

Ministerio para la Transición Ecológica y el Reto Demográfico
Dirección General del Agua

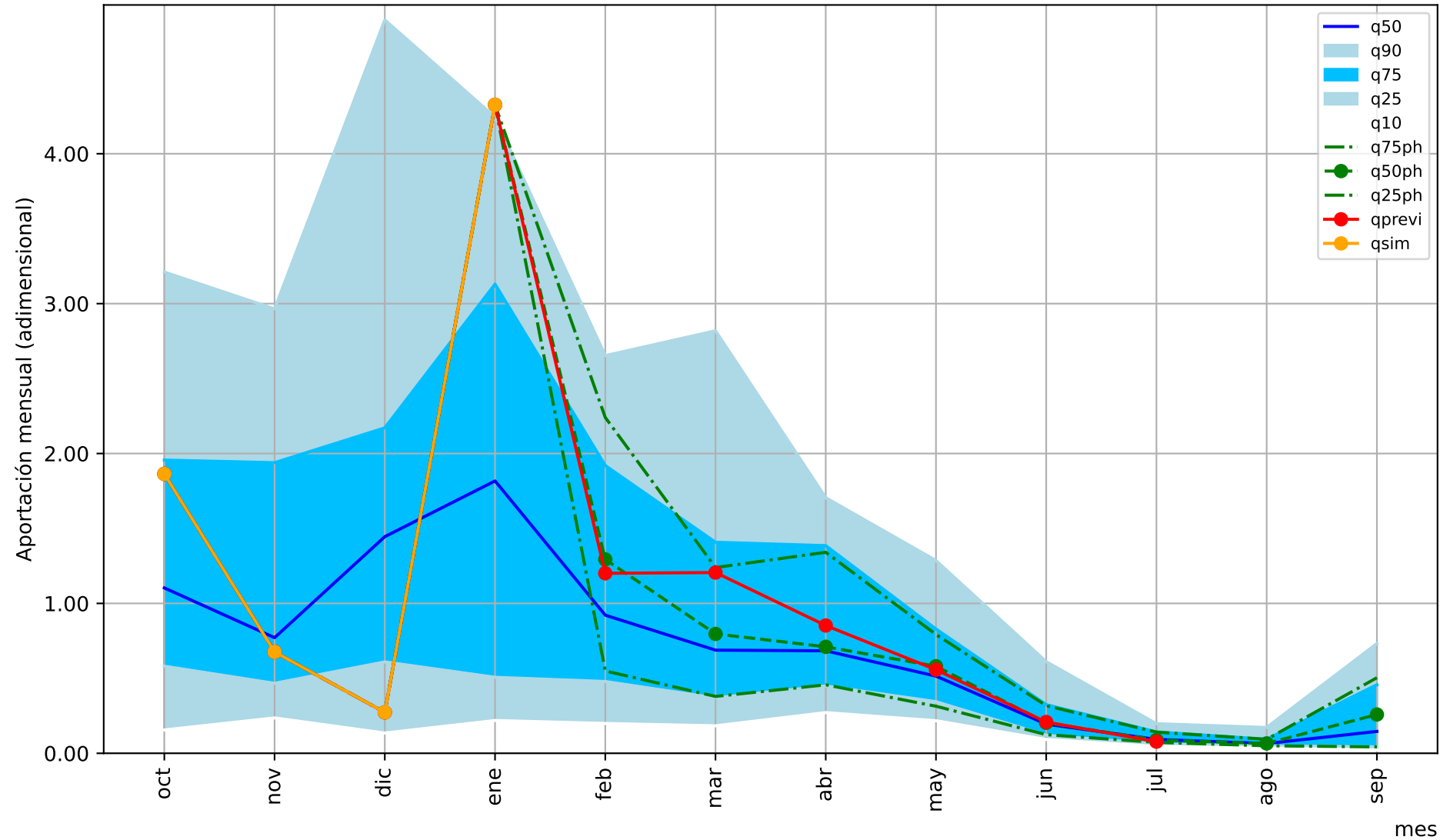
Calculo de predicciones hidrológicas estacionales

Modelo simulación hidrológica: PATRICAL

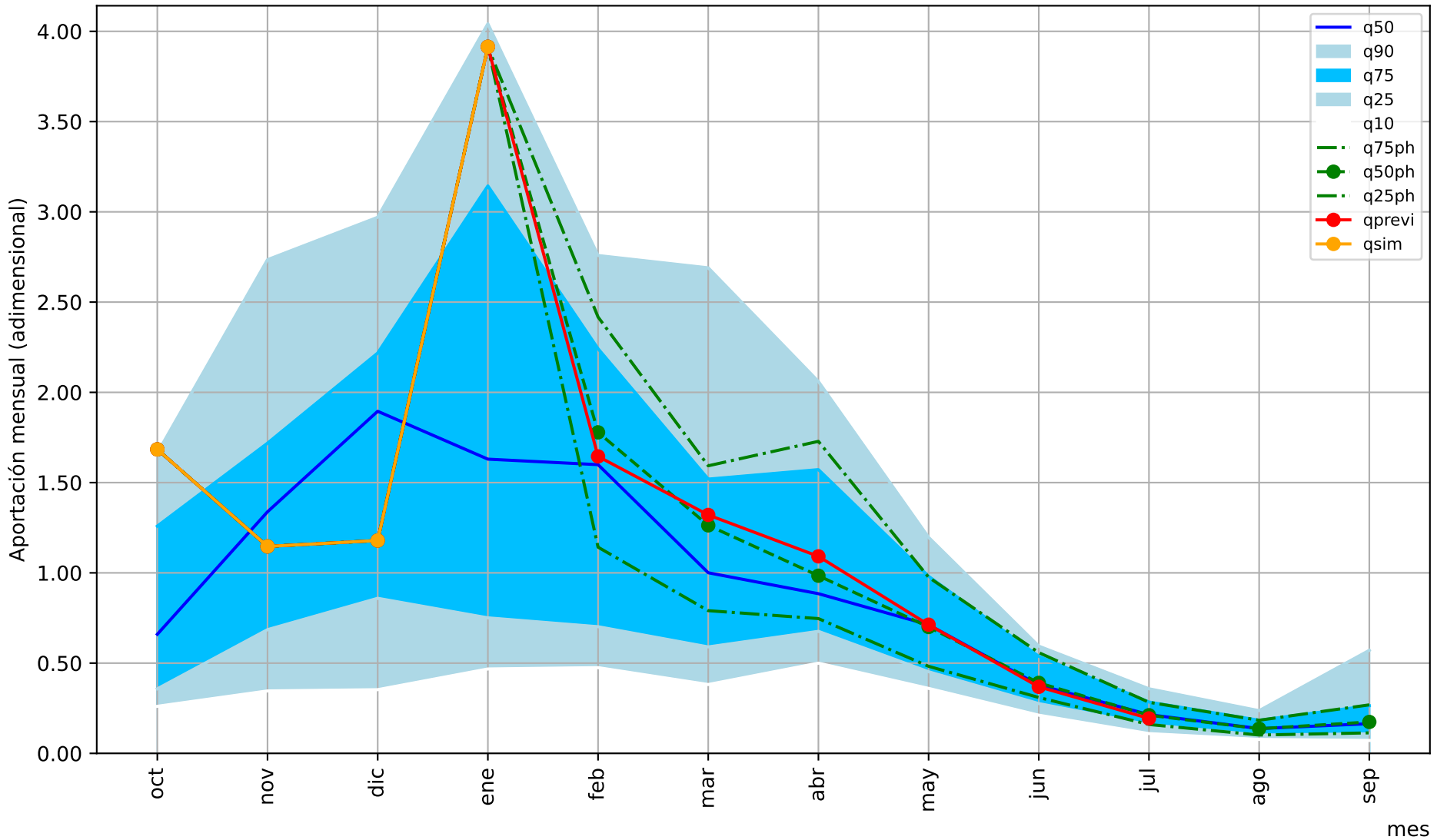
Aportaciones hidrológicas en régimen natural

Predicción realizada en febrero de 2025

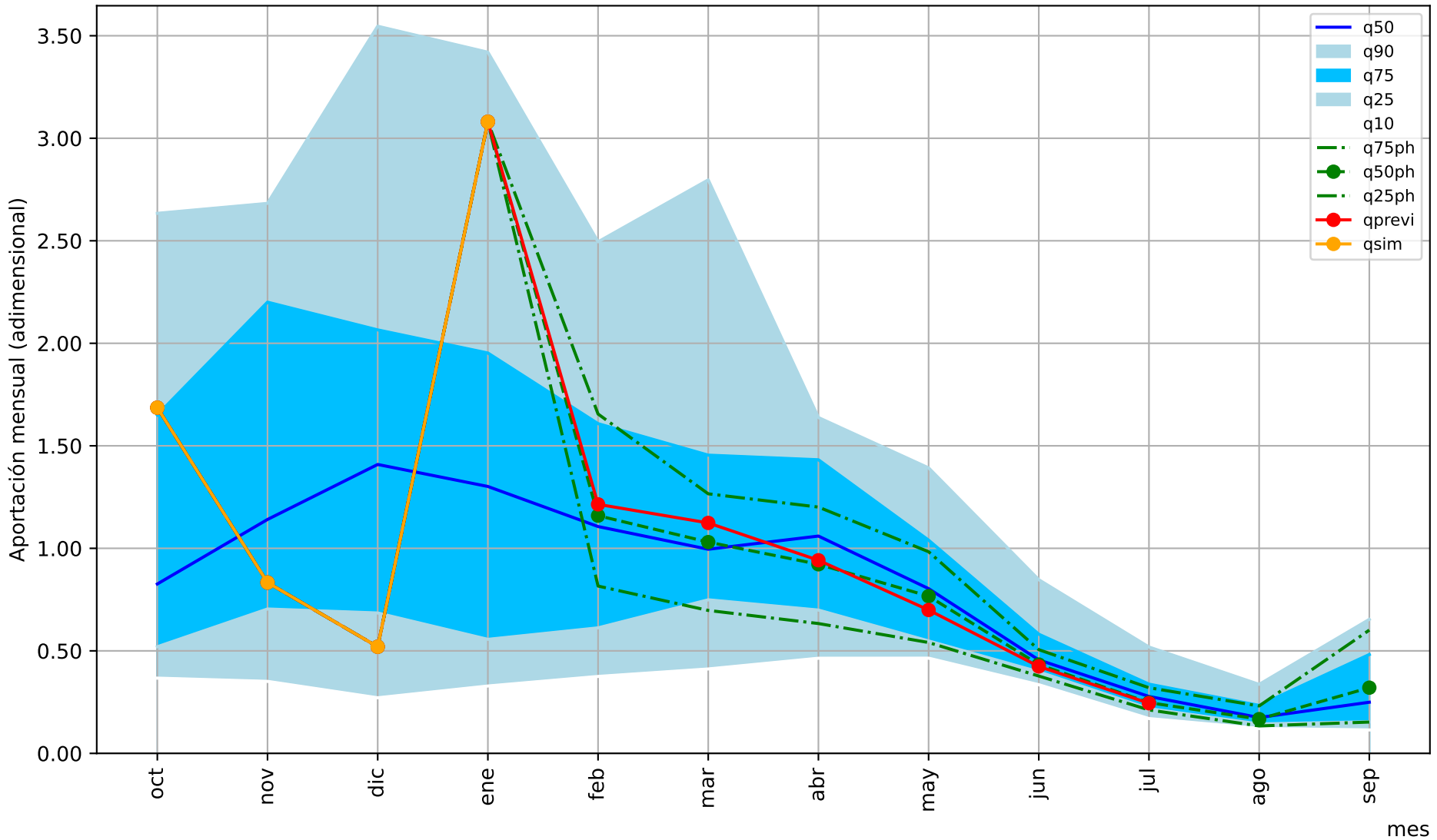
Universitat Politècnica de València
IIAMA - Instituto de Ingeniería del Agua y Medio Ambiente



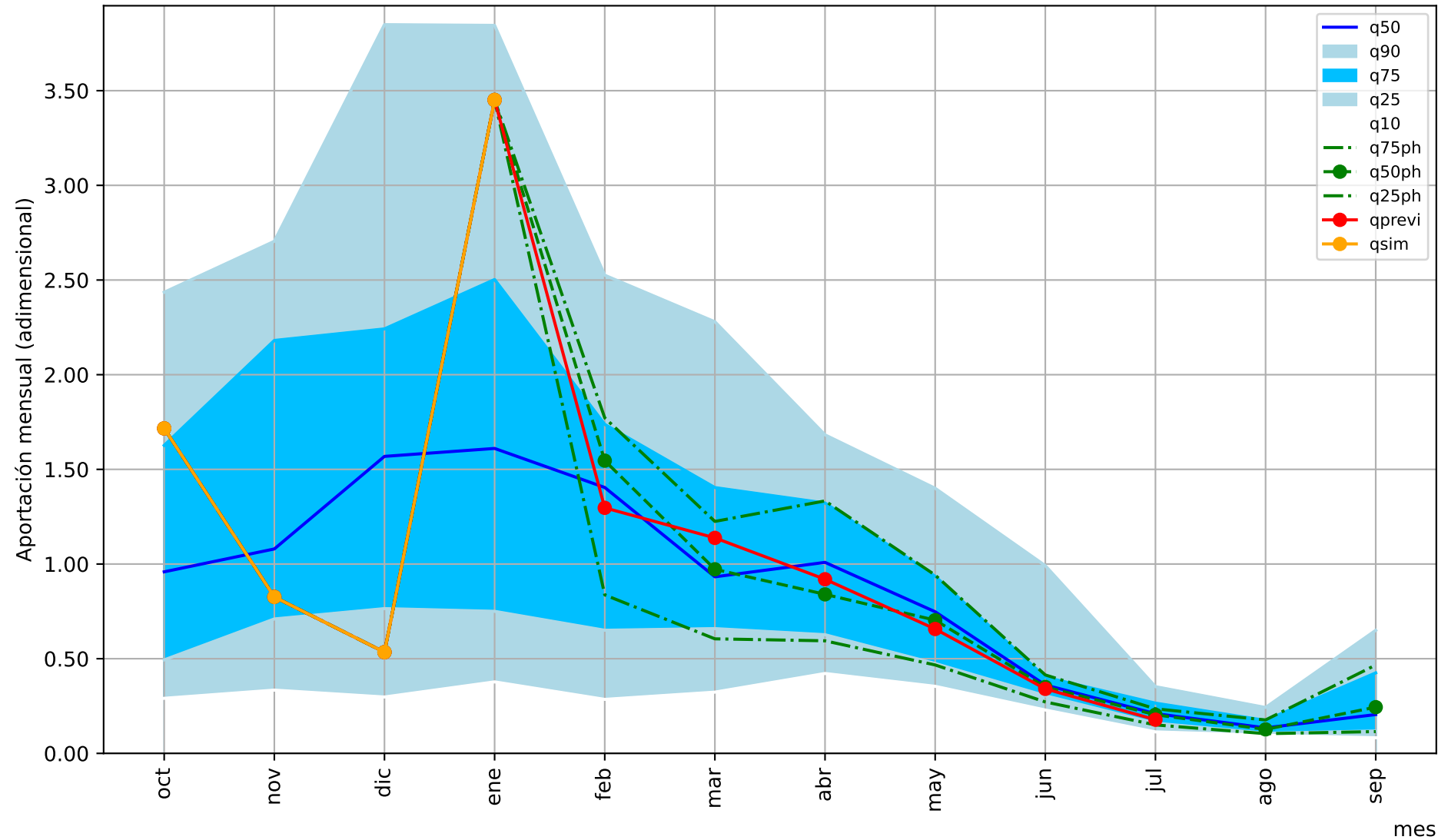
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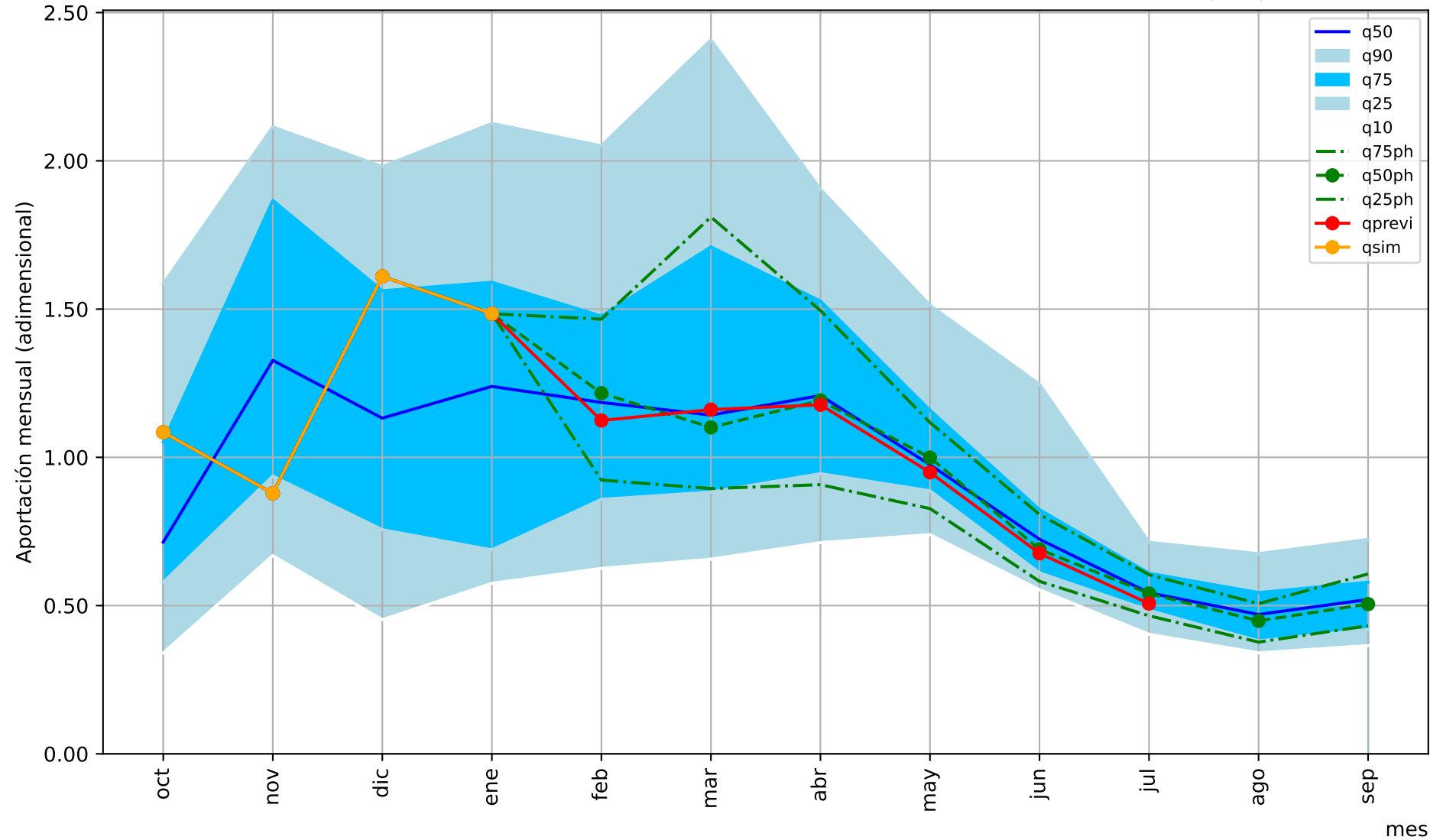
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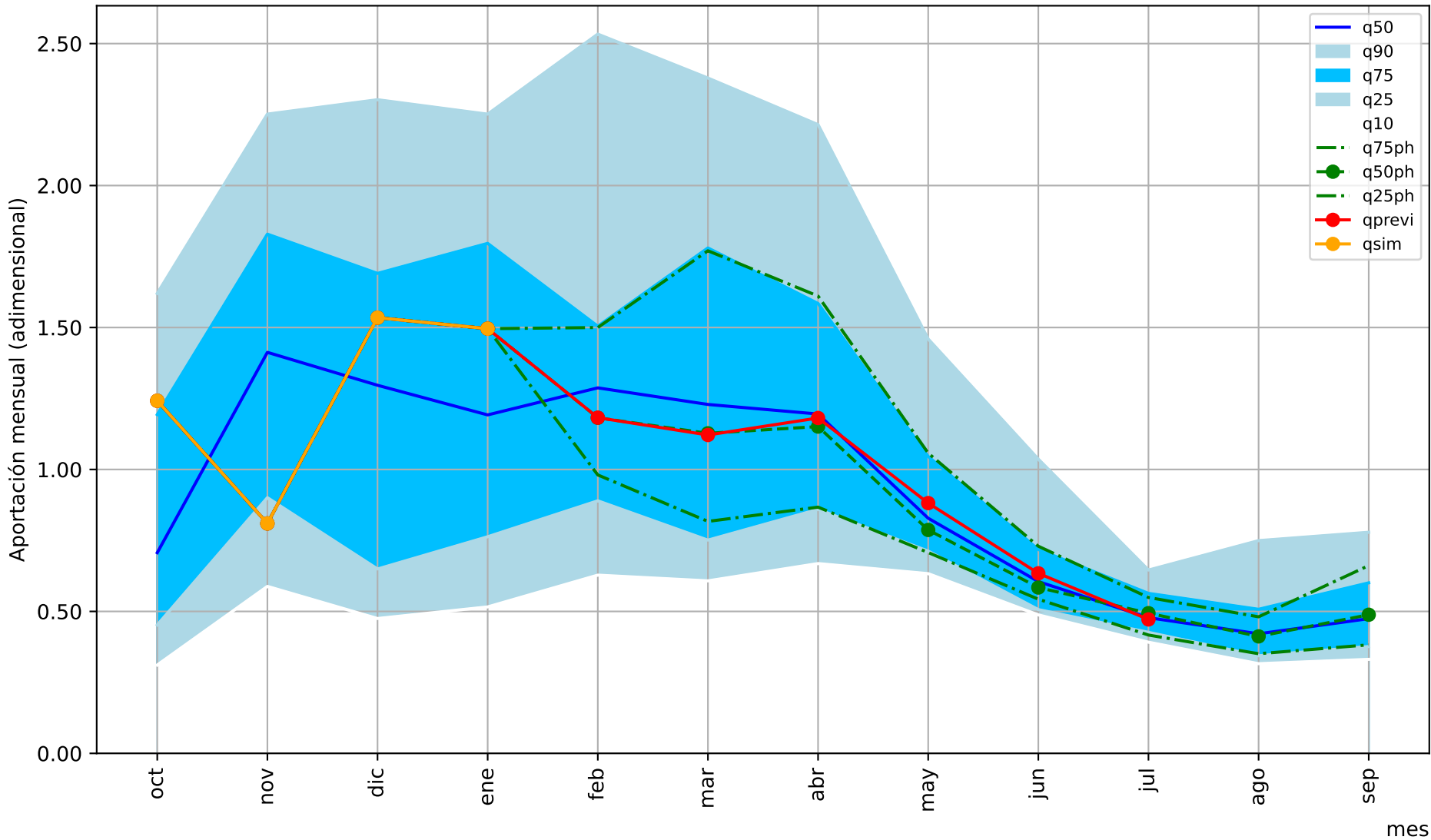
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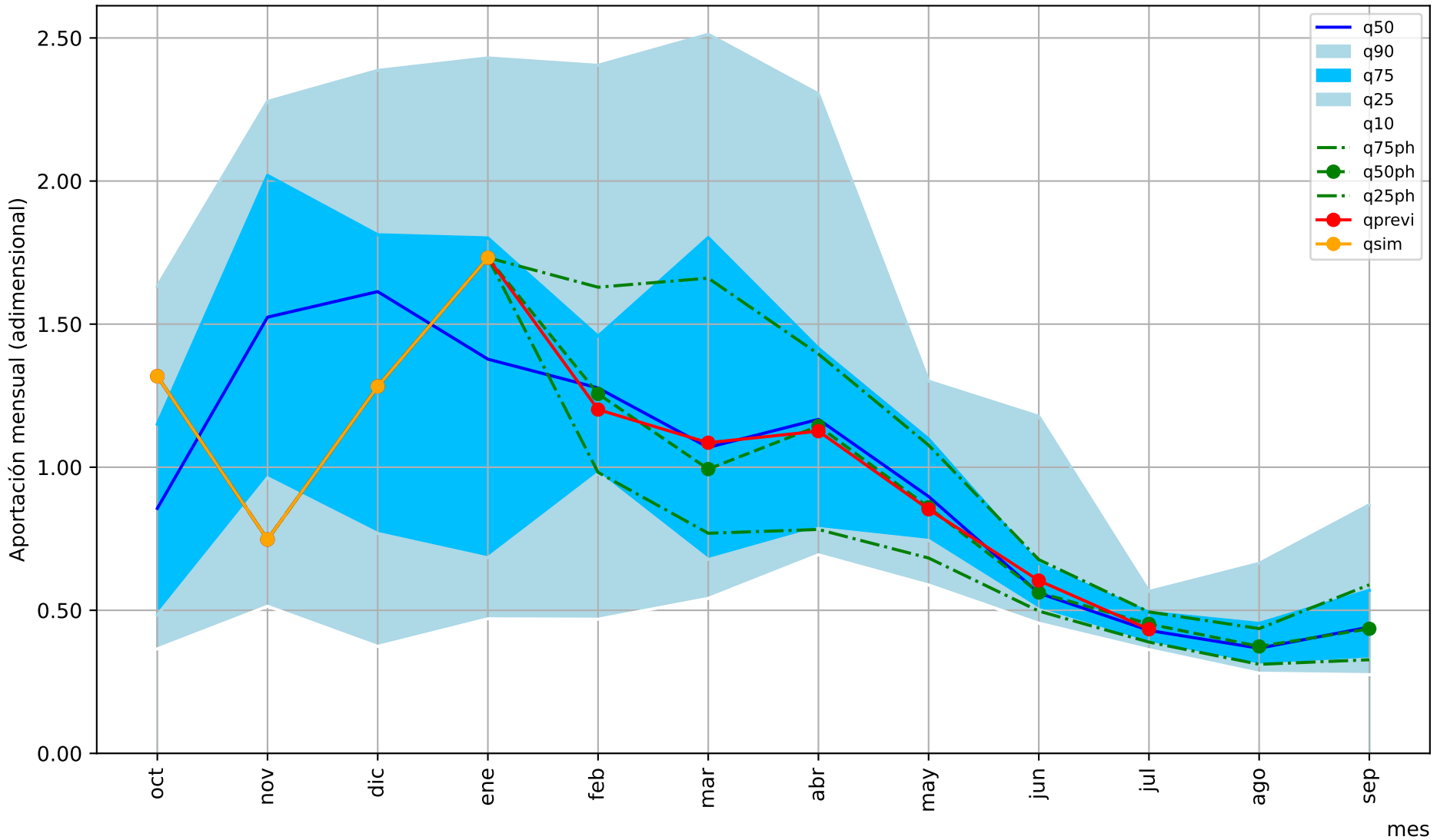
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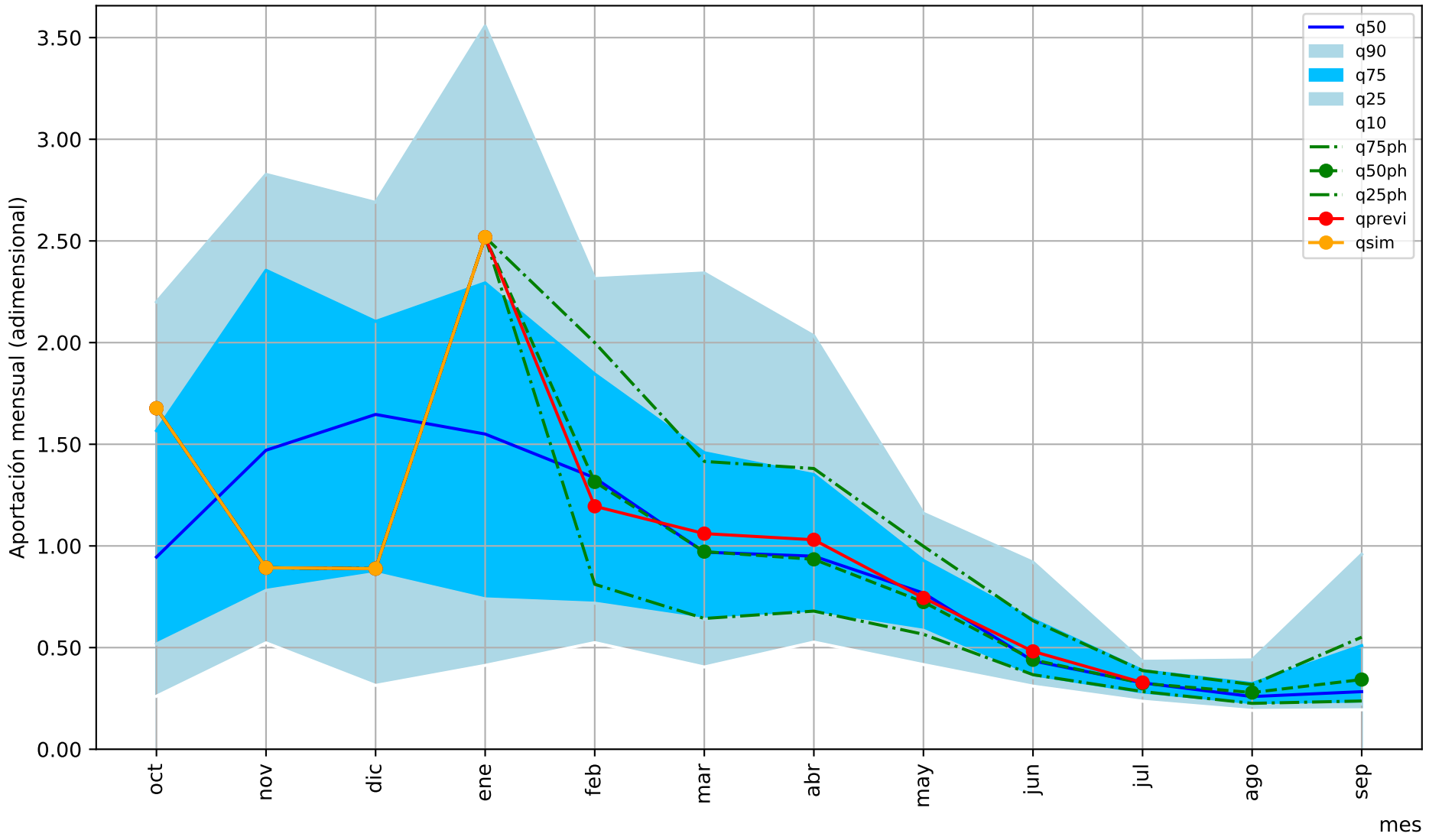
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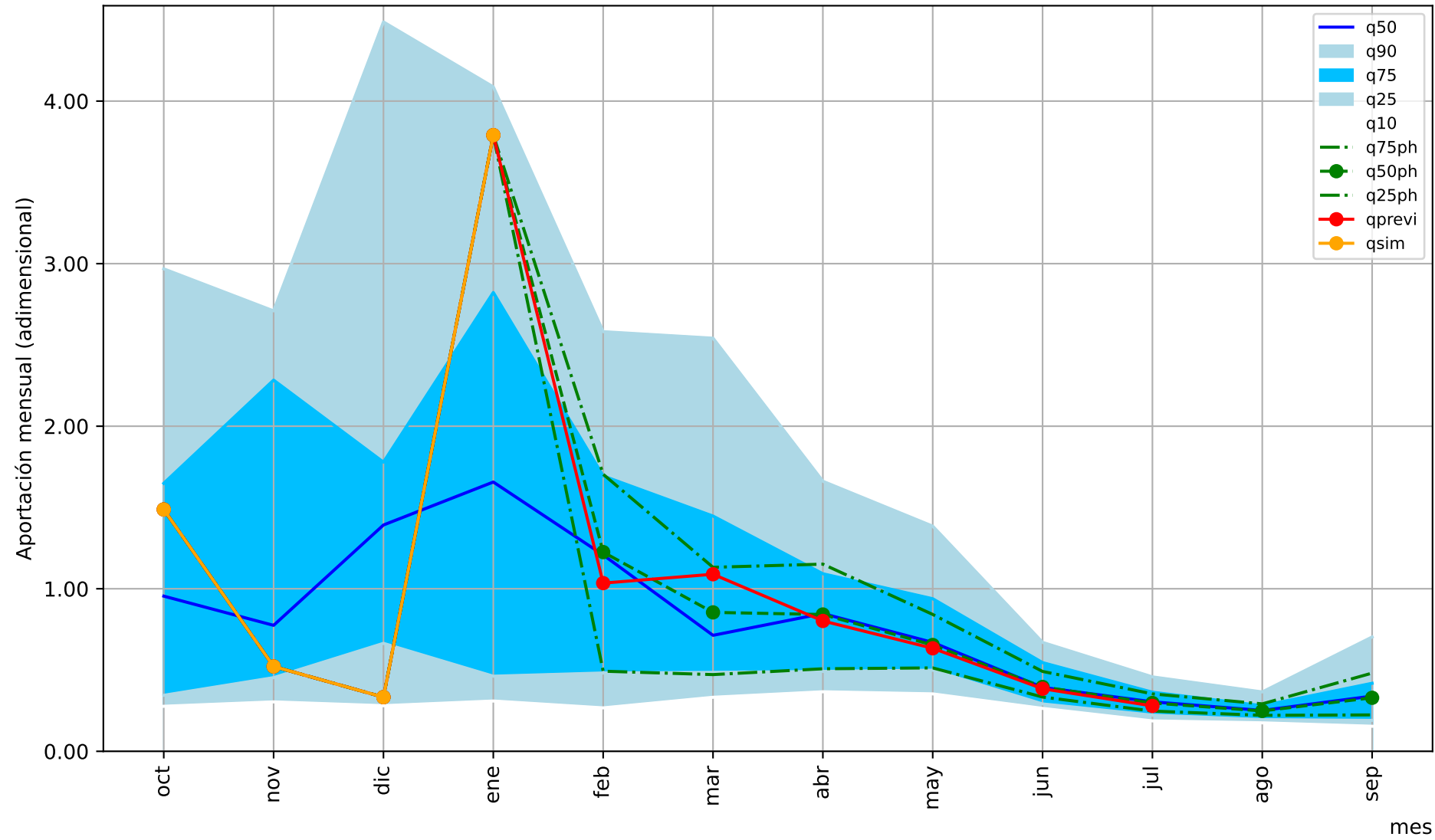


