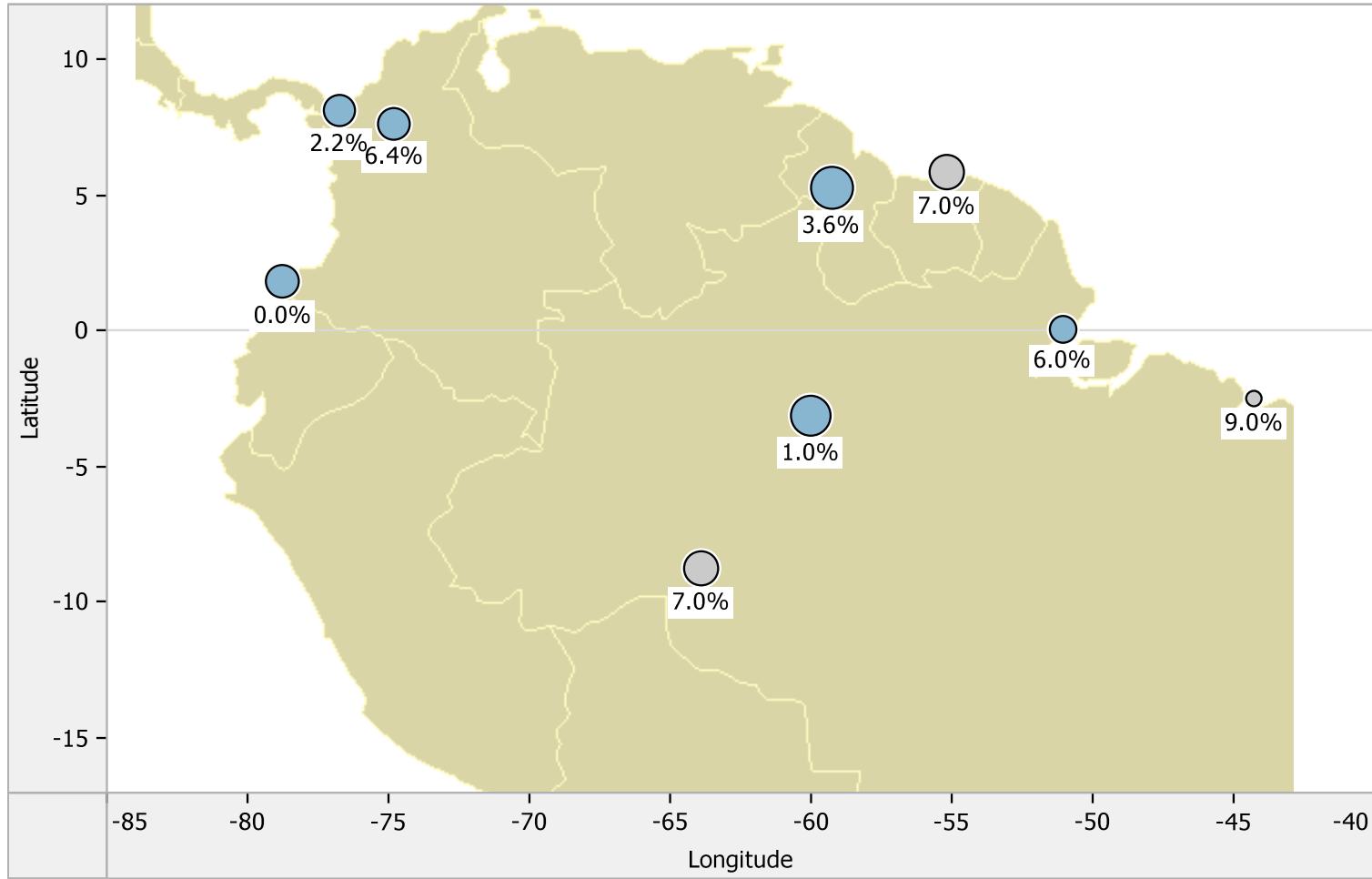




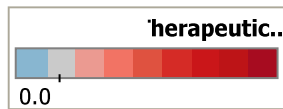
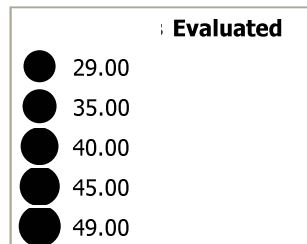
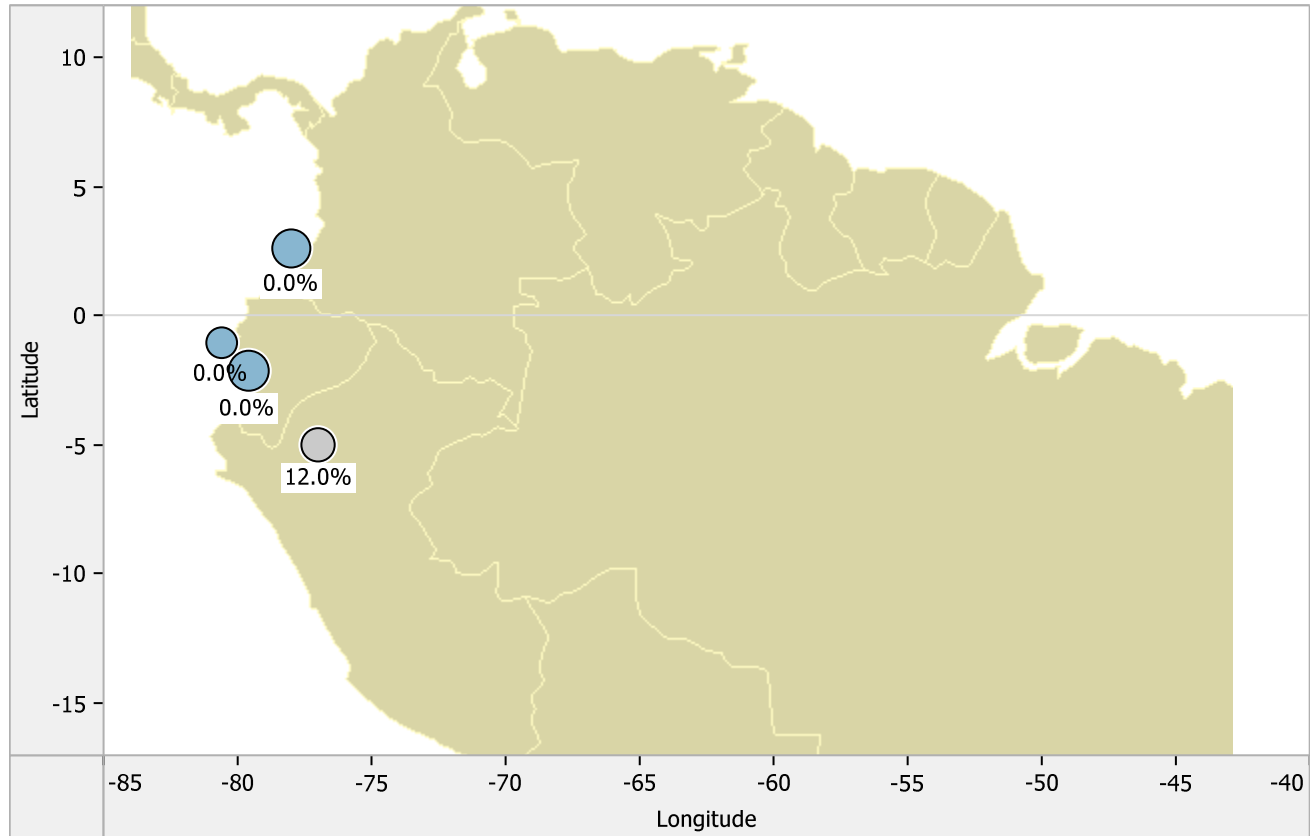
### Efficacy studies to ASU+SP



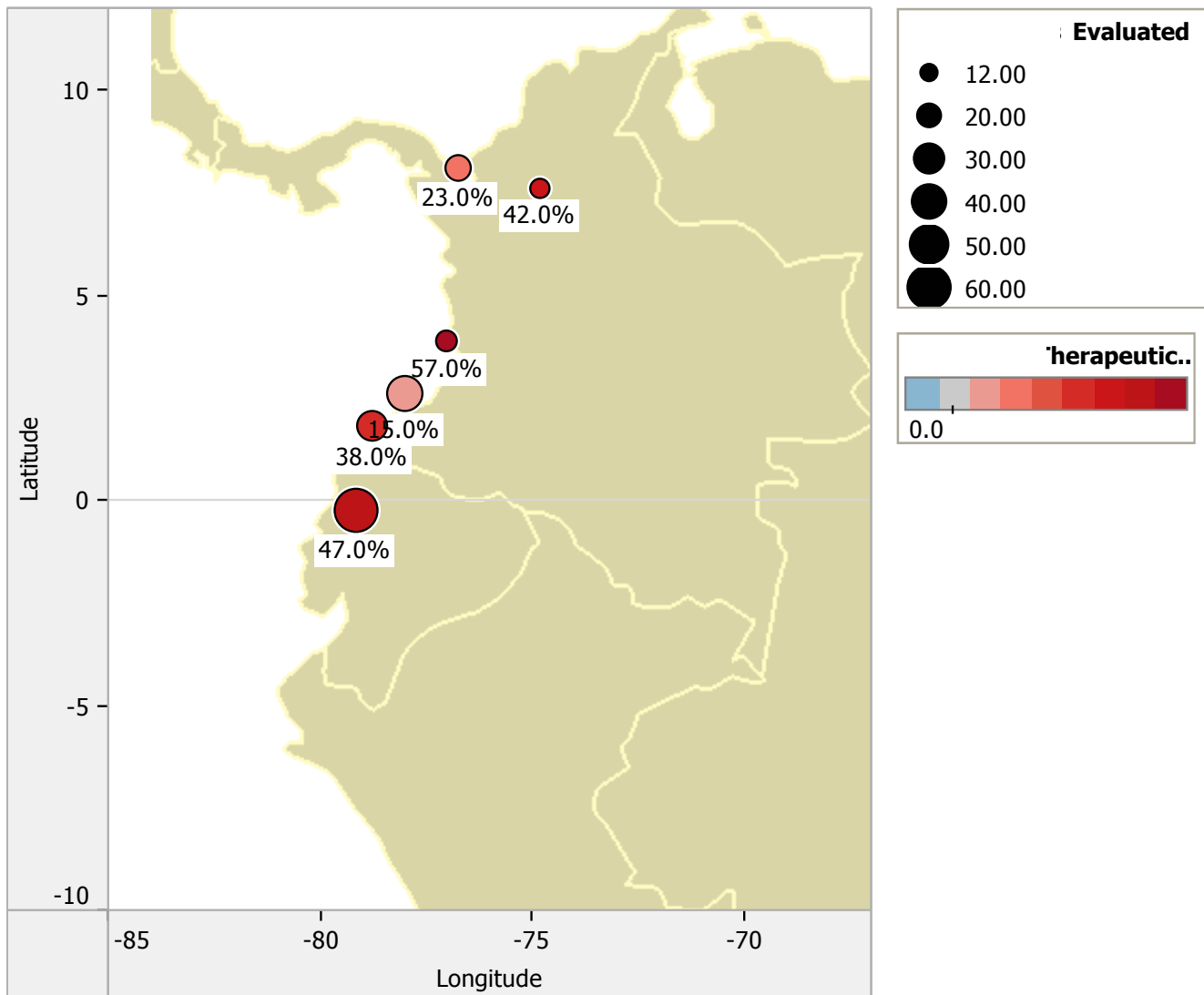
### Efficacy studies to MQ



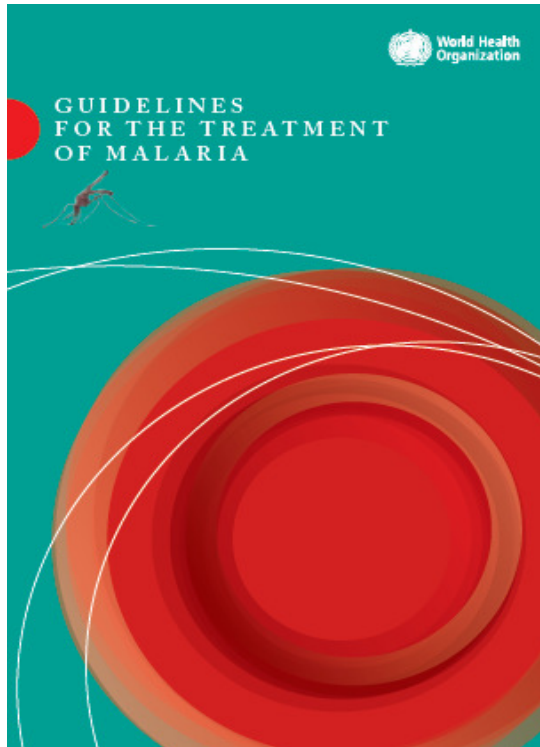
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### Efficacy studies to AQ