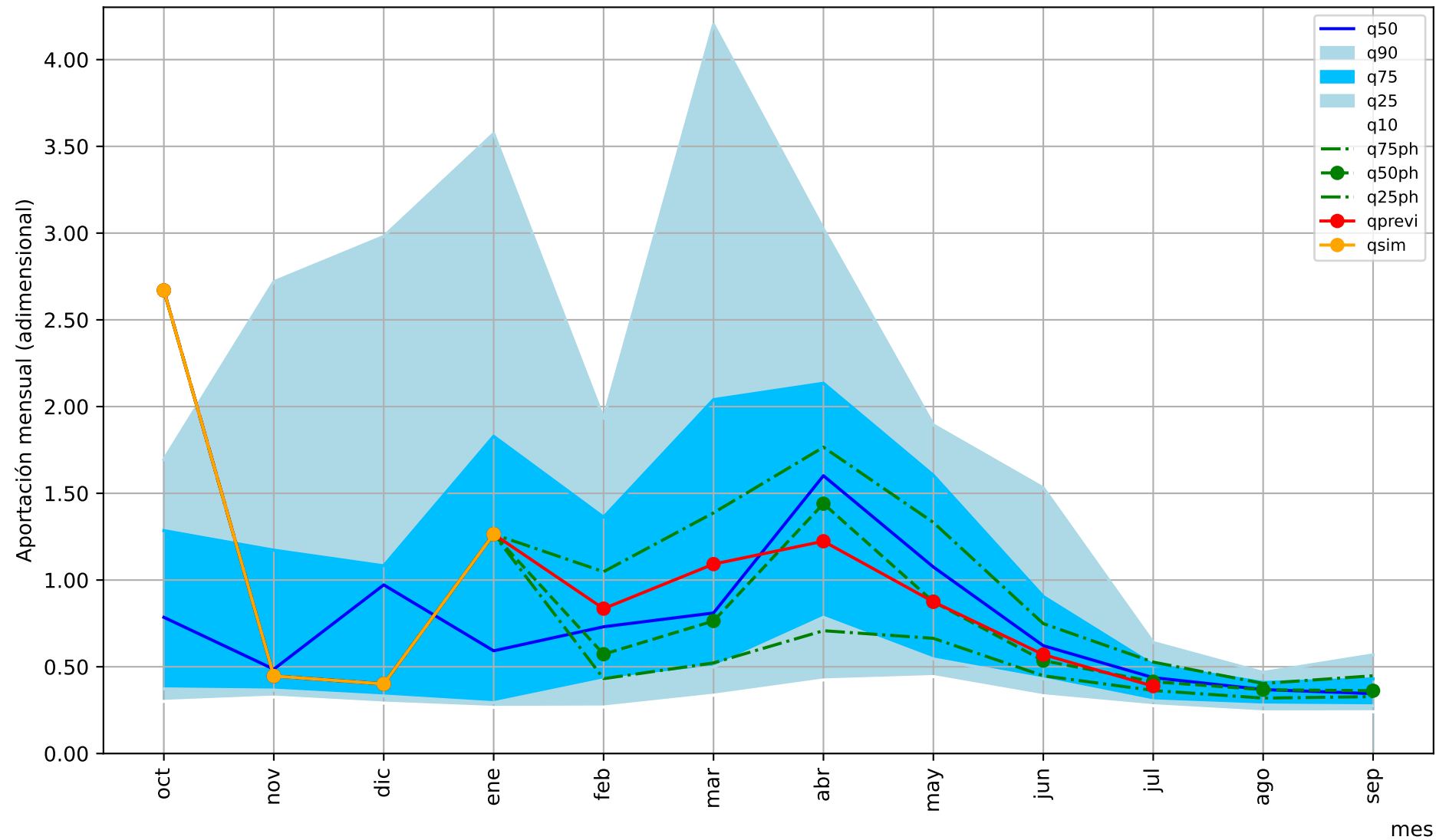
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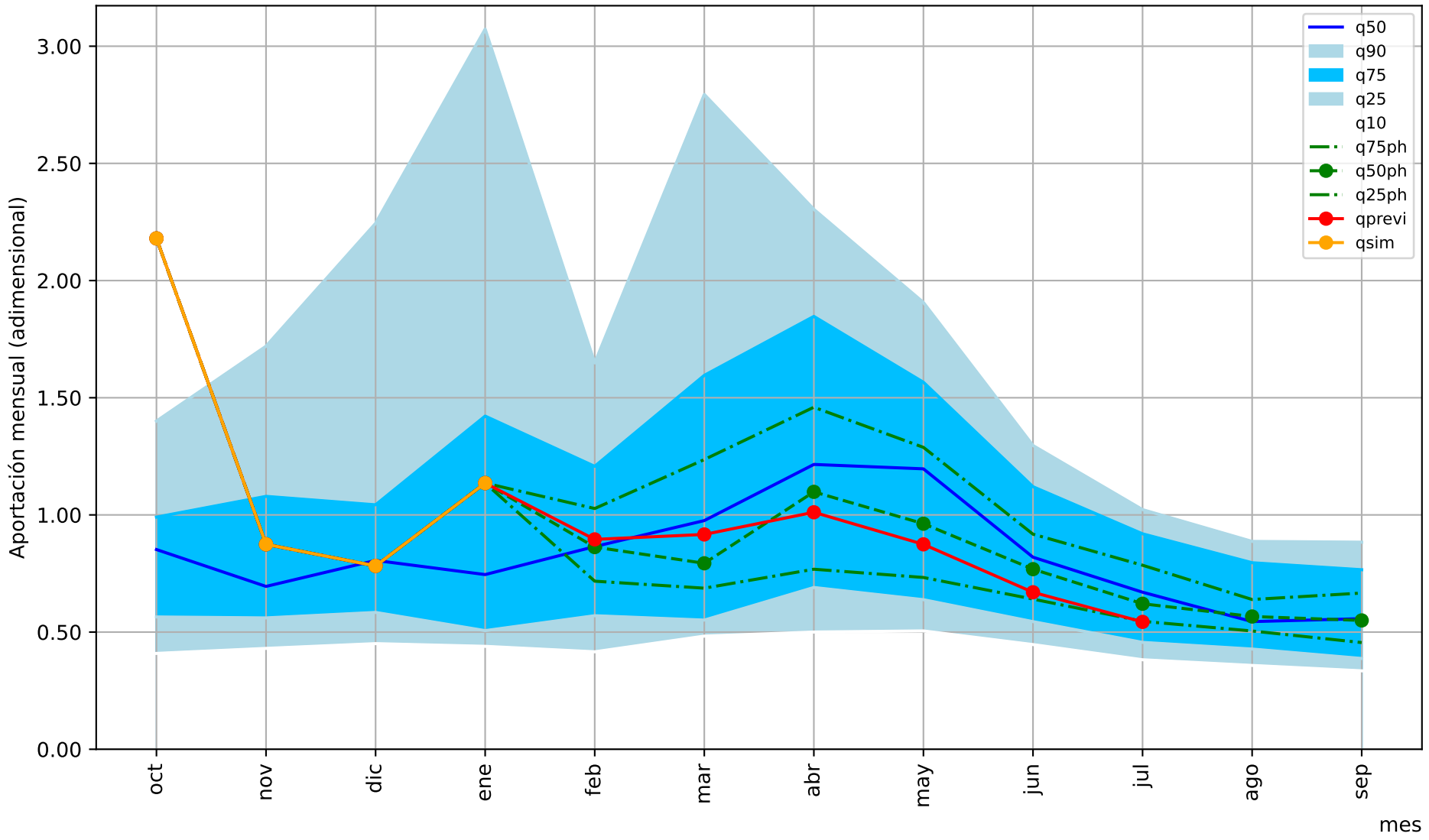
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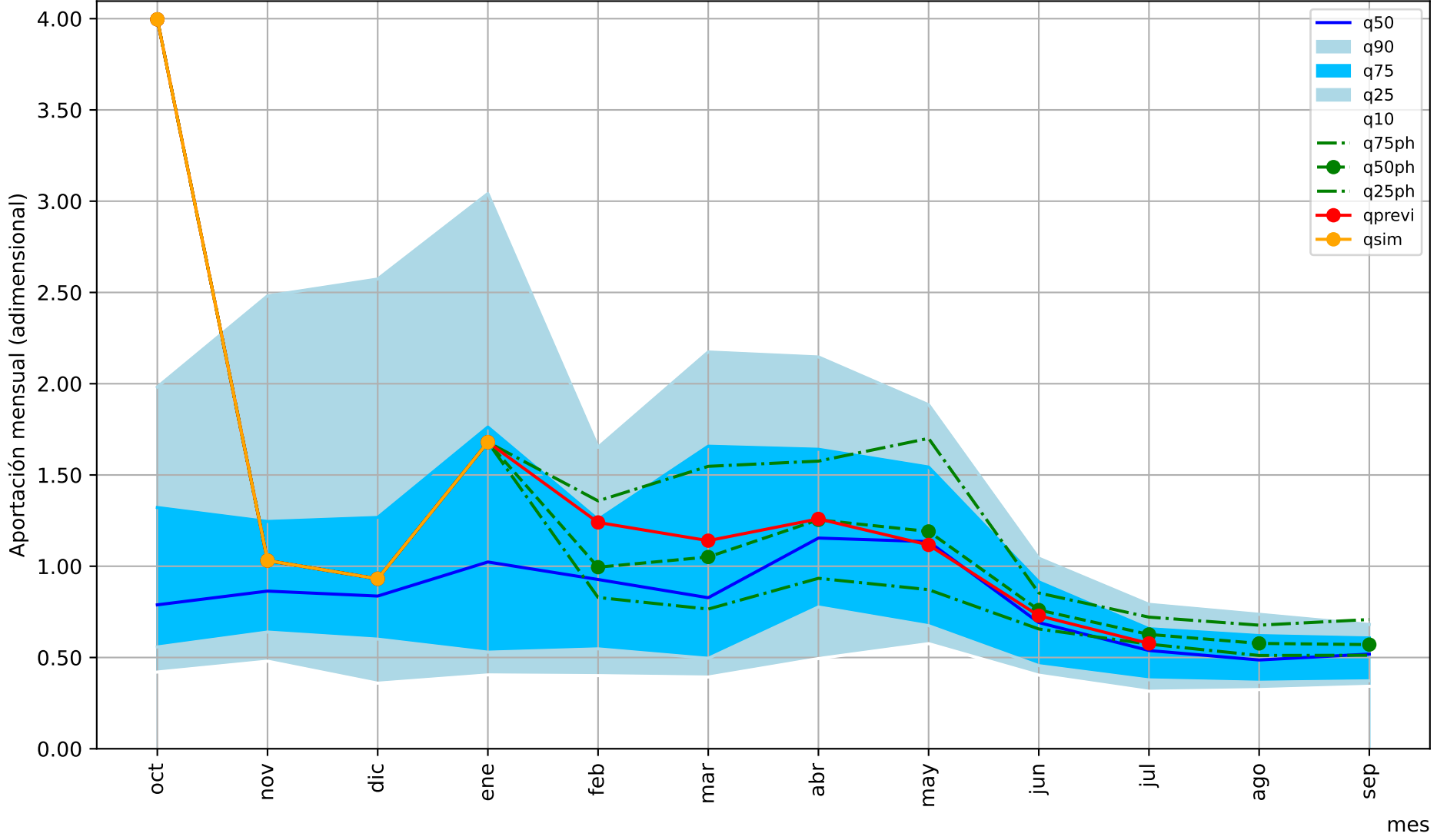




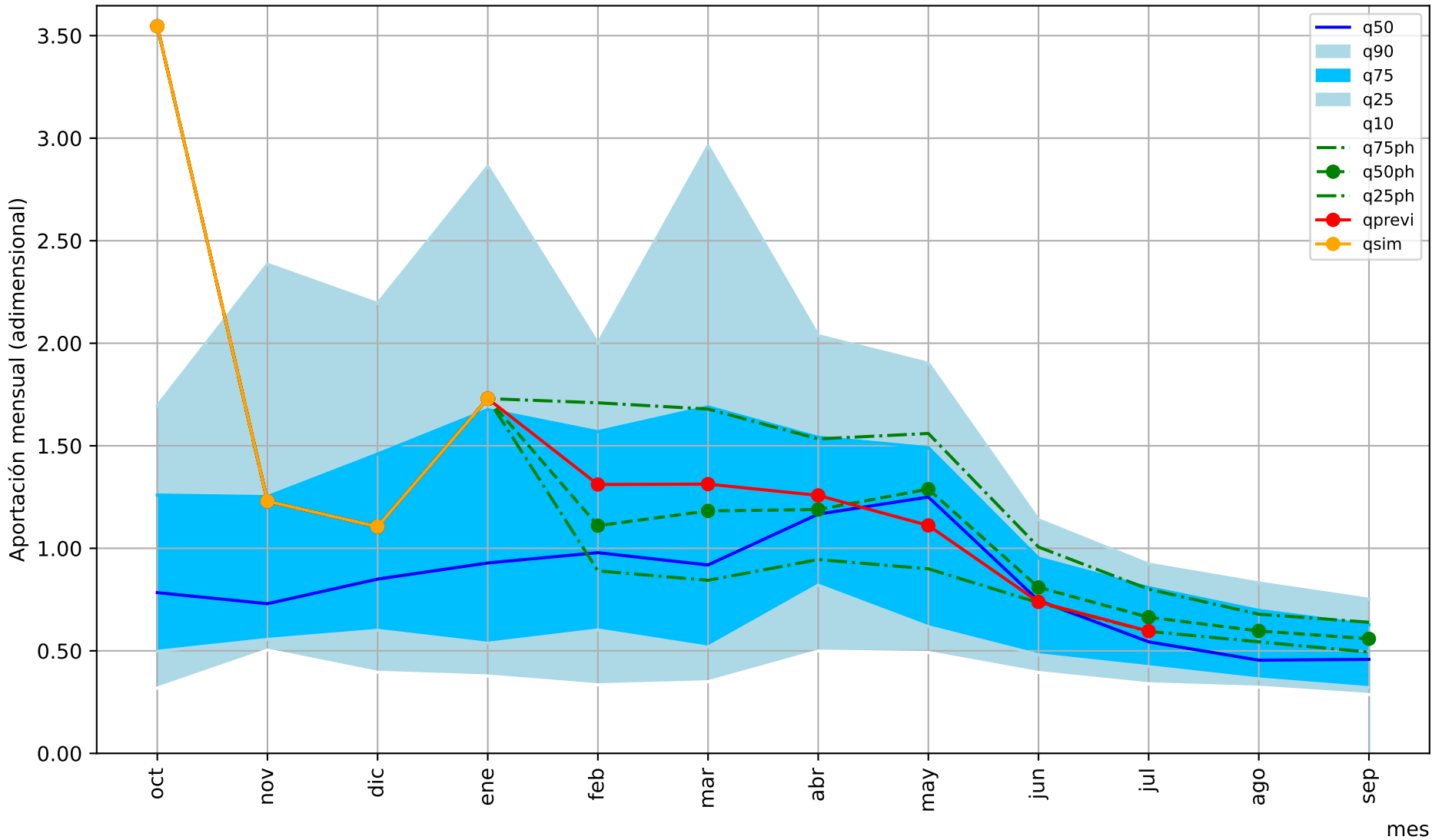
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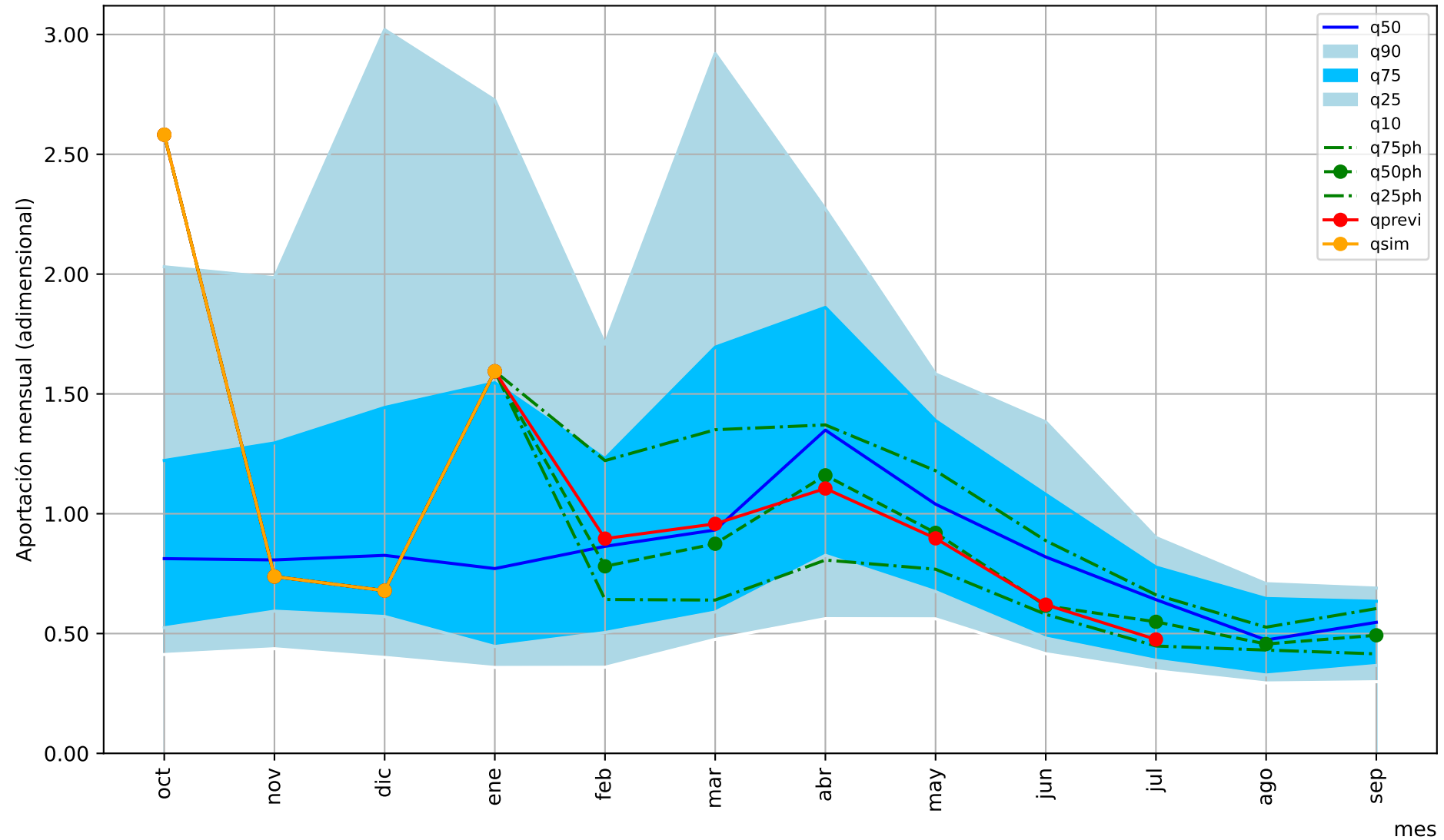
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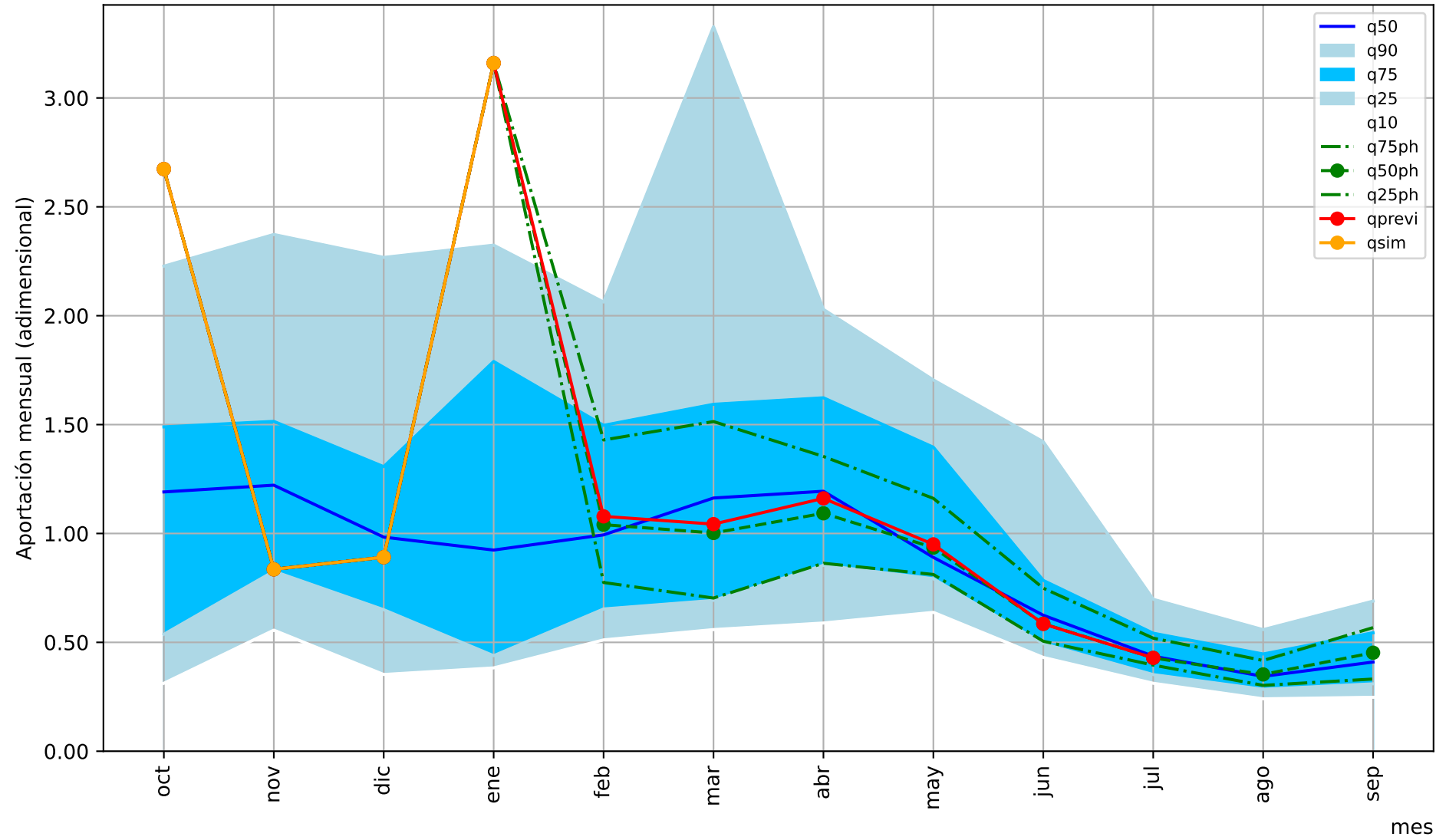
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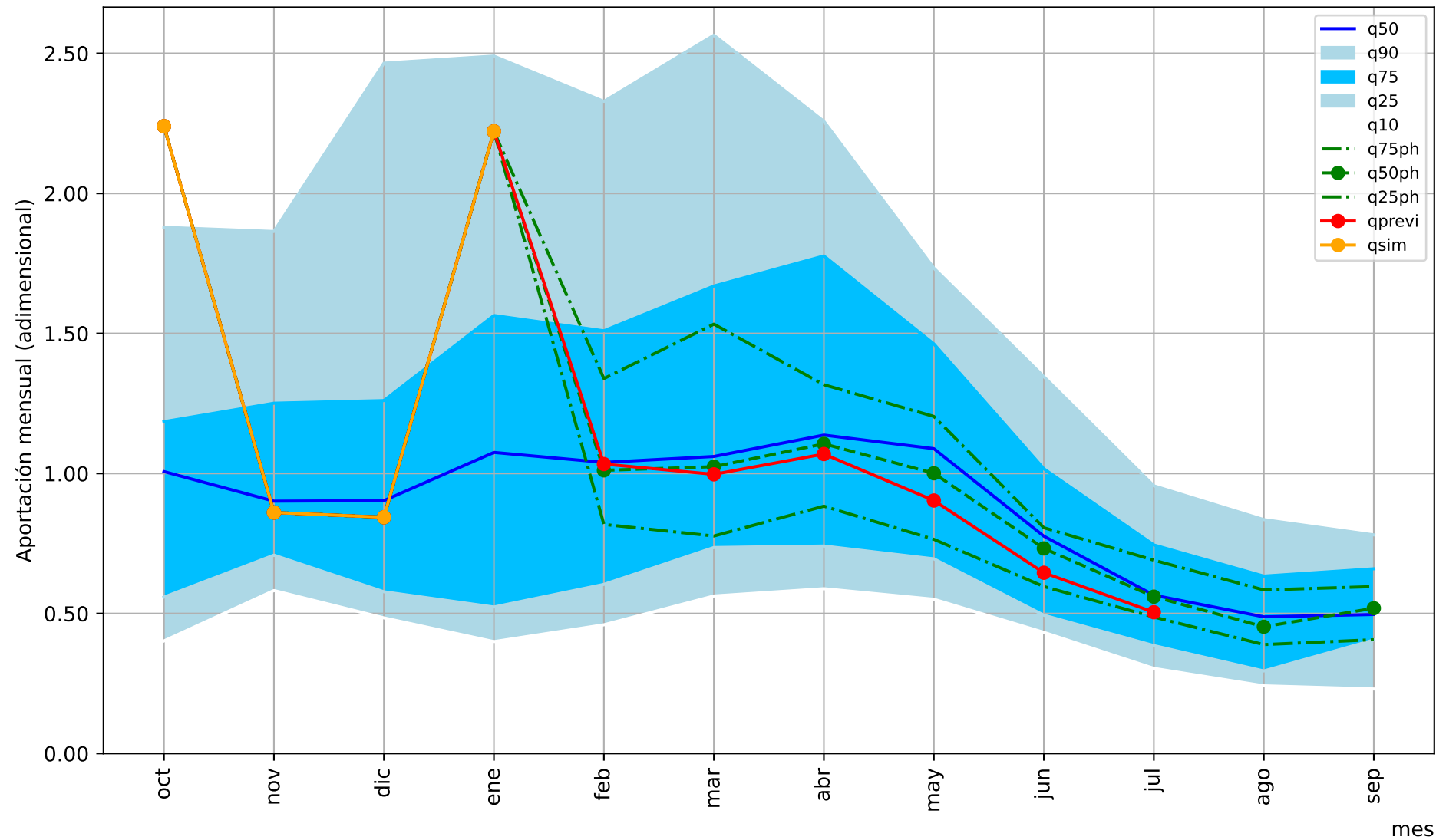
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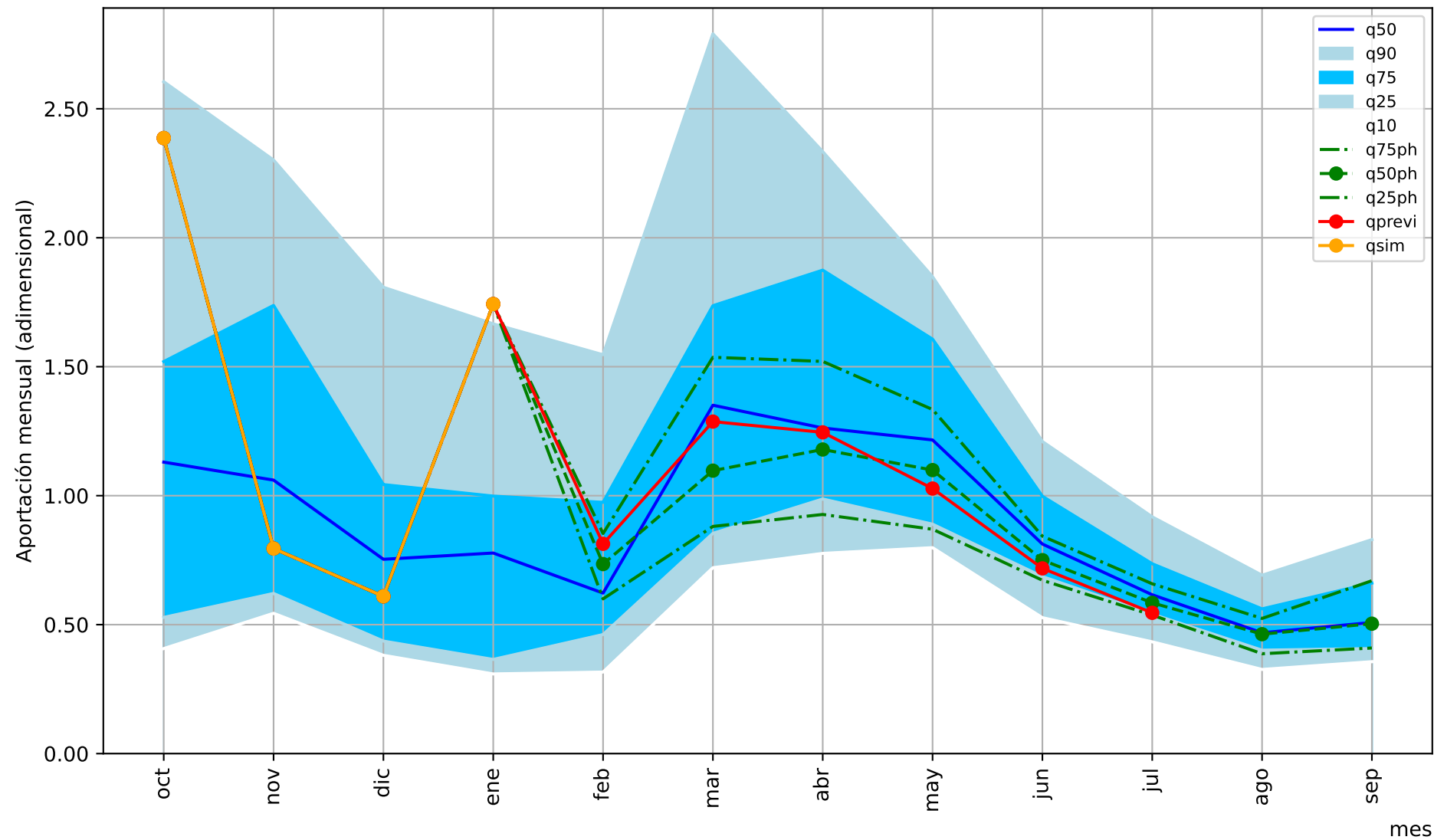
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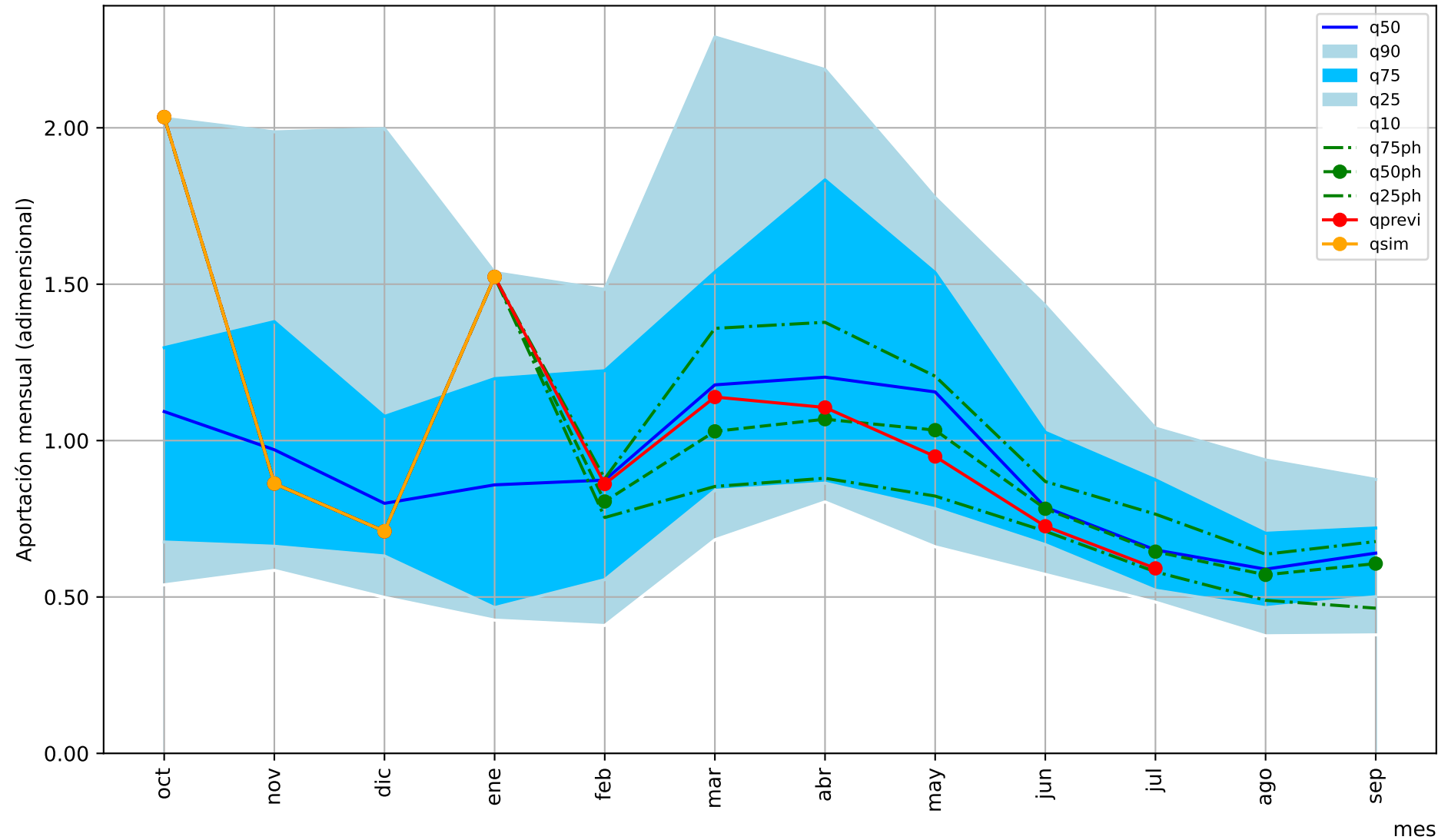
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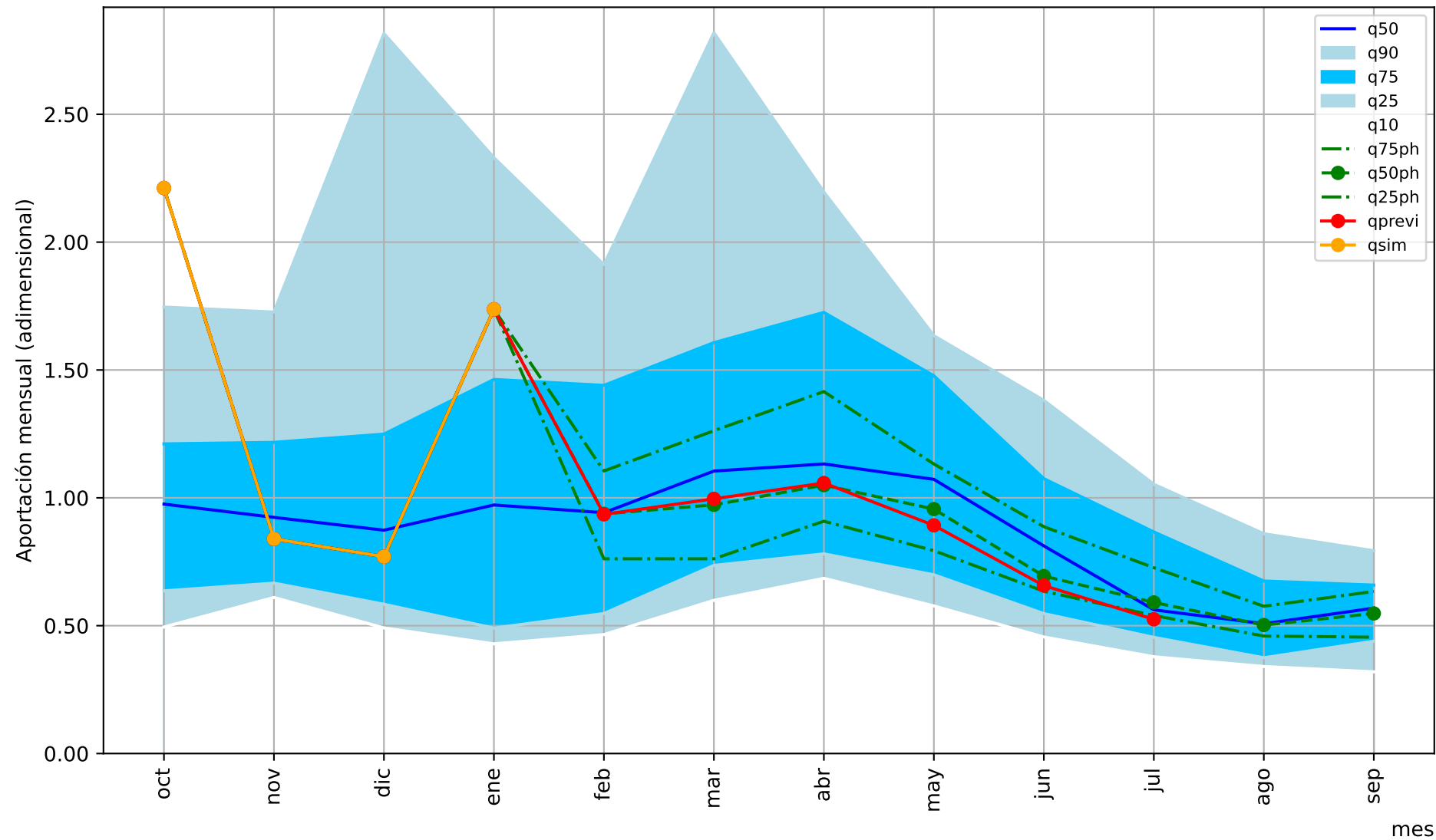
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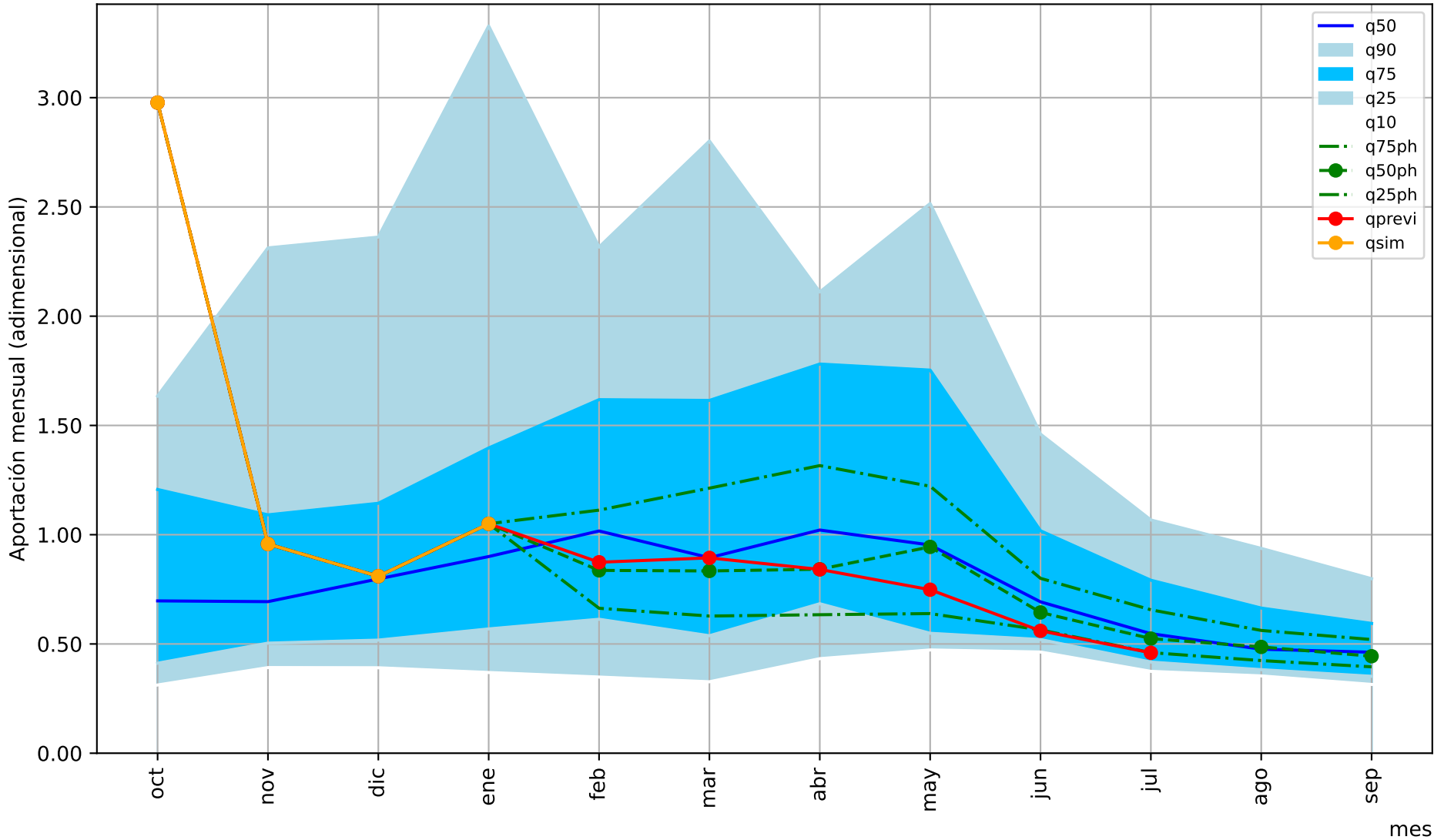
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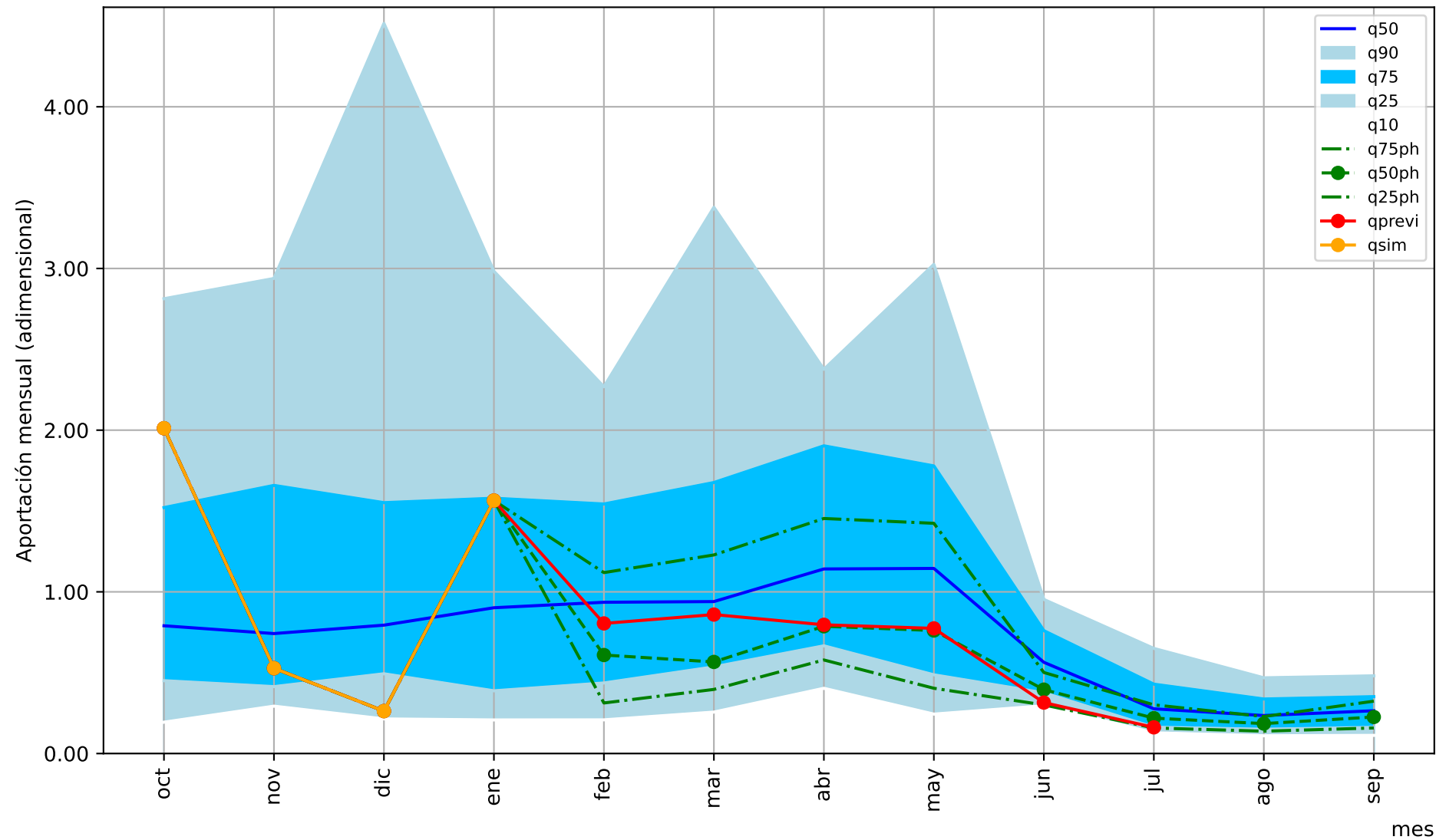
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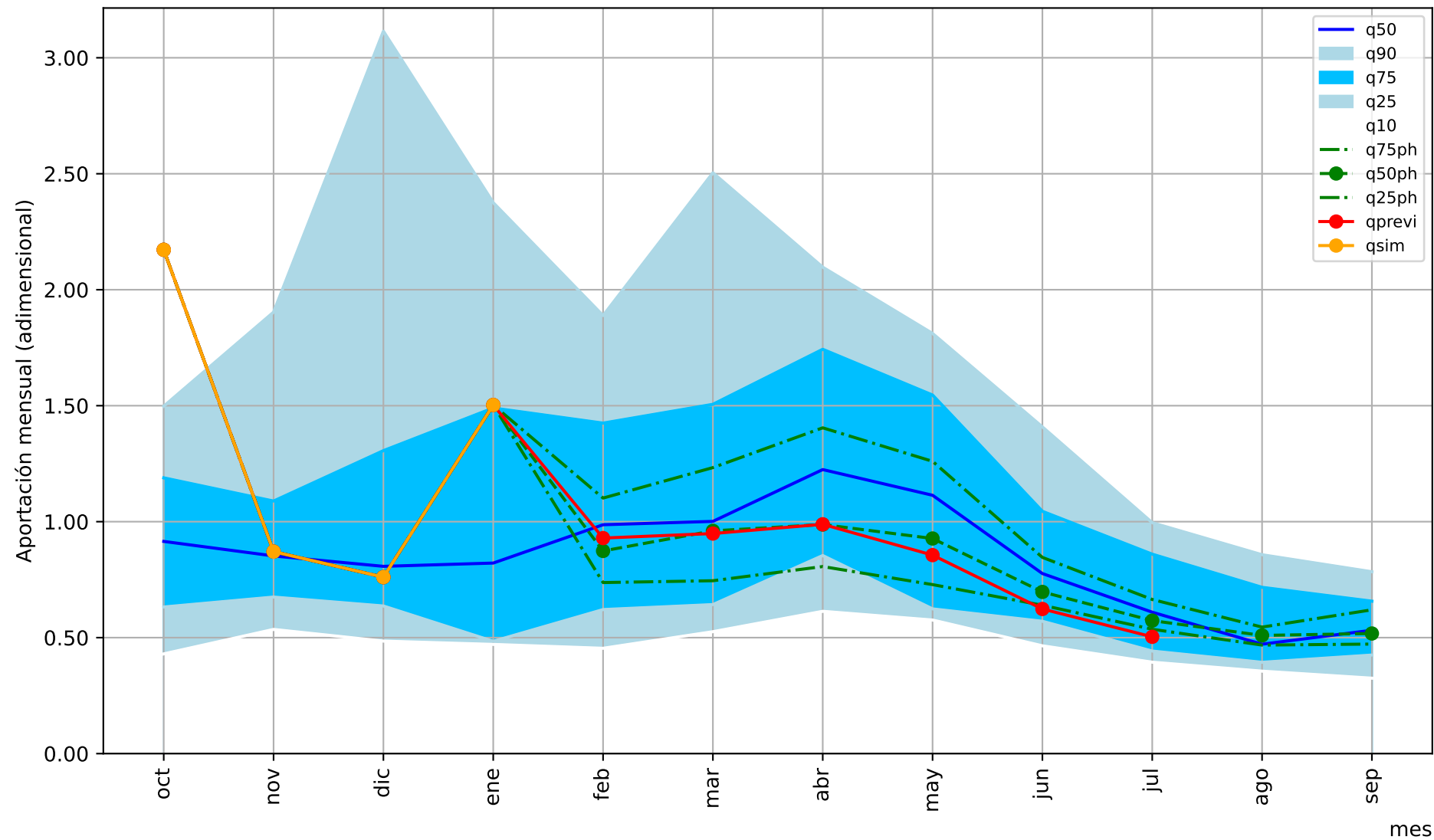


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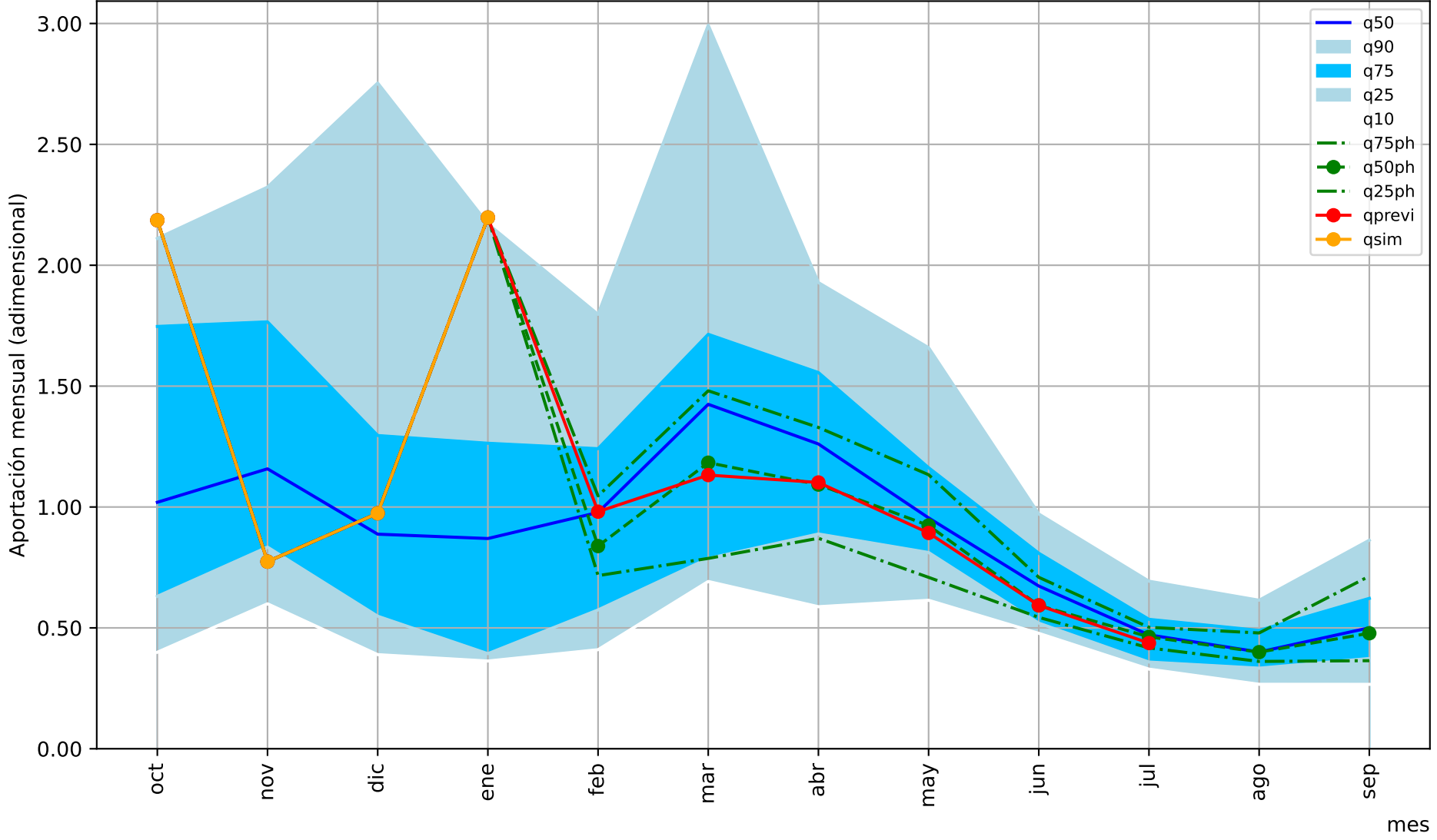