# Guías de tratamiento de la OMS



## Combinaciones recomendadas:

- Combinaciones con derivados de artemisinina
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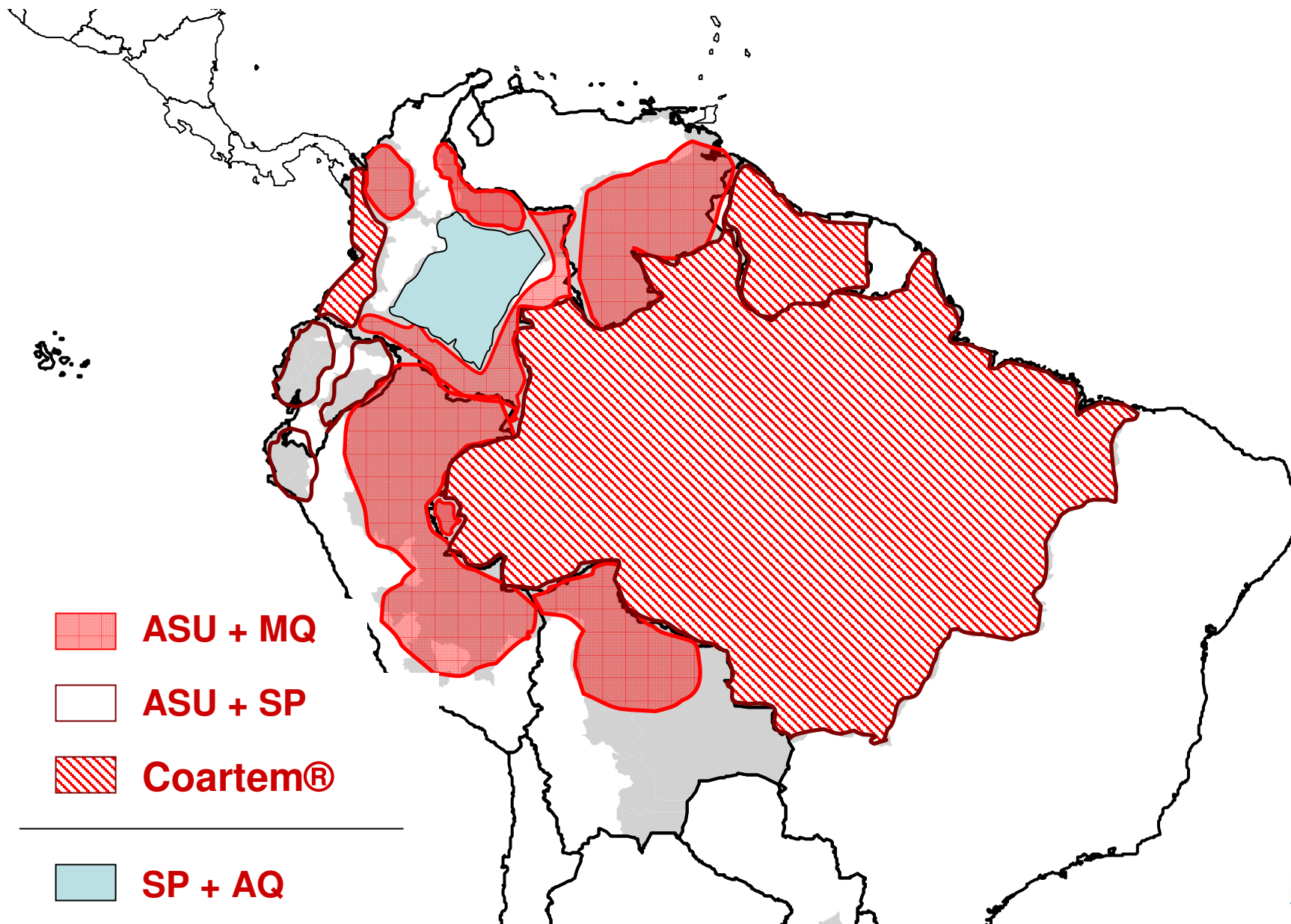
**OMS recomienda el uso de CTDA y el cuidadoso monitoreo de la respuesta terapéutica**

**Esquemas de primera línea de tratamiento de malaria por *P. falciparum*  
no complicada**

**Países amazónicos. 1998 y 2004**

<b>Esquema</b>	<b>1998</b>	<b>2007</b>
<b>Bolivia</b>	<b>Q7d</b> →	<b>ASU+MQ</b>
<b>Brasil</b>	<b>Q3d+D5d</b> →	<b>LUM+ATM</b>
<b>Colombia</b>	<b>CQ + SP</b> →	<b>AQ+SP</b> <b>ASU+MQ</b> <b>LUM+ATM</b>
<b>Ecuador</b>	<b>CQ</b> →	<b>SP+ASU</b>
<b>Guyana</b>	<b>Q5d+SP</b> →	<b>LUM+ATM</b>
<b>Perú</b> Costa Amazonas	<b>CQ /</b> → <b>SP / Q7d+T7d</b>	<b>SP+ASU</b> <b>ASU+MQ</b>
<b>Suriname</b>	<b>Q 5d</b> →	<b>LUM+ATM</b>
<b>Venezuela</b>	<b>CQ</b> →	<b>ASU+MQ</b>

# Primera línea de tratamiento de malaria por *P. falciparum* en la región amazónica 2006



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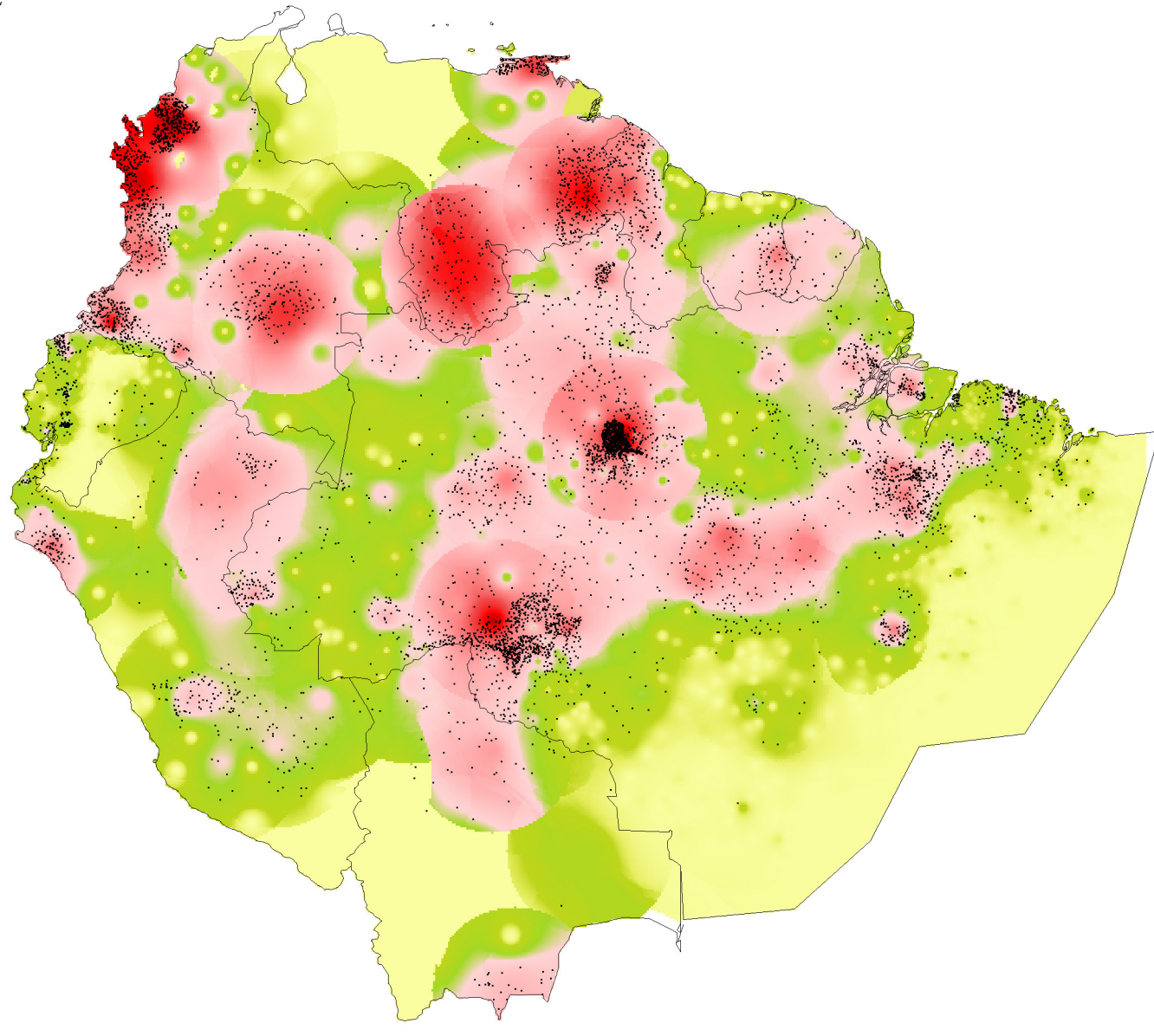




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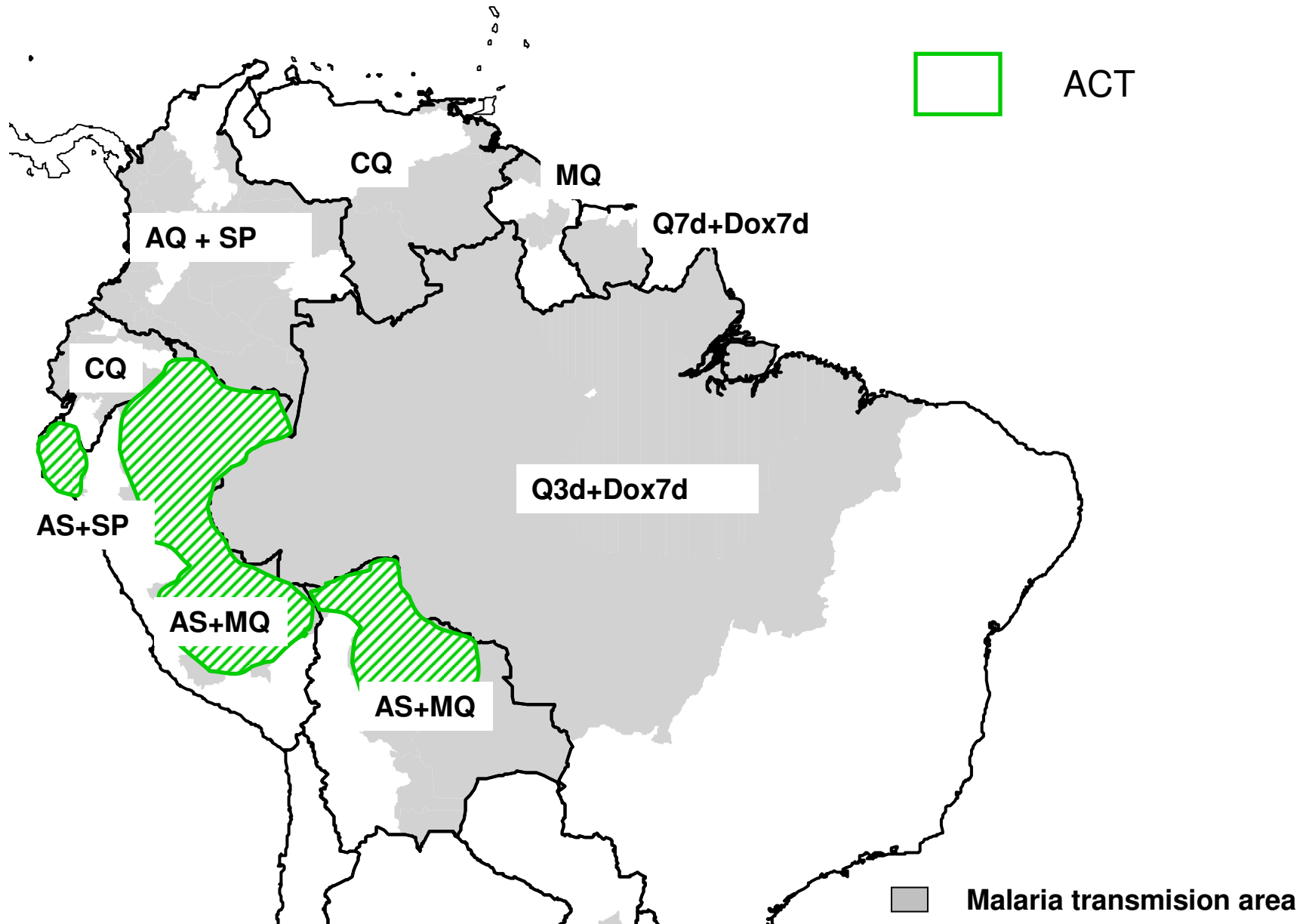
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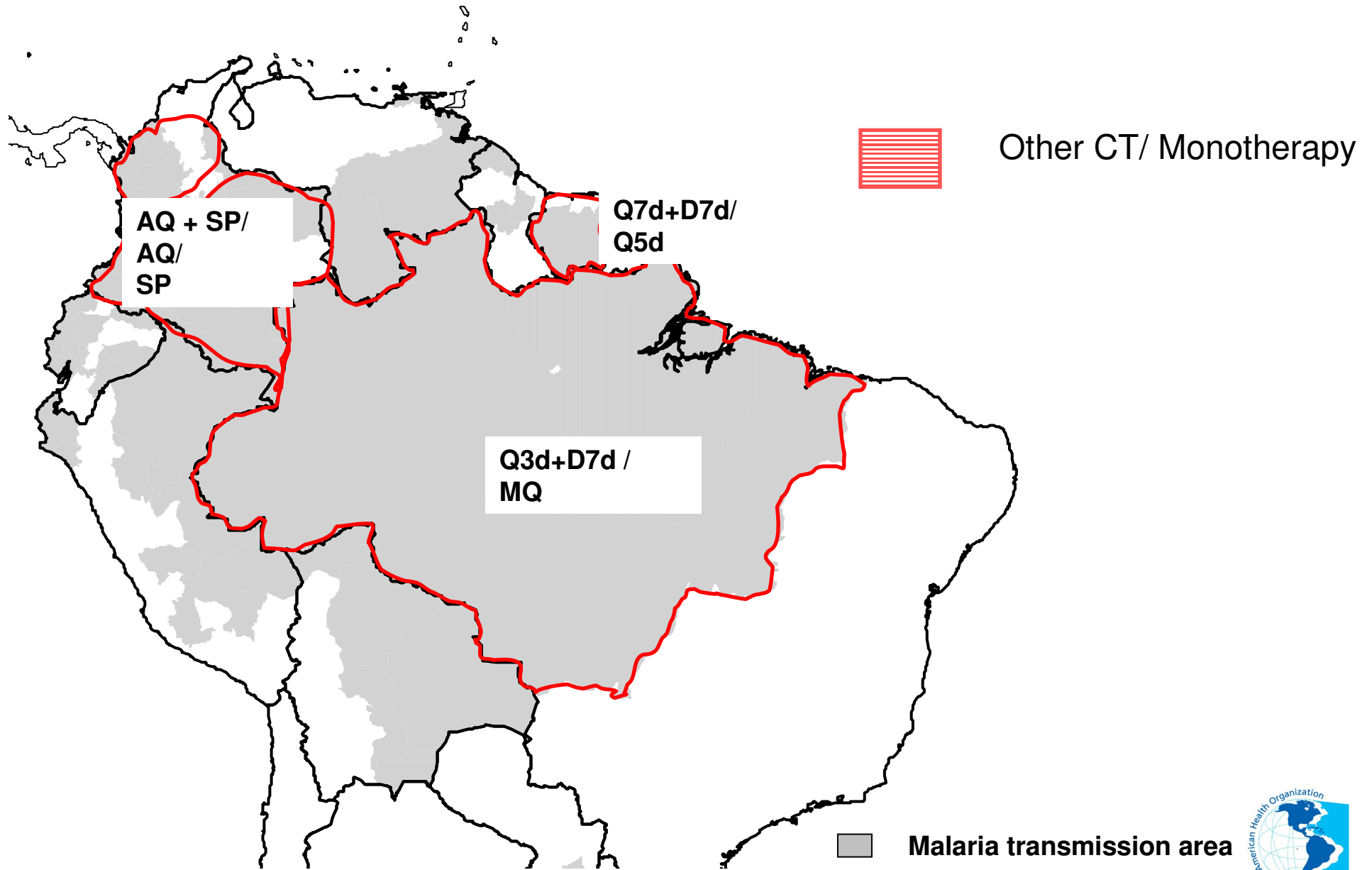


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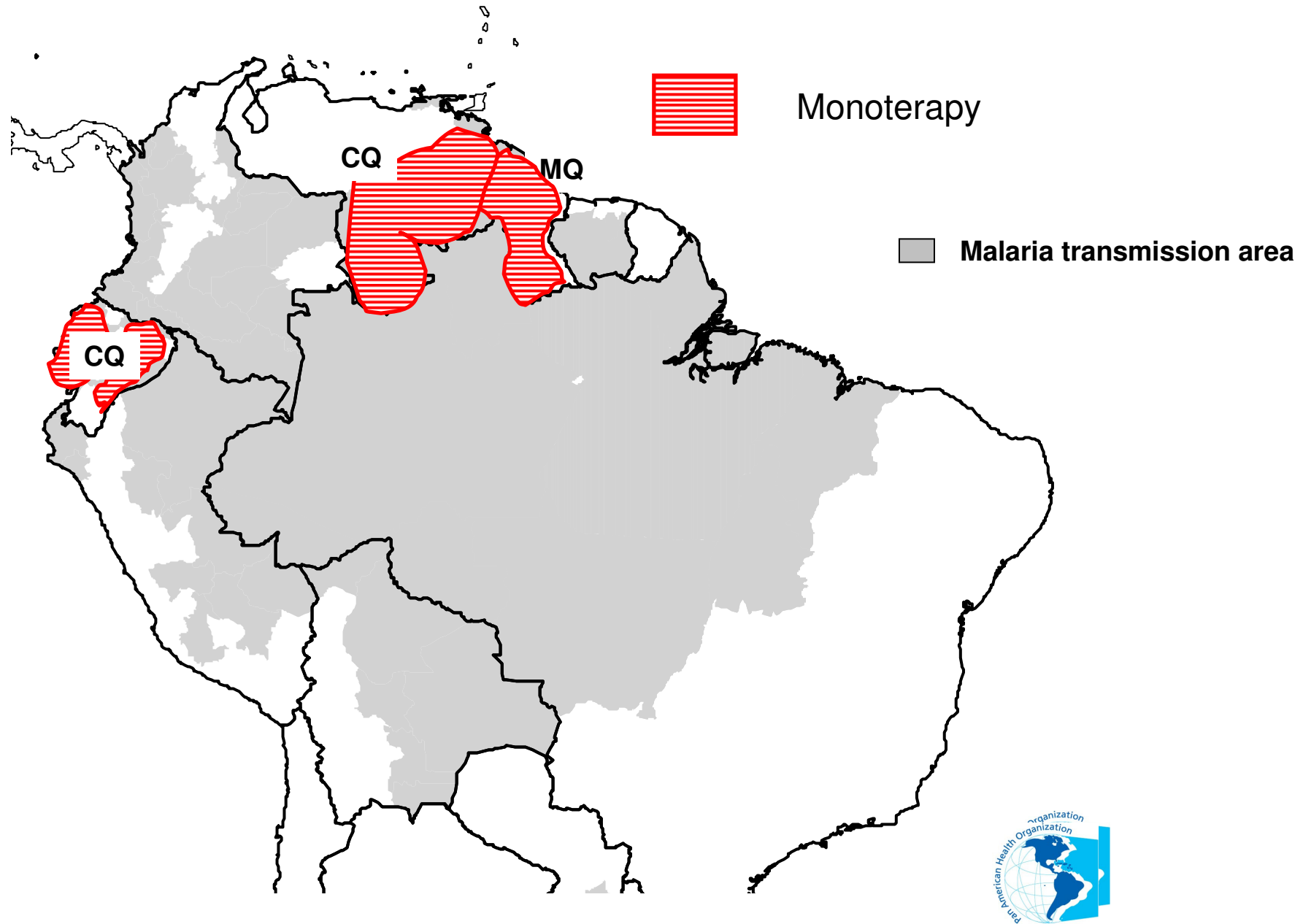
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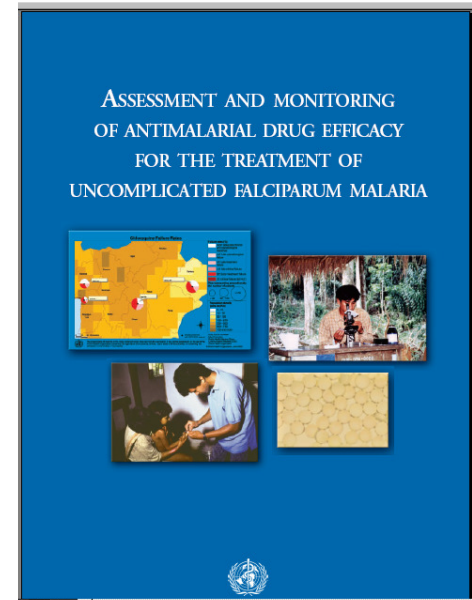
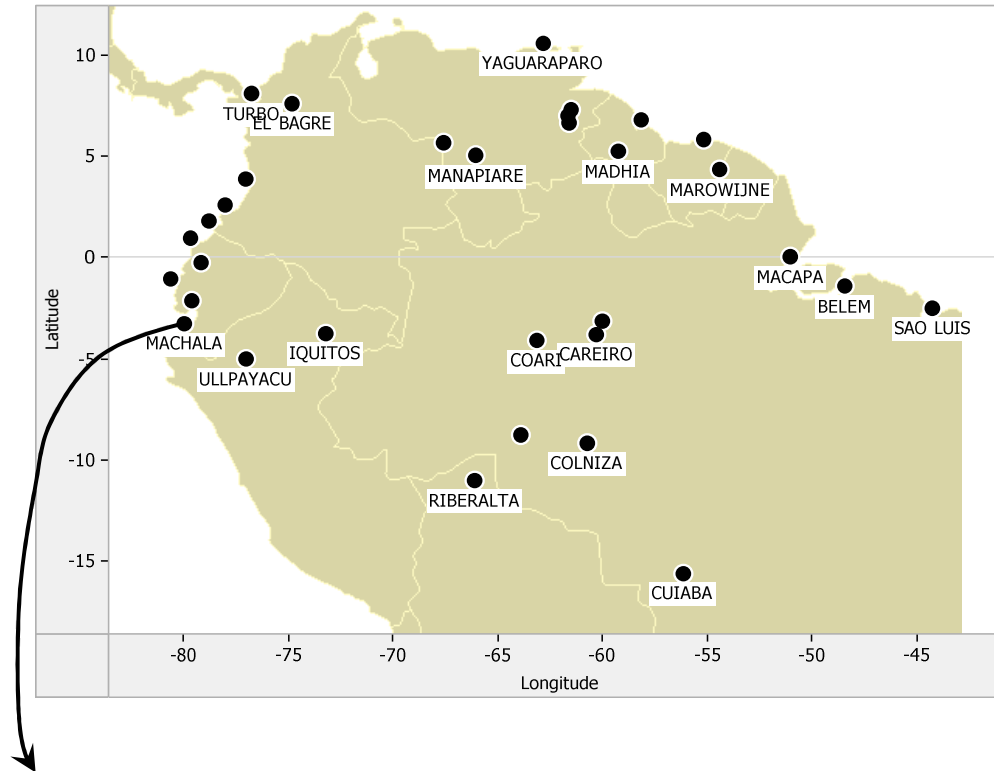


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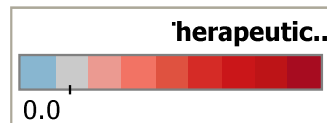
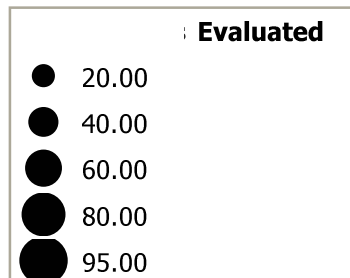
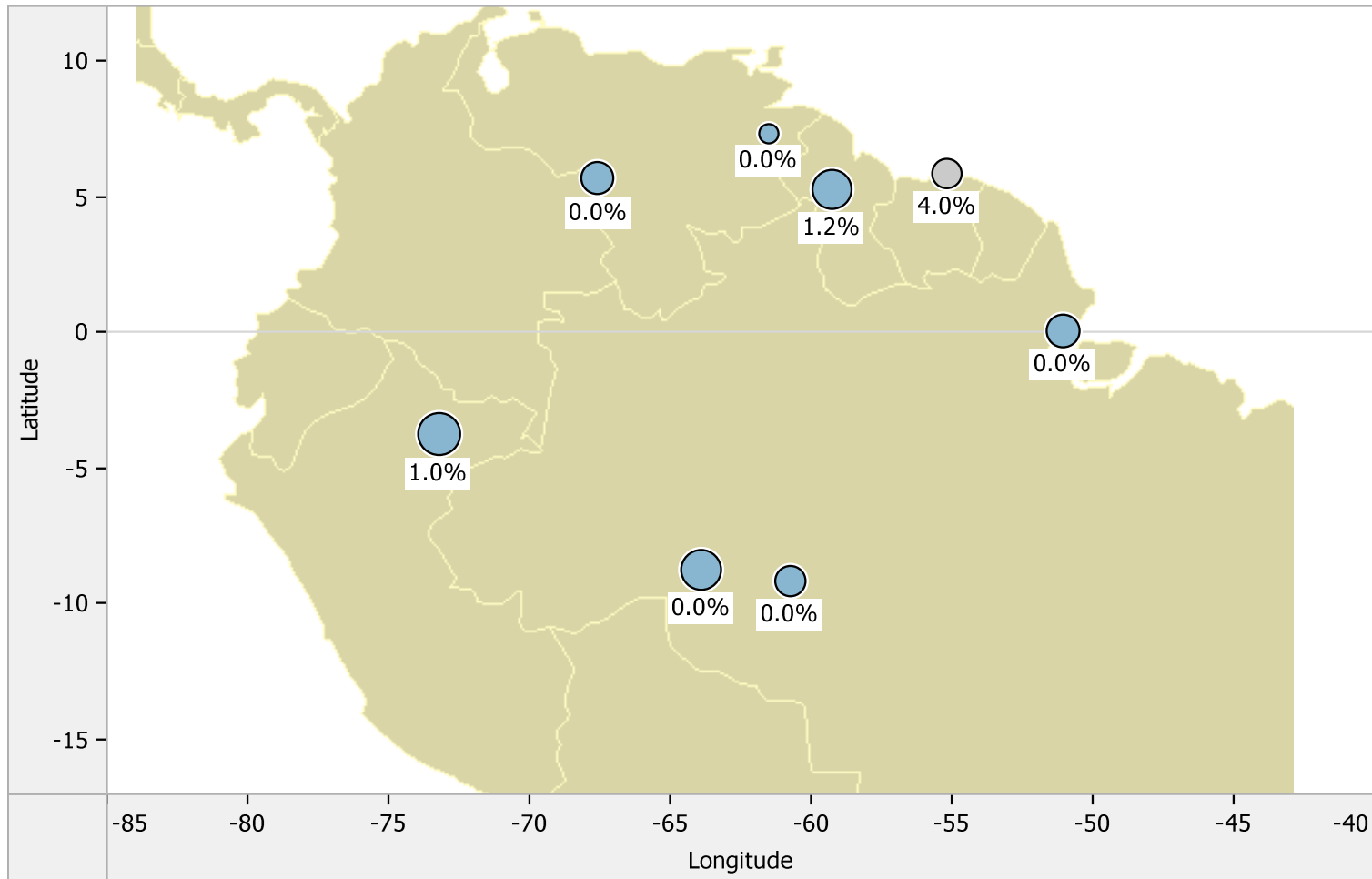