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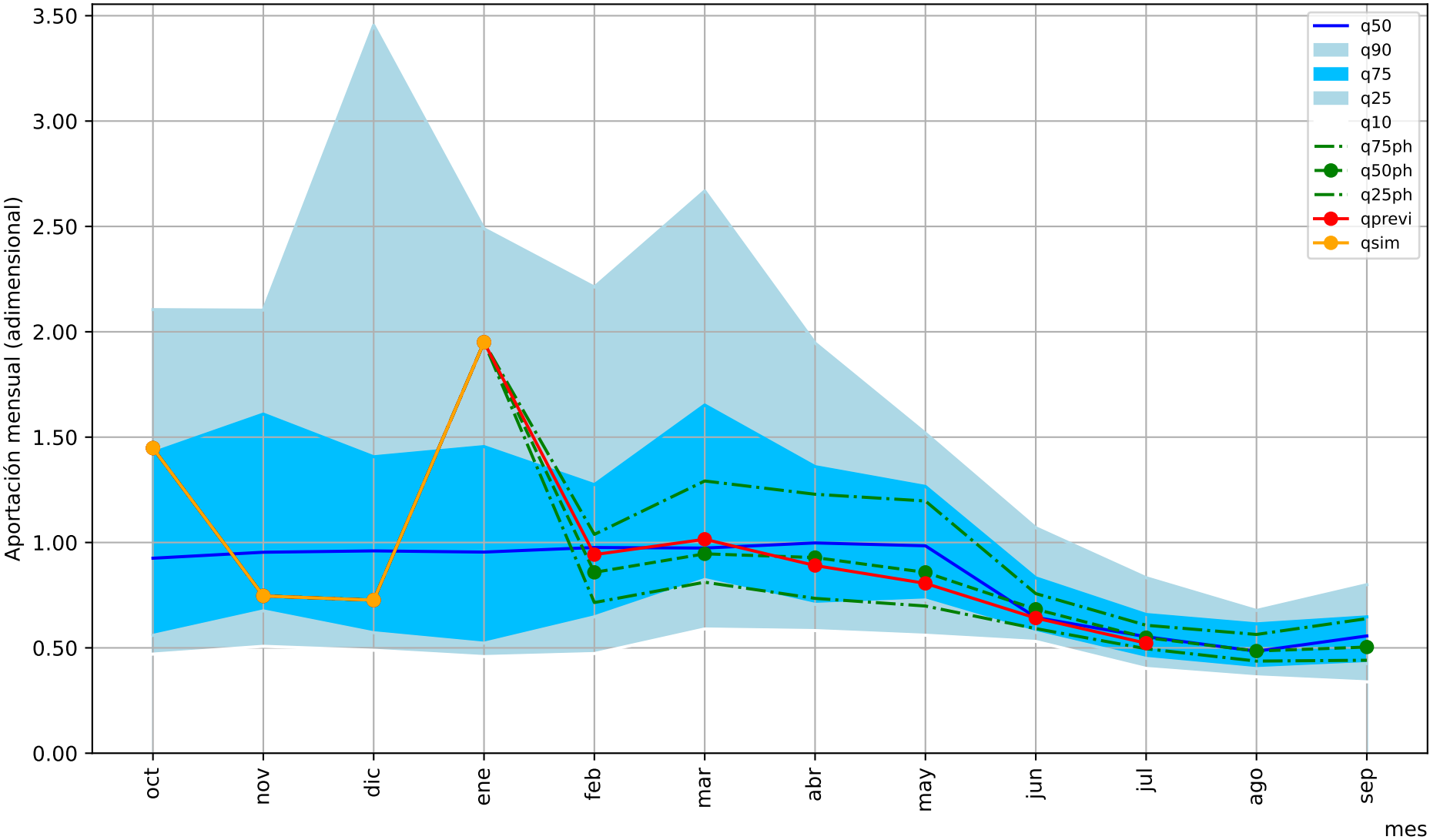
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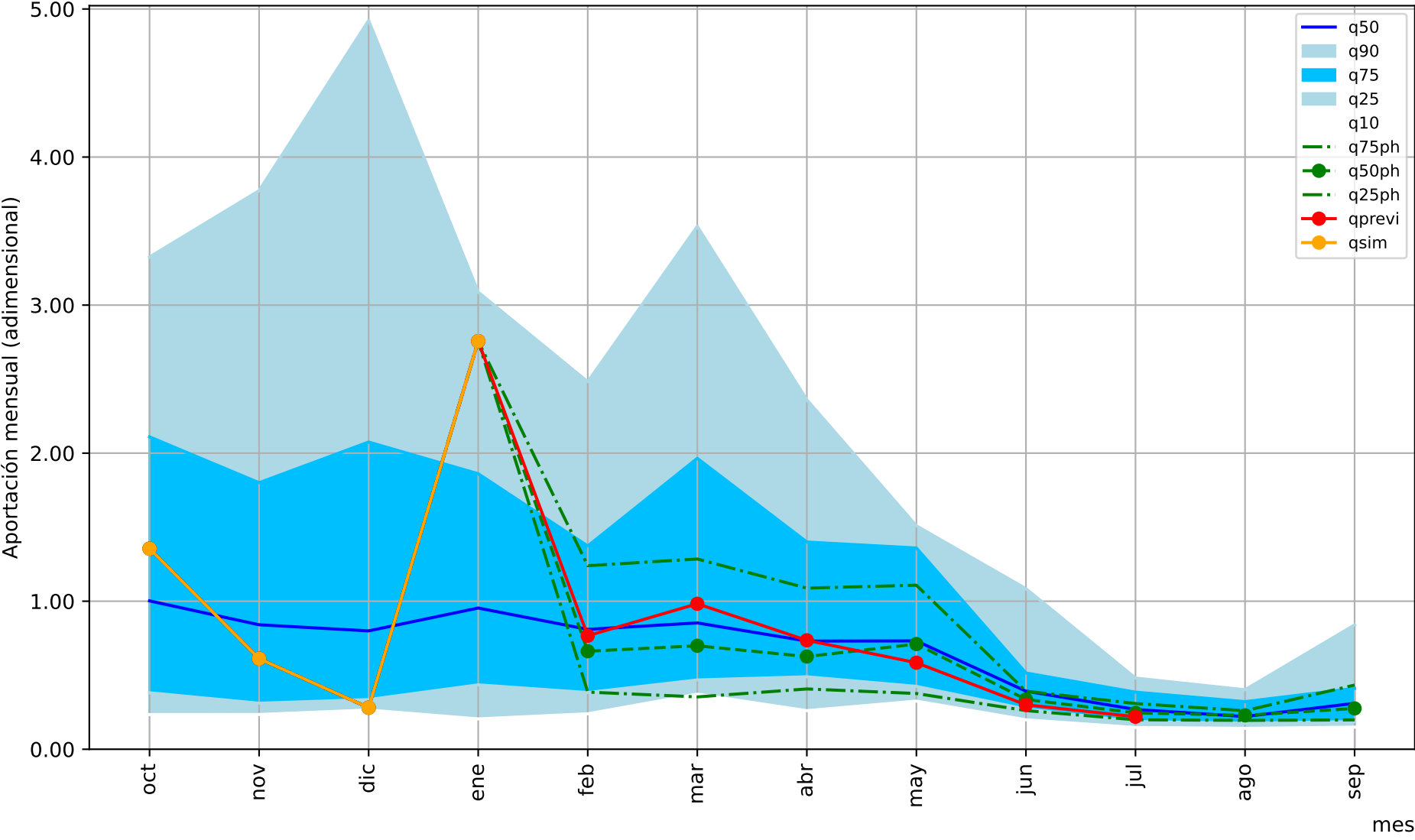
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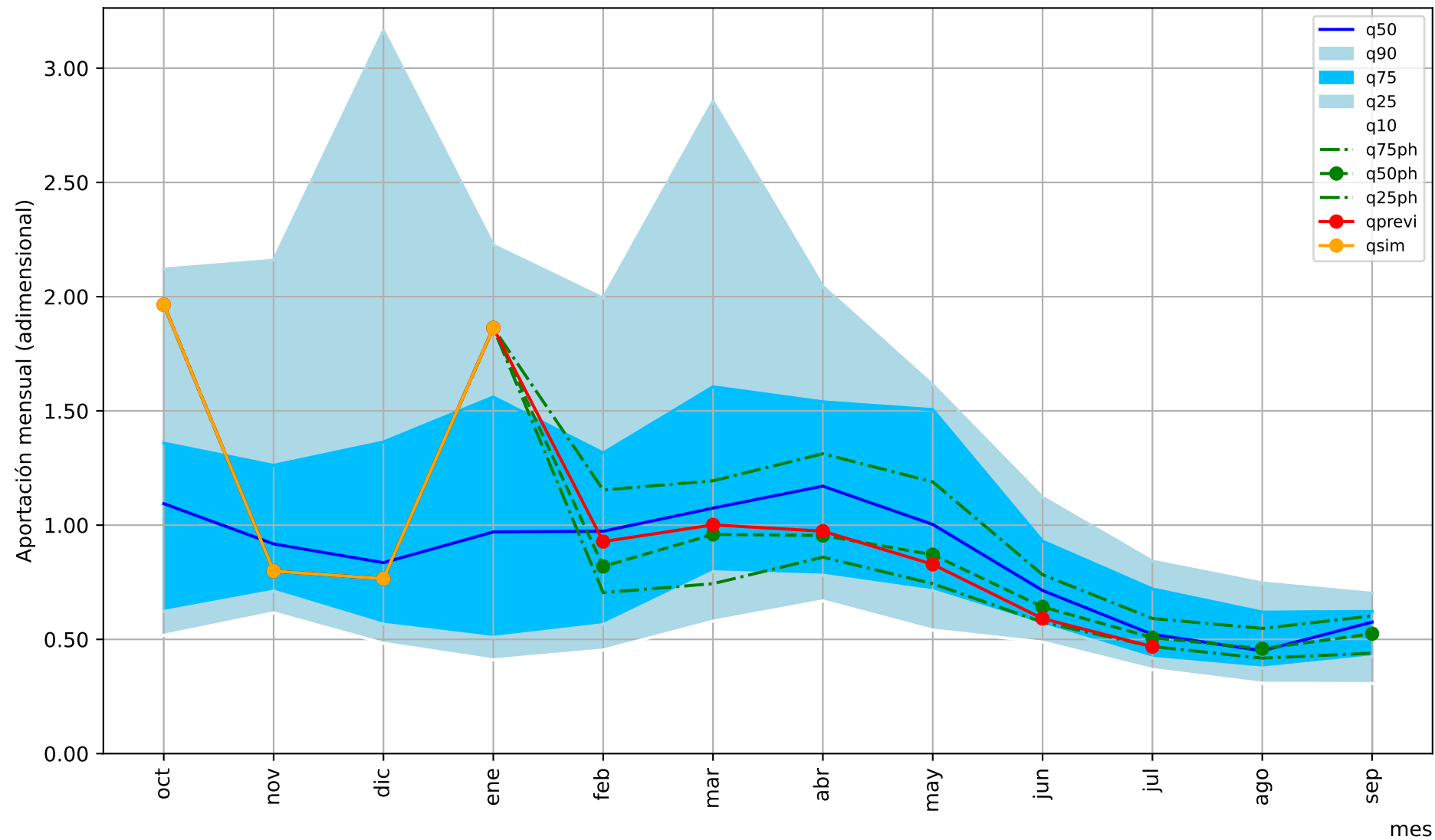
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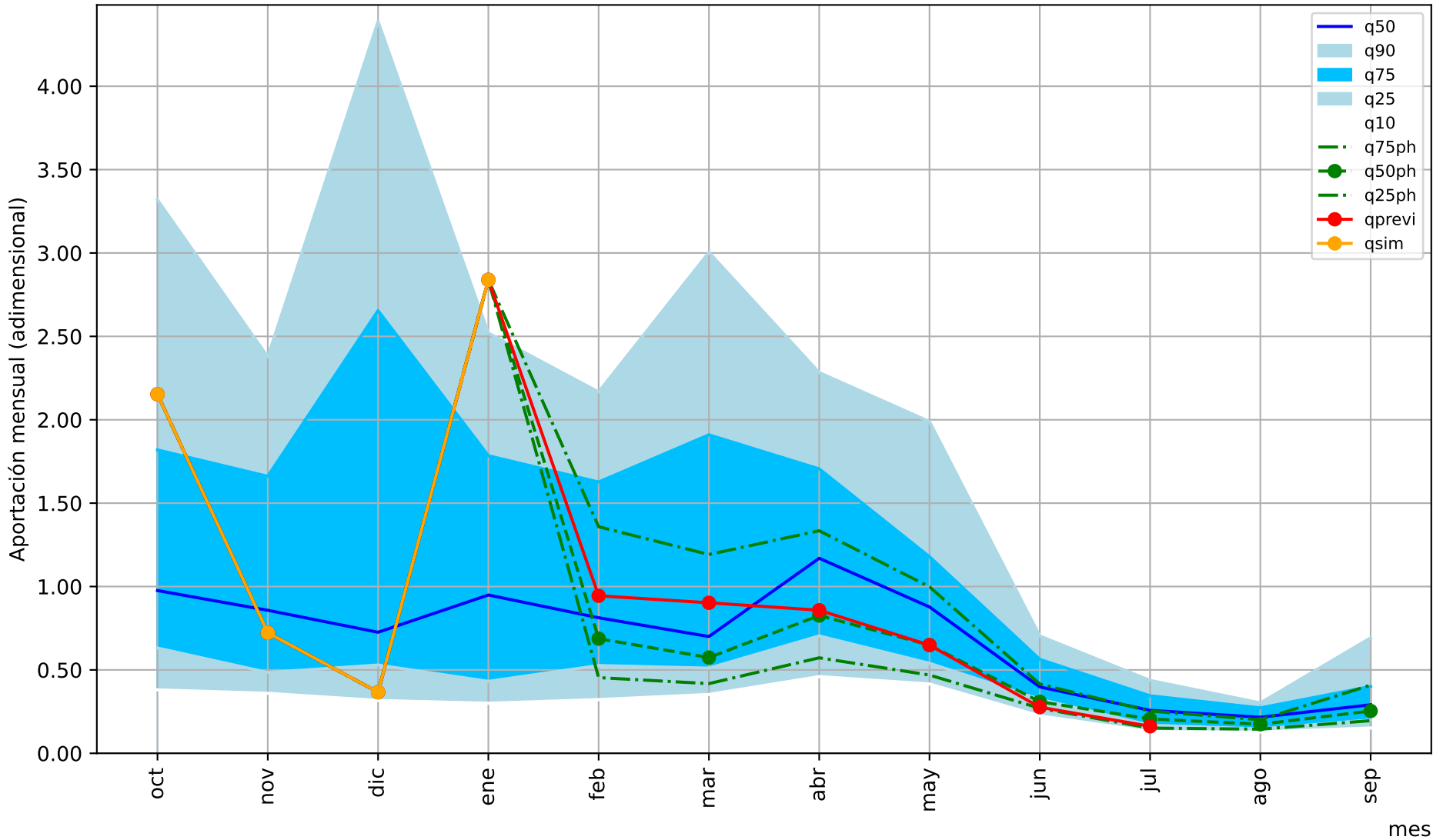
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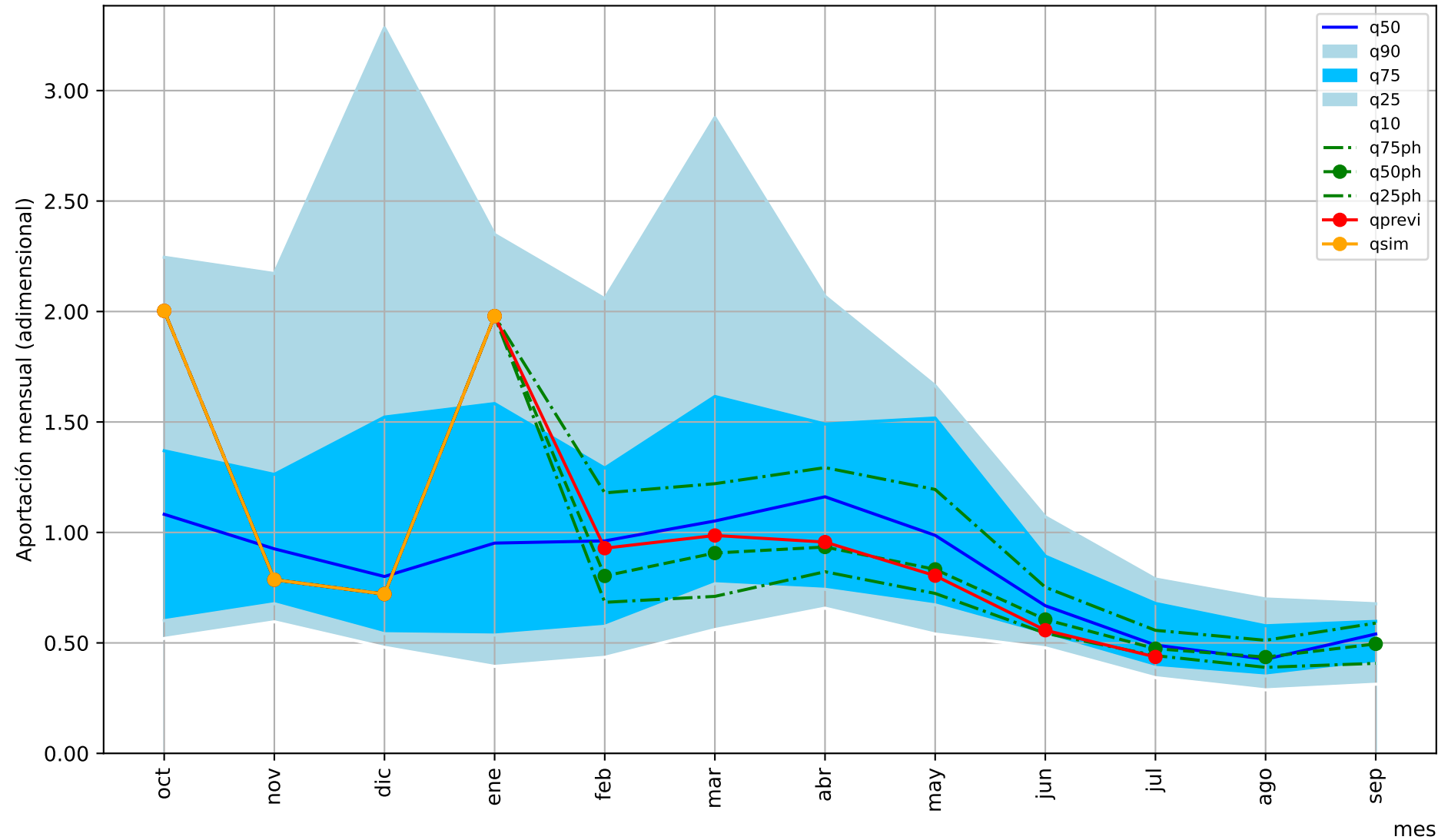
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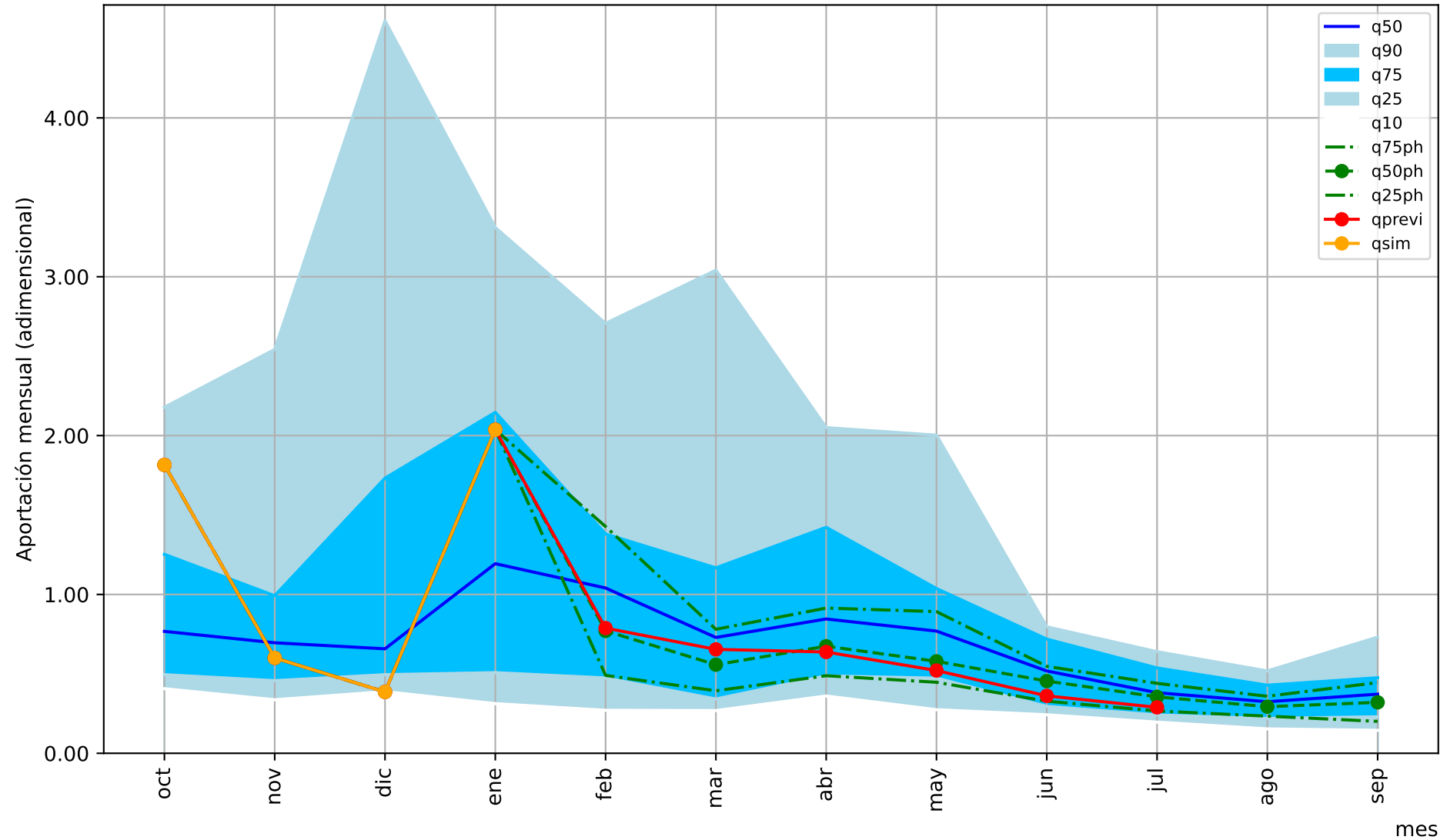
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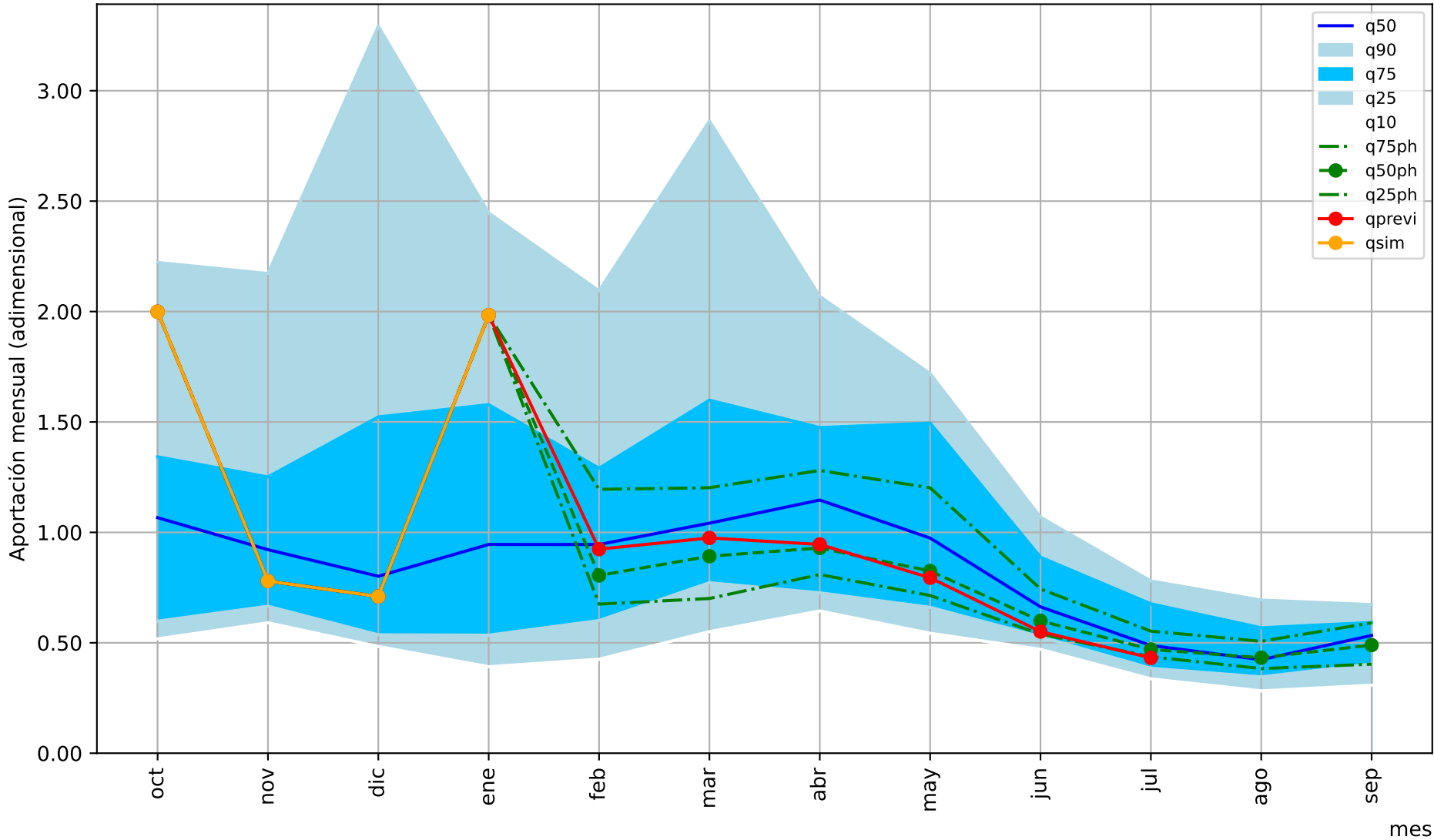
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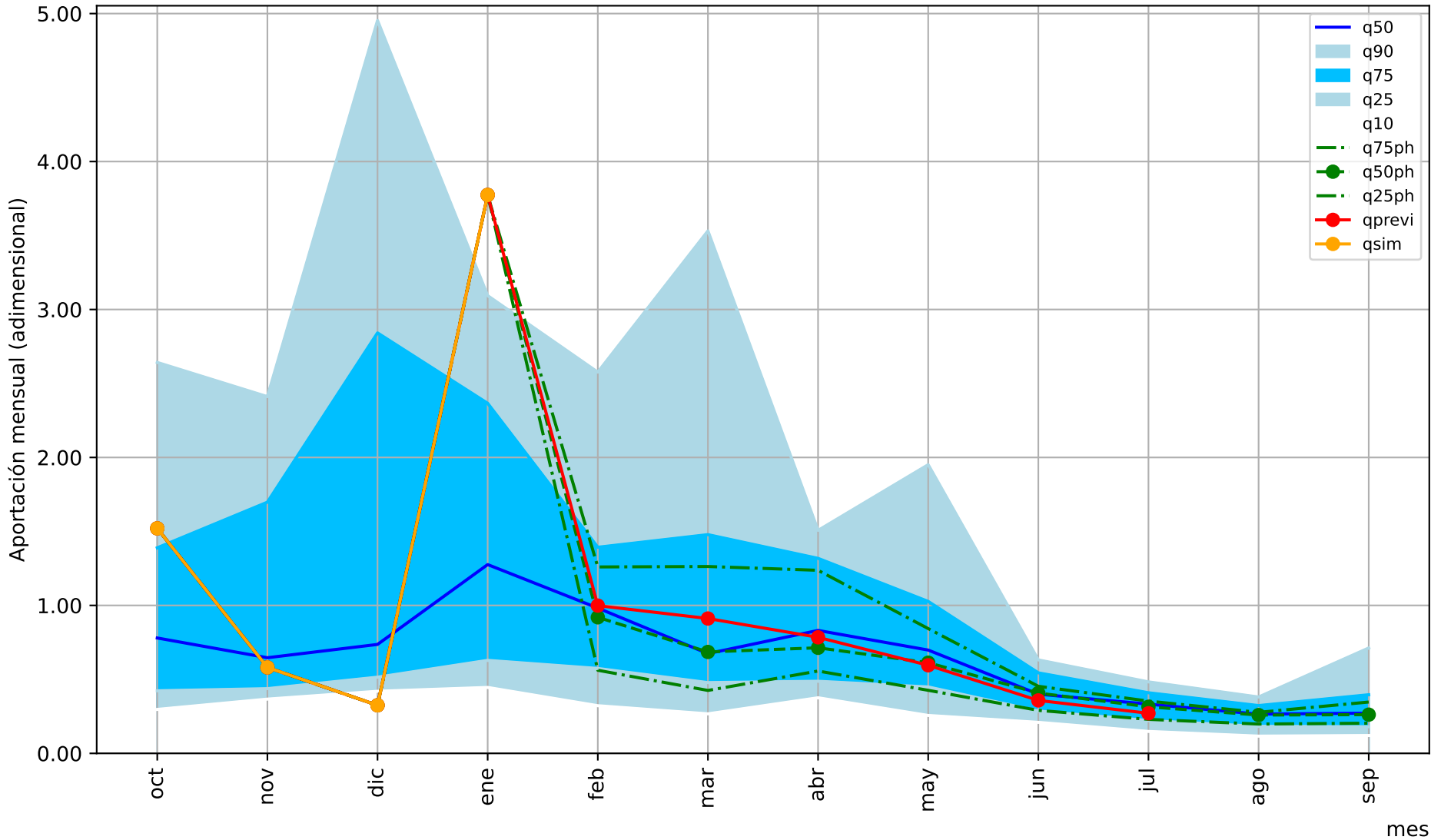
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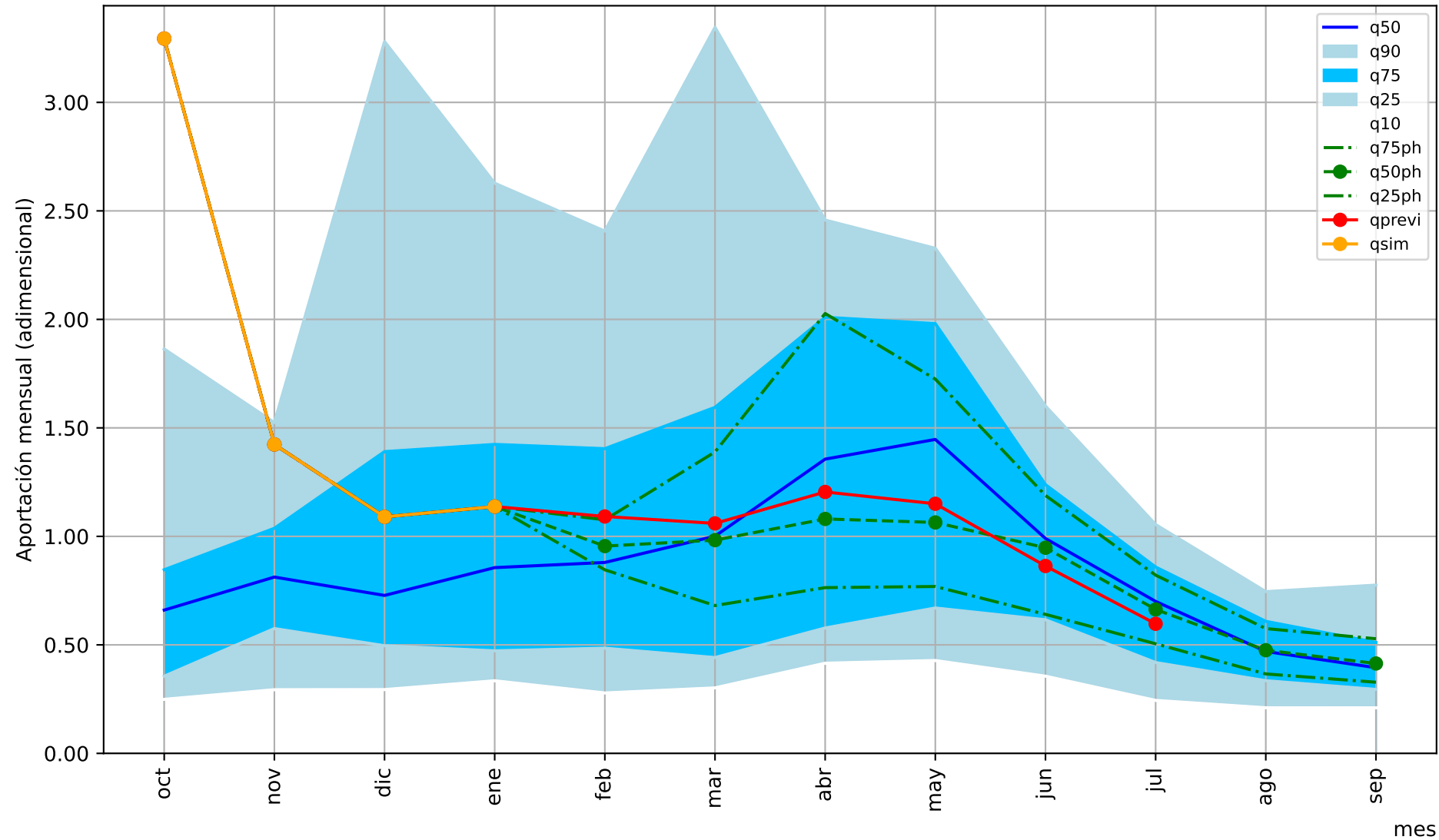
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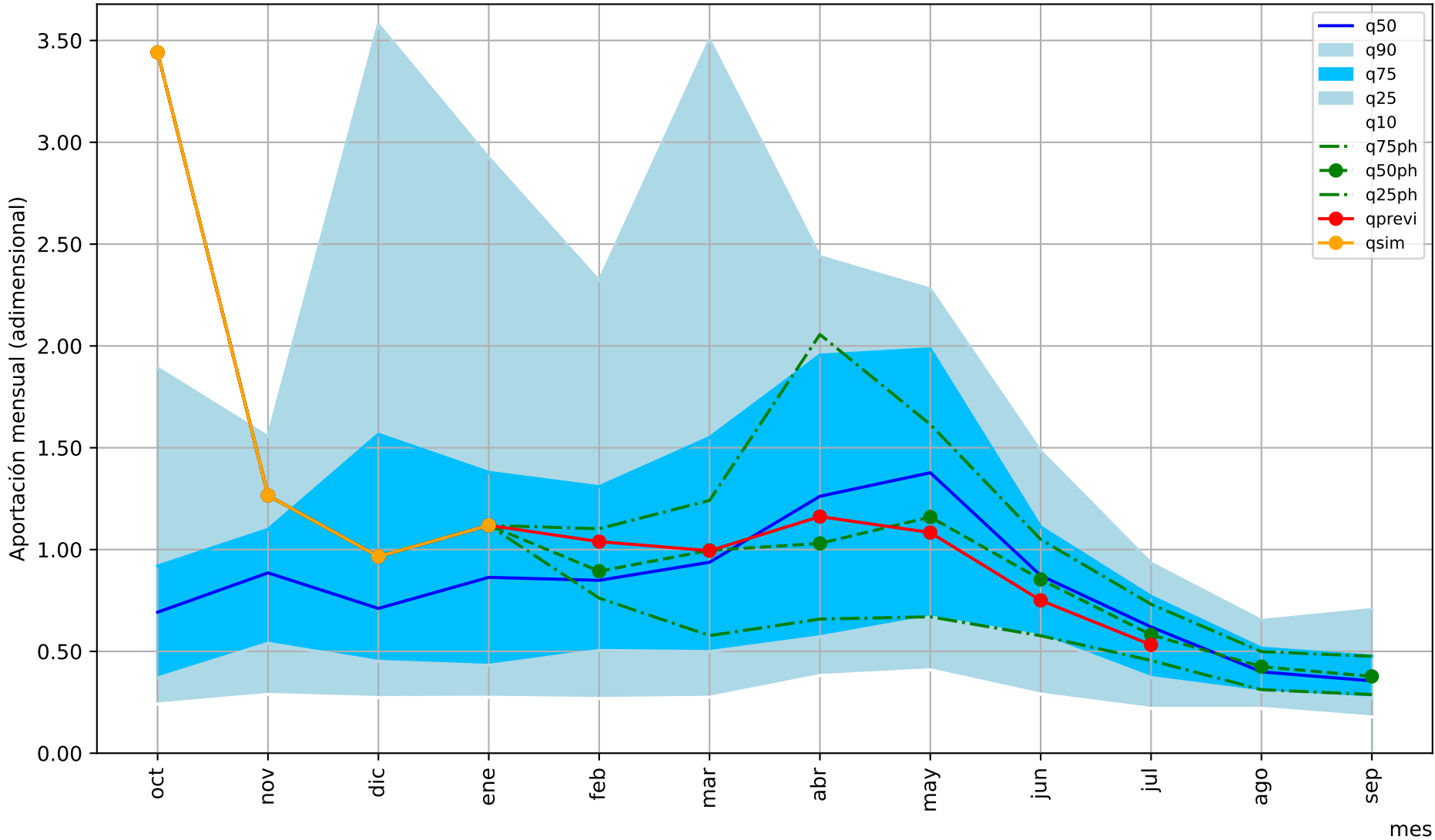
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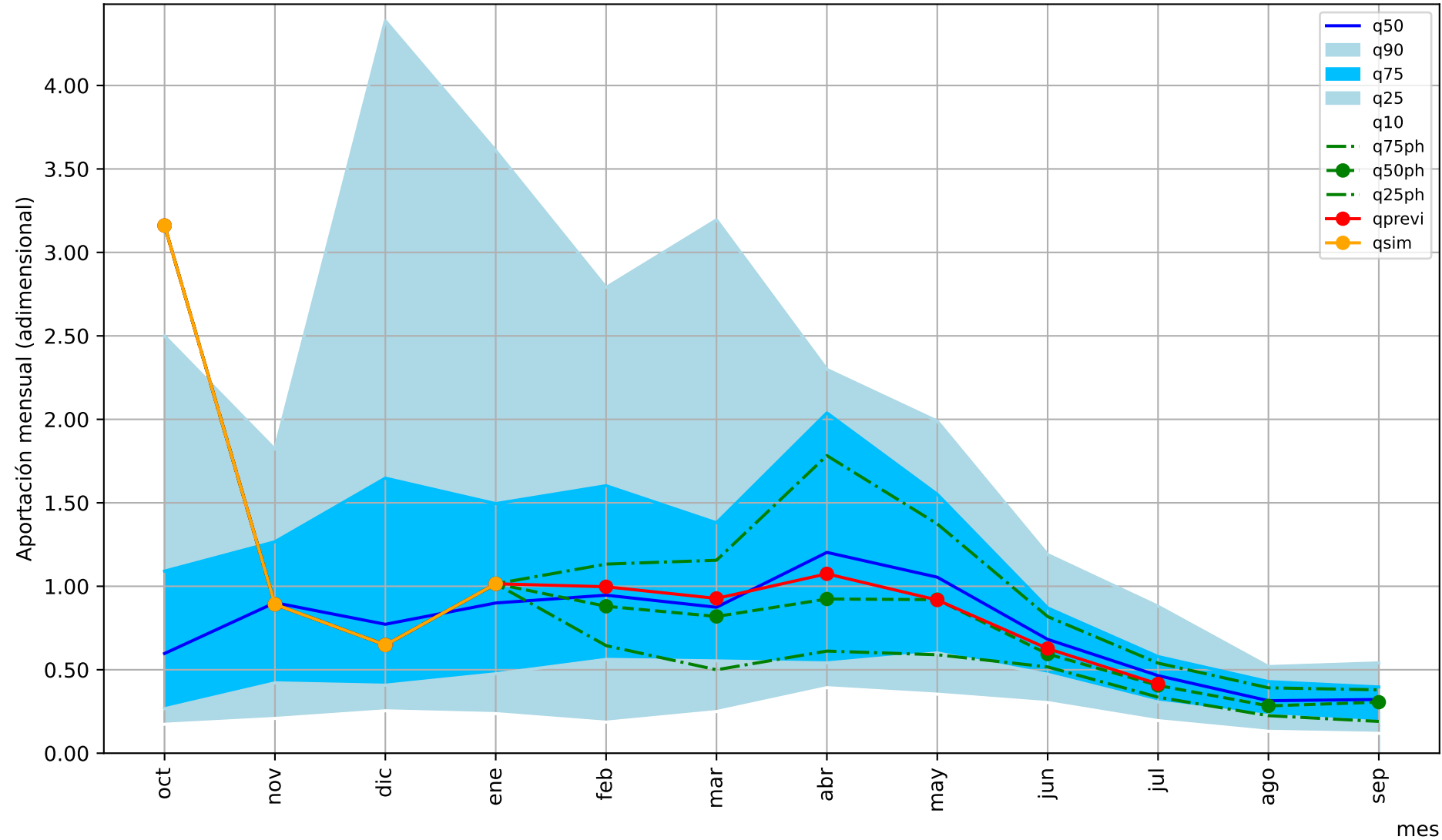
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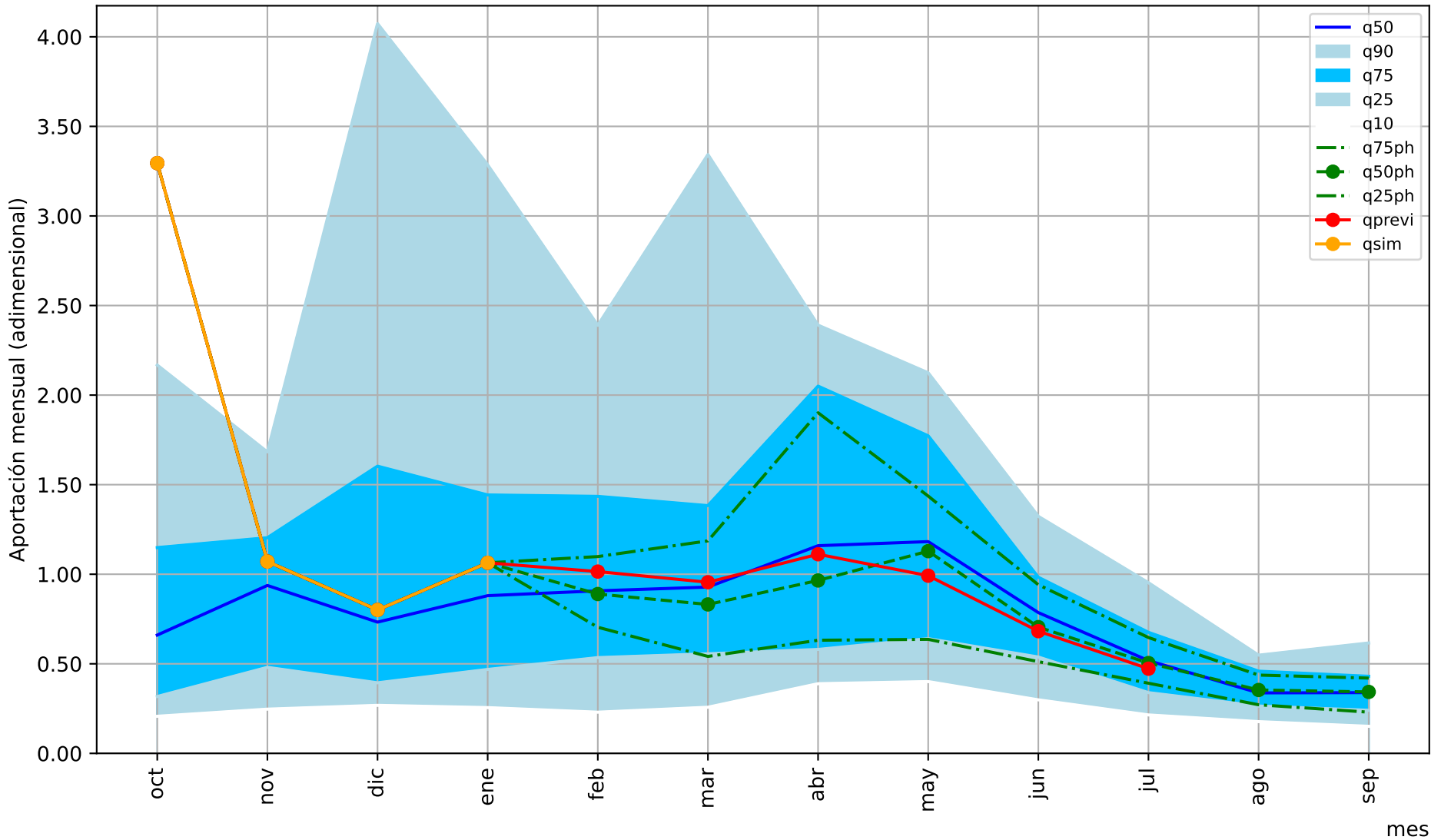
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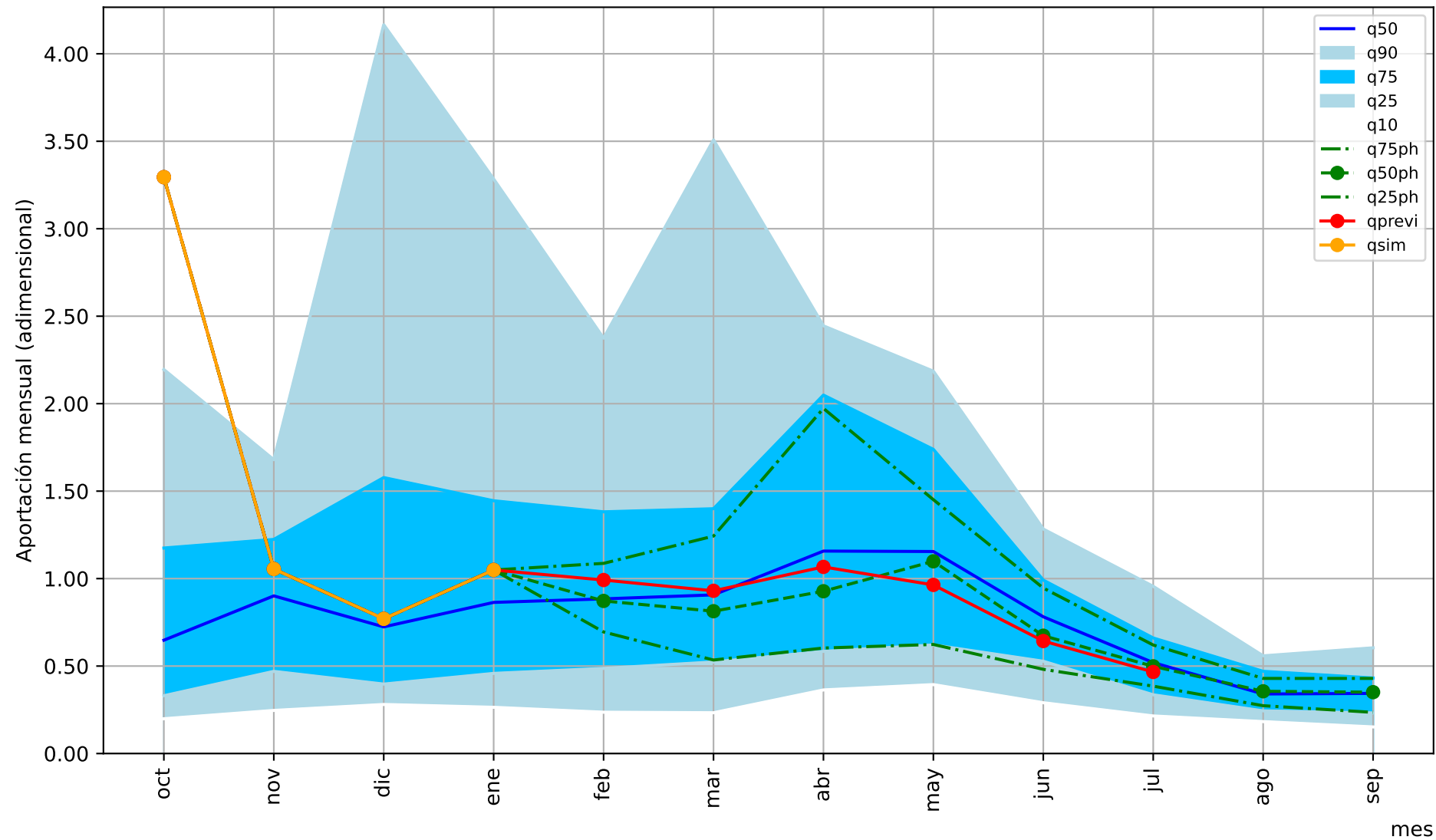
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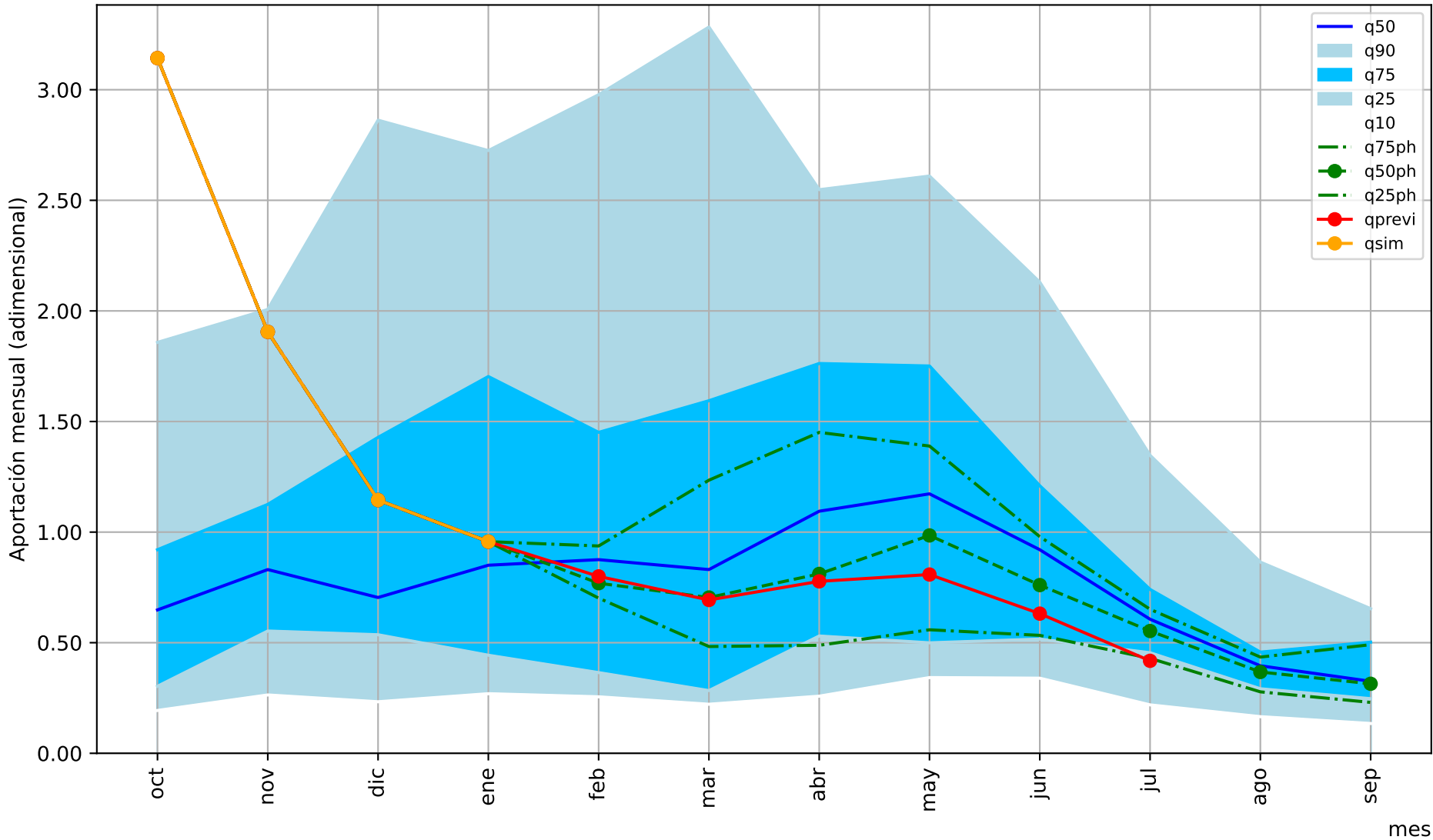
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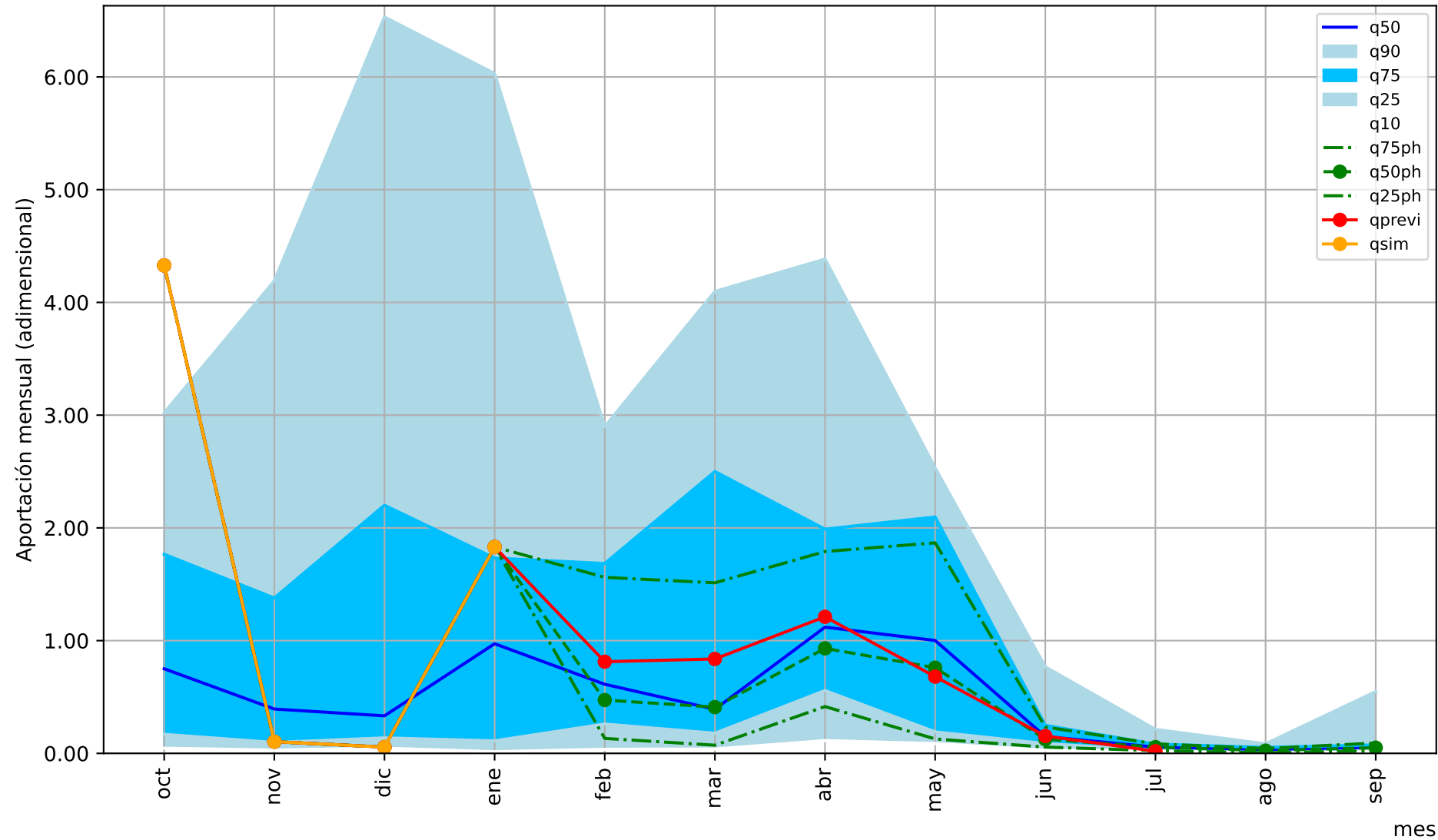
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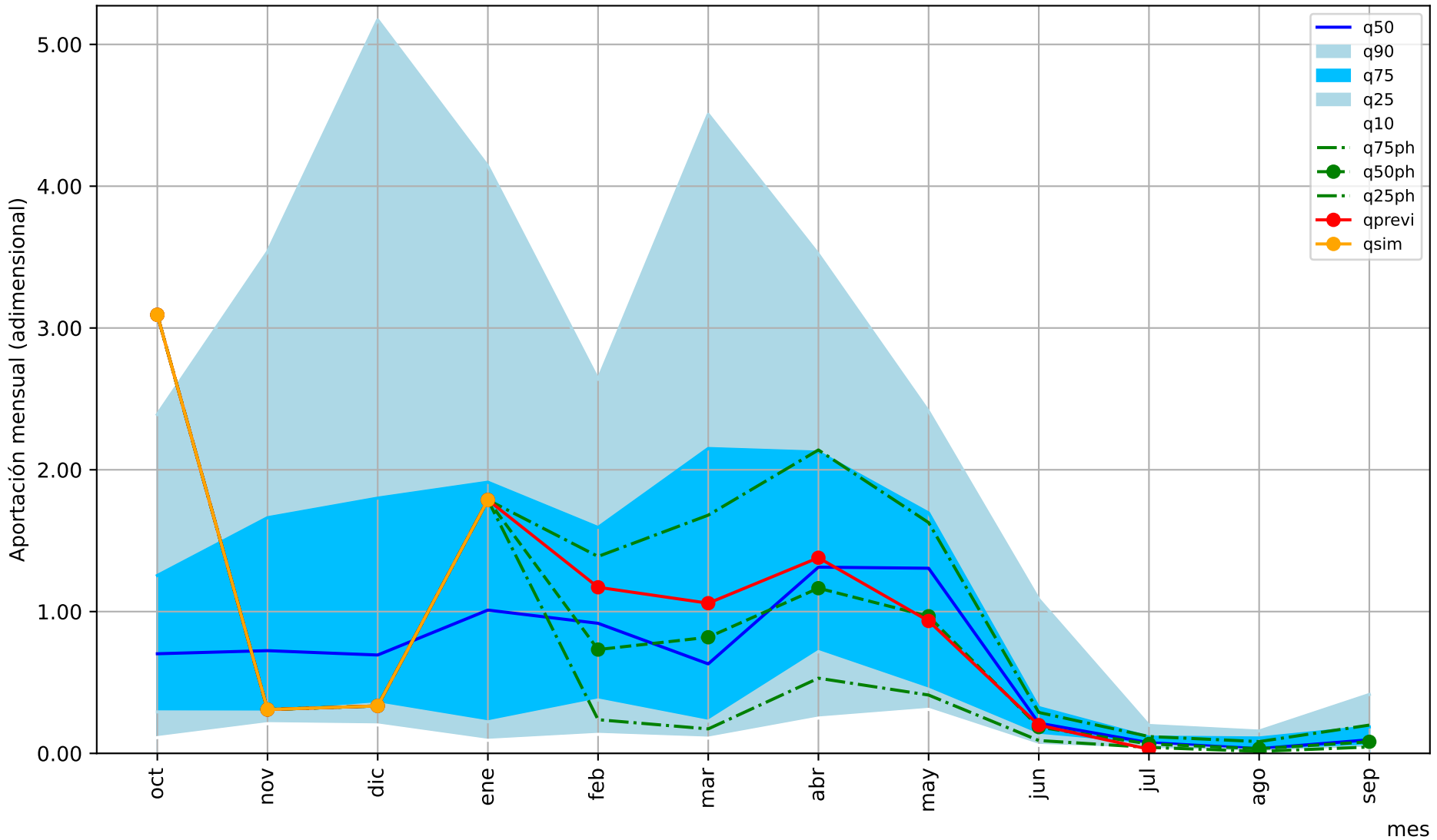
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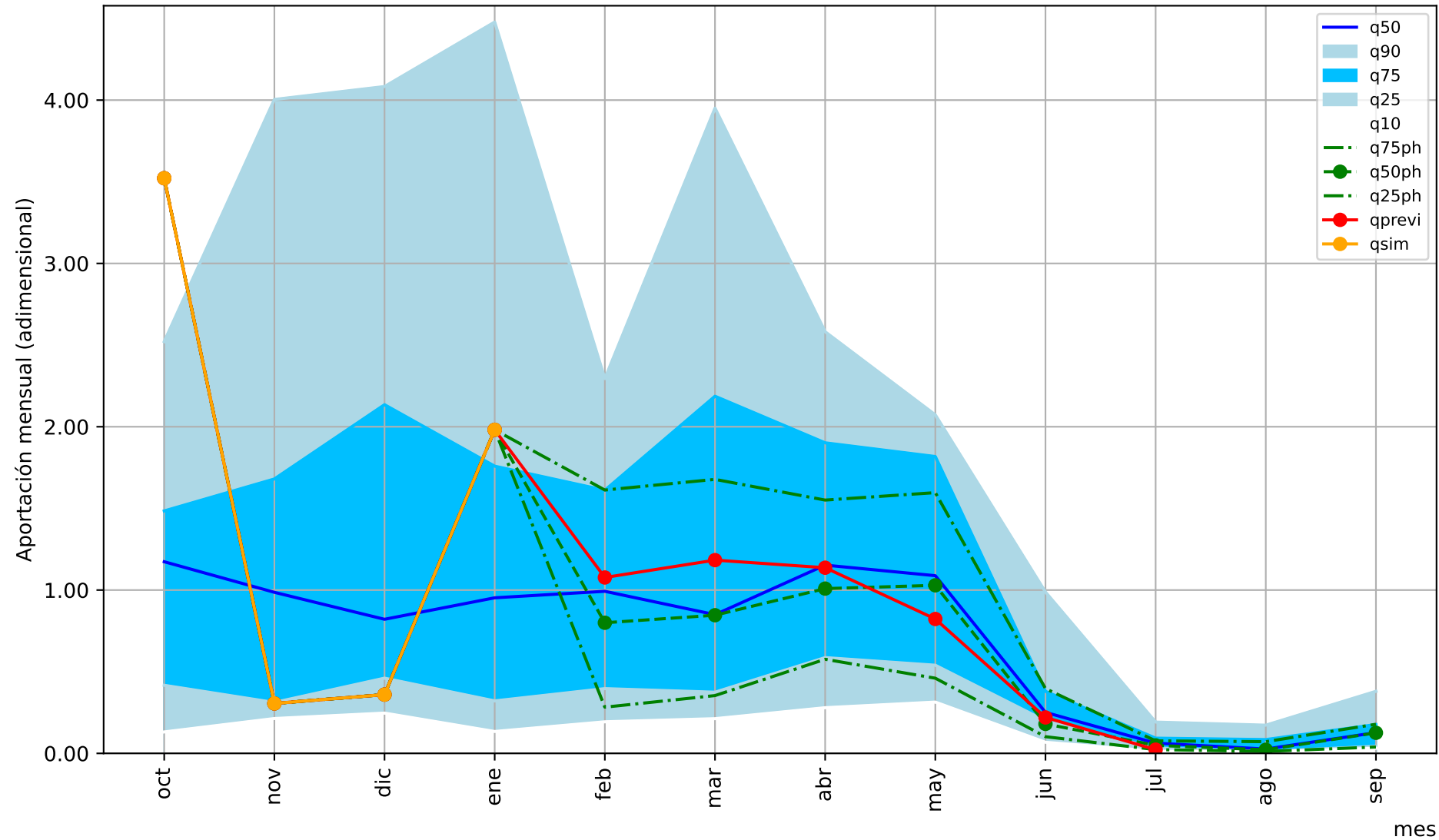