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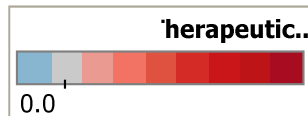
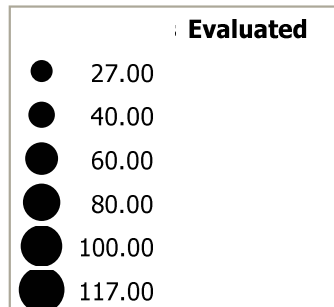
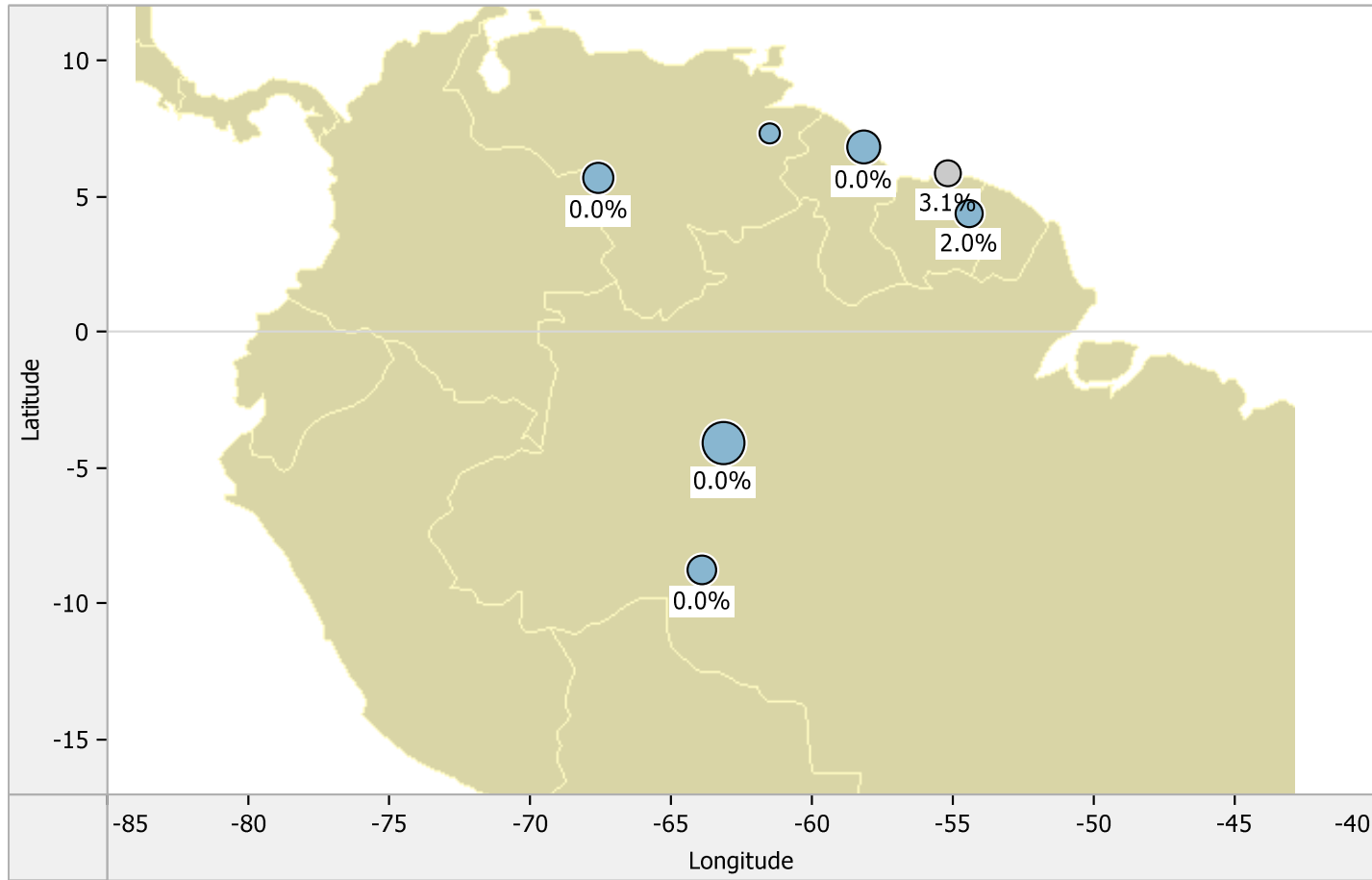
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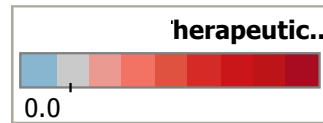
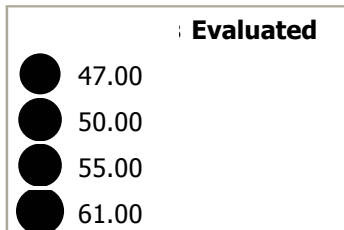
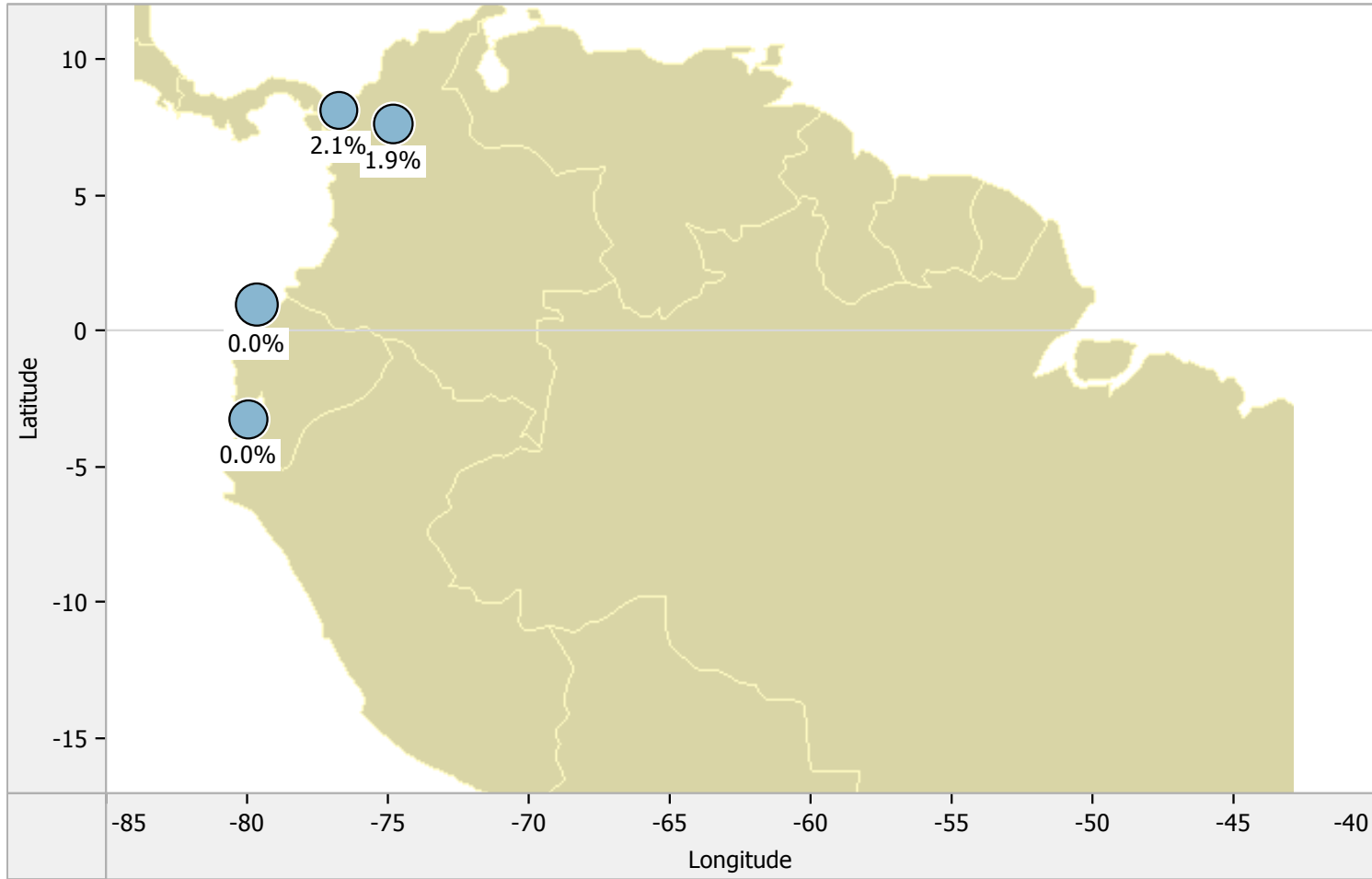
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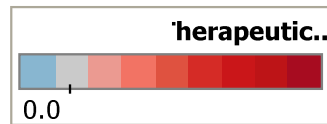
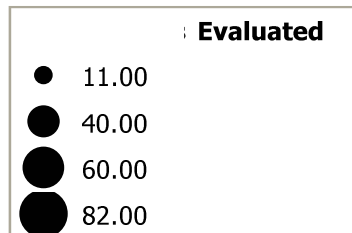
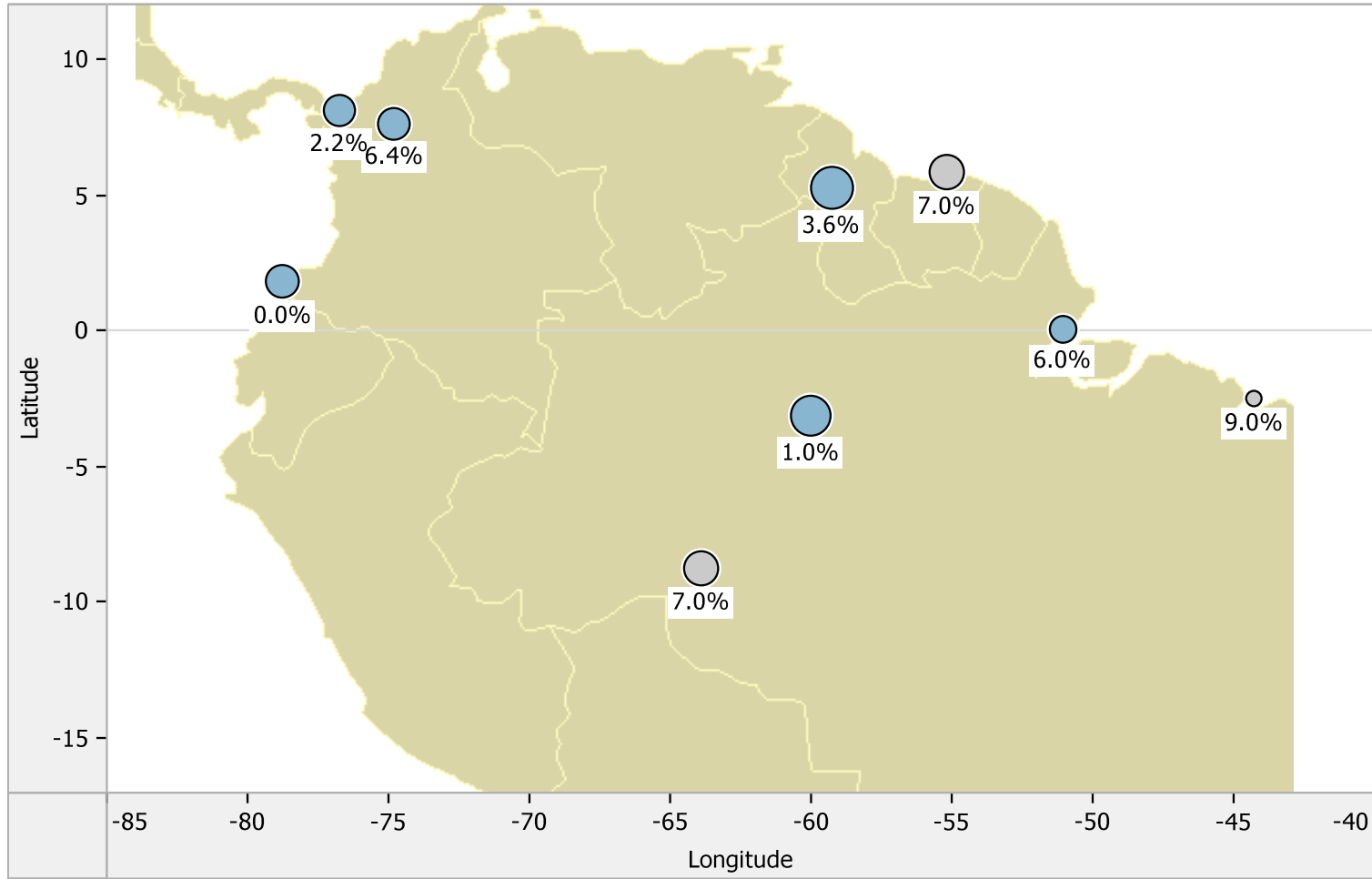


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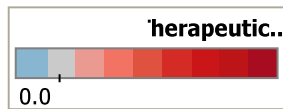
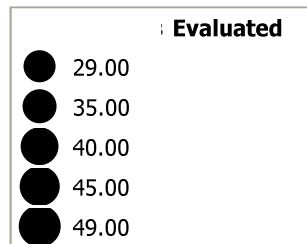
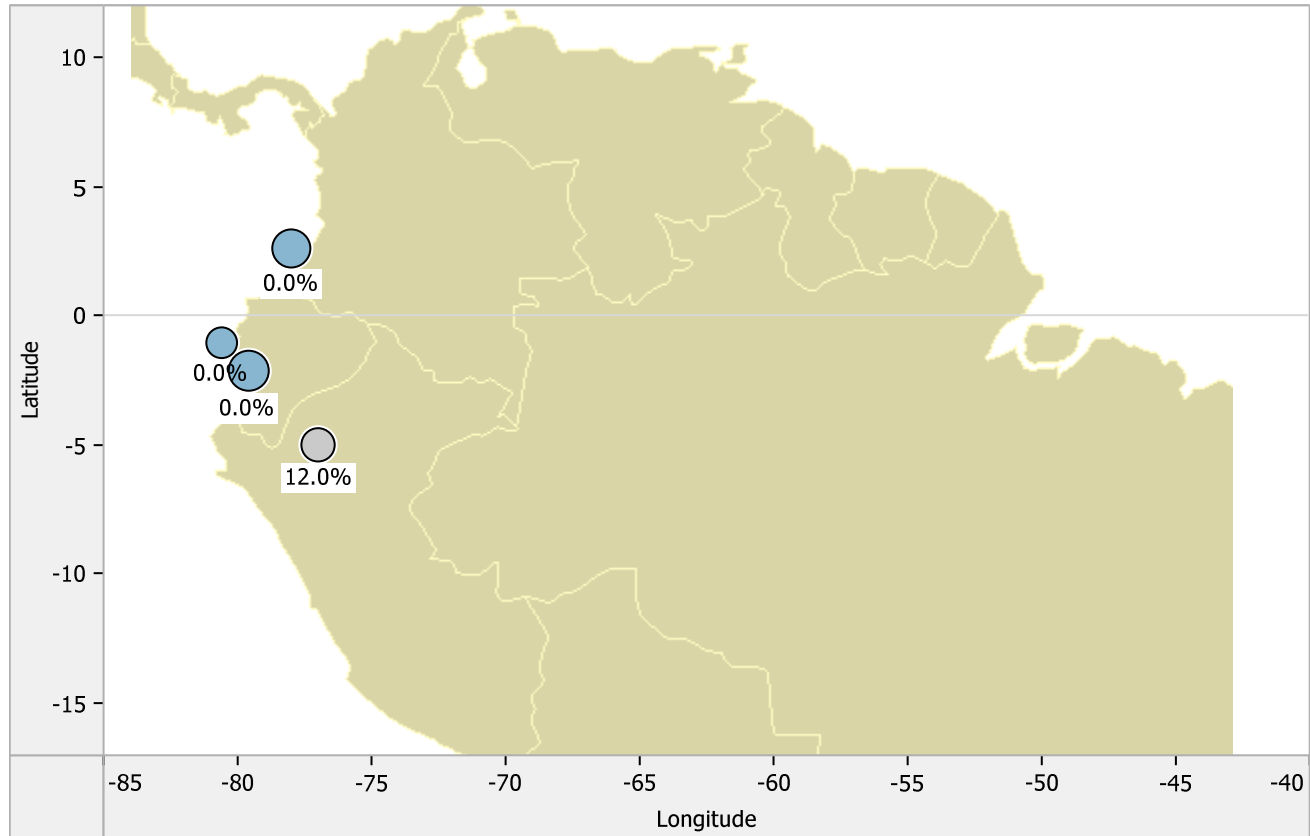




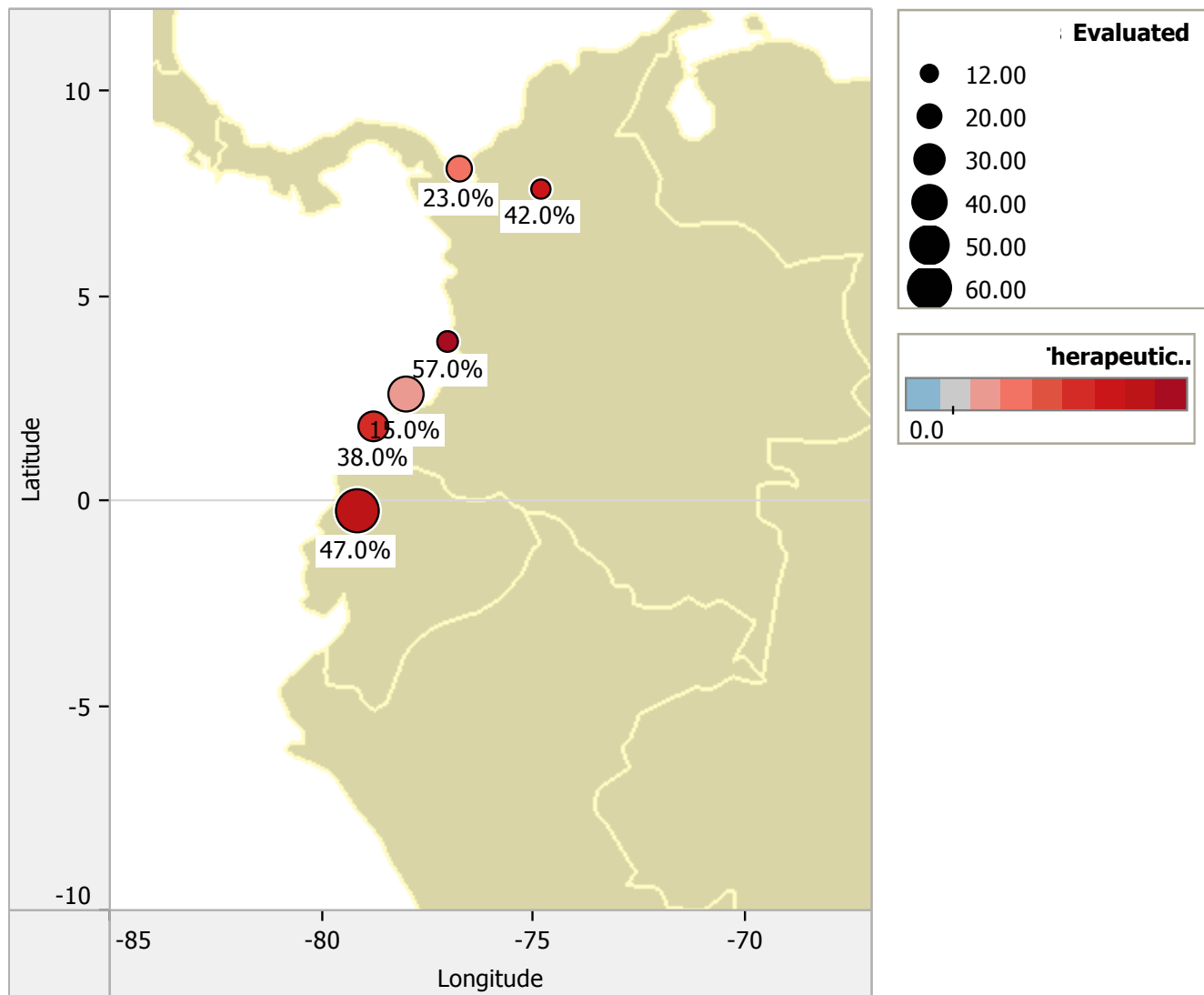
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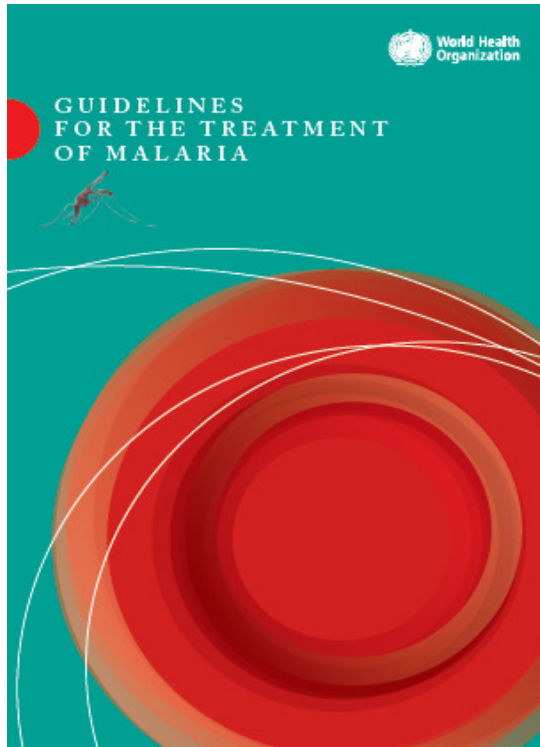
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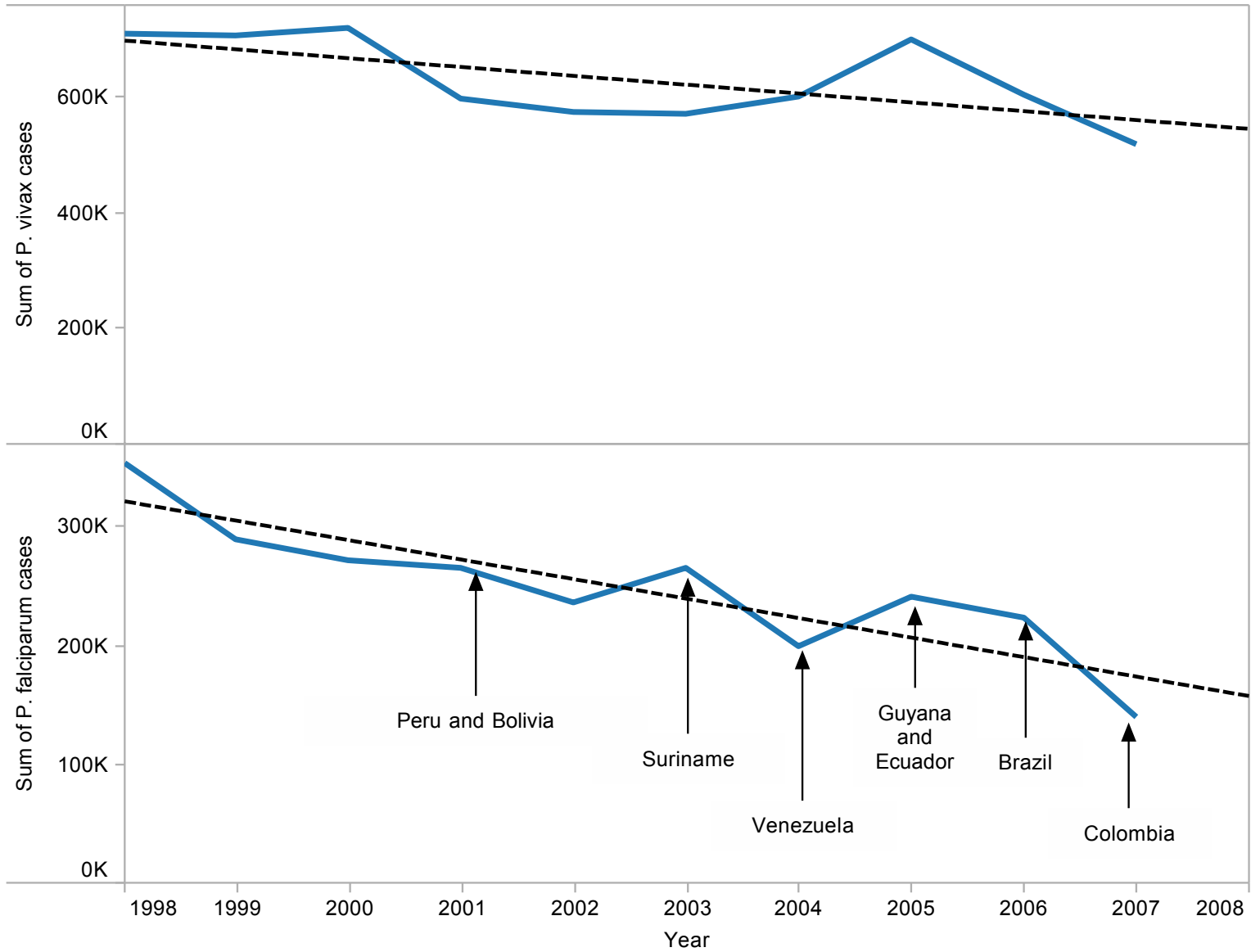
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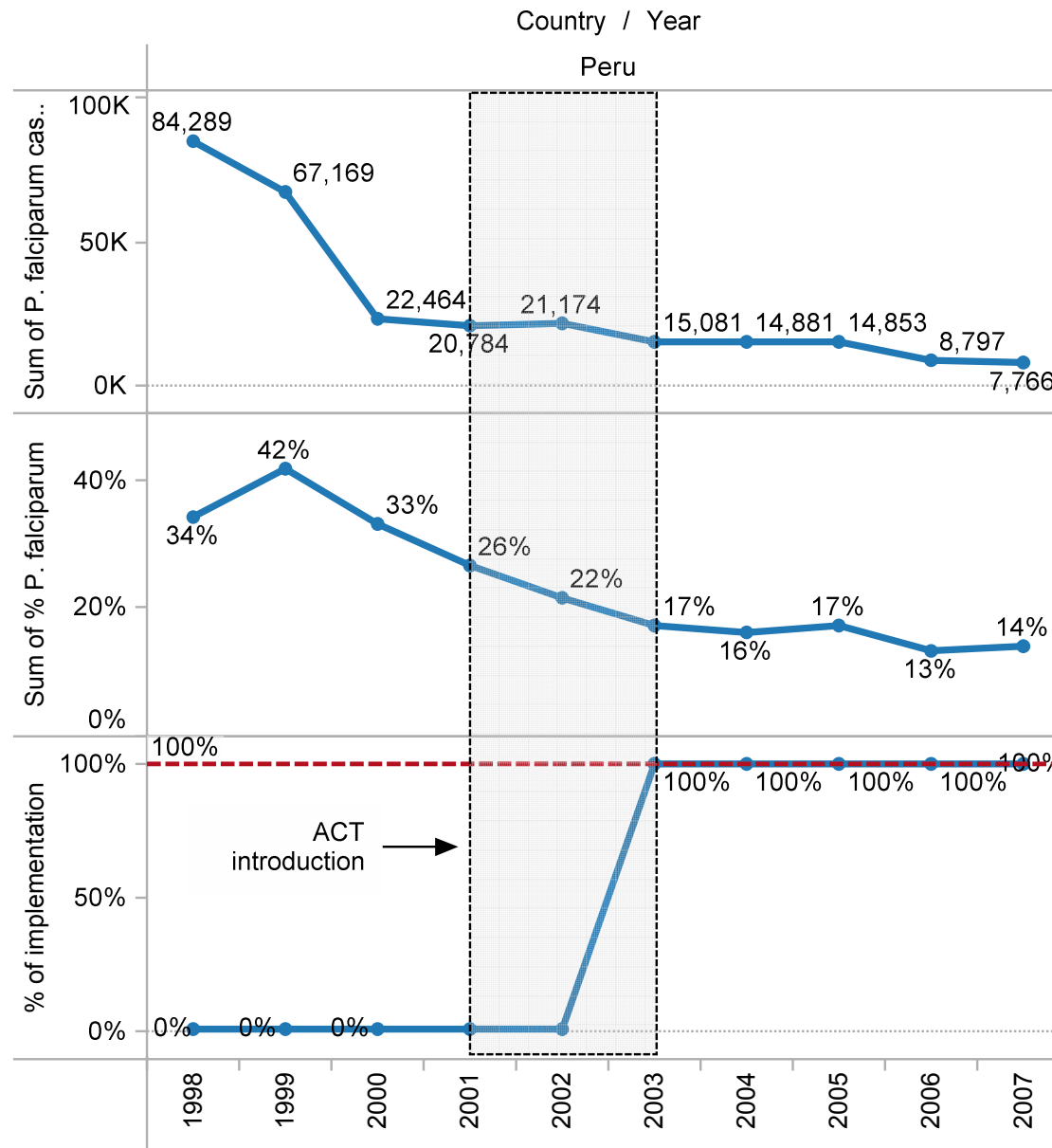
Países amazónicos. 1998 y 2004

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Perú Costa Amazonas	CQ / SP / Q7d+T7d →	SP+ASU ASU+MQ
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Venezuela	CQ →	ASU+MQ