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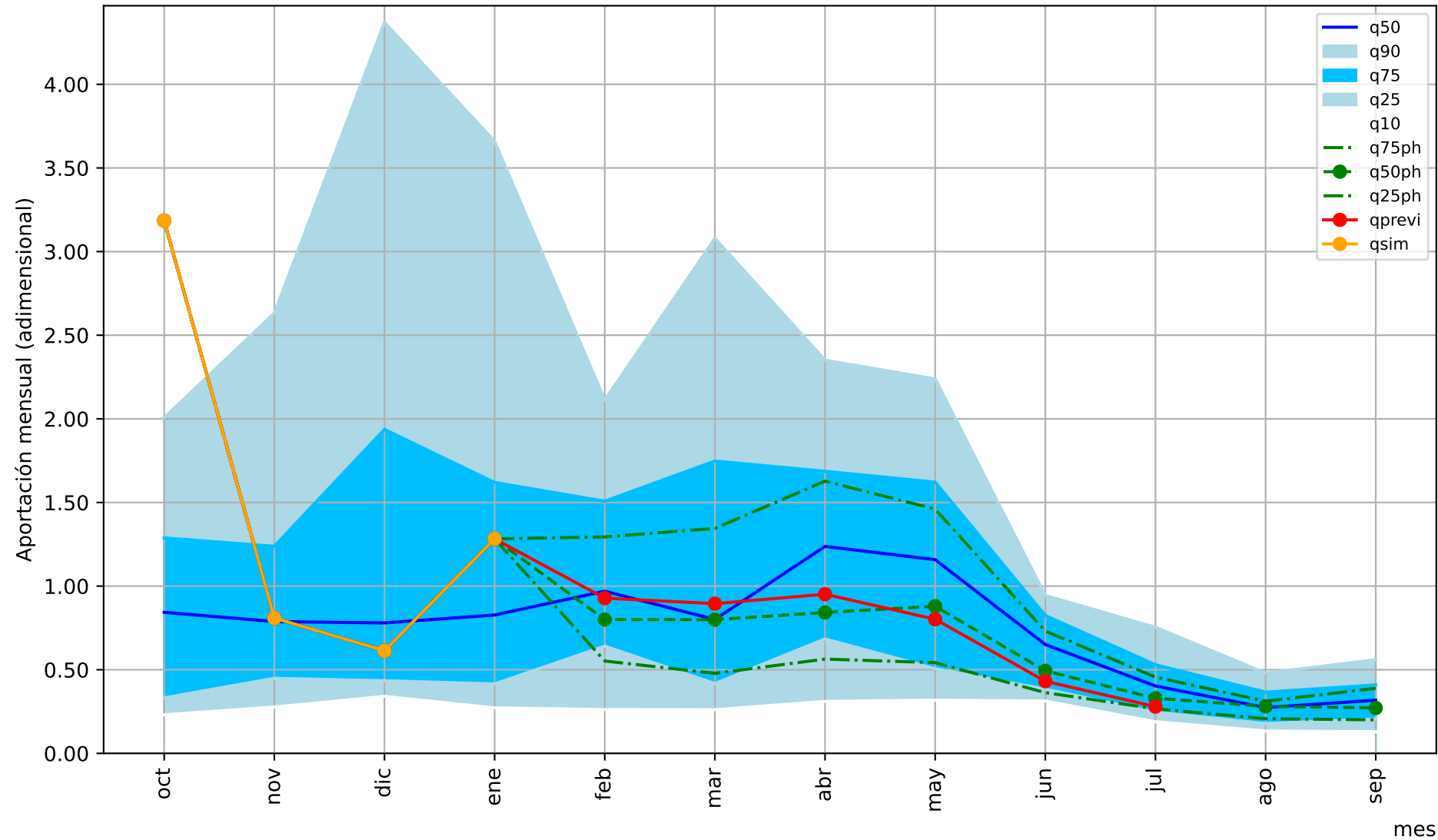


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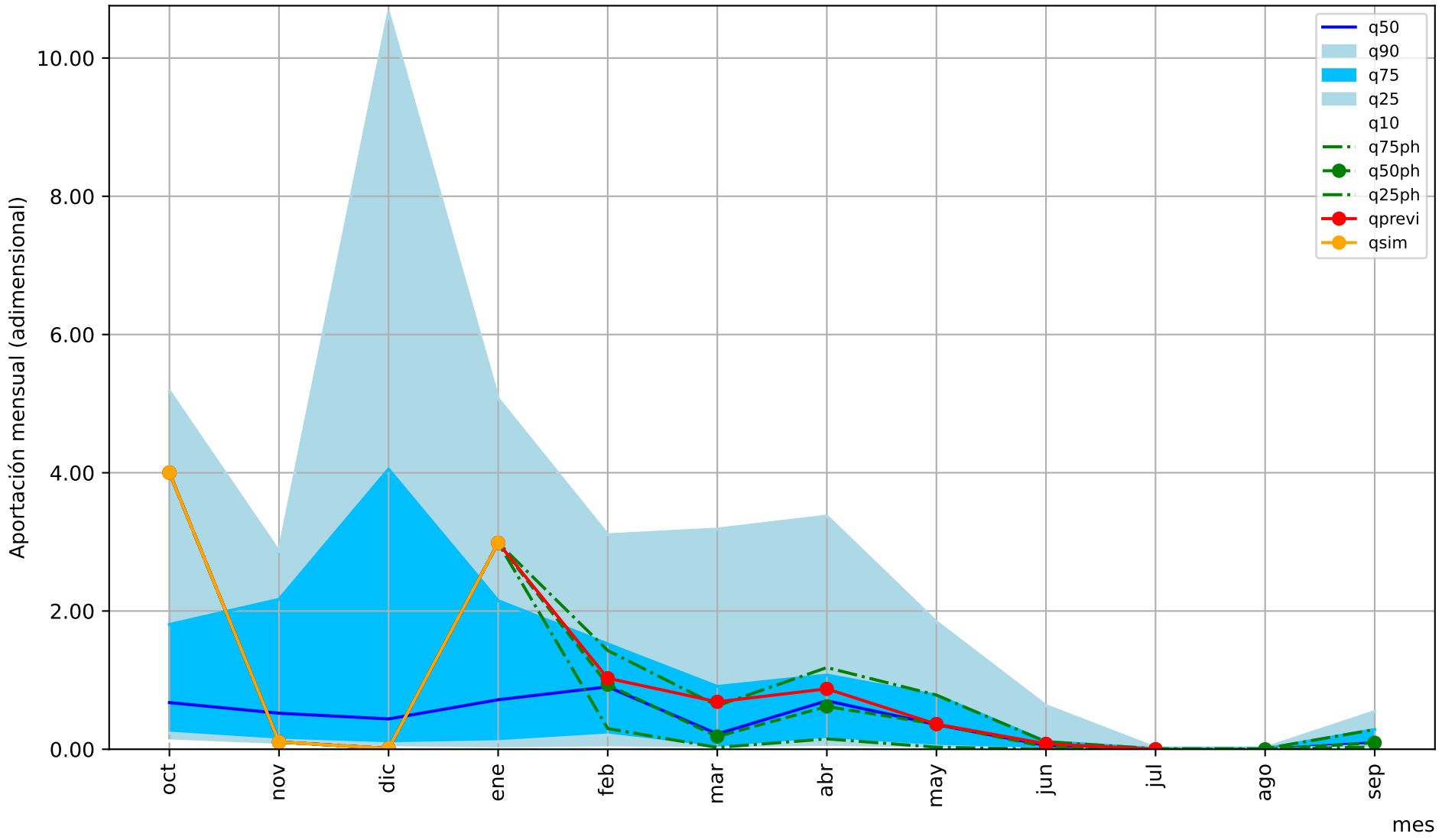
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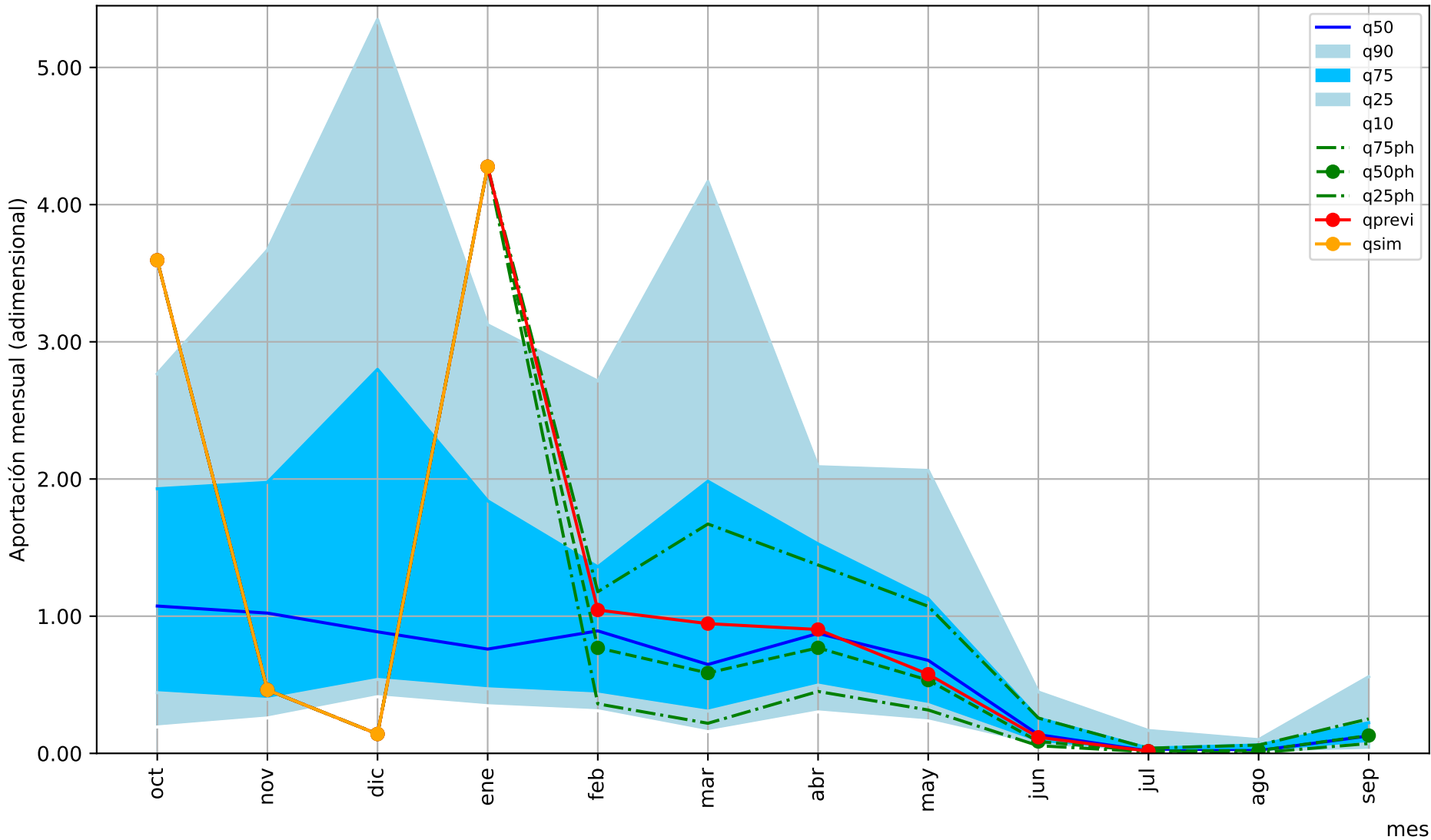
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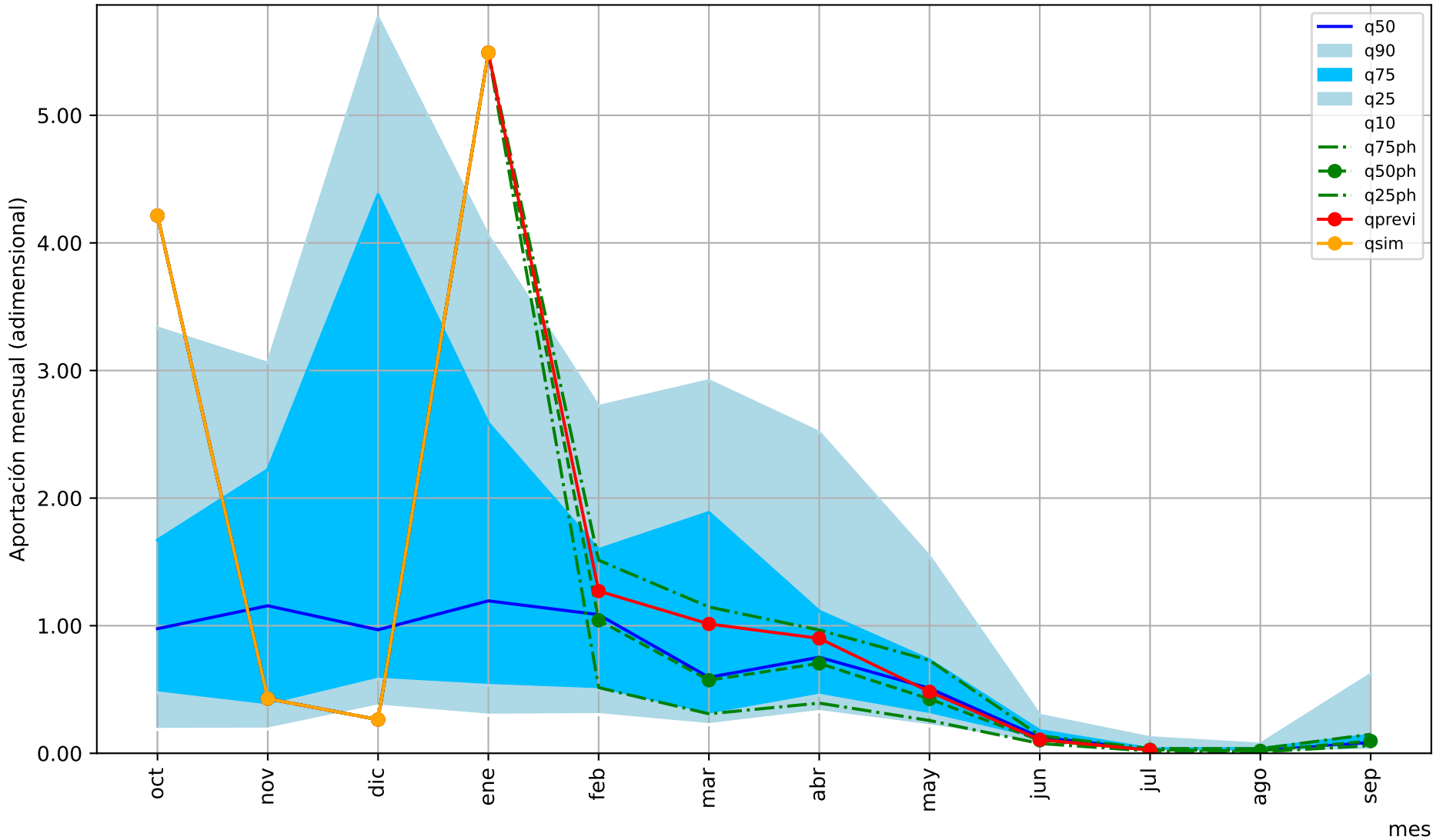
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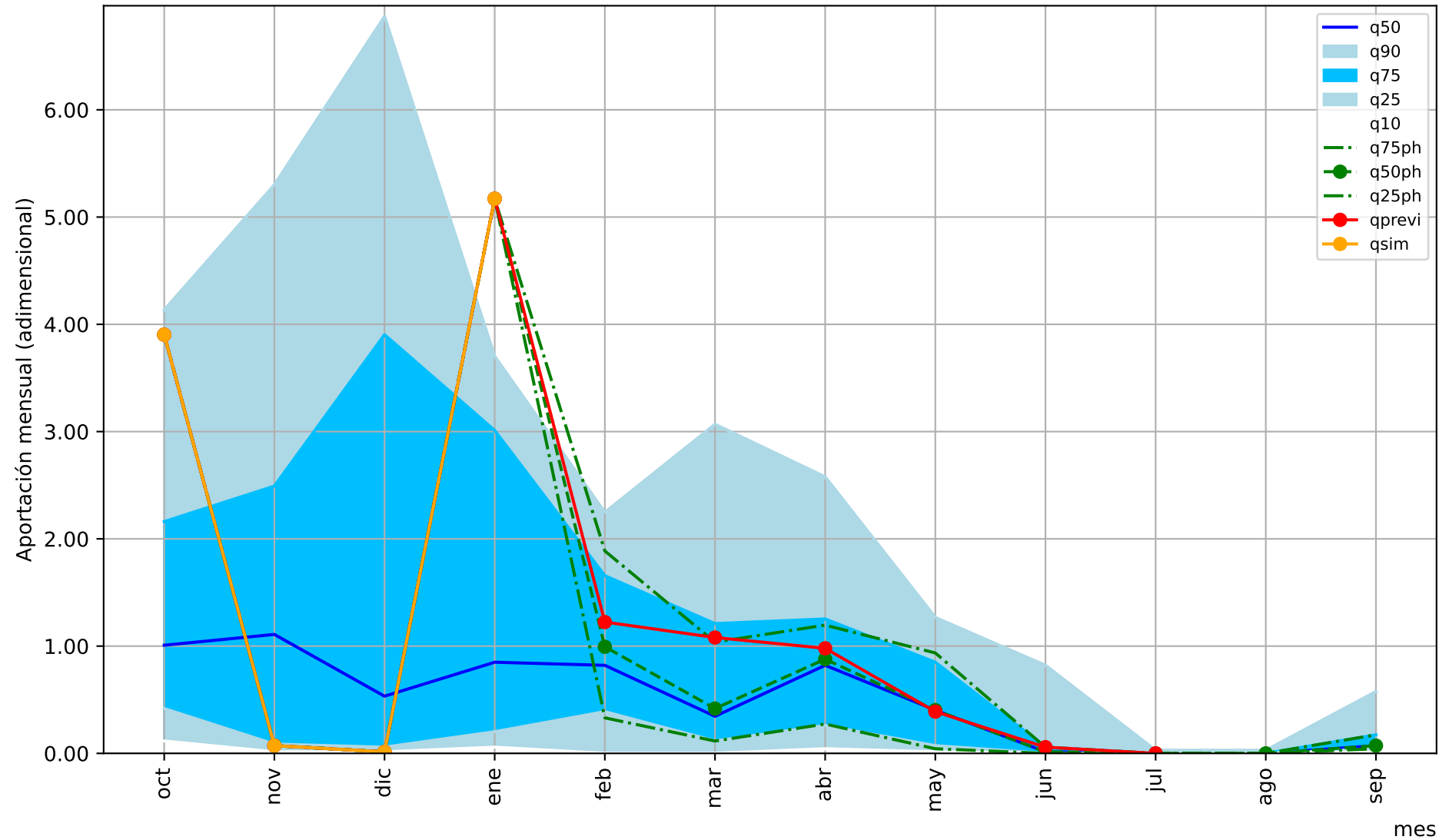
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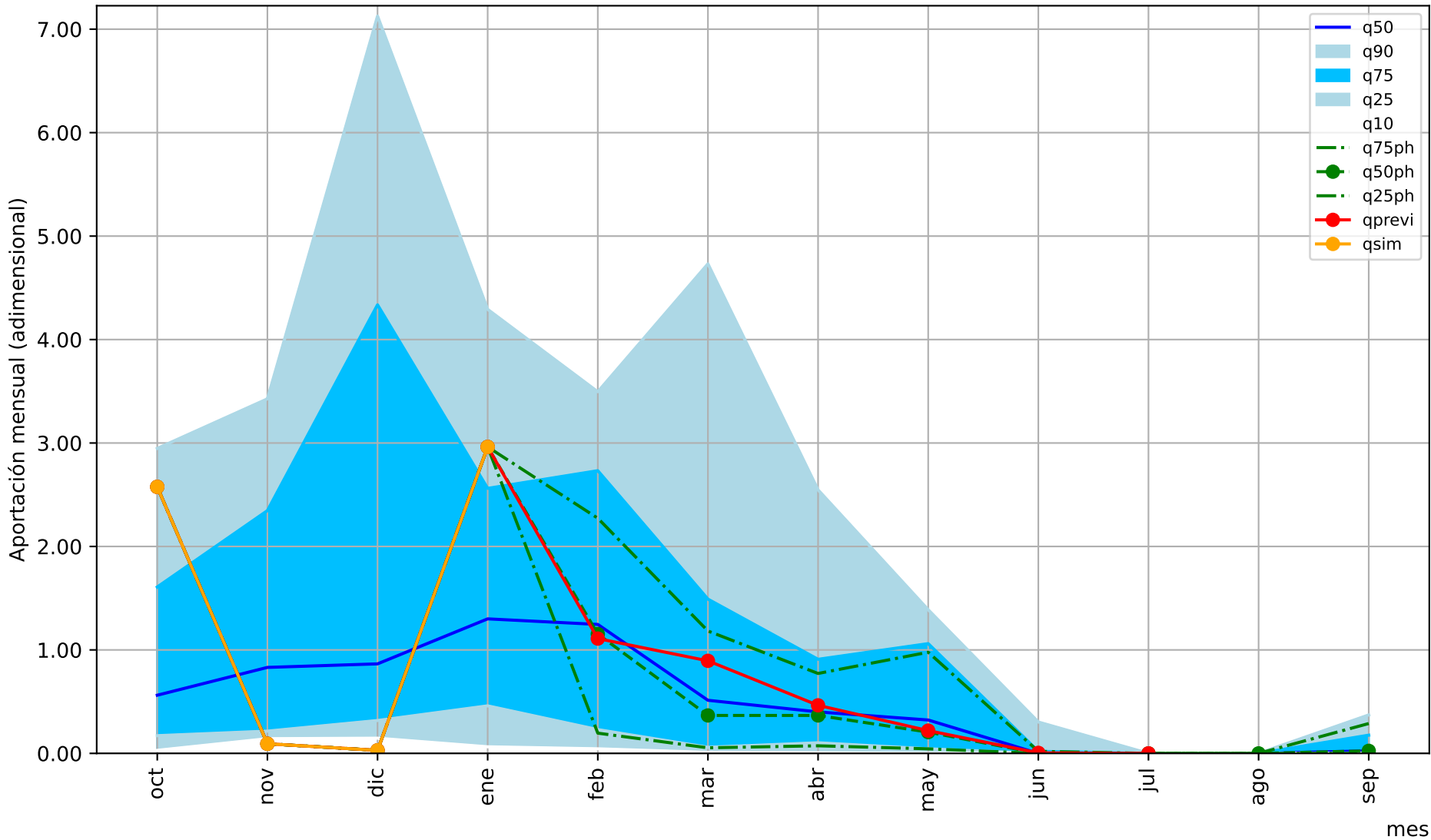
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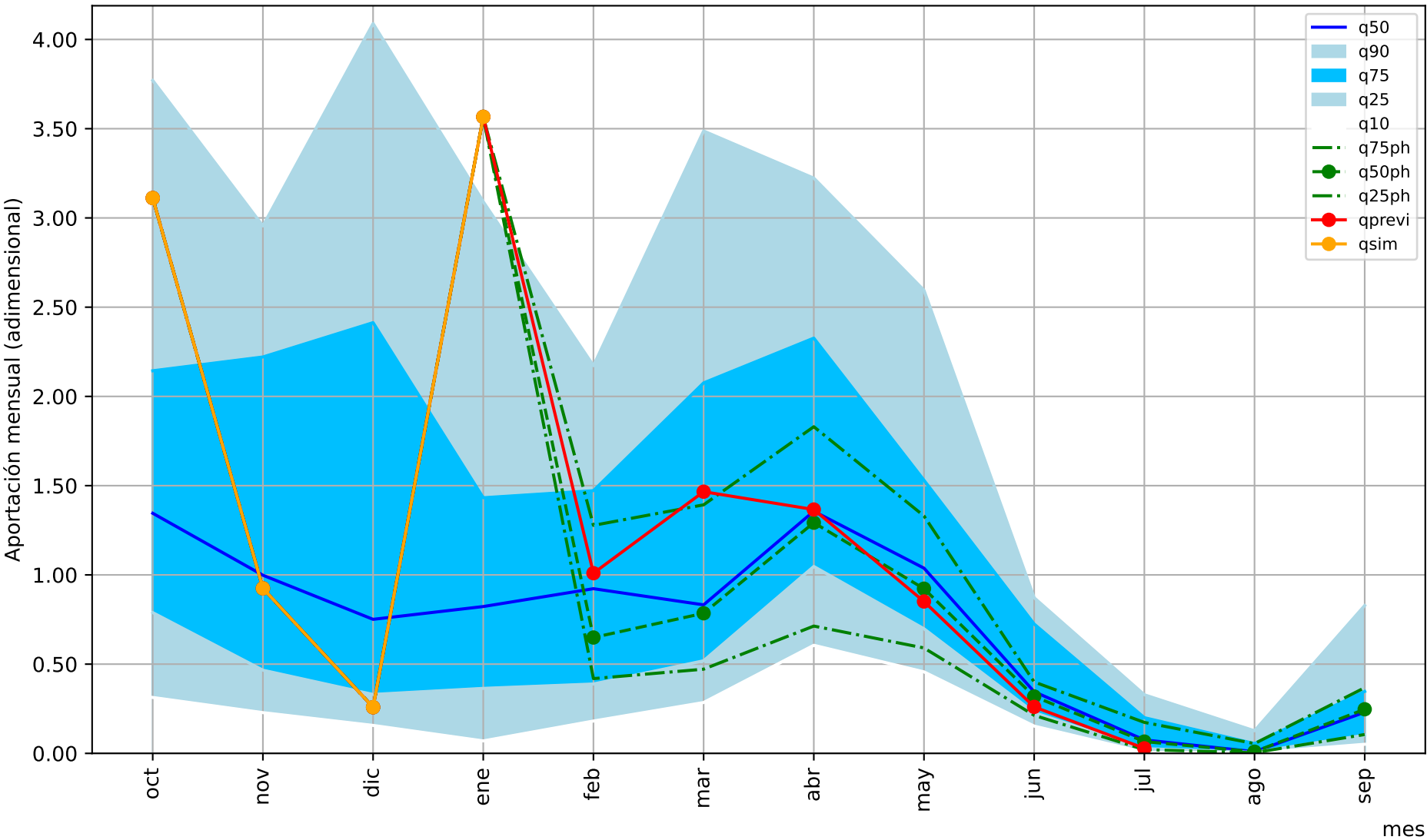
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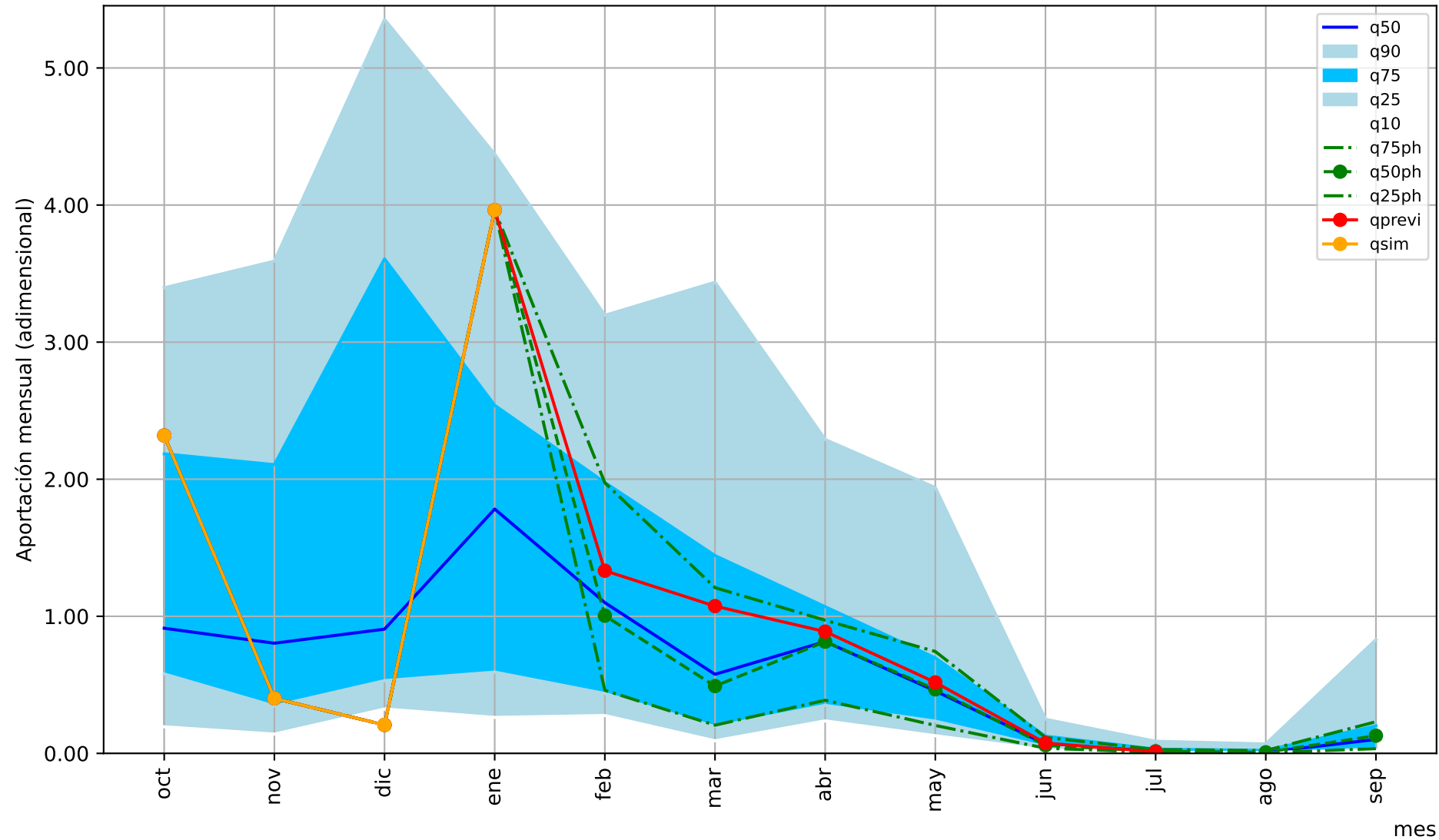
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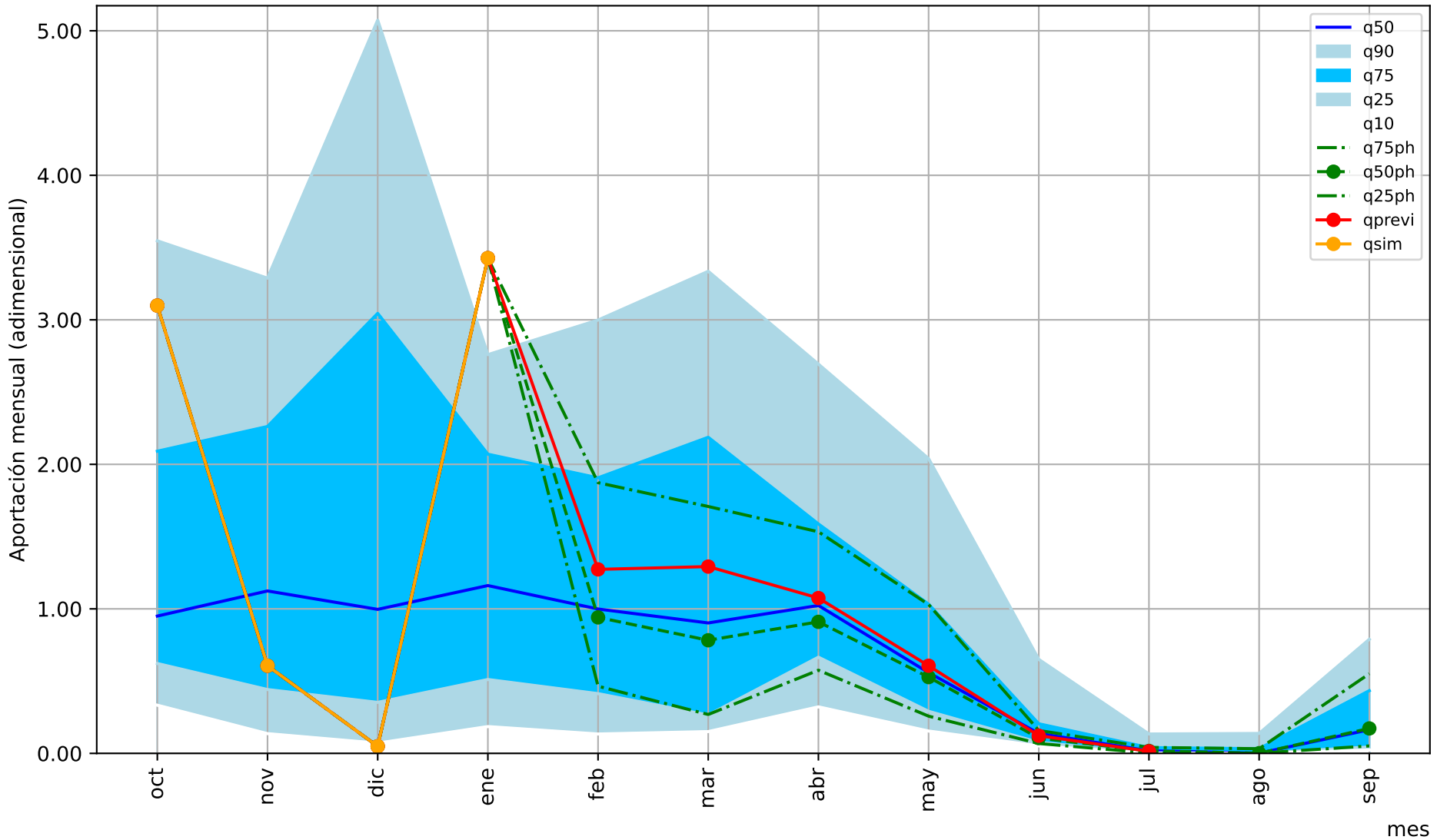


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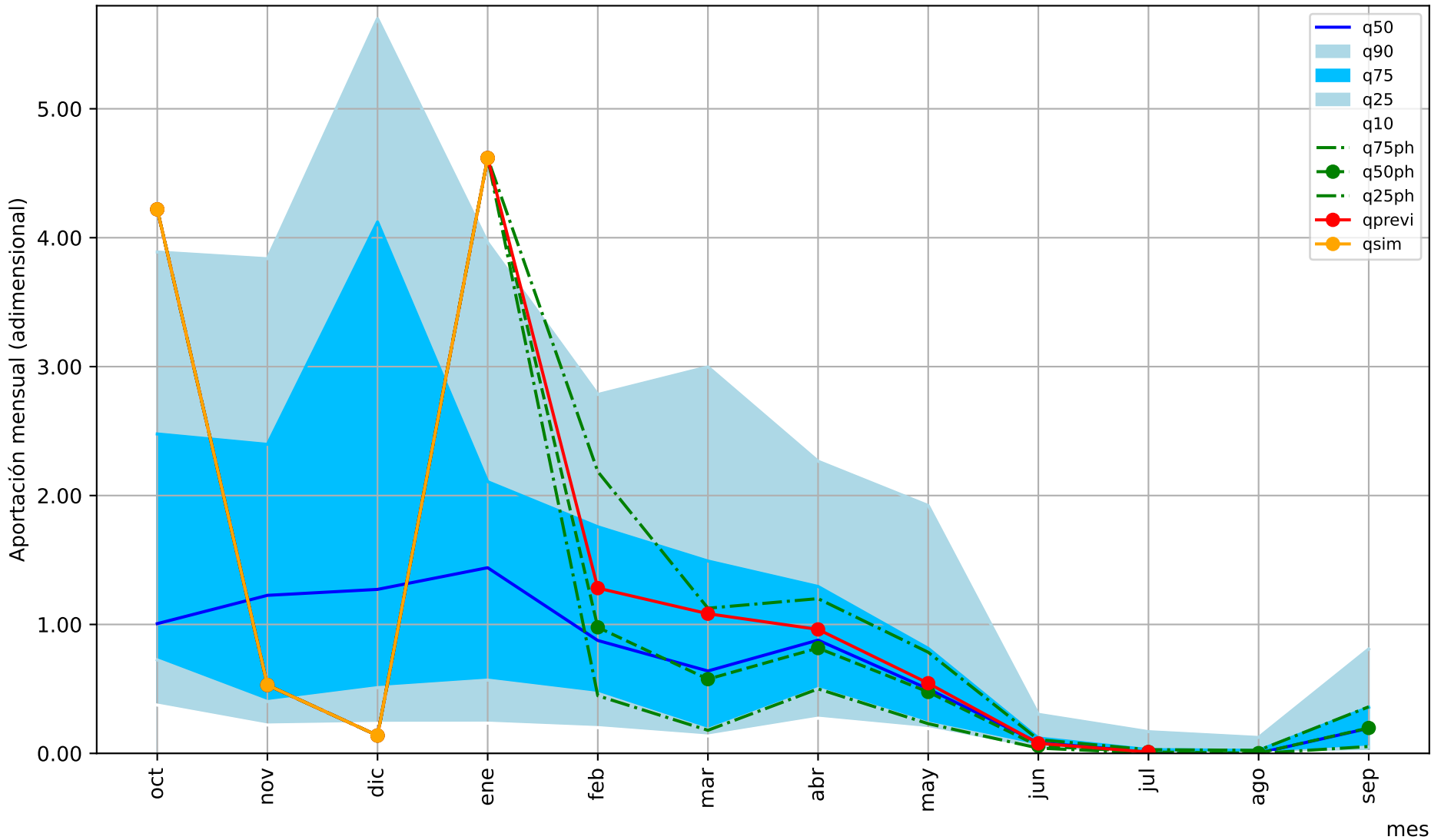


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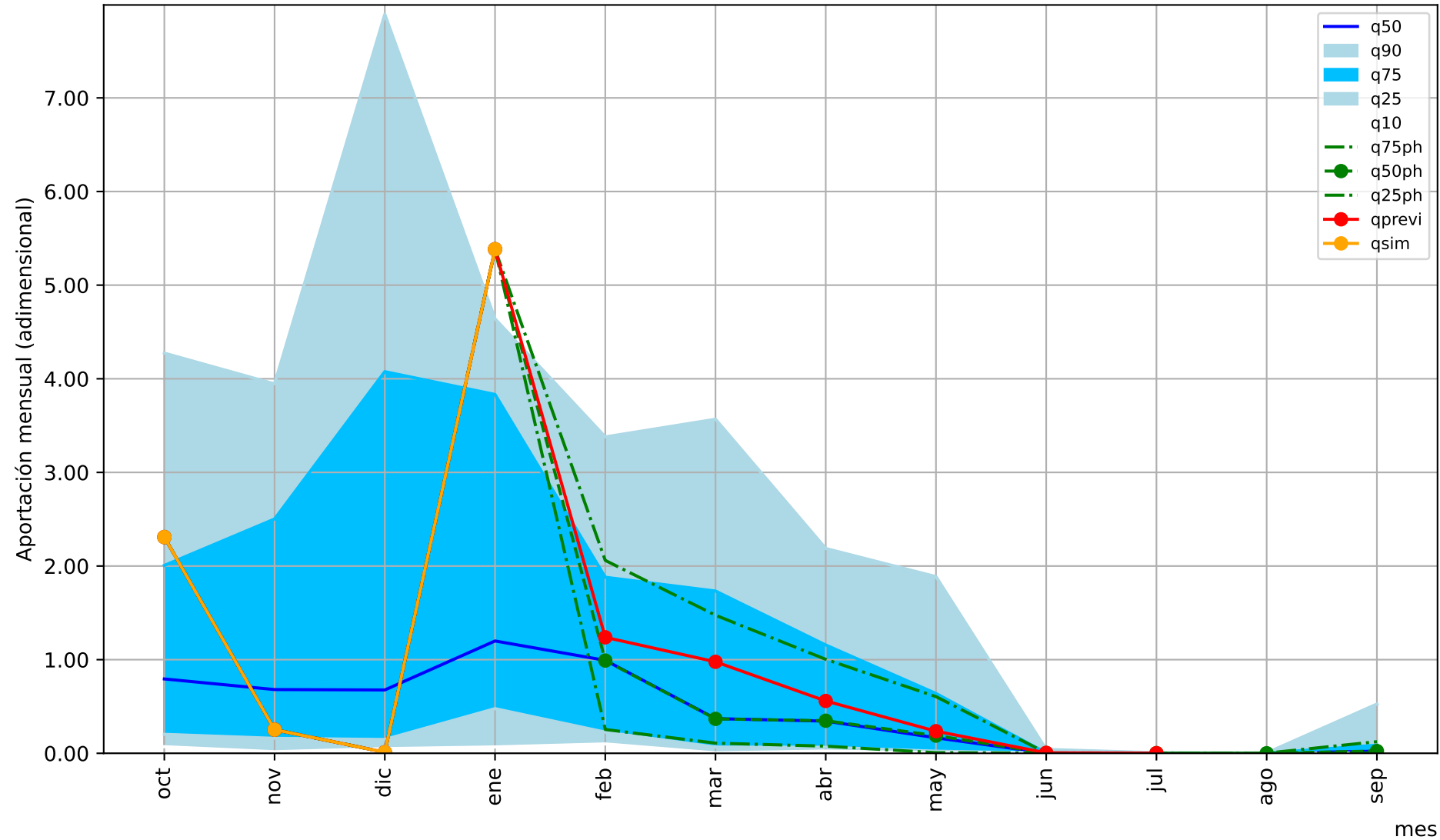