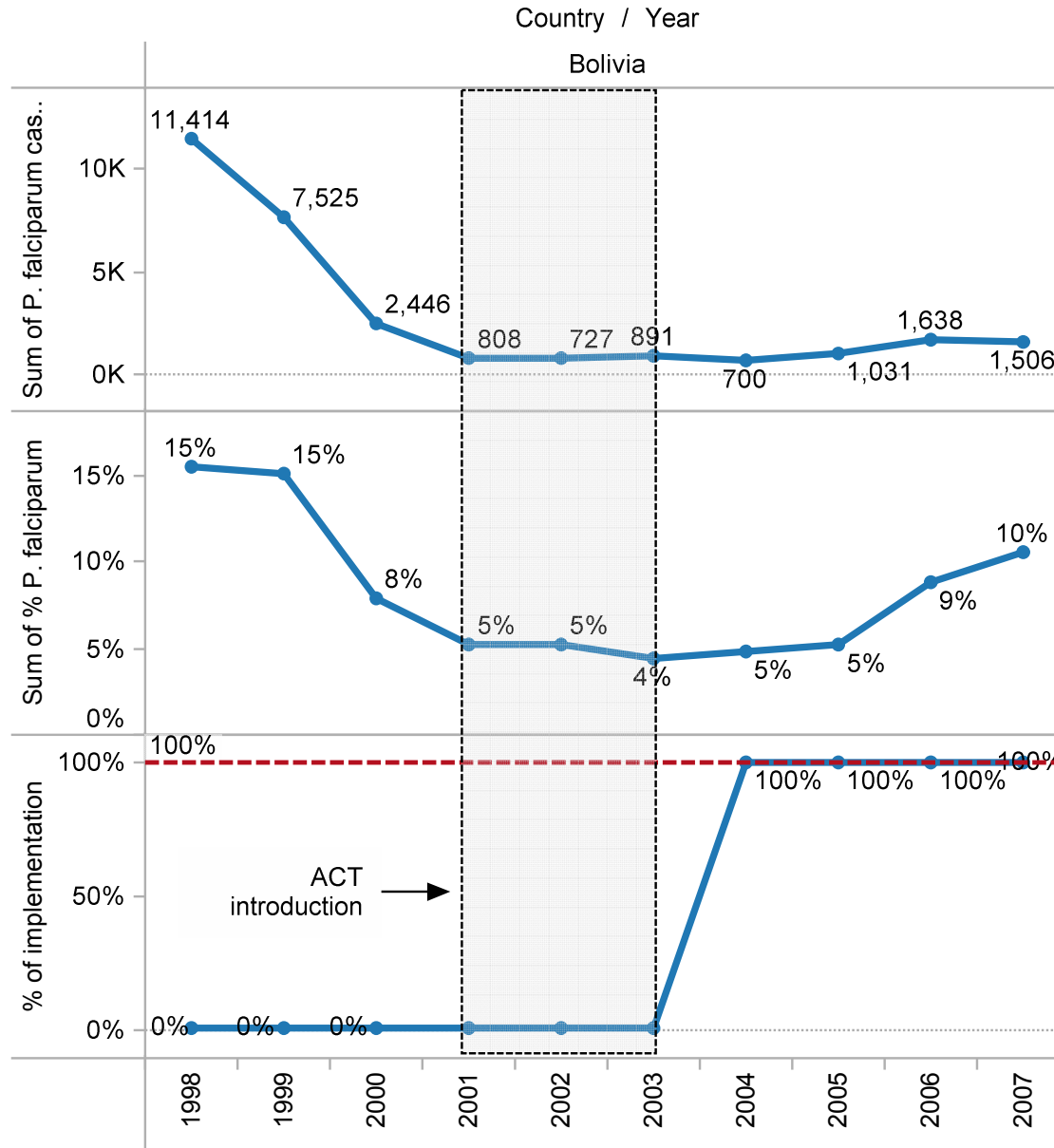
Malaria in the Amazon Region and ACT introduction



### P. falciparum malaria and ACT introduction in Peru

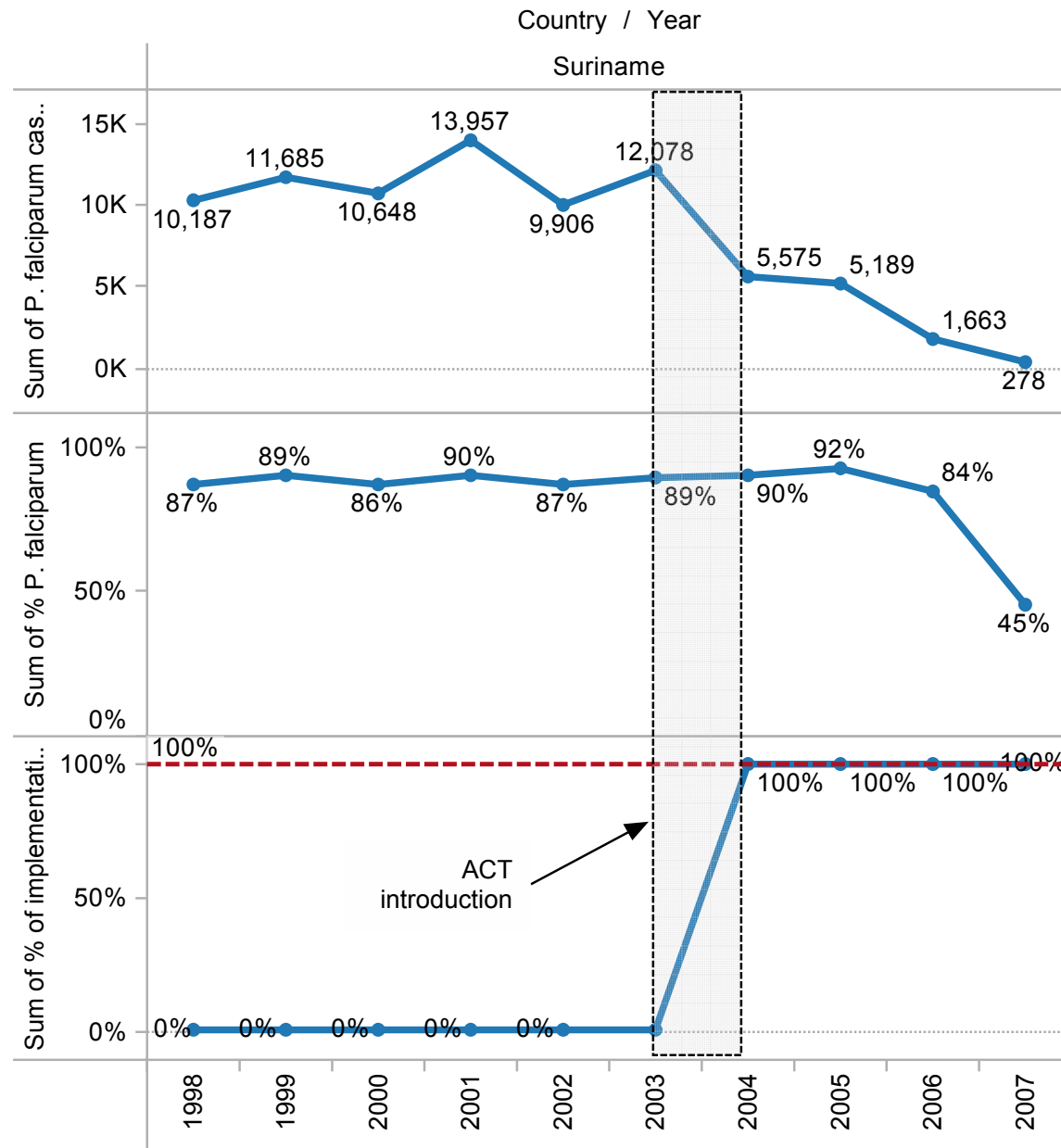


# P. falciparum malaria and ACT introduction in Bolivia

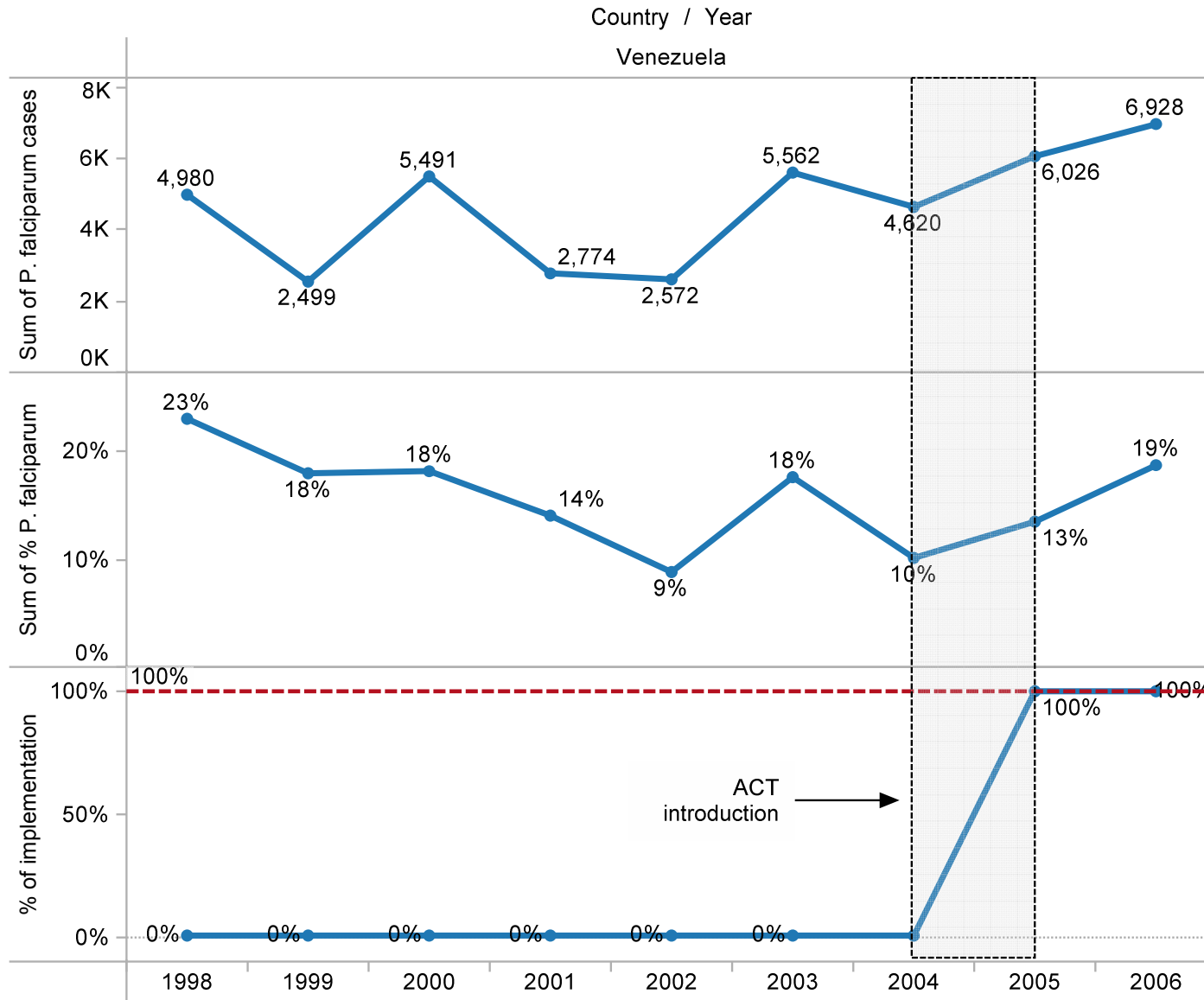




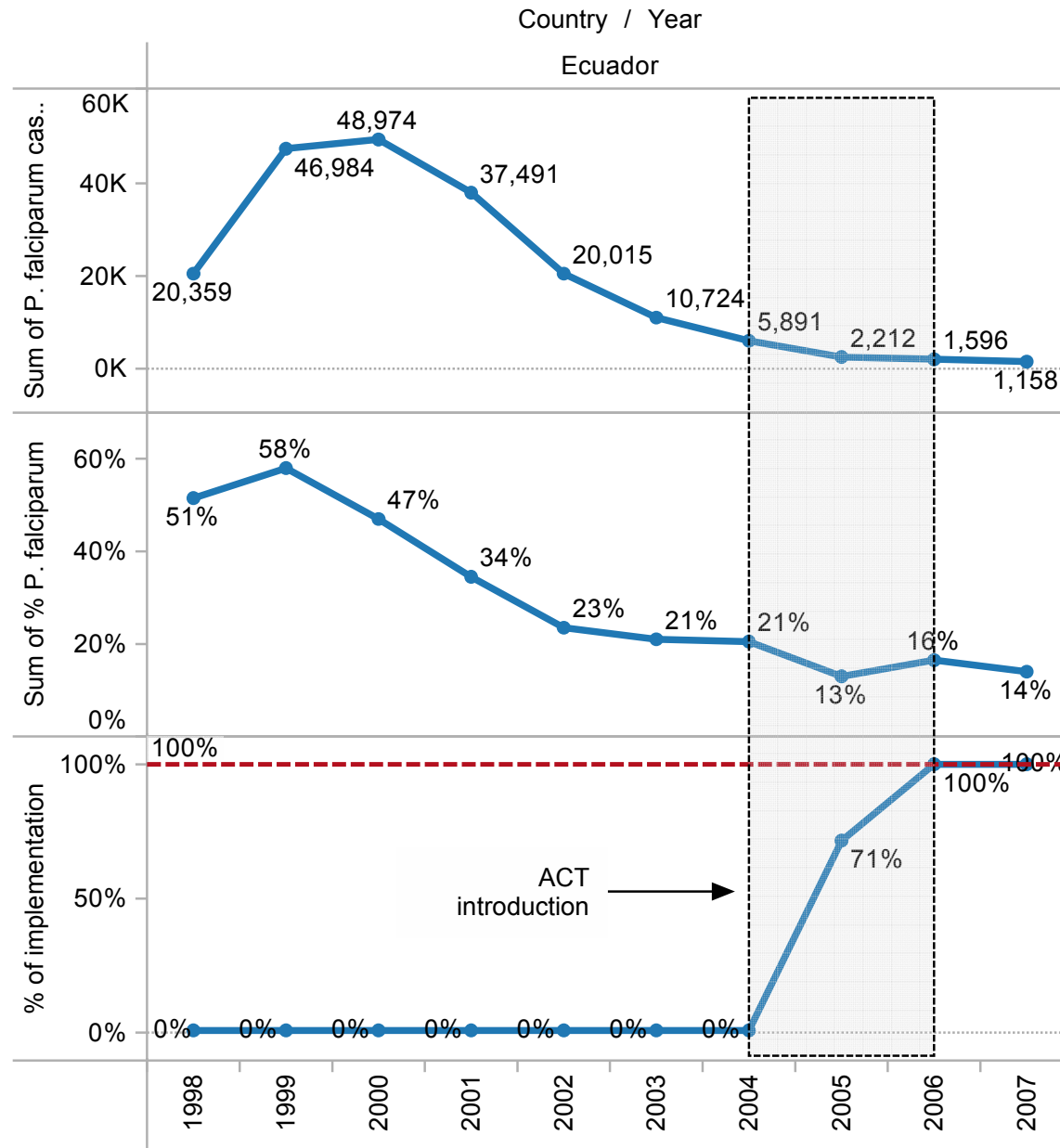
# P. falciparum malaria and ACT introduction in Suriname



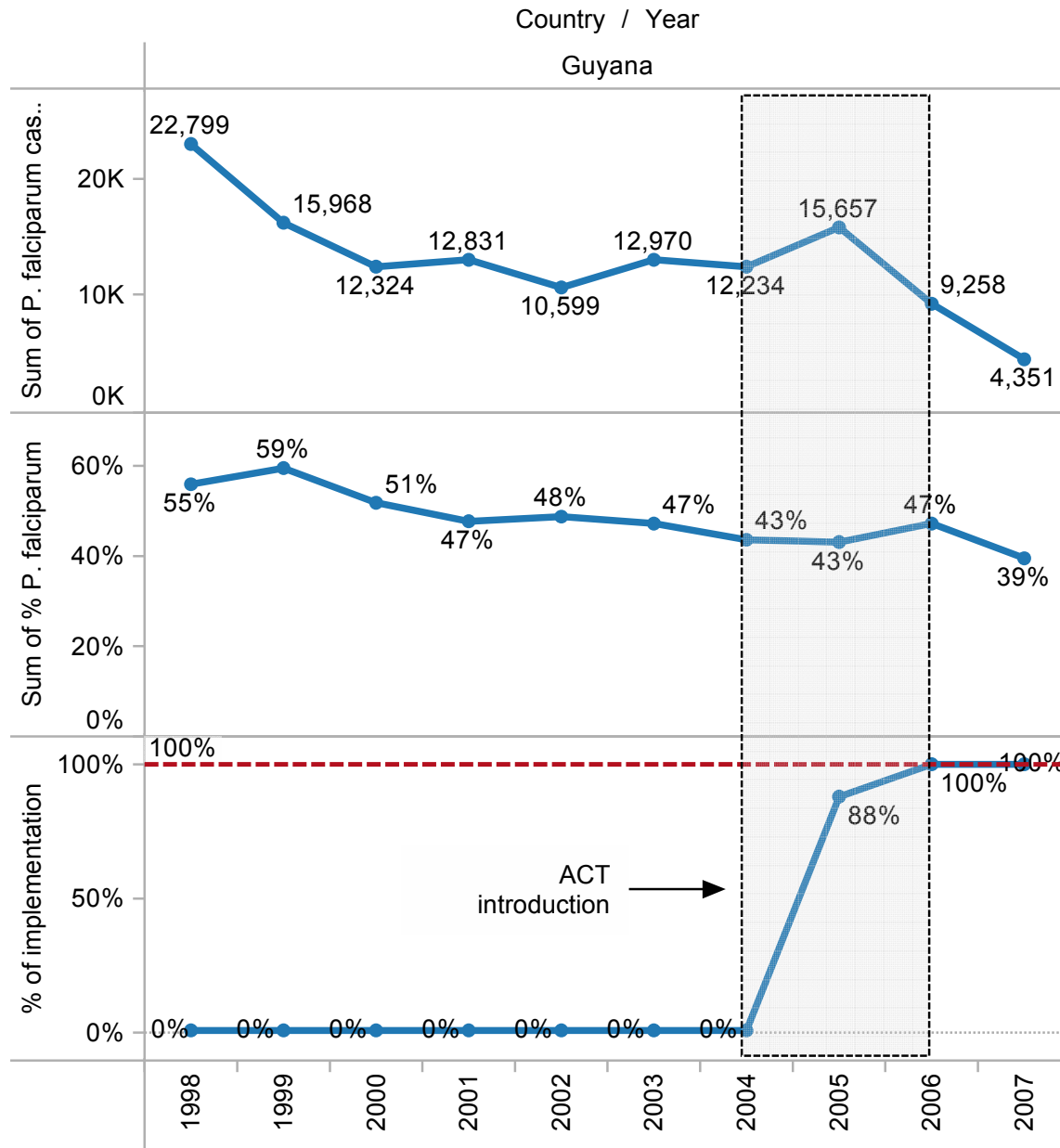
# P. falciparum malaria and ACT introduction in Venezuela



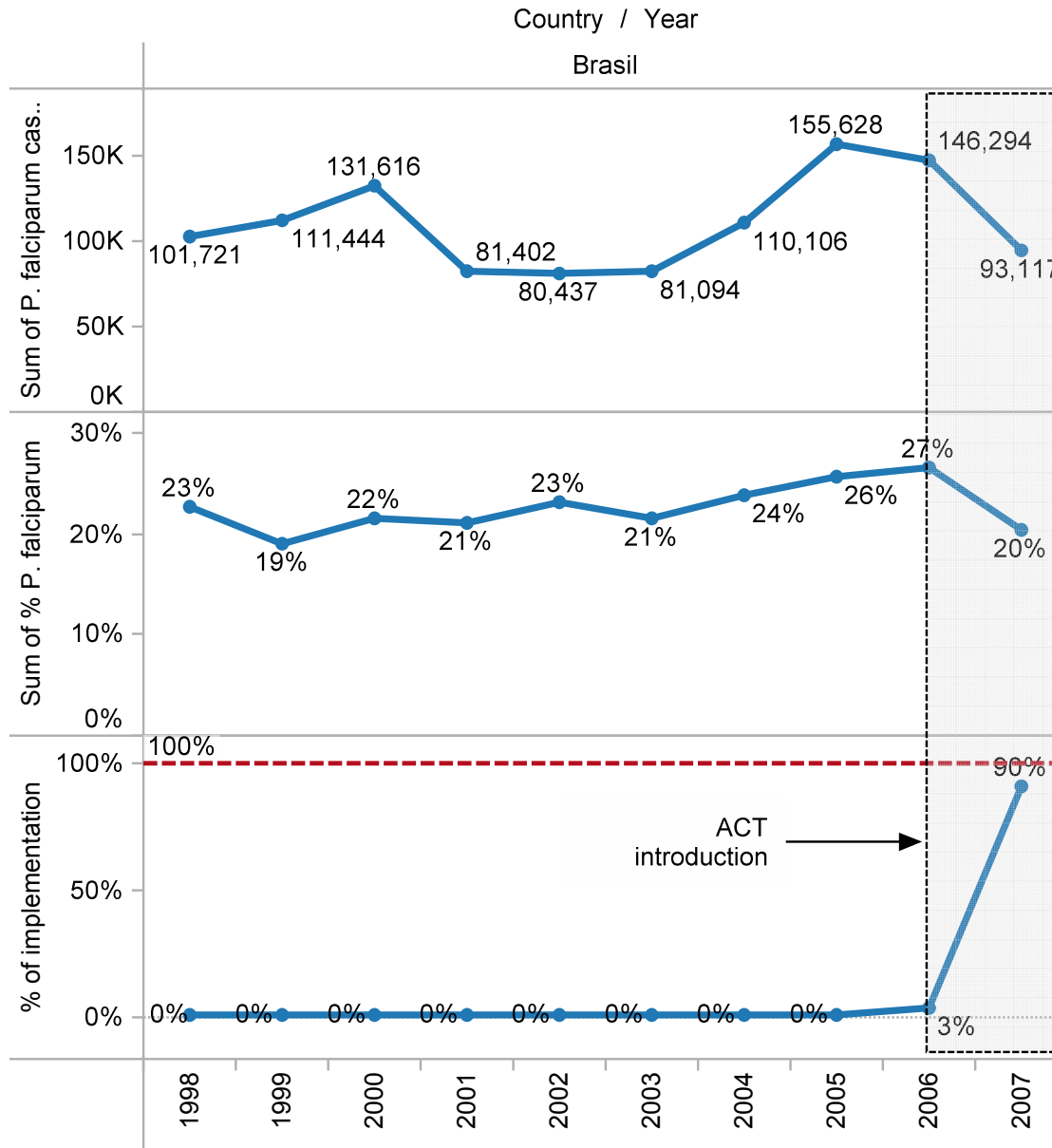
# P. falciparum malaria and ACT introduction in Ecuador



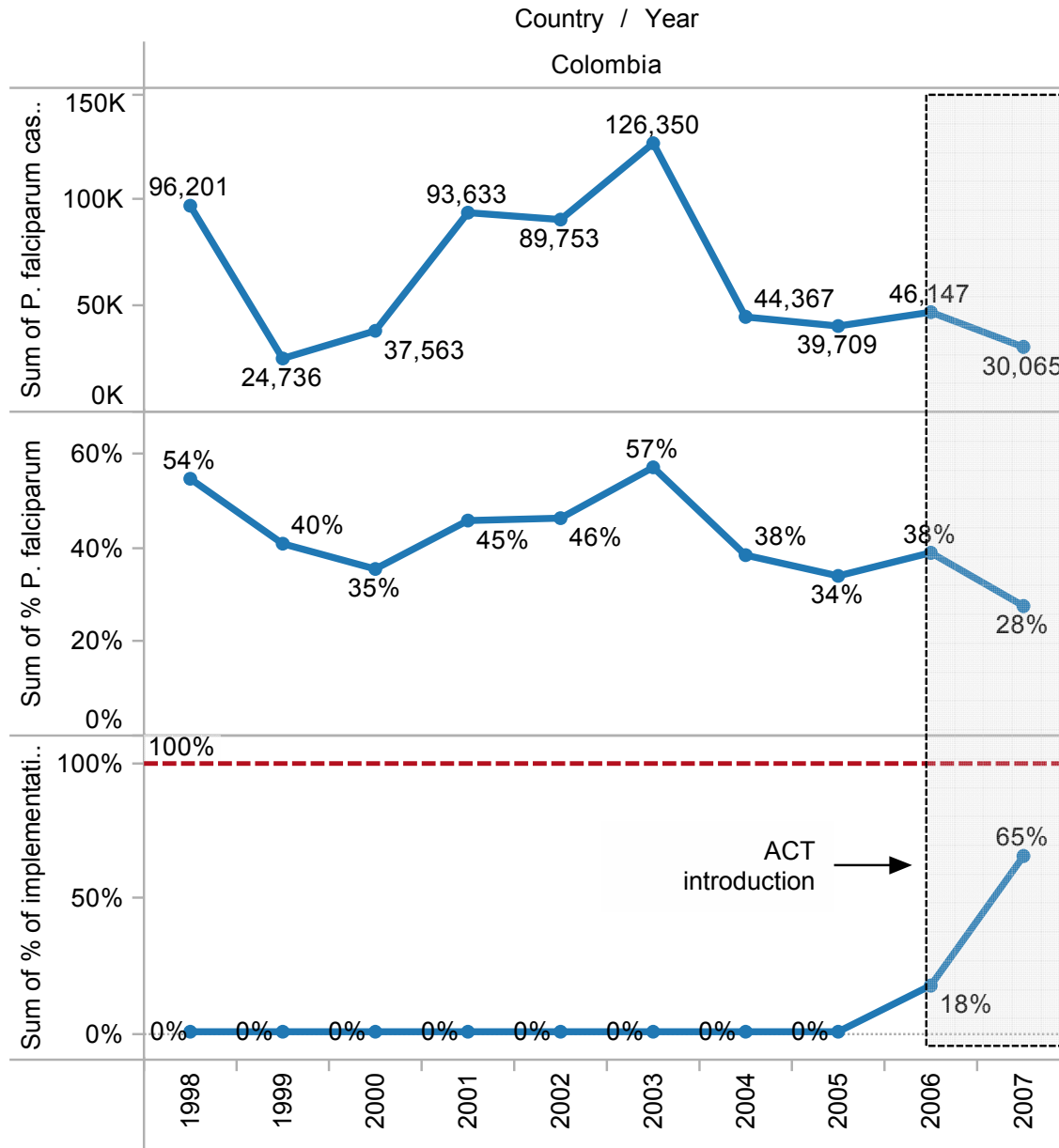
# P. falciparum malaria and ACT introduction in Guyana



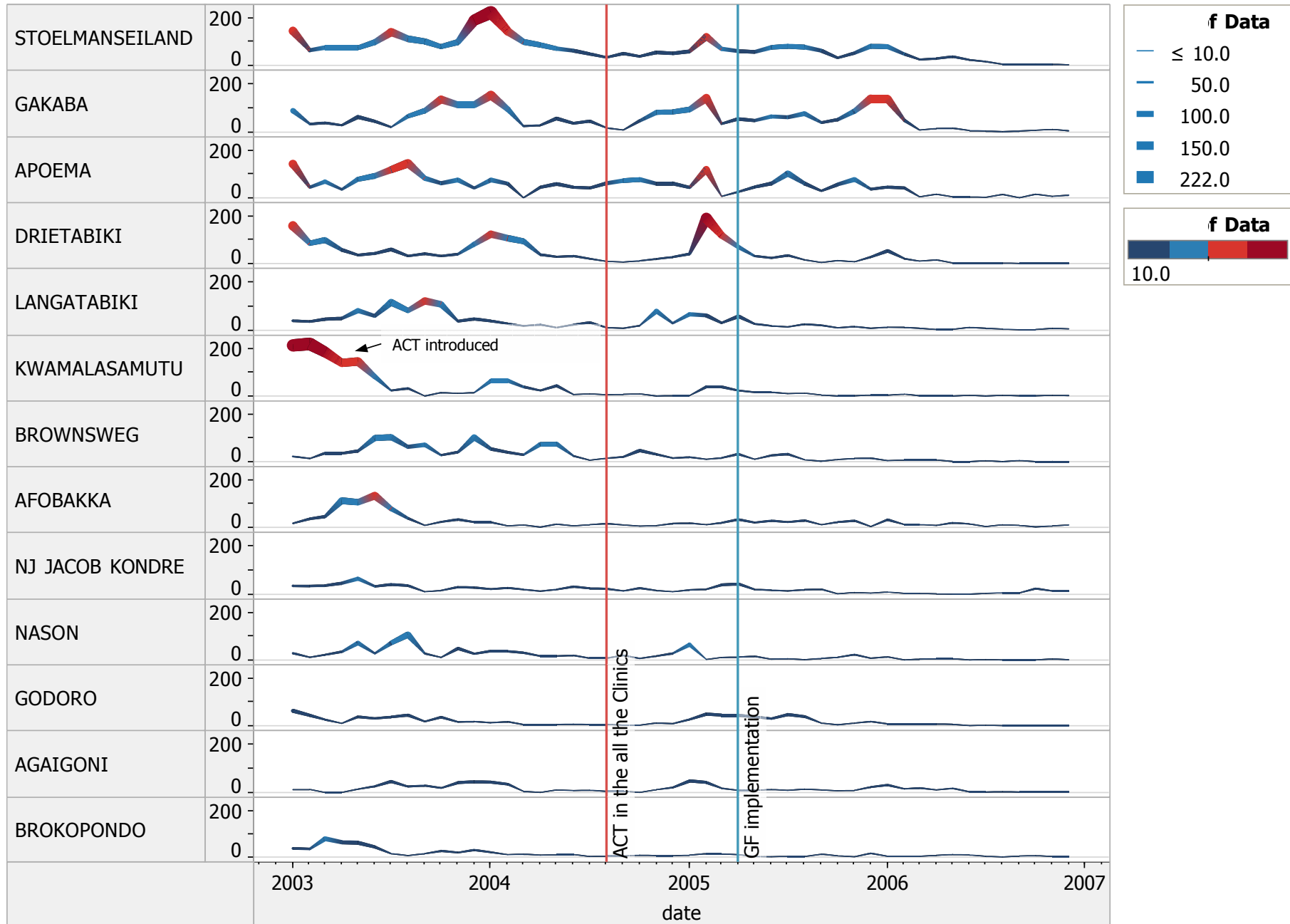
# P. falciparum malaria and ACT introduction in Brazil