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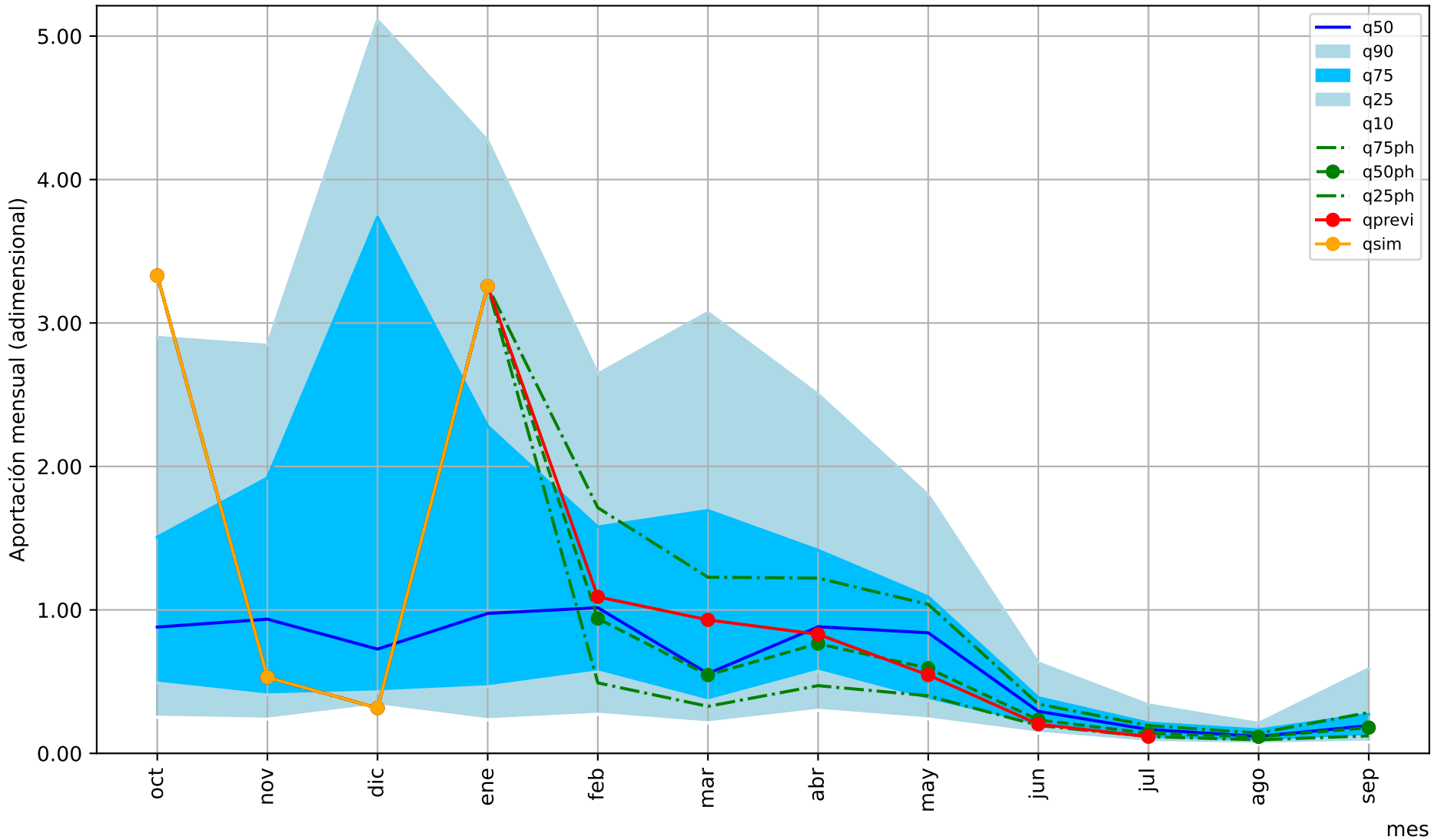


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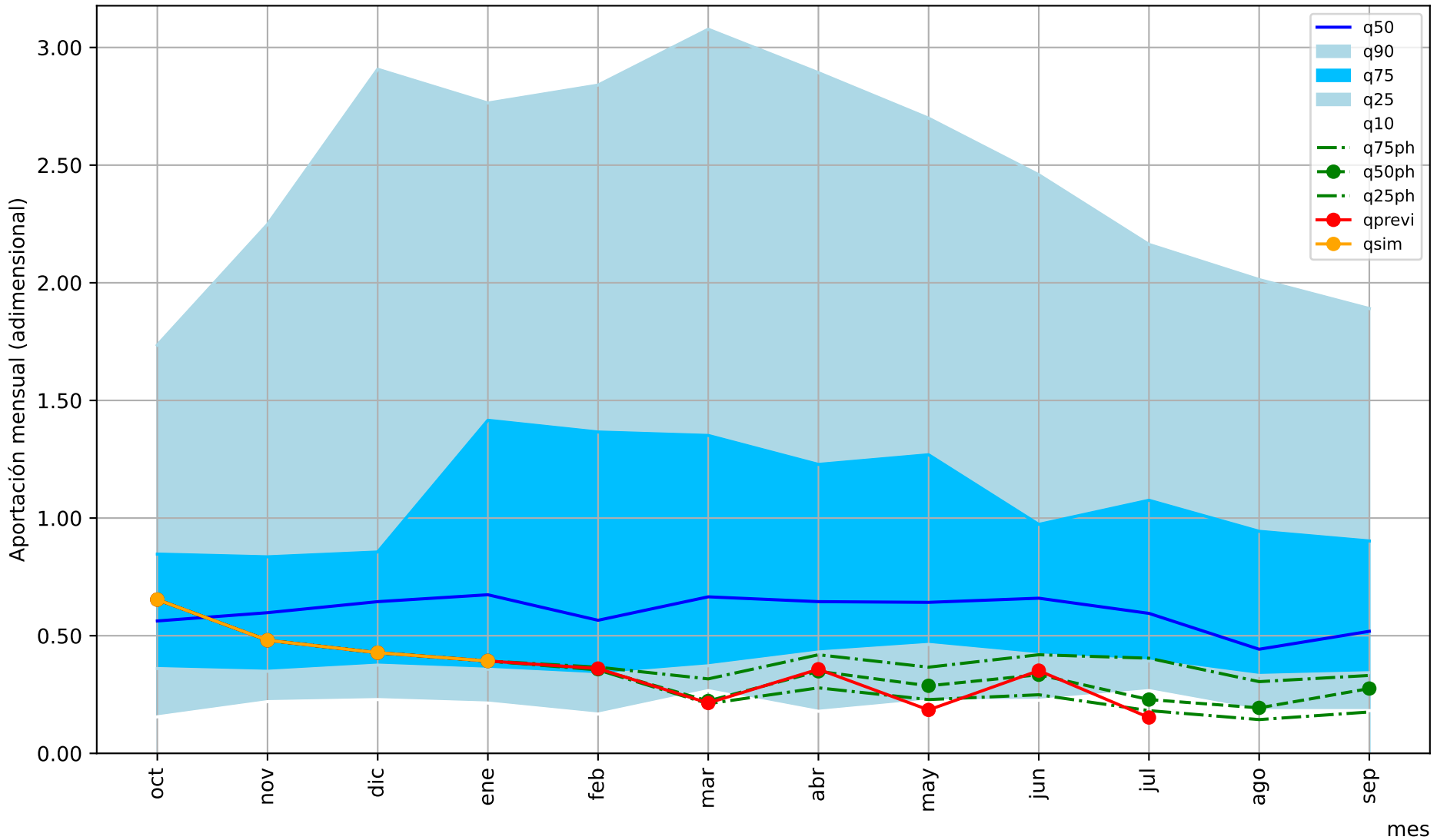
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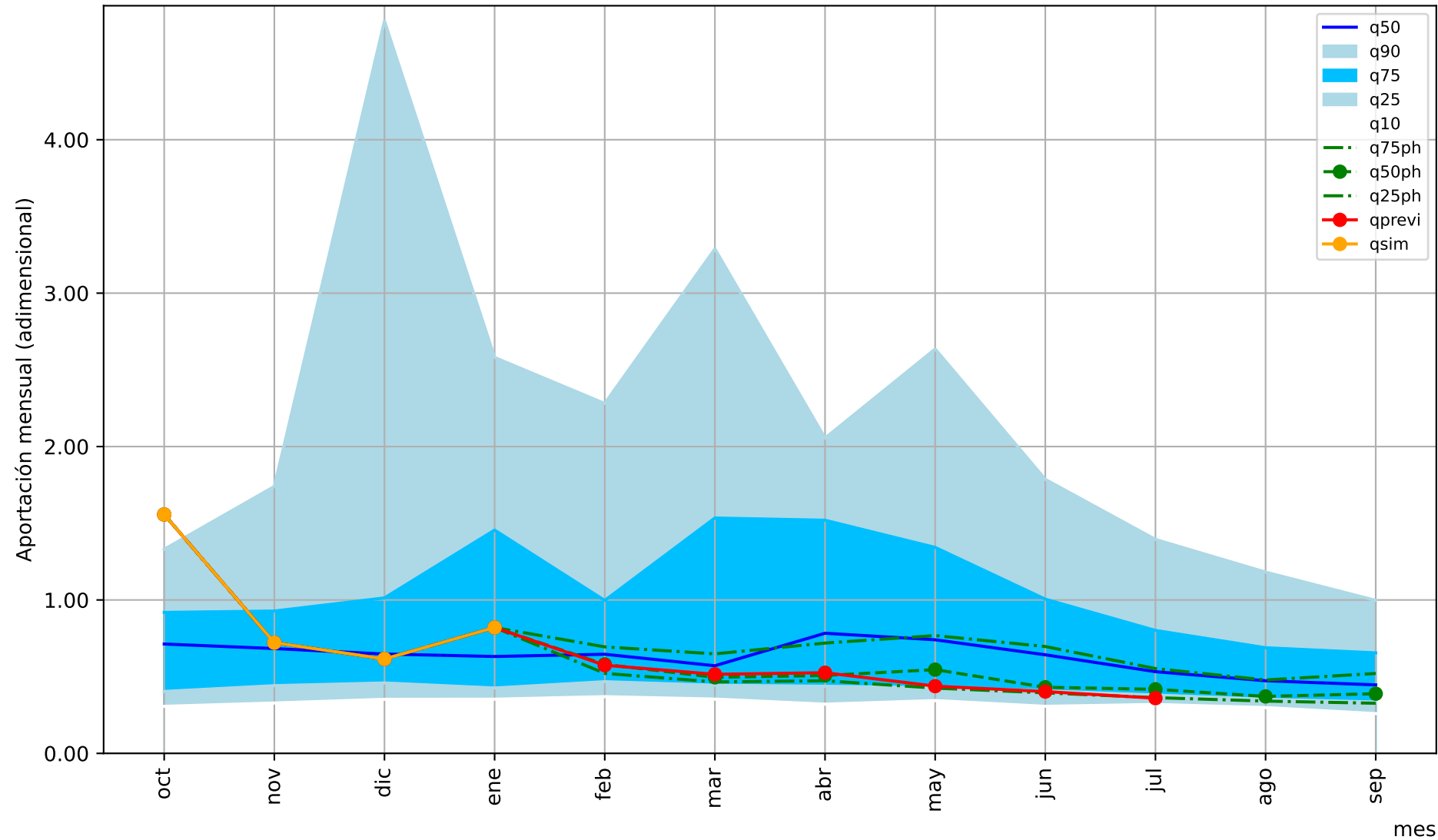
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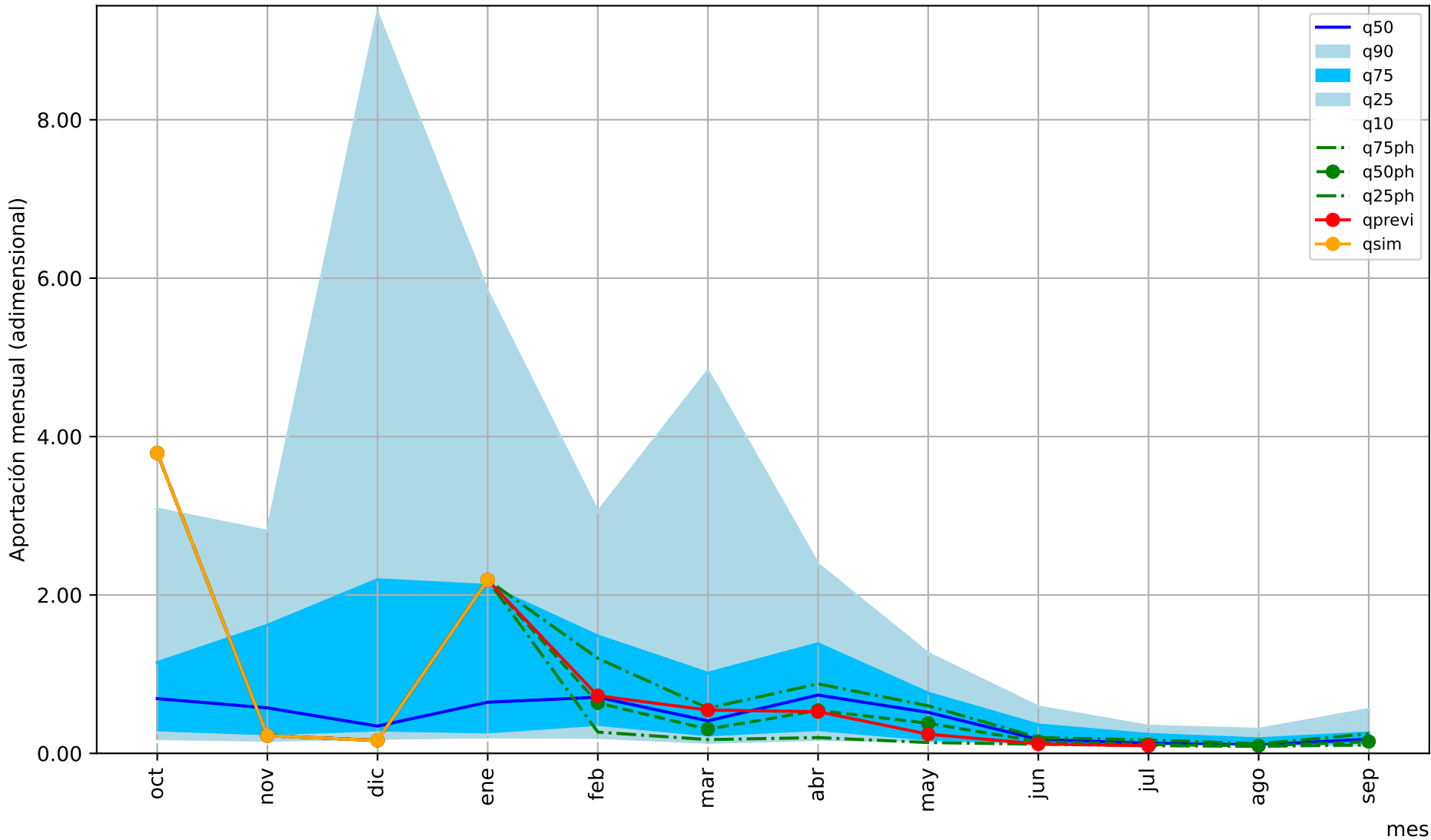
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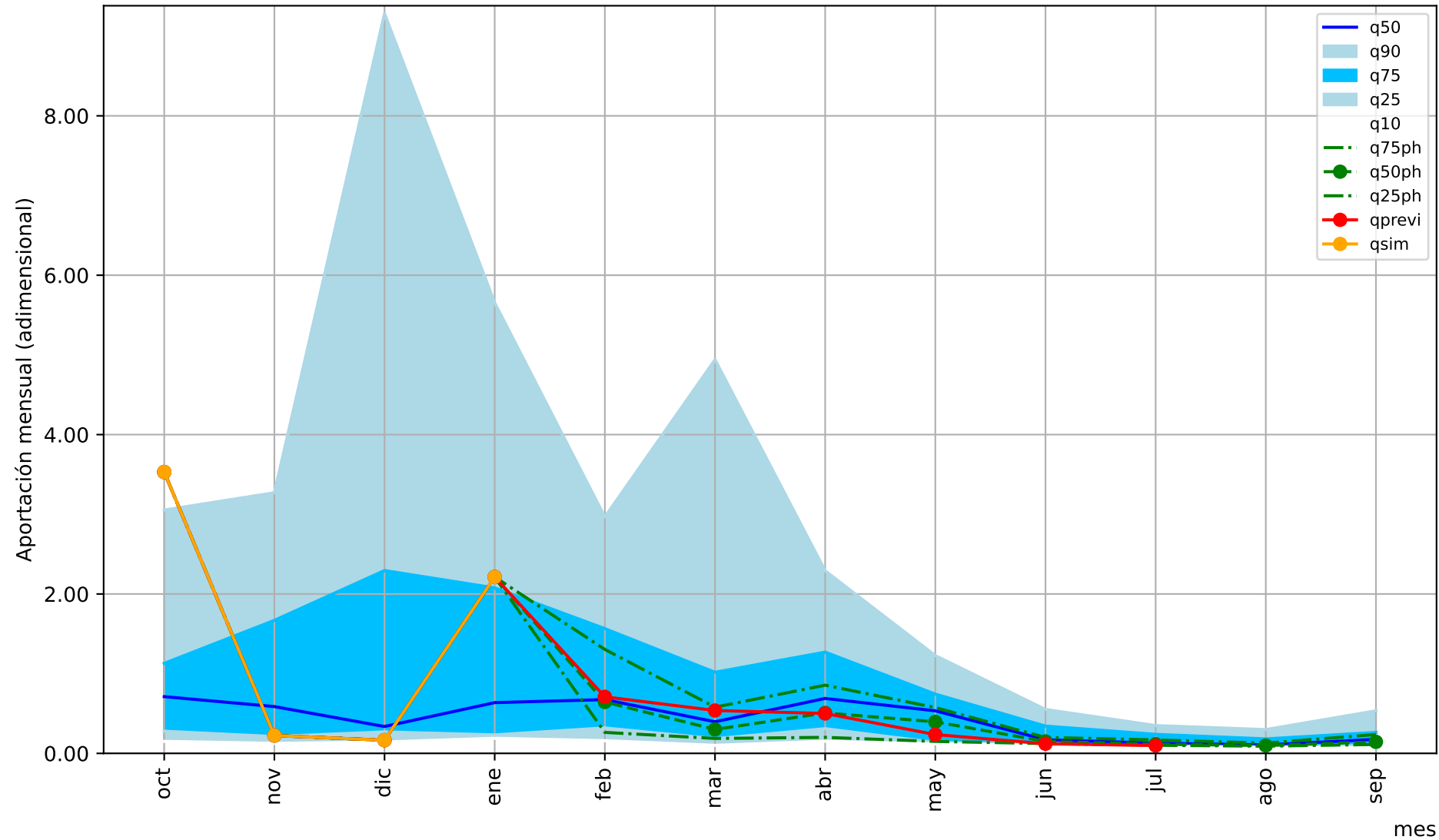
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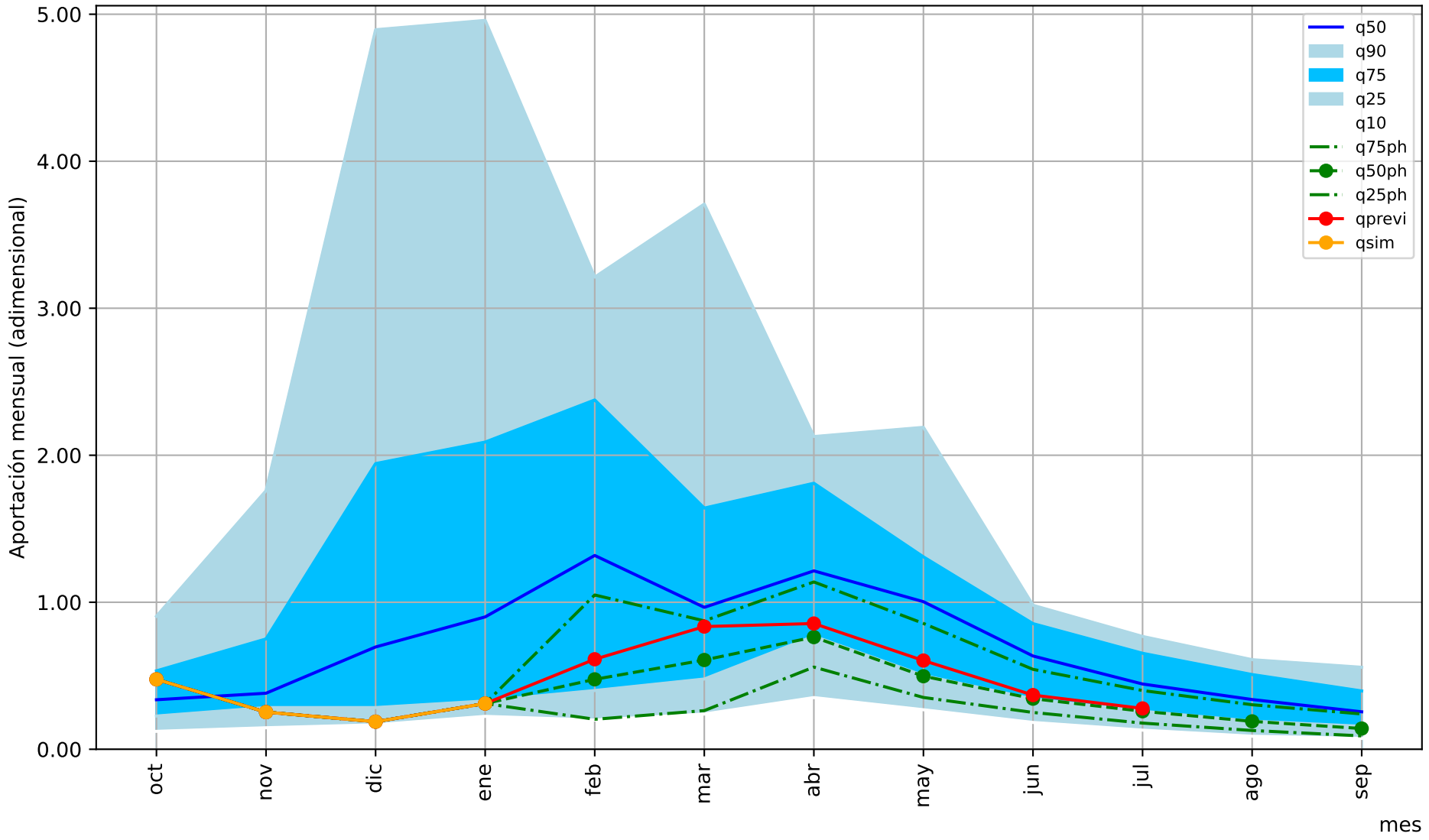
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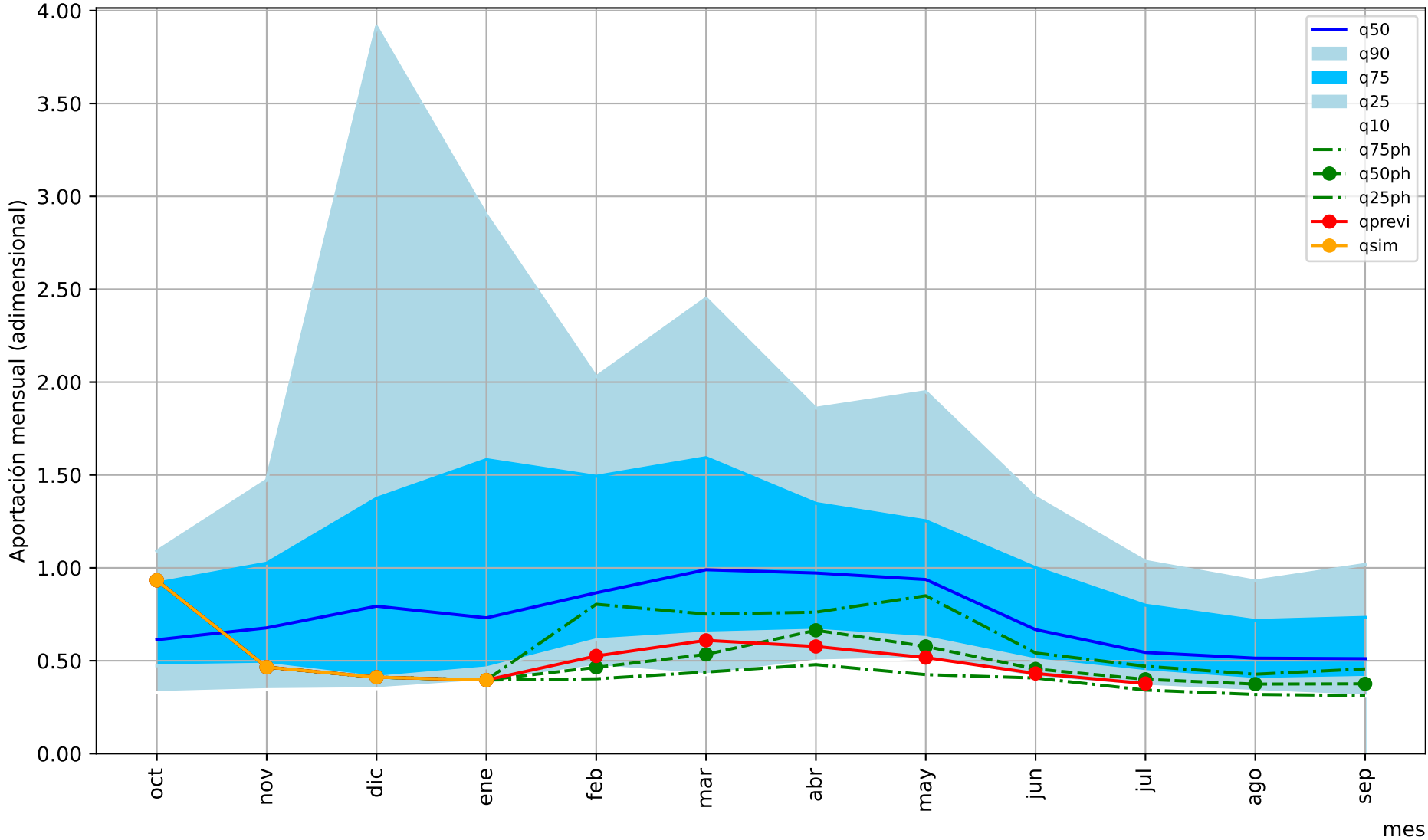
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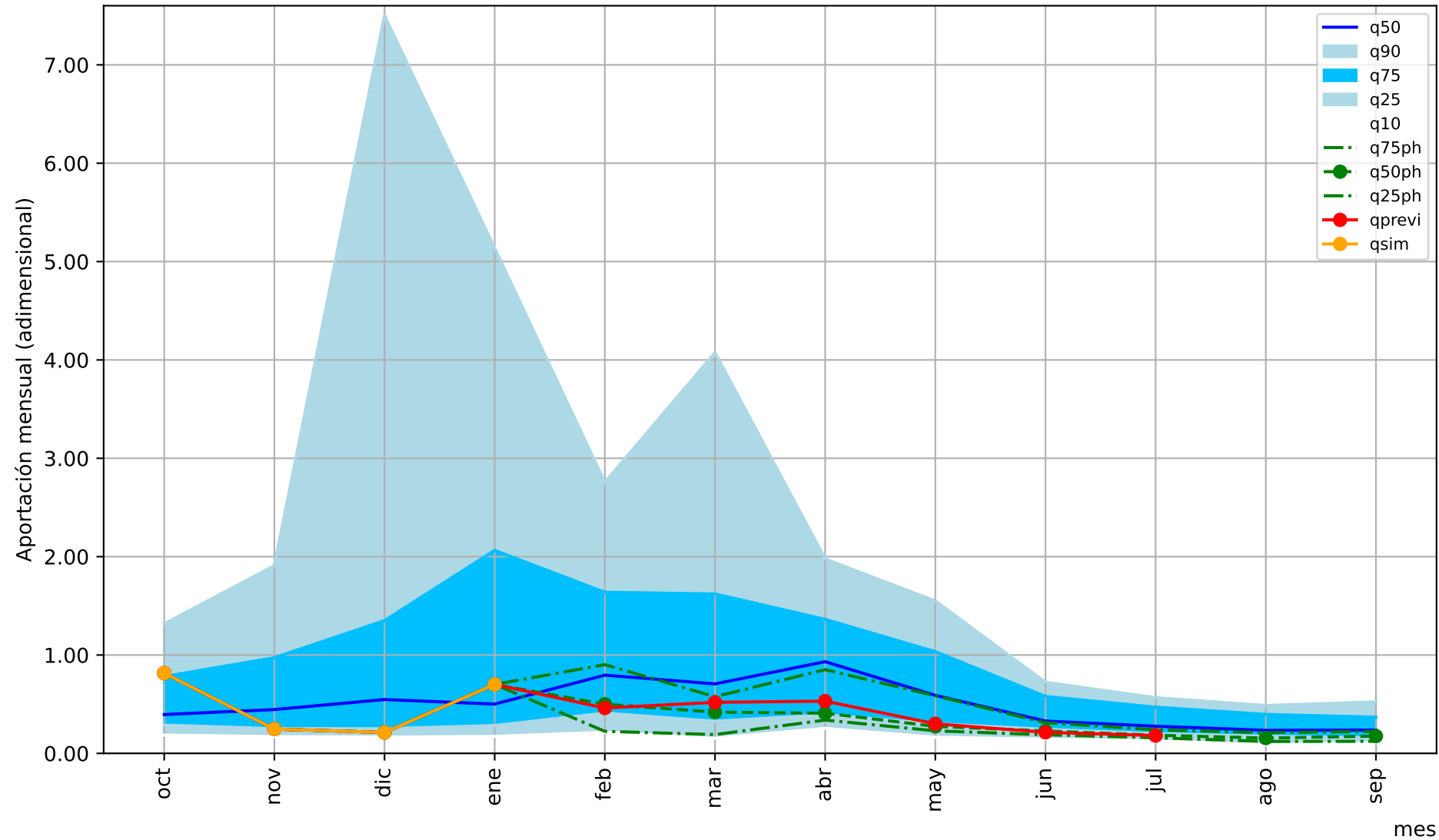
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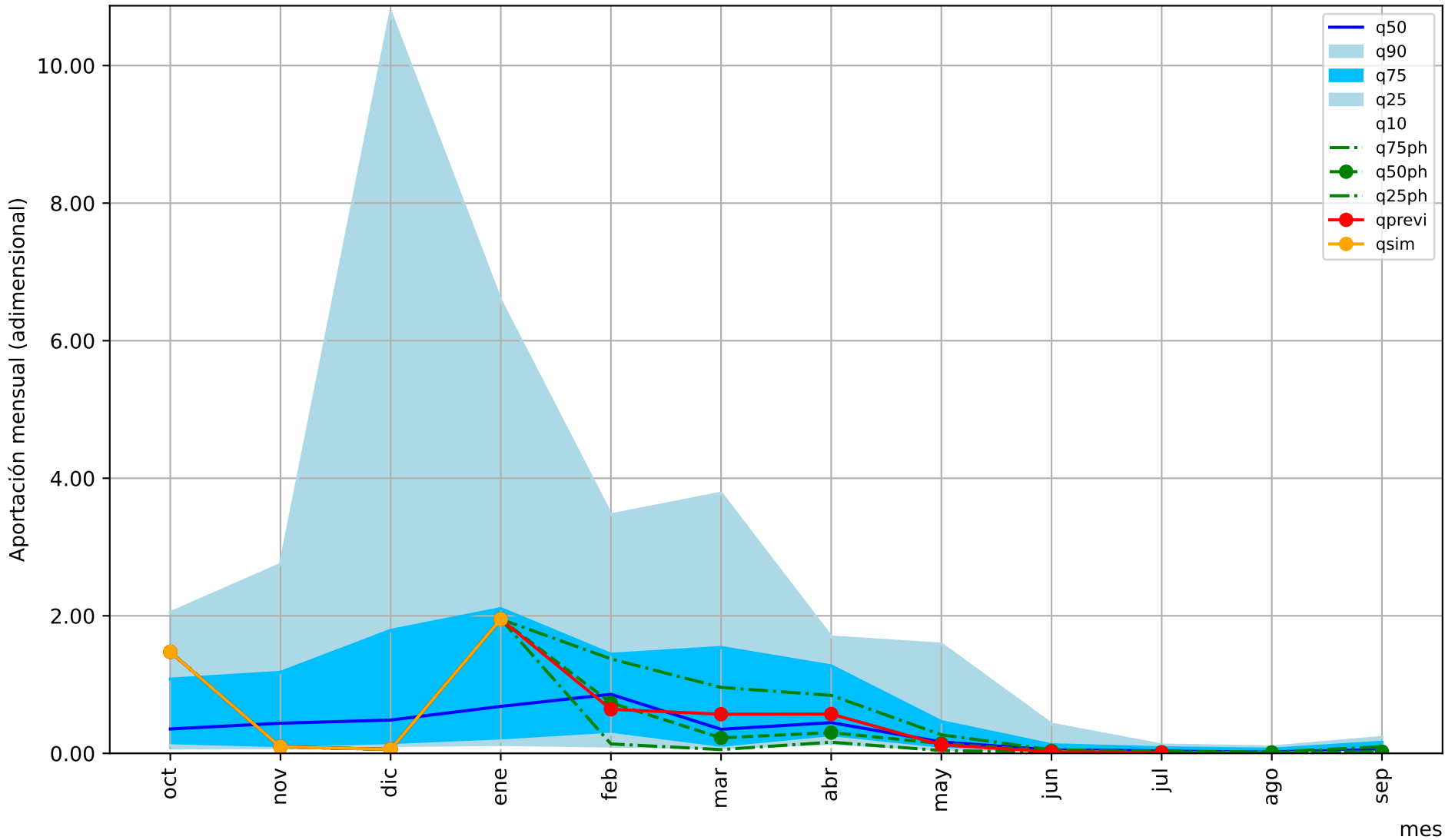
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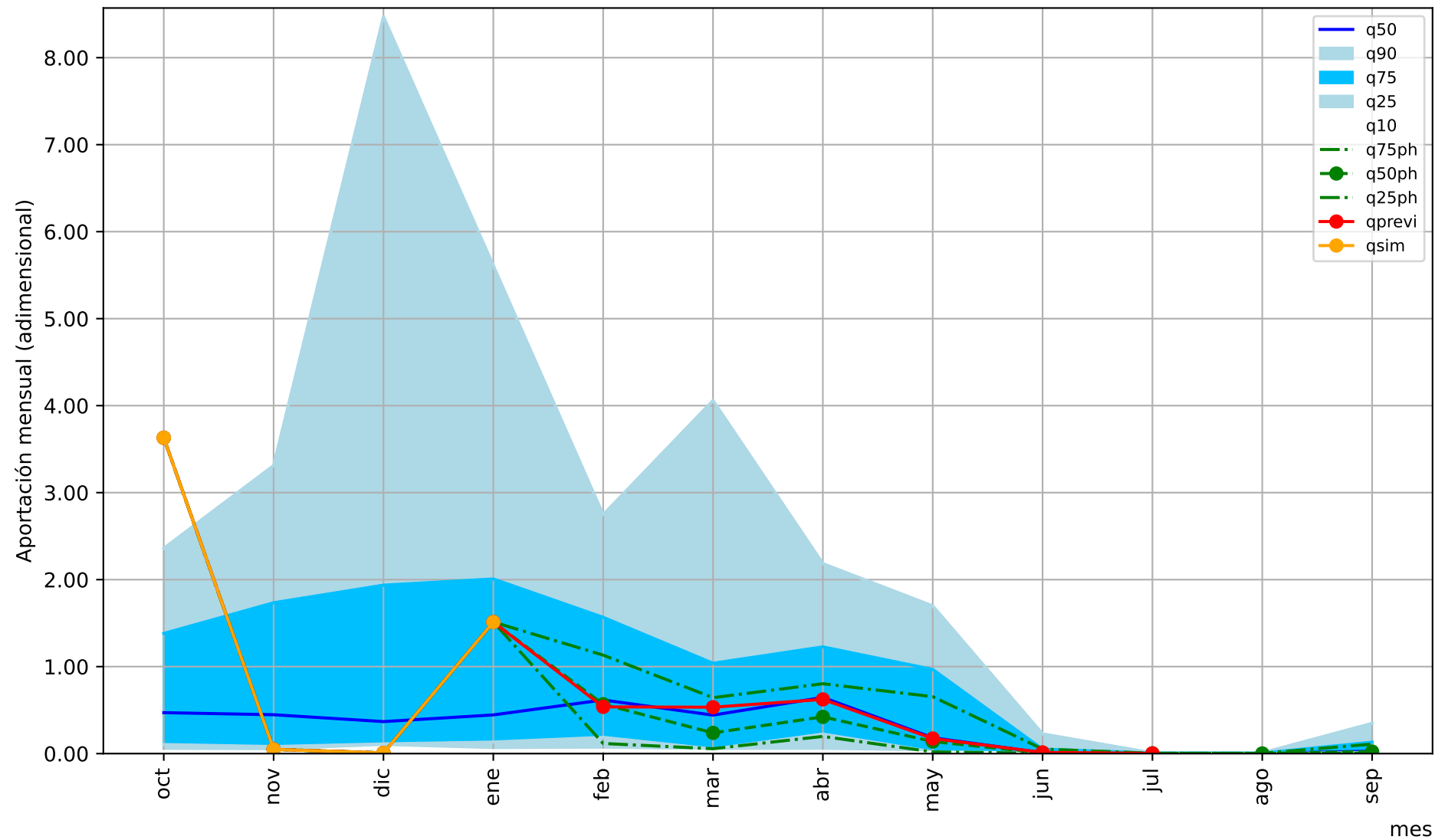
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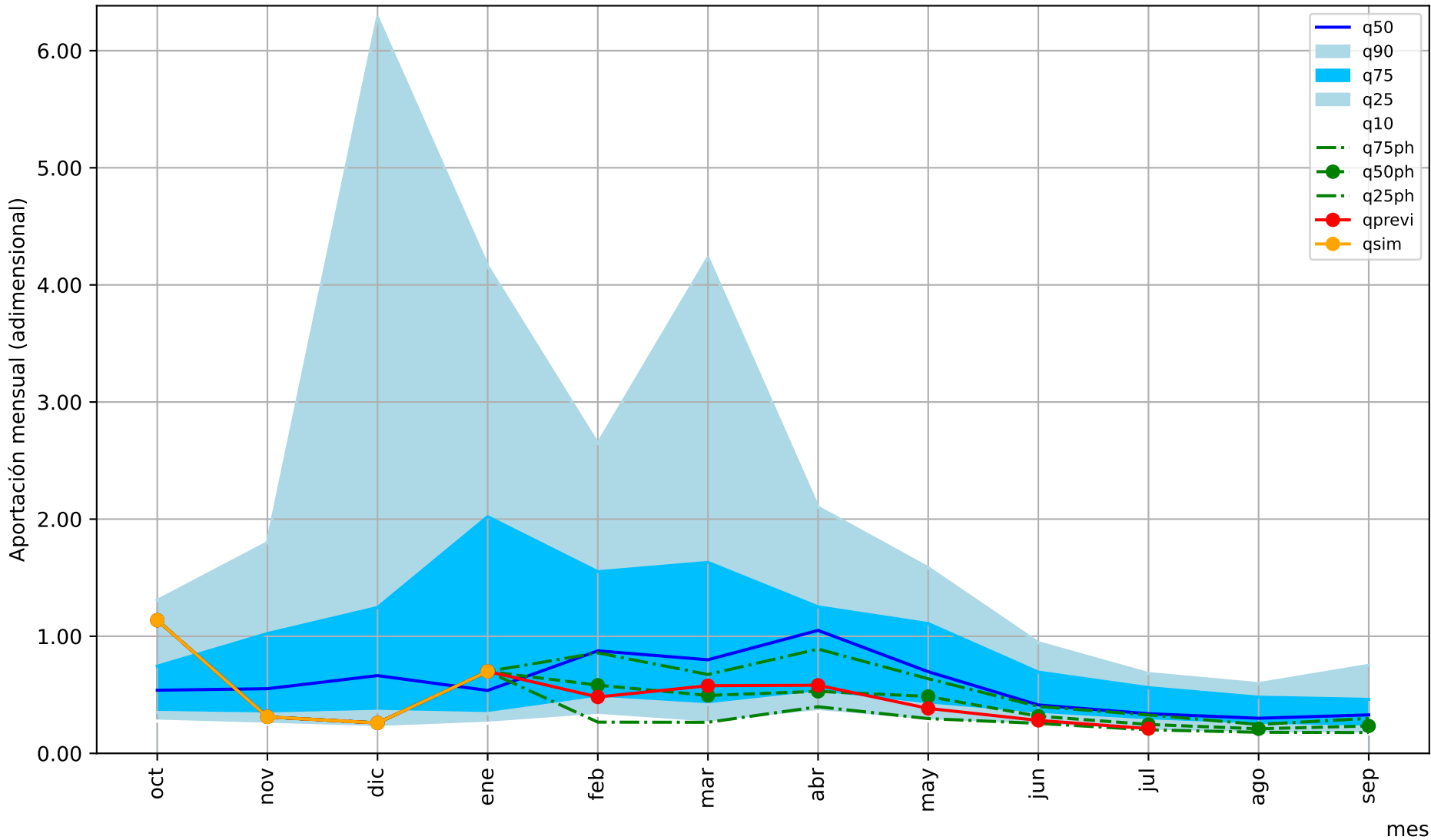
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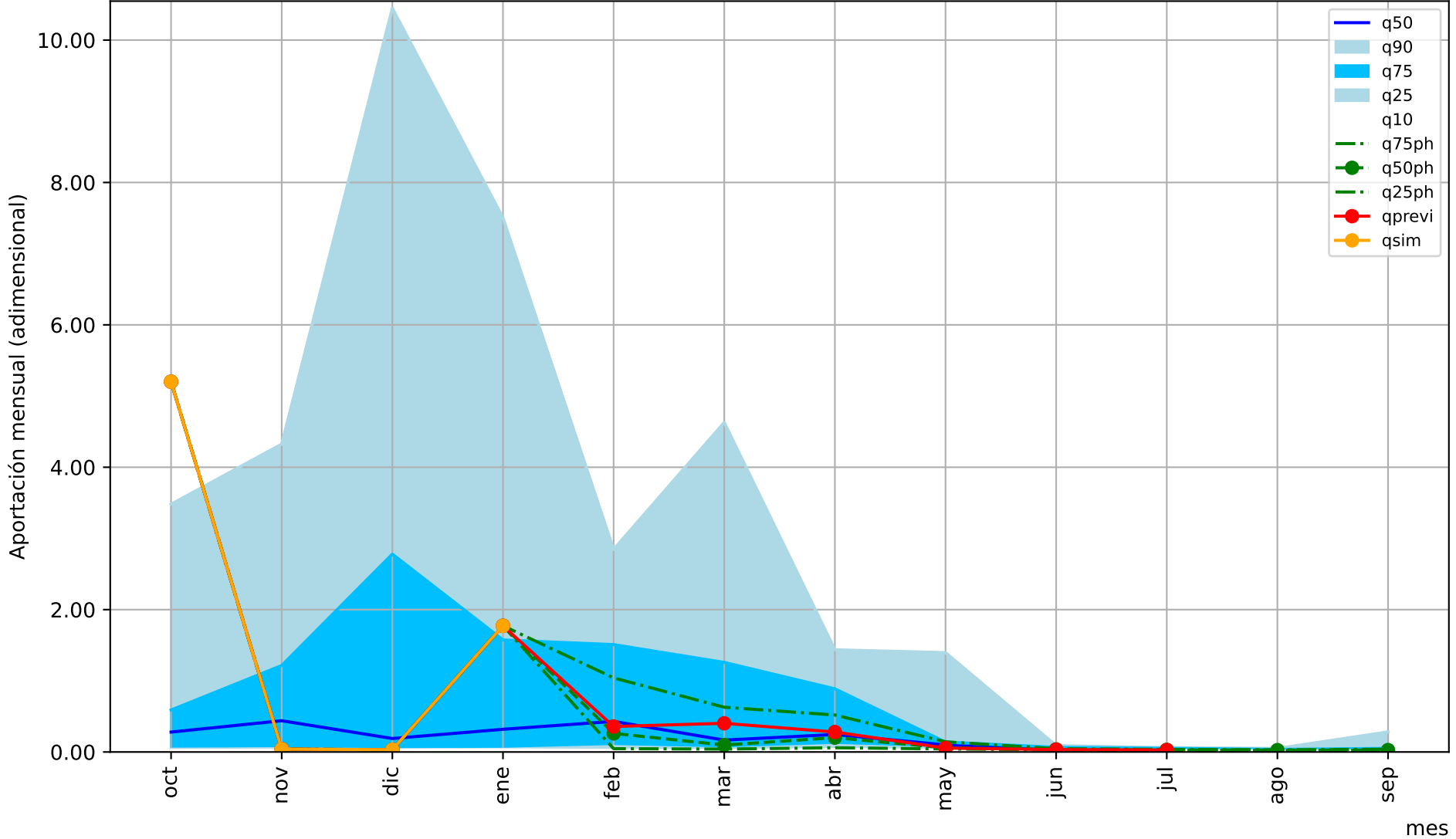
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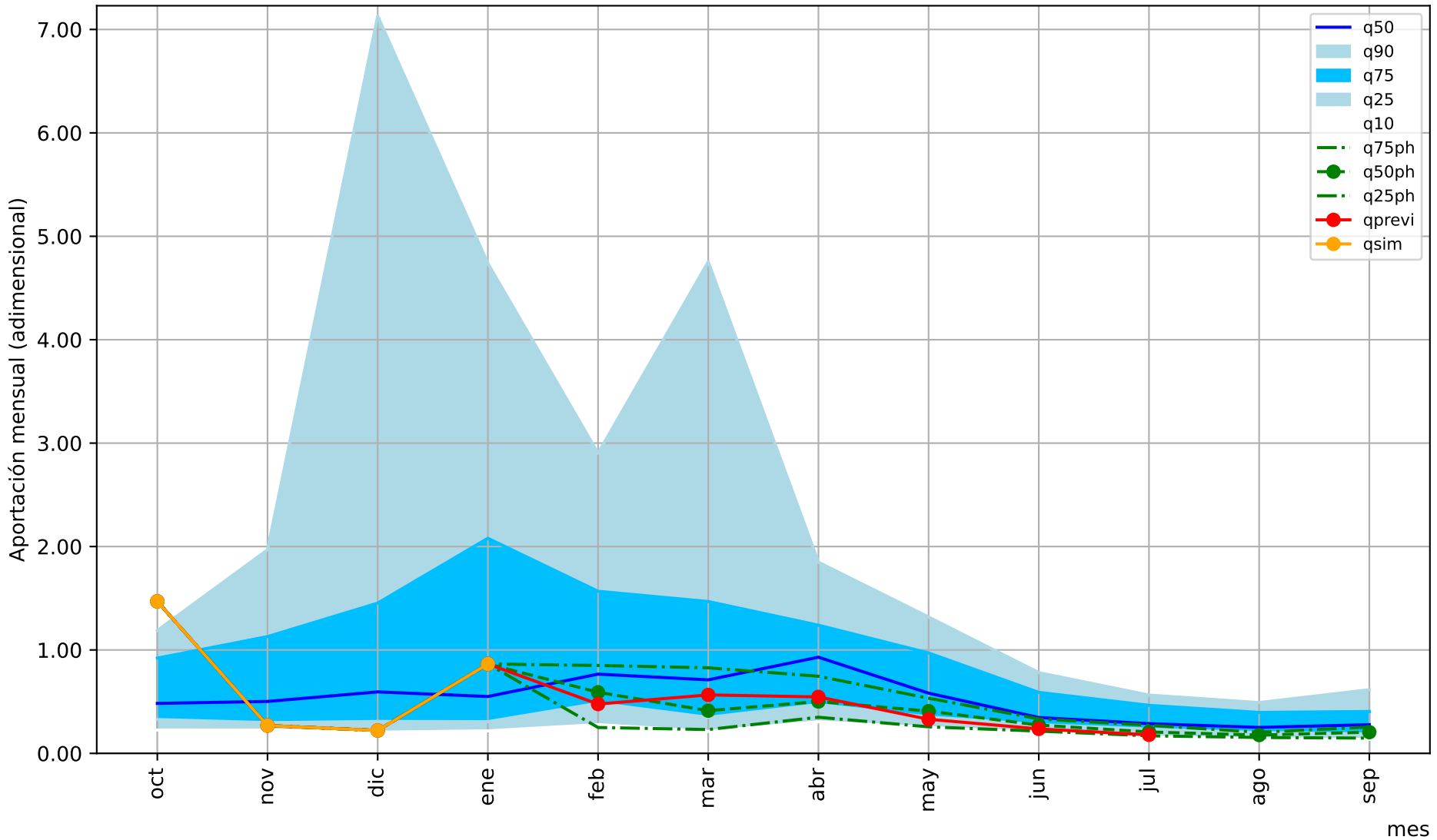
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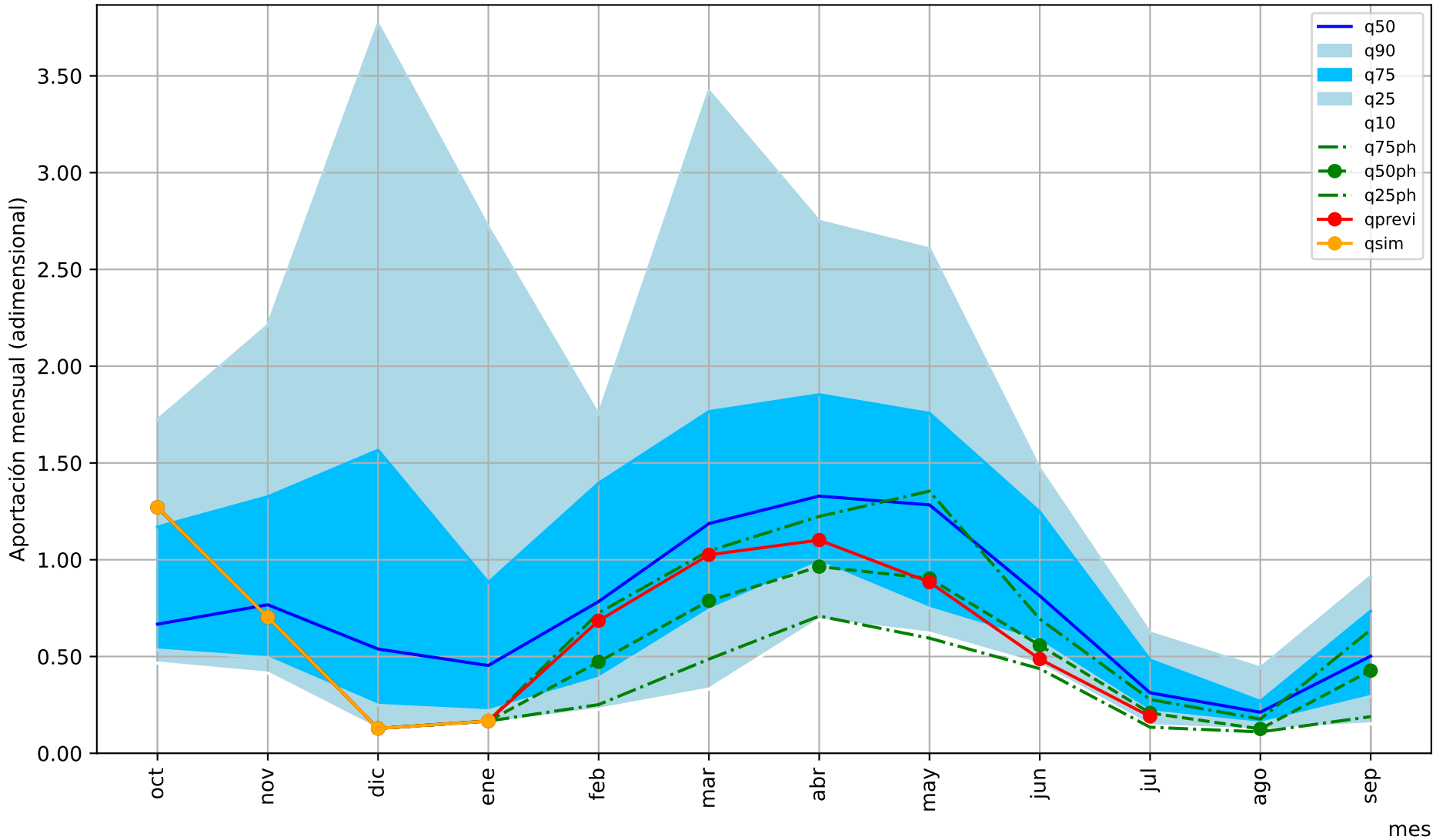
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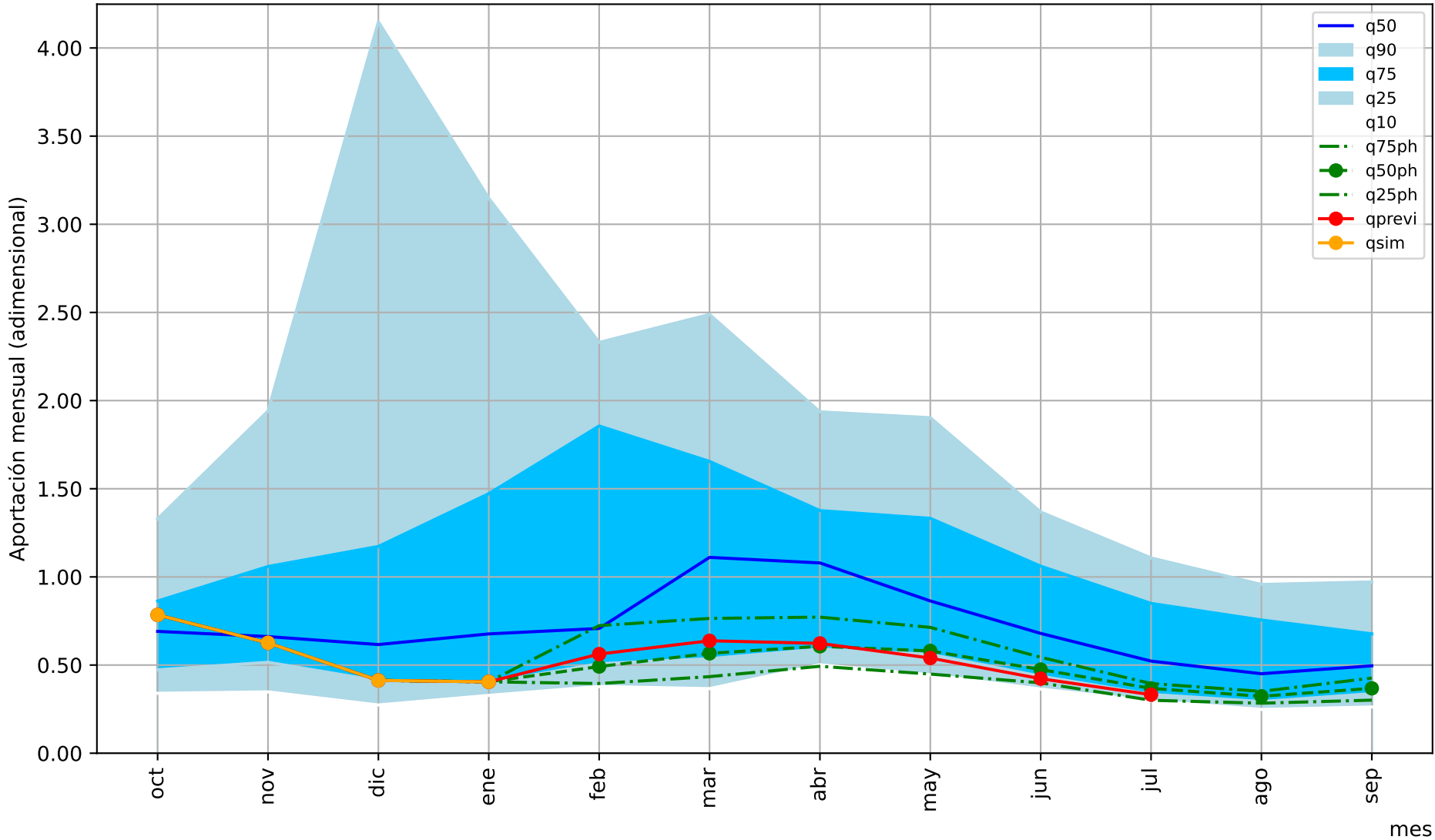
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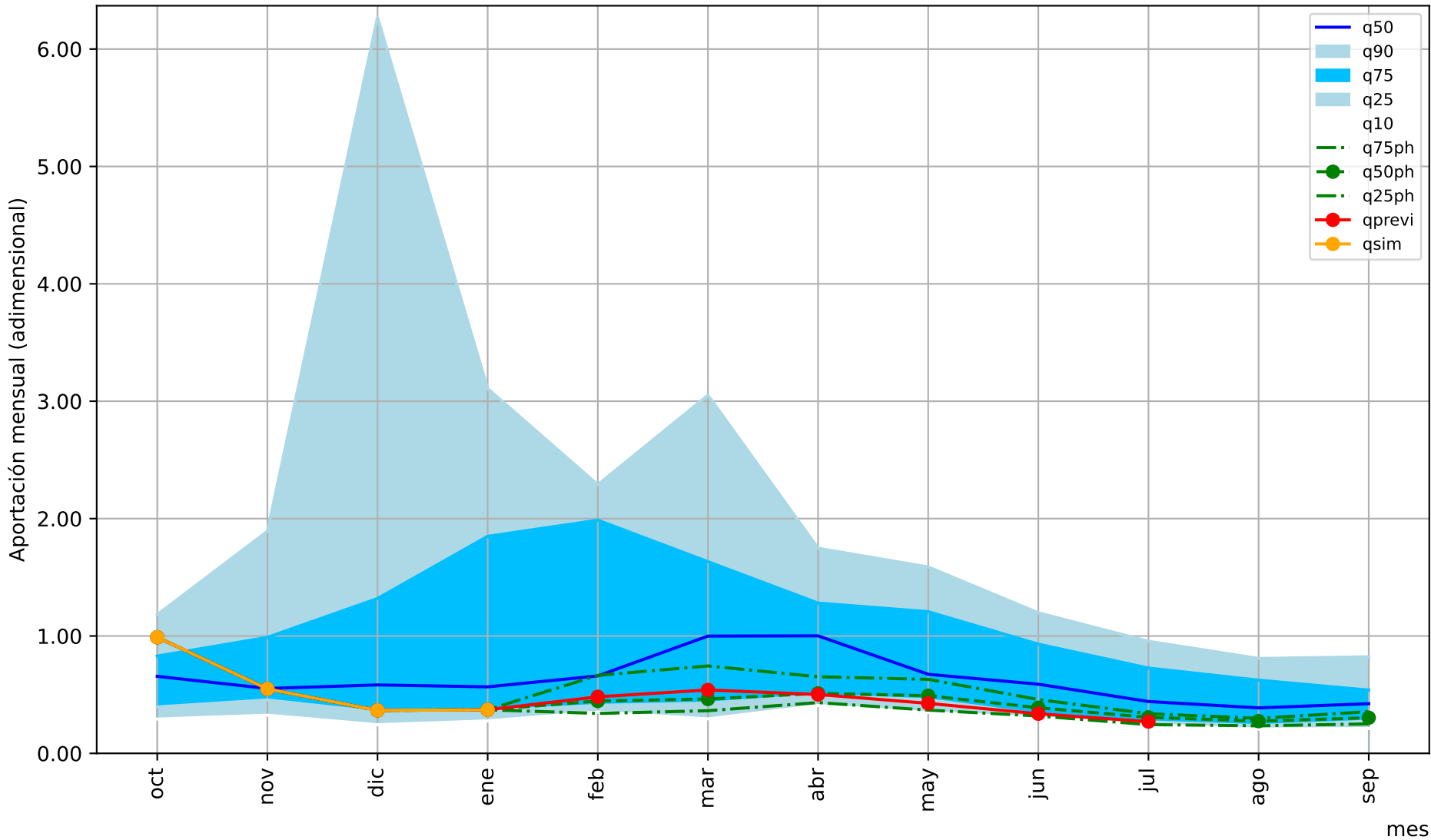