### P. falciparum malaria and ACT introduction in Colombia

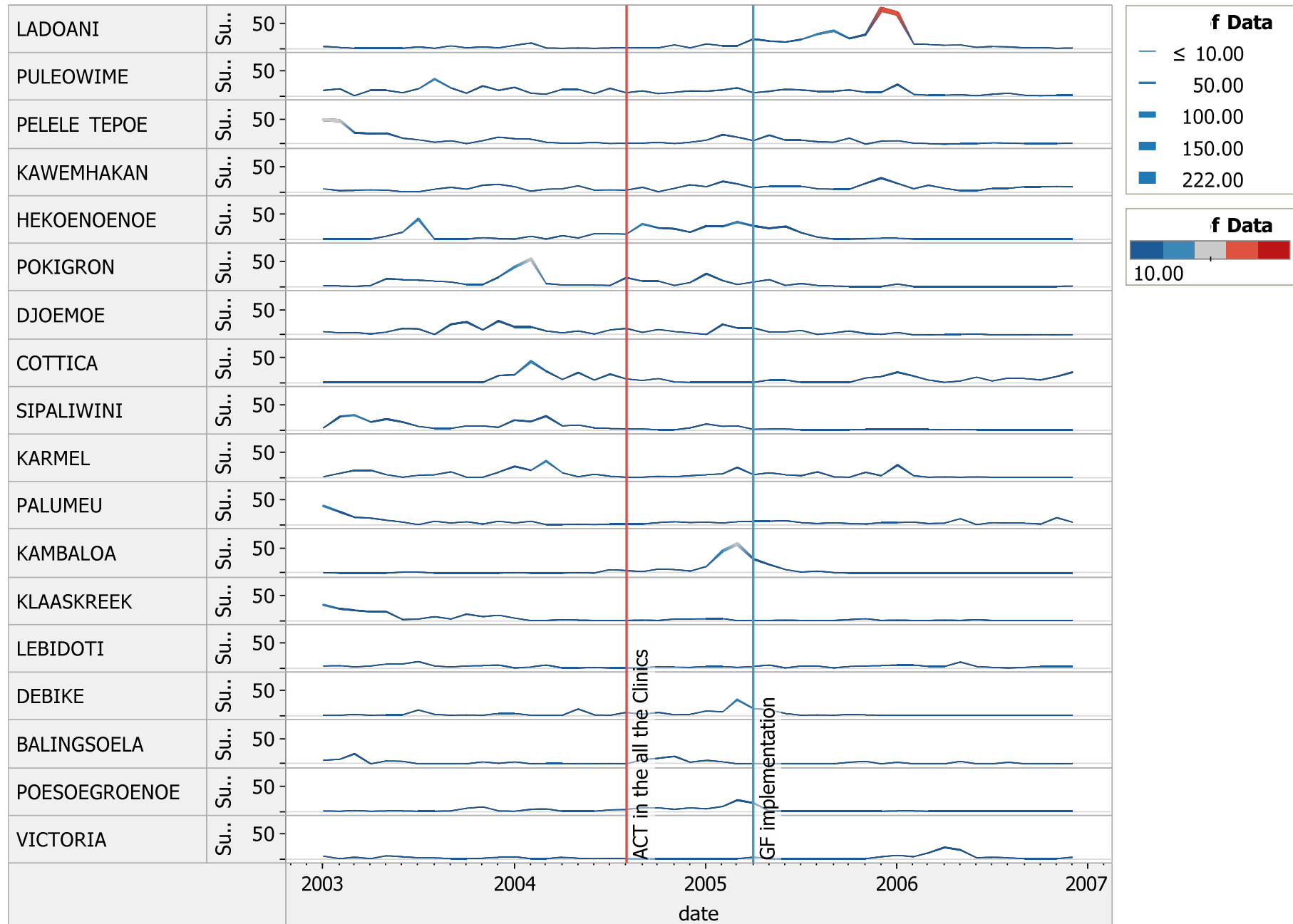


### Policlinics with more than 500 cases



The trend of sum of Data with date broken down by Name. Color shows sum of Data. Size shows sum of Data. The view is filtered on Name. which has multiple members selected.

### Policlinics between 100-500 cases

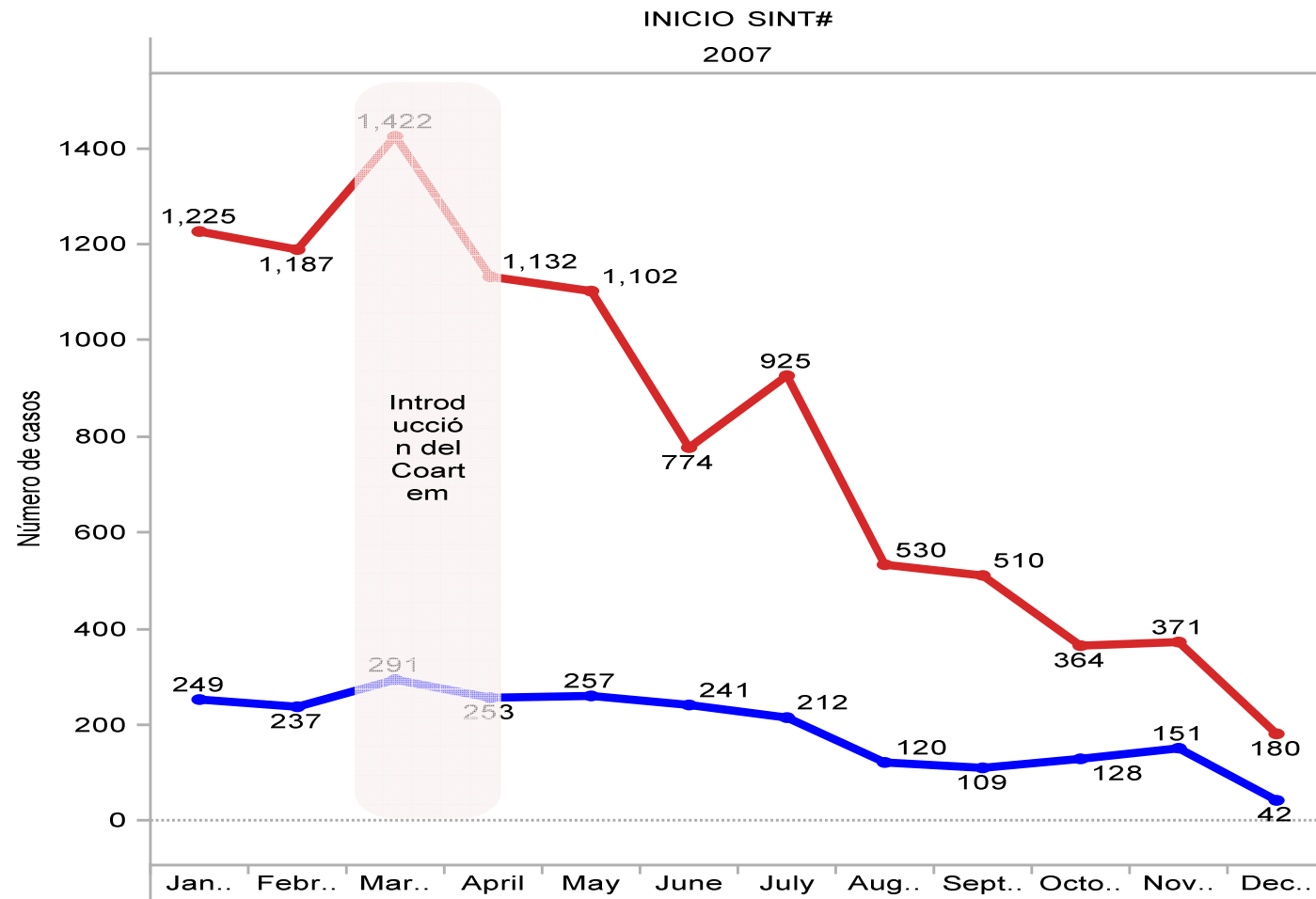


The trend of sum of Data with date broken down by Name. Color shows sum of Data. Size shows sum of Data. The view is filtered on Name, which keeps 18 members.



# Narino - Colombia

Serie temporal de casos por especie 2007



**PARASITO**

■ P. falciparum

■ P. vivax



**Planificacion de necesidades**

**Capacitacion en gestion**

**Guias de manejo de  
medicamentos**

**Monitoreo del acceso y uso en  
los puestos de diagnostico**

**Laboratorios de referencia**

**Uso de Minilabs**

**FICHAnarino2.pdf - Adobe Acrobat Professional**

File Edit View Document Comments Forms Tools Advanced Window Help

Create PDF Combine Files Export Start Meeting Secure Sign Forms Review & Comment

1 / 1 97.9% Find

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**Instituto Departamental de Salud de Narino** **SUPERVISIÓN A LOS PUESTOS DE DIAGNÓSTICO Y TRATAMIENTO DE MALARIA**

**1** N° de la visita

**Identificación**

**2** Municipio **3** Departamento **4** Localidad

**5** Fecha de la supervisión **6** Supervisor **7** Puesto de diagnóstico y tratamiento

**8** Número de microscopistas **9** Días del puesto abierto para diagnóstico en el **10** Horas disponibles por día (microscopista) **11** Número de exámenes en el último mes

**Diagnóstico**

**Características de los microscopios**

**12** Microscopio 1  **13** Microscopio 2   
 1-No funciona 2-Funciona con defectos 3-En buenas condiciones

**14** Defectos encontrados

**15** Observar y registrar sobre la disponibilidad de los siguientes  Lancetas  Láminas  Azul de metileno  Agua tamponada  Colorantes  Aceite de inmersión  
 1-No hay 2-Cantidad insuficiente 3-Cantidad adecuada

**16** Envía láminas para revisión?  **17** Periodicidad del envío  **18** % de láminas enviadas en la última revisión  
 1-Si 2-No  1-Semanal 2-Quincenal 3-Mensual 4-Trimestral Positivas  Negativas

**Medicamentos**

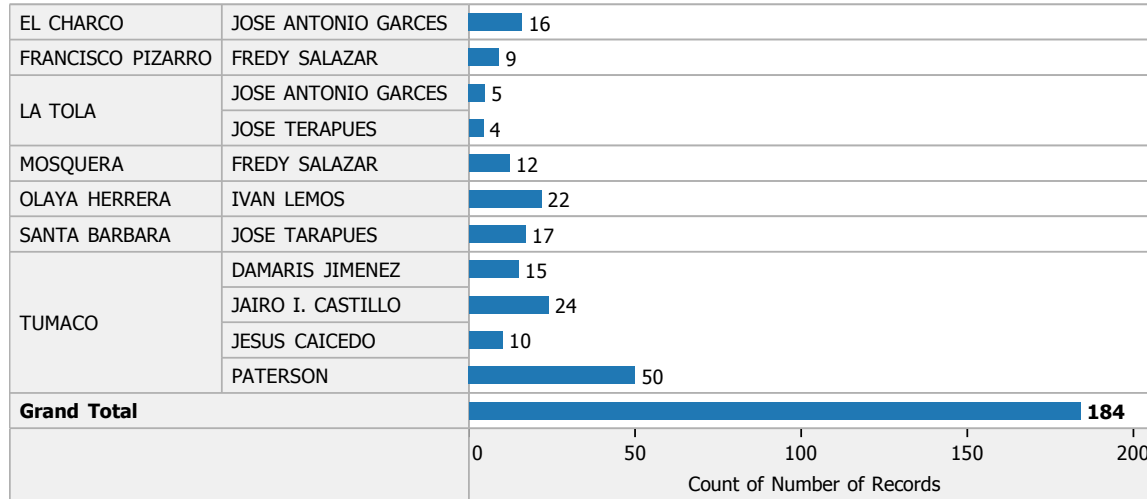
**19** Observar si existe registro de medicamentos  **20** Fecha de la última actualización del registro

**21** Observar y registrar: -la cantidad de blisters, comprimidos y ampollas (válidos y vencidos) - la validad del lote más antiguo

	Válidos	Vencidos	Validad (mes/año)	Válidos	Vencidos	Validad (mes/año)
Coartem 5-14 Kg	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coartem 15-24 Kg	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Primaquina 5mg	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quinina (comp)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Slide 8 of 27 Microphone Default Design English (U.S.)

### N de puestos de diagnóstico visitados por municipio y supervisor



Count of Number of Records for each SUPERVISOR broken down by MUNICIPIO. The view is filtered on MUNICIPIO, which keeps 7 members. The marks are labeled by count of Number of Records.

### N de puestos donde hubo fraccionamiento de comprimidos de Coartem

	no	si
EL CHARCO	15	1
FRANCISCO PIZARRO	8	1
LA TOLA	9	
MOSQUERA	12	
OLAYA HERRERA	22	
SANTA BARBARA	17	
TUMACO	99	

Count of Number of Records broken down by Cofraccionamiento (group) vs. MUNICIPIO. The view is filtered on MUNICIPIO, which keeps 7 members.

### N de puestos de diagnóstico según número de tratamientos de Coartem disponibles en el momento de la visita

	Null	0	1-5	6-10	10-20	>20	Grand T..
EL CHARCO				1	3	12	16
FRANCISCO PIZARRO		2	4	2	1		9
LA TOLA					2	7	9
MOSQUERA			1	8	2	1	12
OLAYA HERRERA		2	5	11	1	3	22
SANTA BARBARA					3	14	17
TUMACO	8	1	32	37	12	9	99
<b>Grand Total</b>	<b>8</b>	<b>5</b>	<b>42</b>	<b>59</b>	<b>24</b>	<b>46</b>	<b>184</b>

Count of Number of Records broken down by ajuste tto coartem nv (group) vs. MUNICIPIO. The view is filtered on MUNICIPIO and Exclusions (ajuste tto coartem nv (group),MUNICIPIO). The MUNICIPIO filter keeps 7 members. The Exclusions (ajuste tto coartem nv (group),MUNICIPIO) filter specifies a set.

### N de puestos donde hubo extracción del Coartem del blister

	No	Si
EL CHARCO	15	1
FRANCISCO PIZARRO	9	
LA TOLA	9	
MOSQUERA	12	
OLAYA HERRERA	21	1
SANTA BARBARA	17	
TUMACO	99	

Count of Number of Records broken down by COext comp blister vs. MUNICIPIO. The view is filtered on MUNICIPIO, which keeps 7 members.

# Obrigado

PAHO/WHO - Brasil