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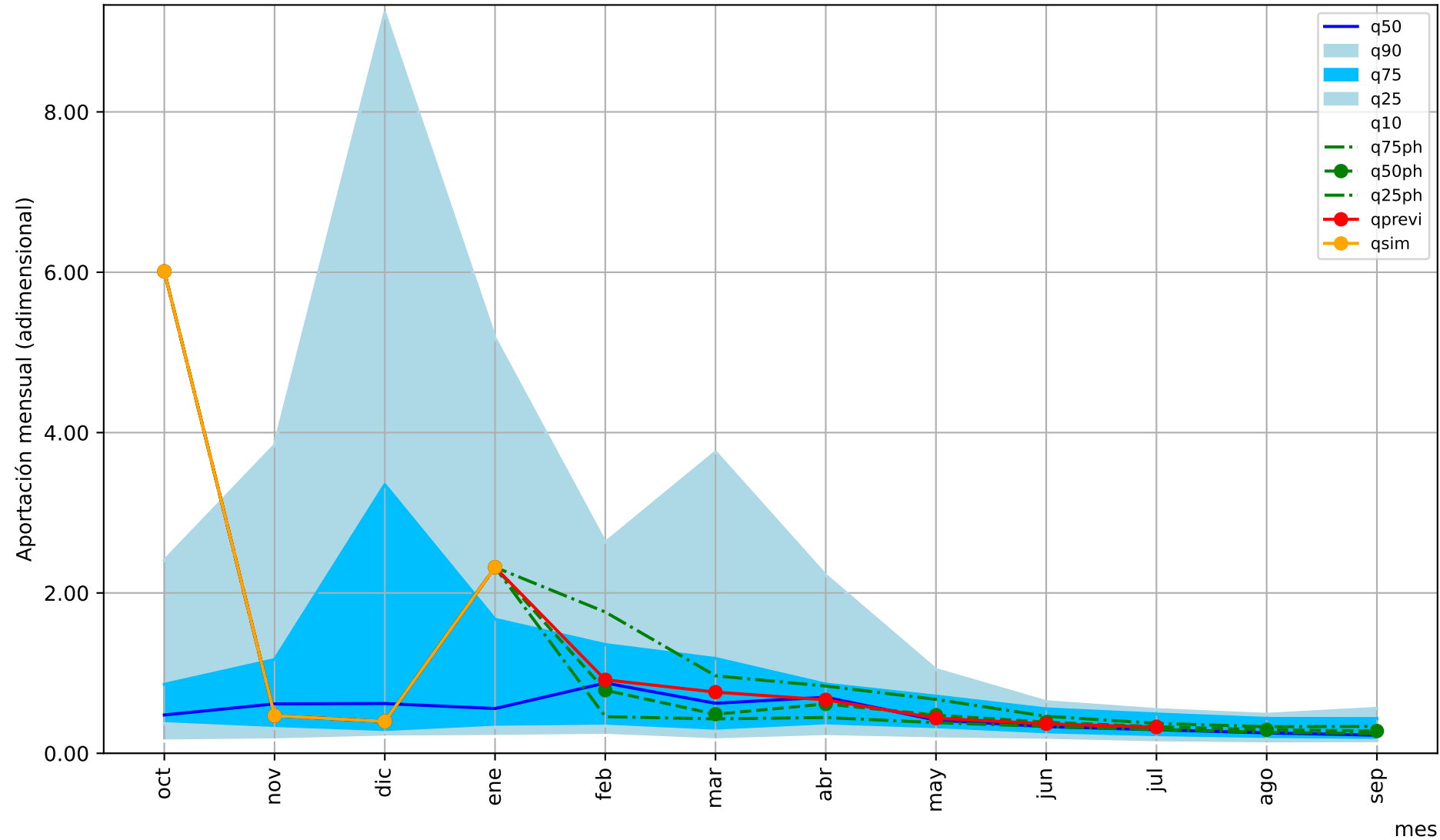
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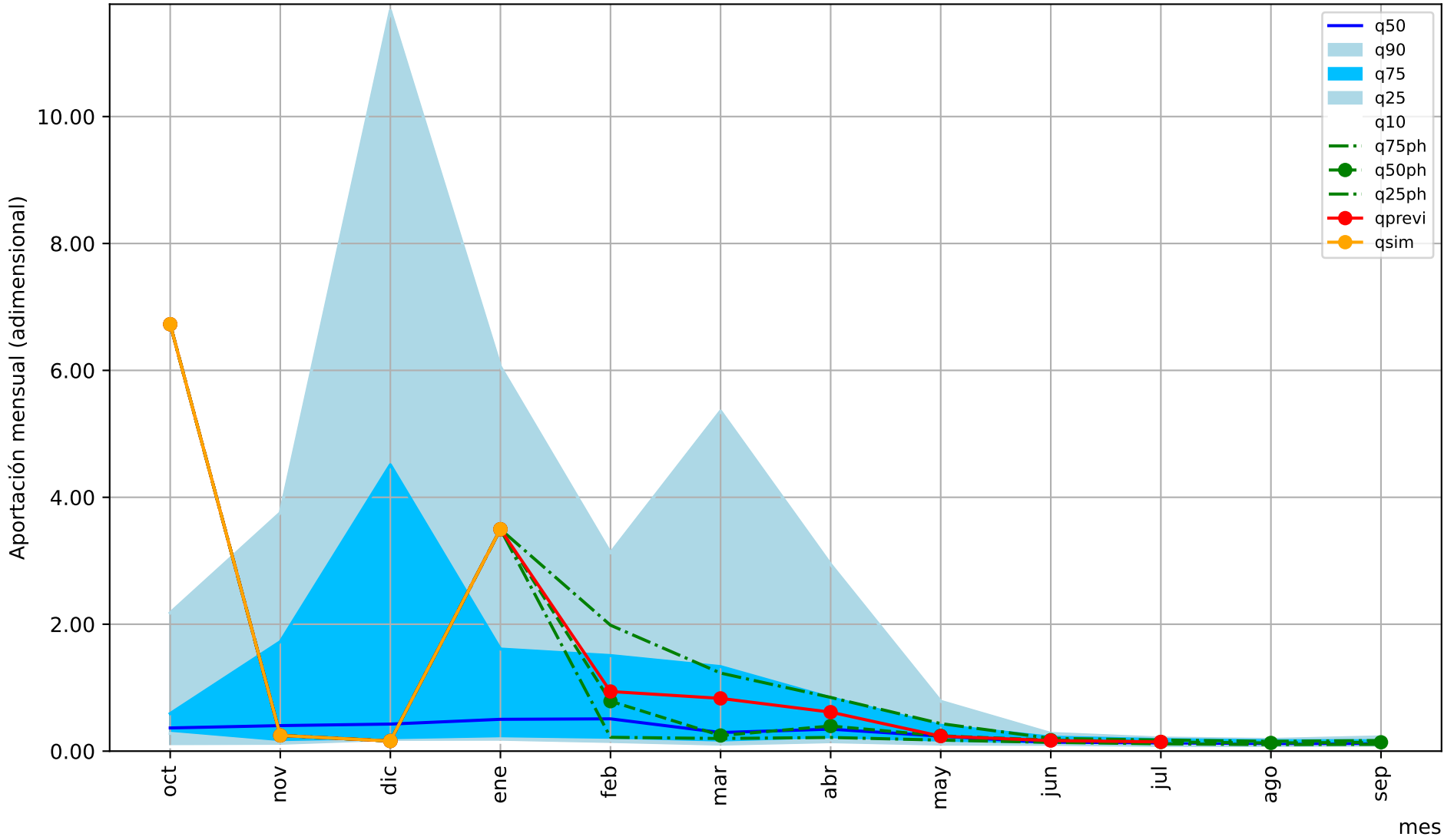
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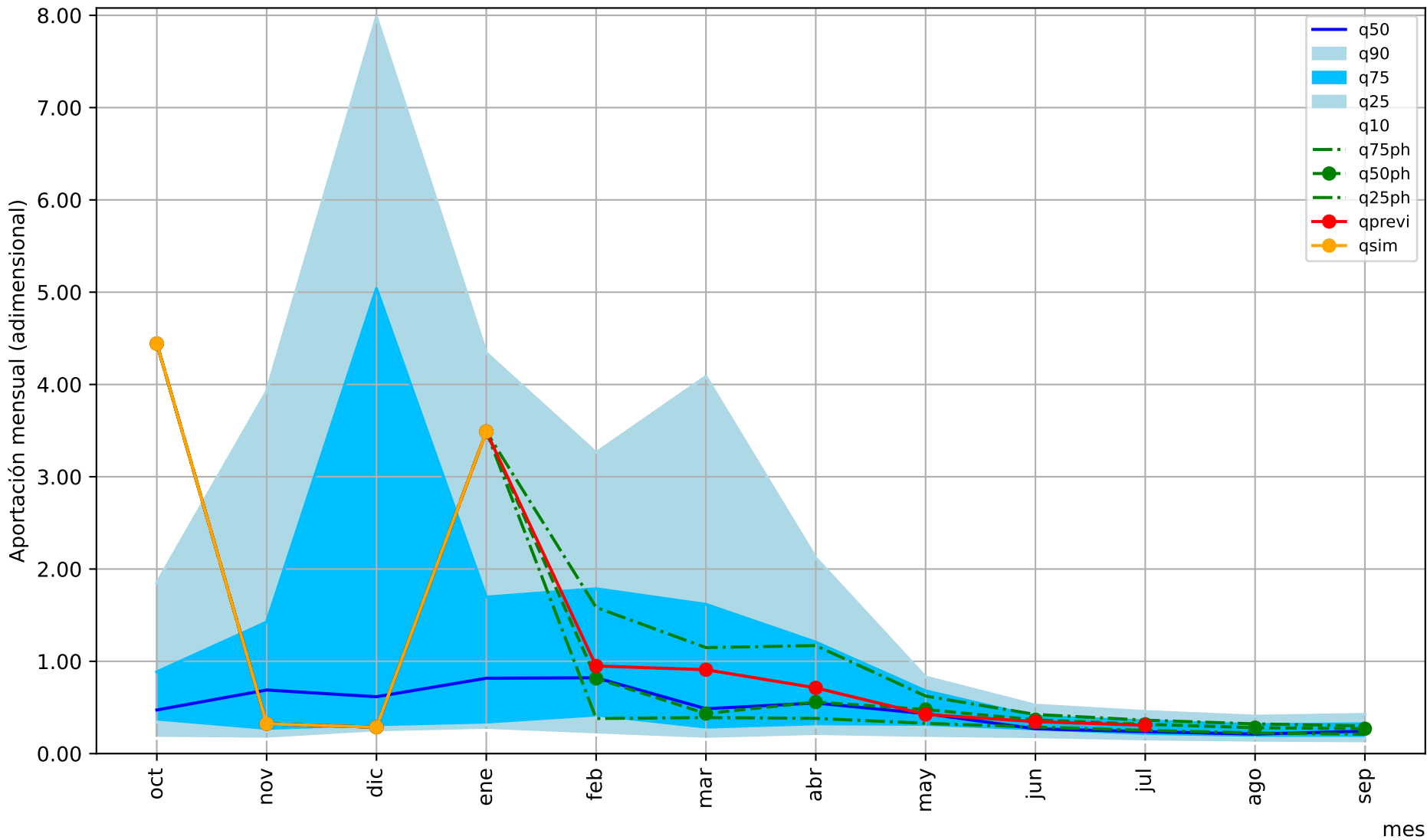
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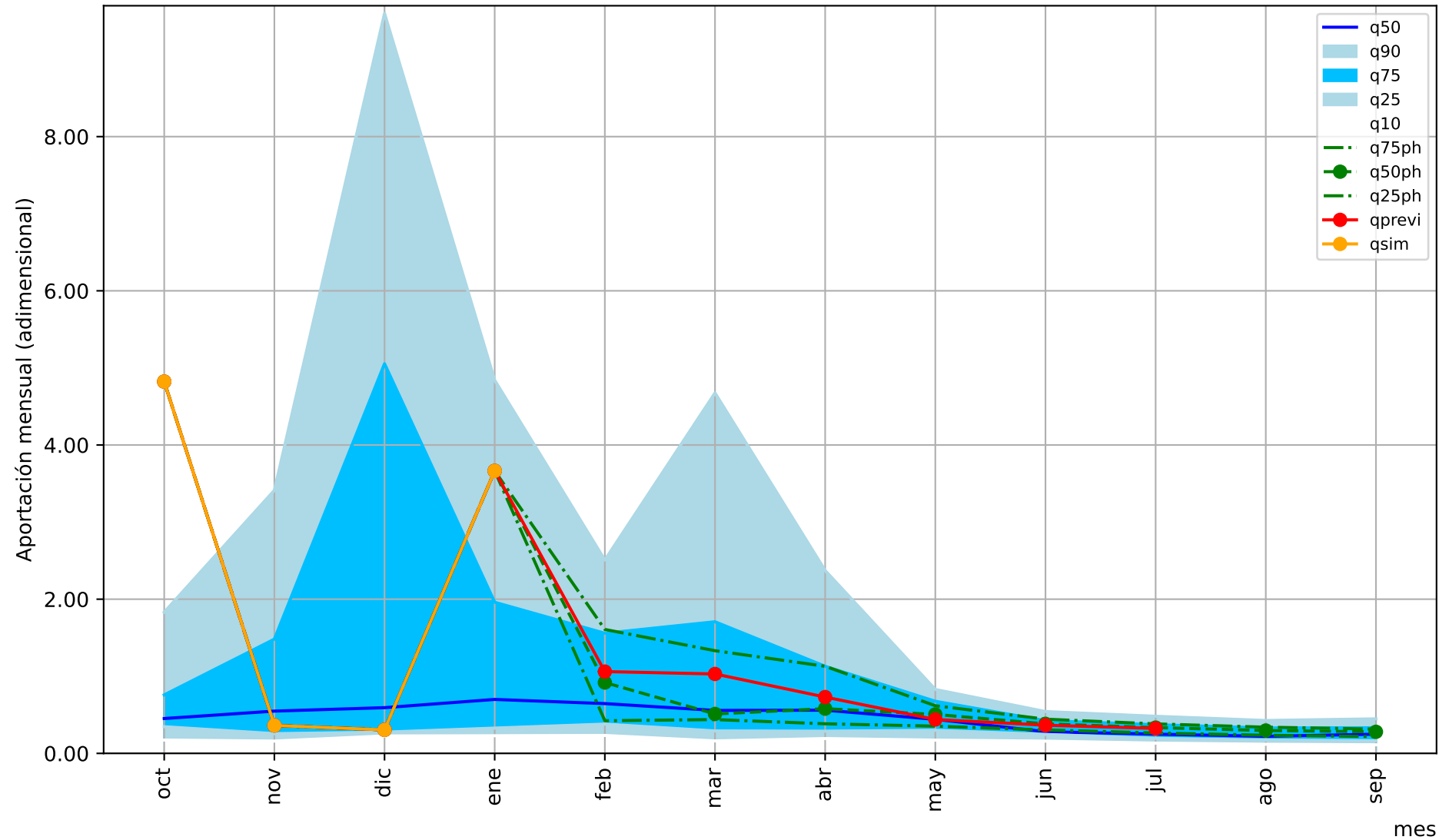
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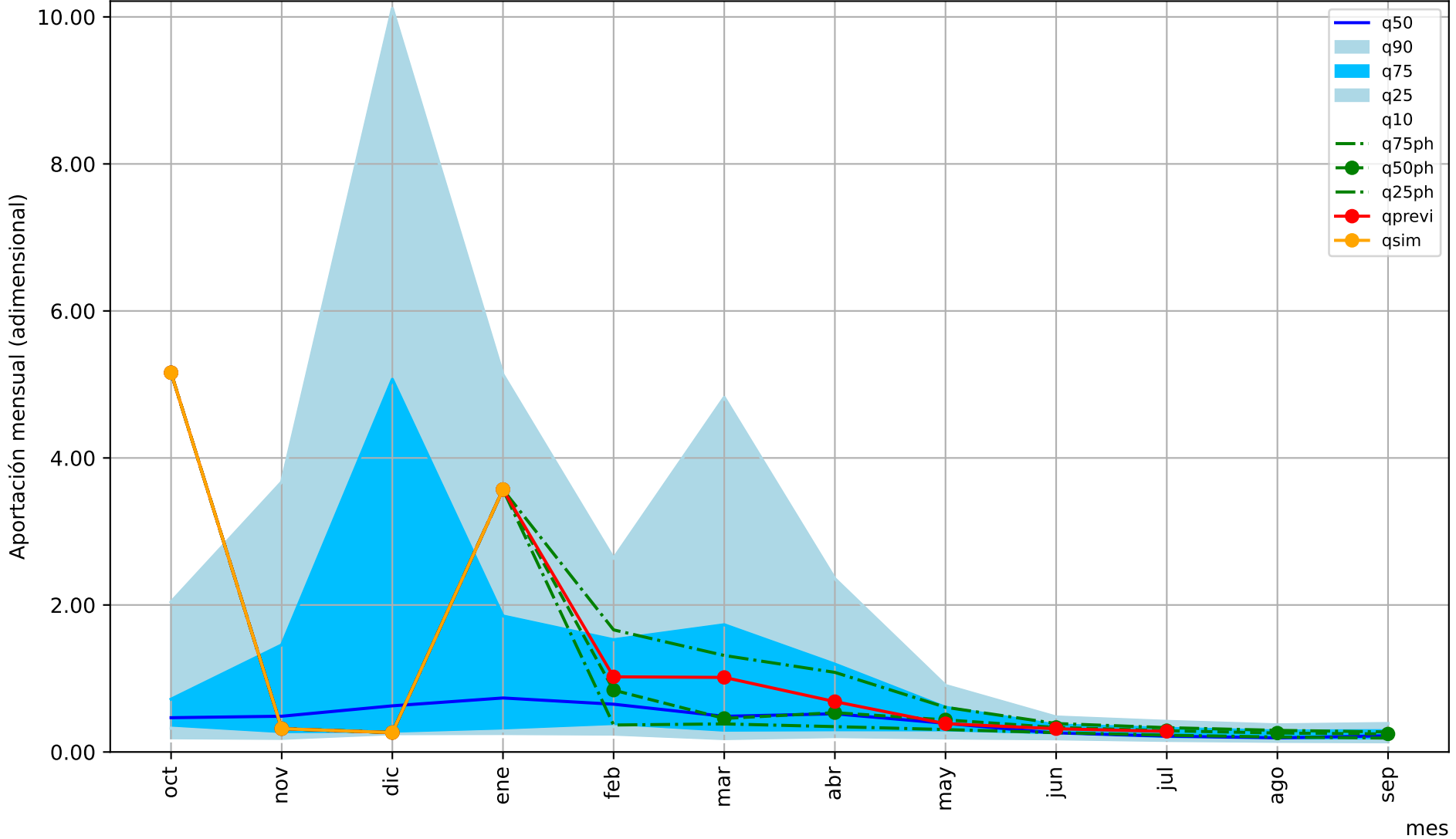
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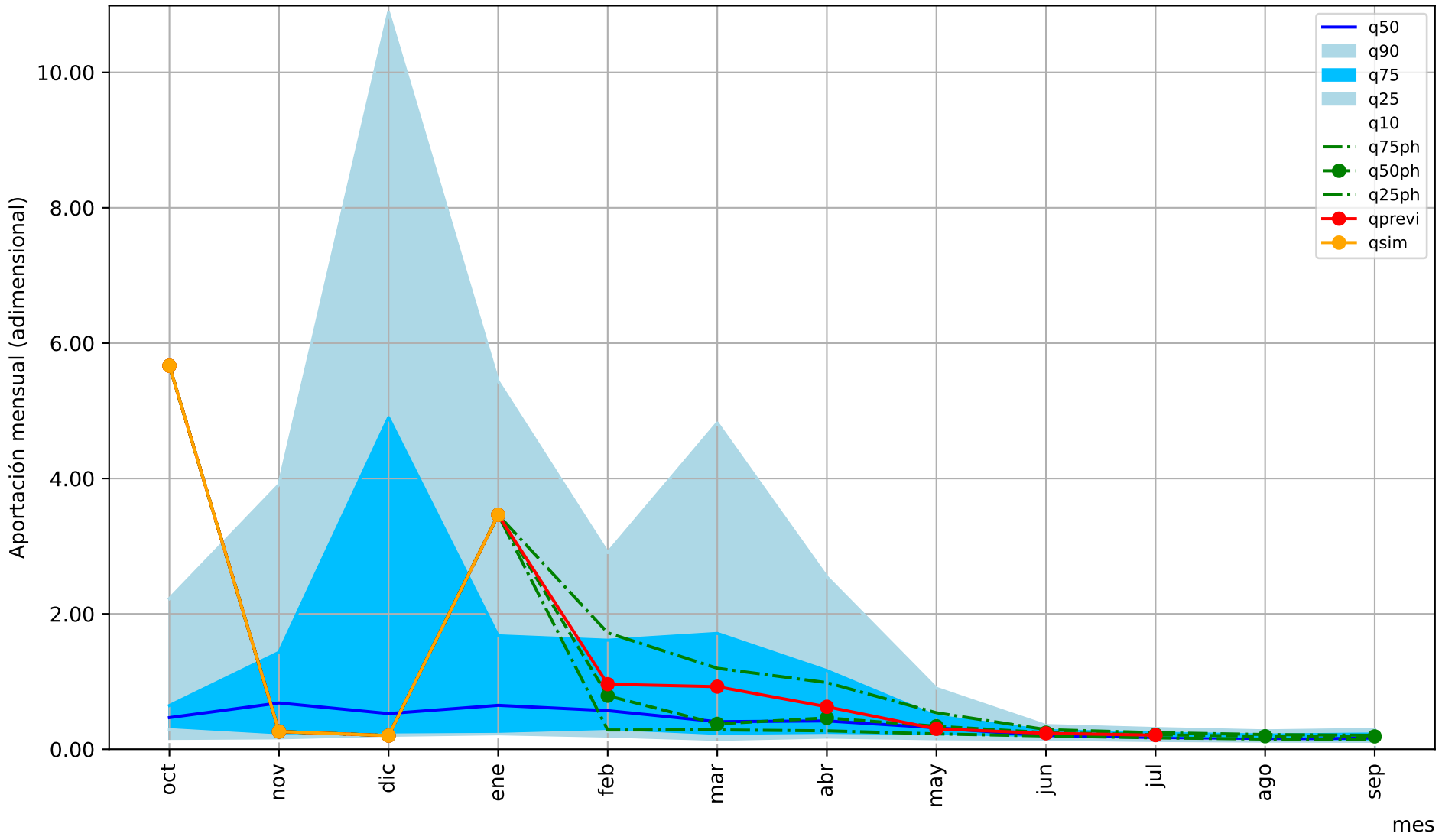
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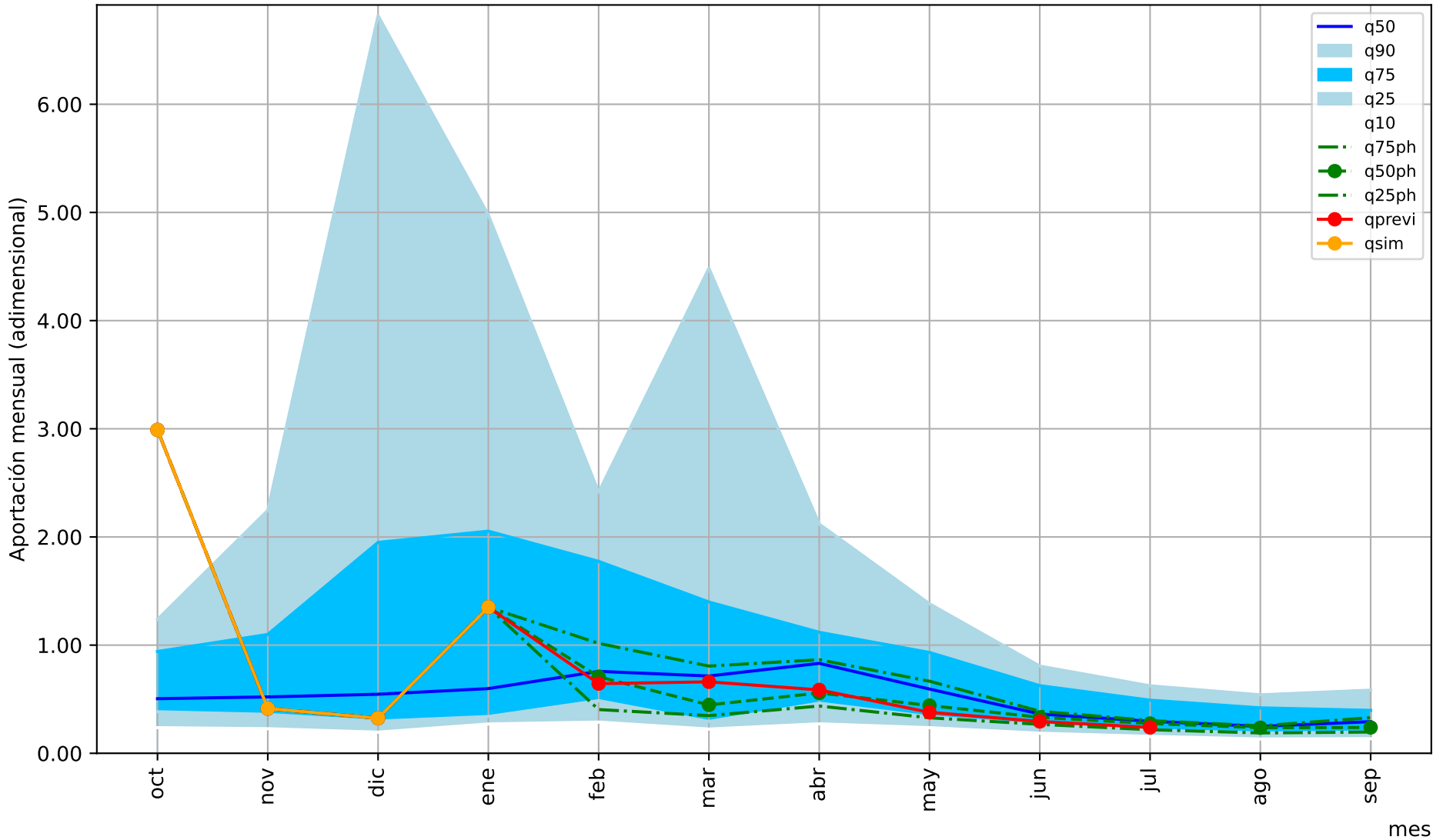
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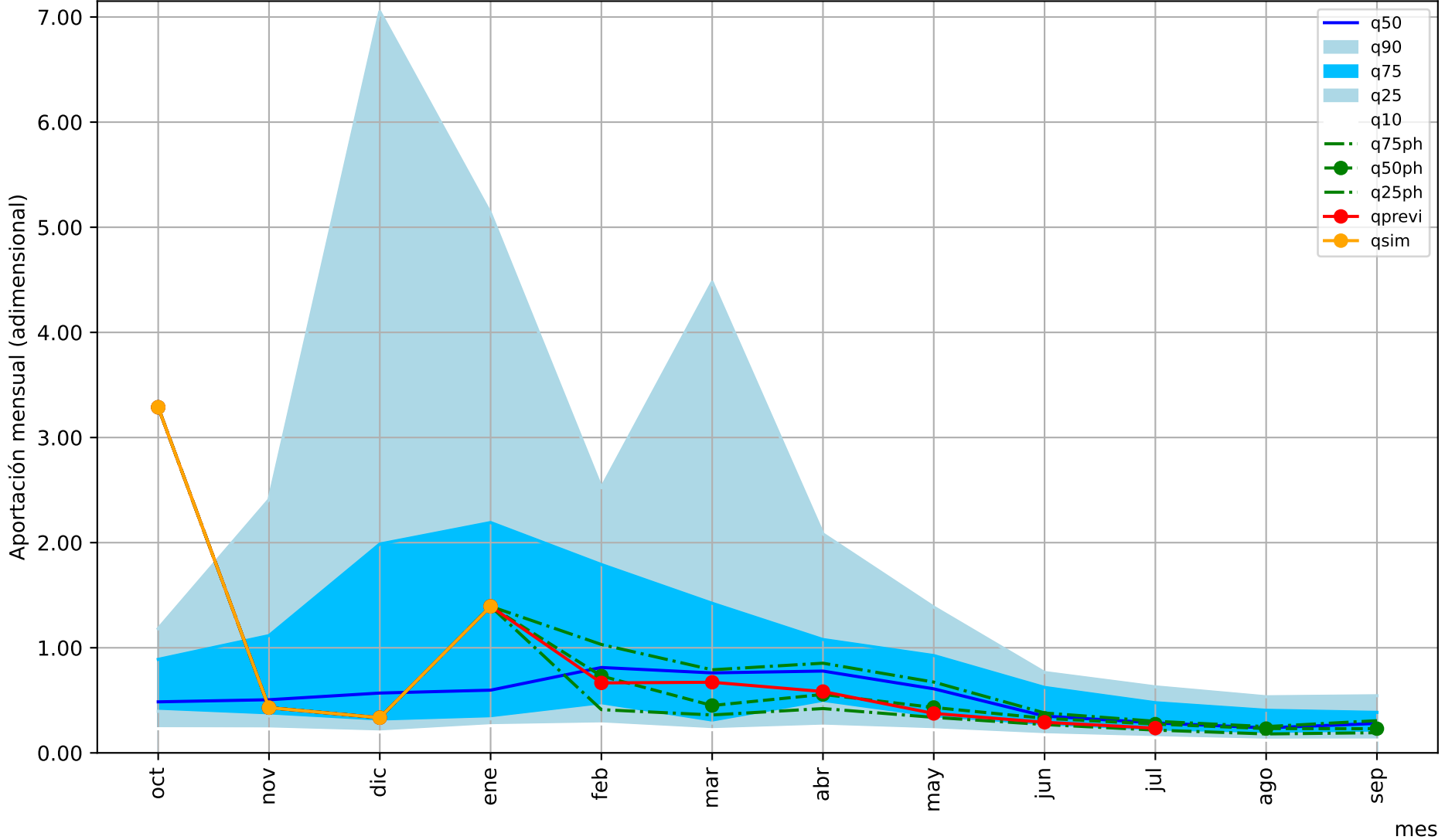
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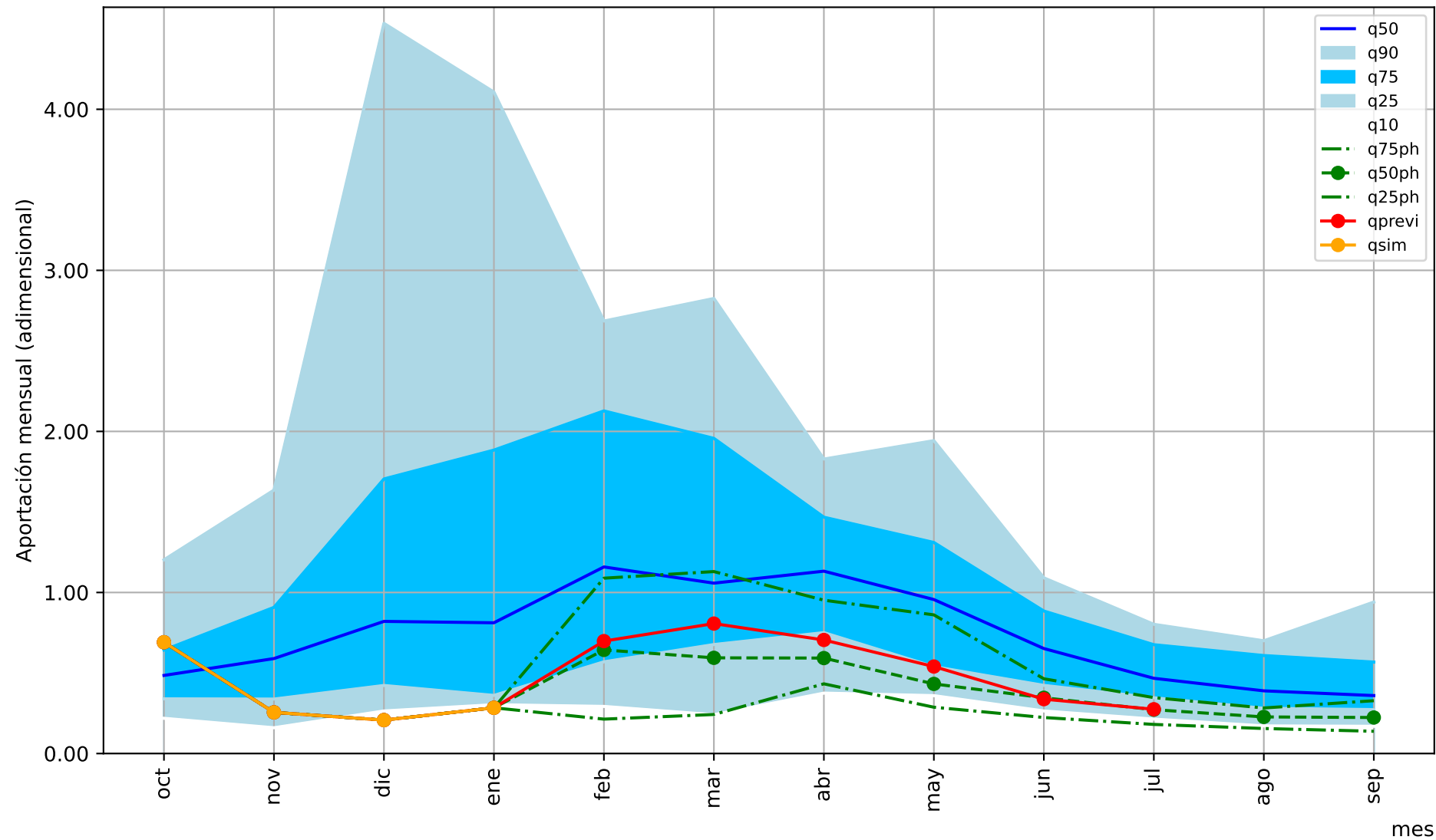
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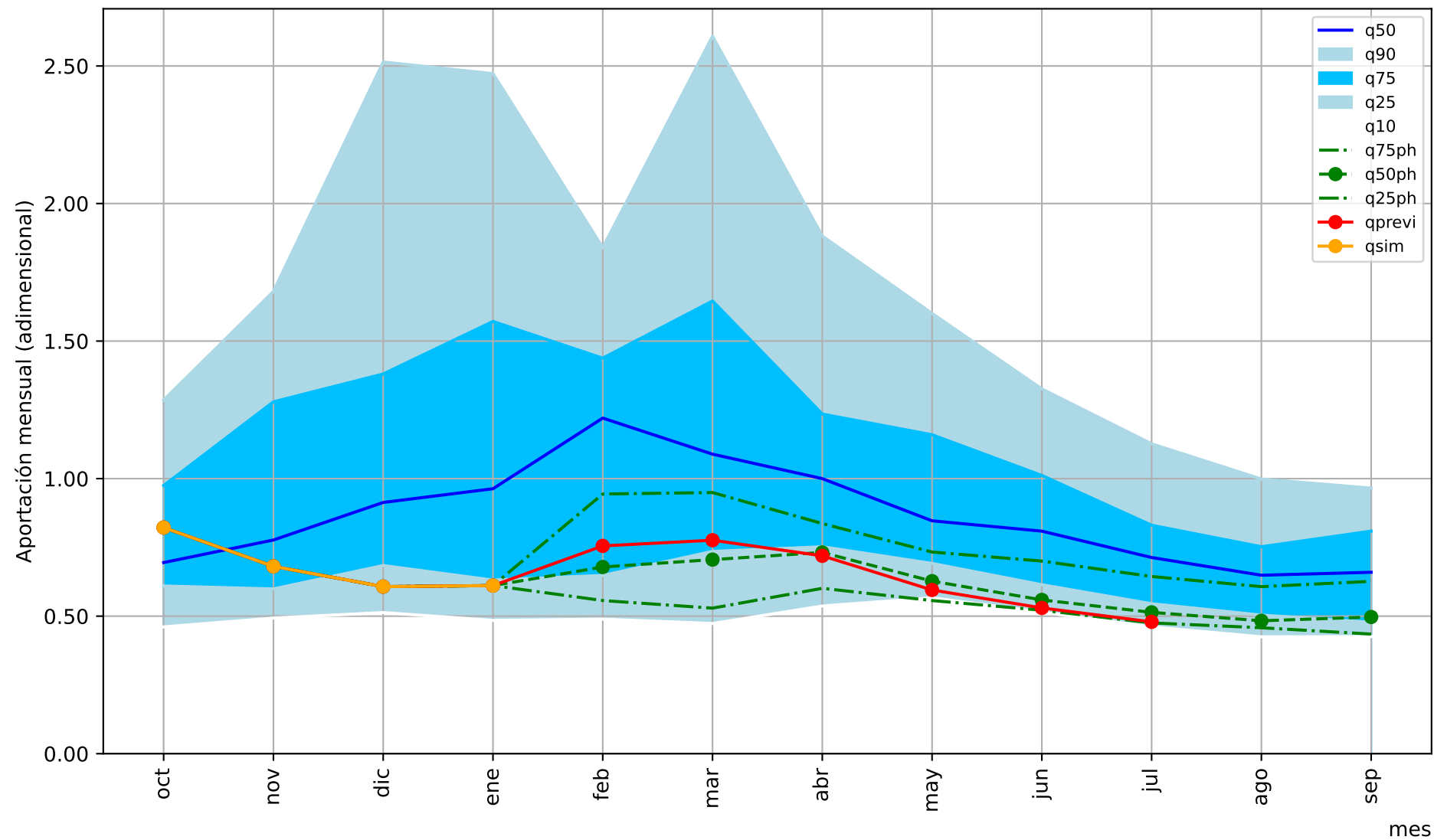
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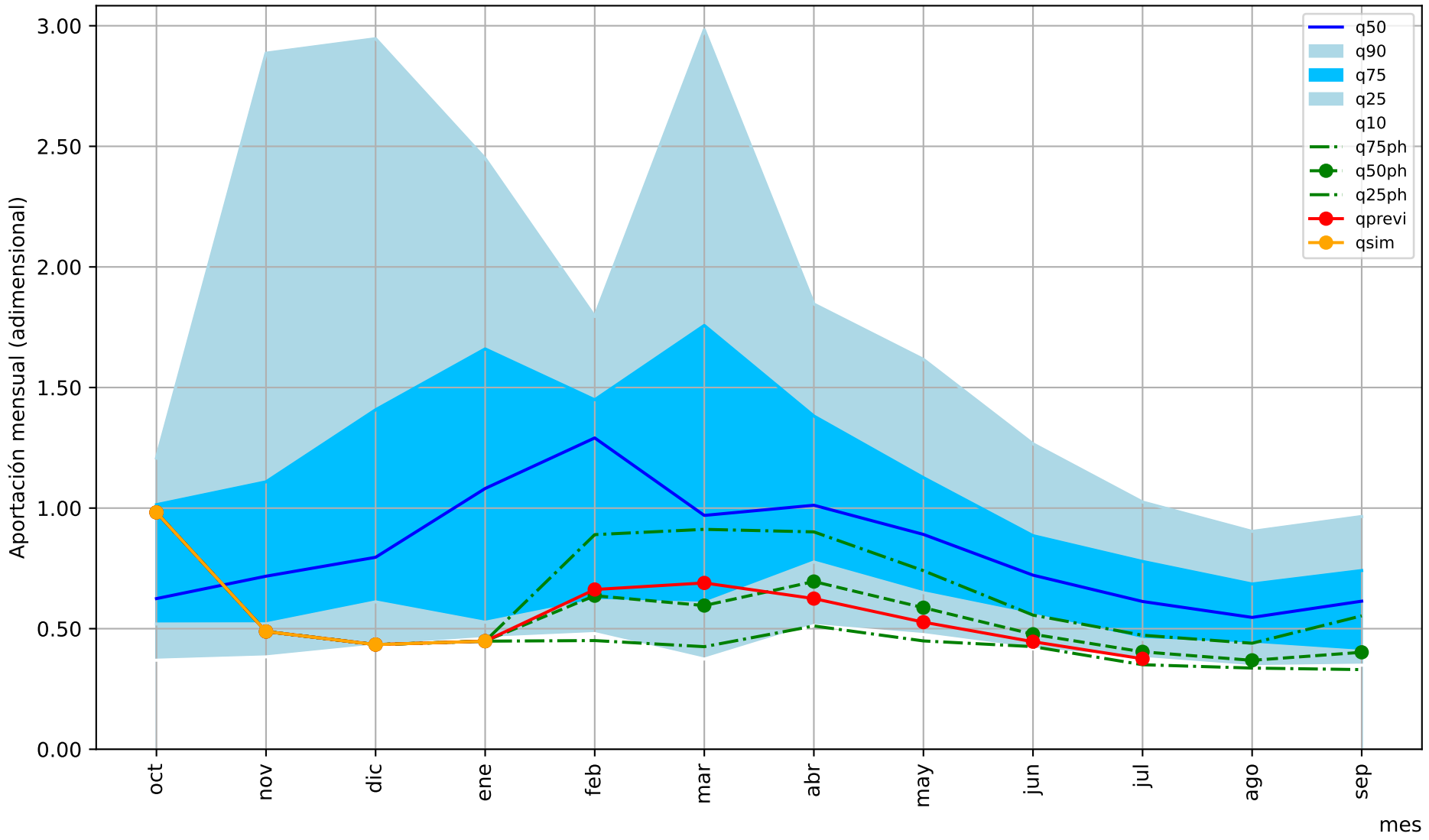
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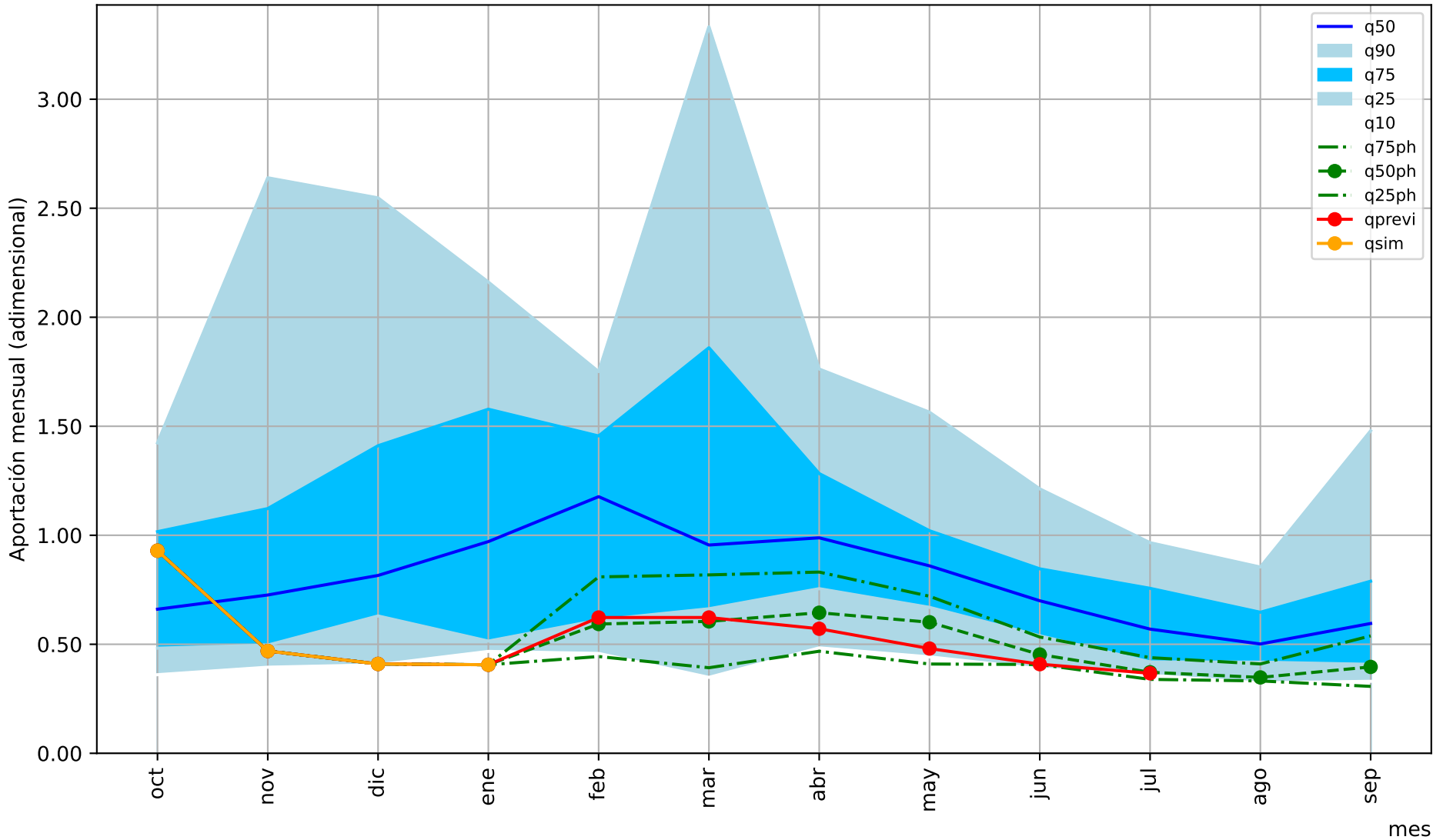
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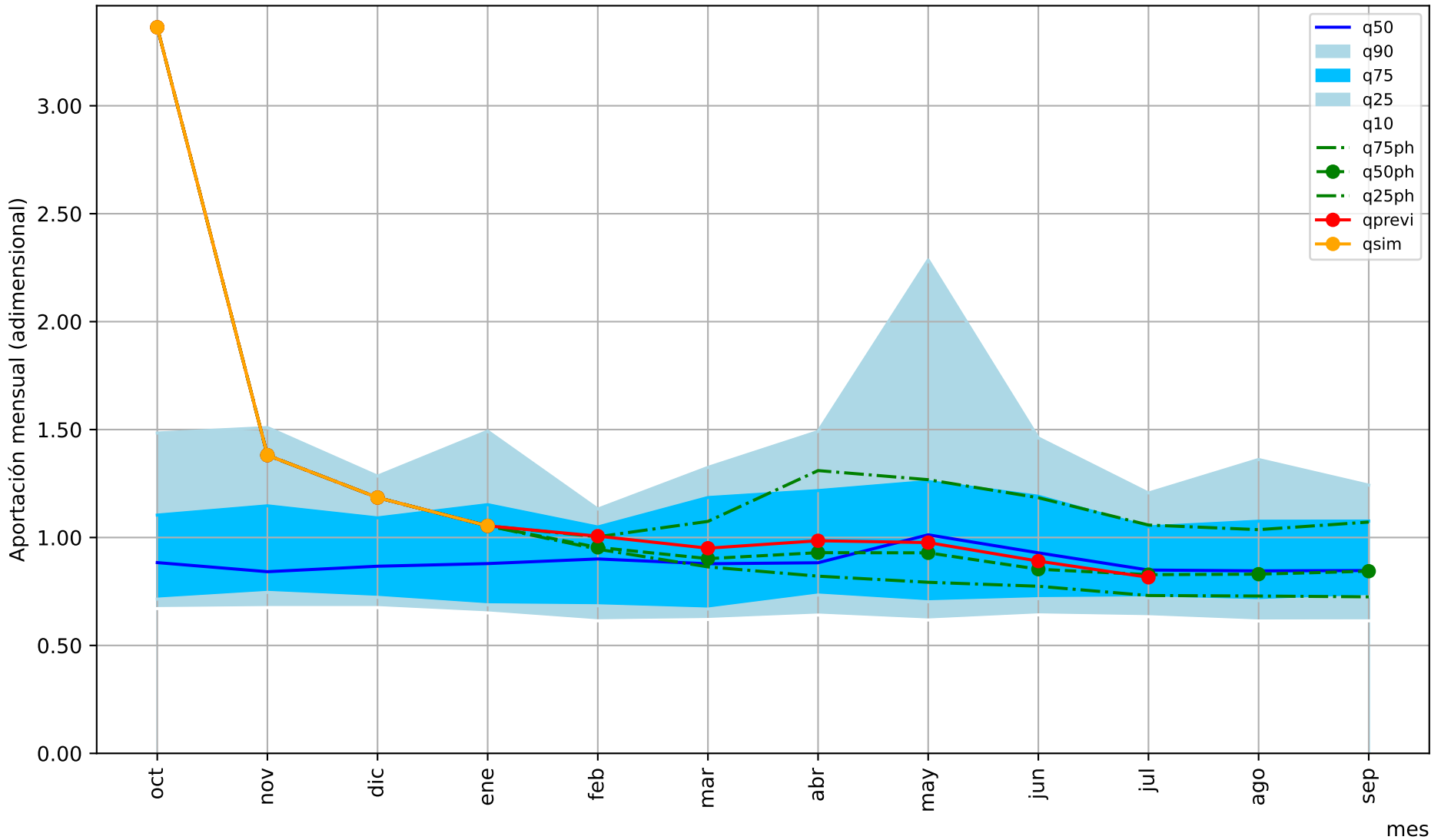
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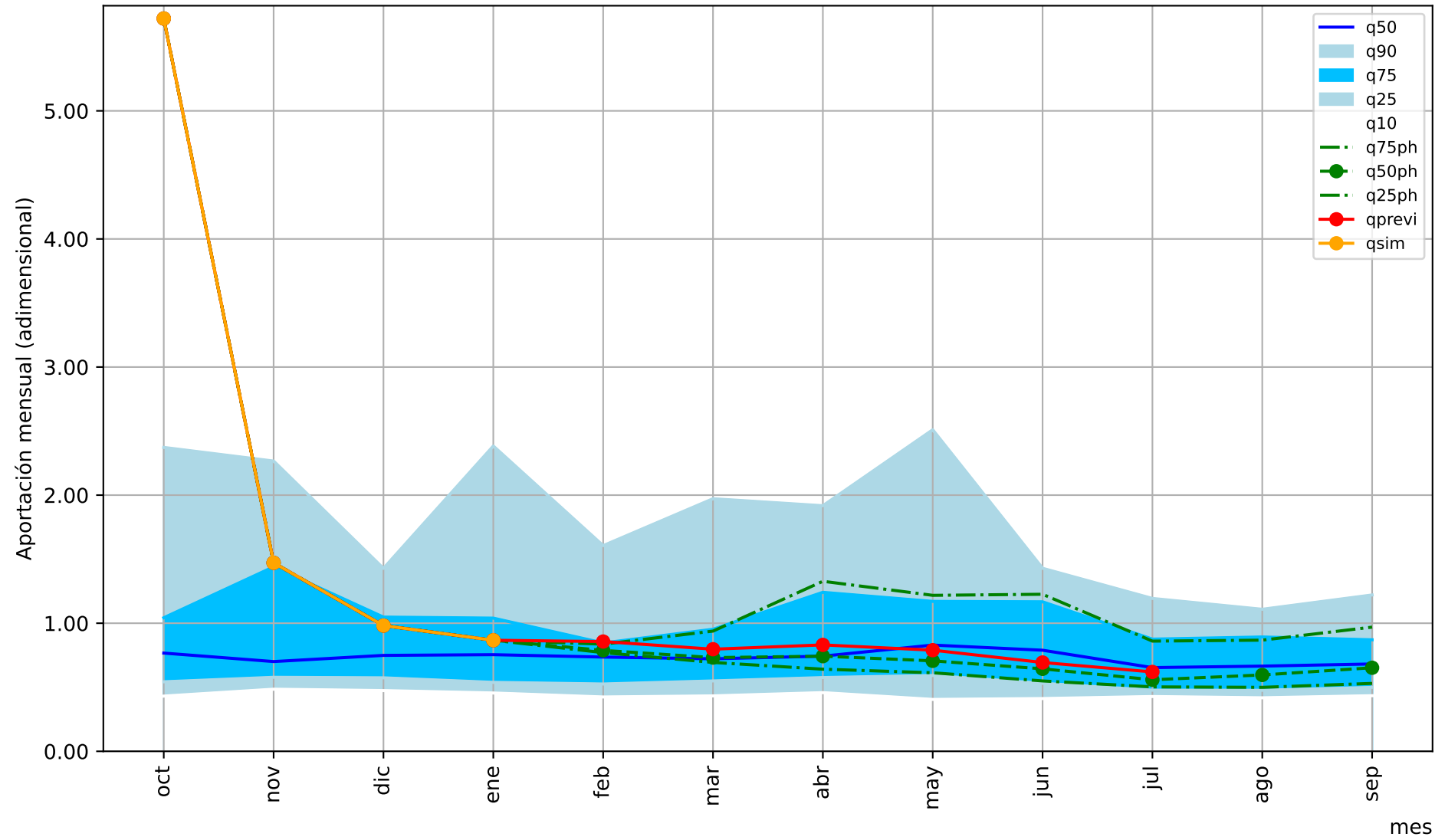
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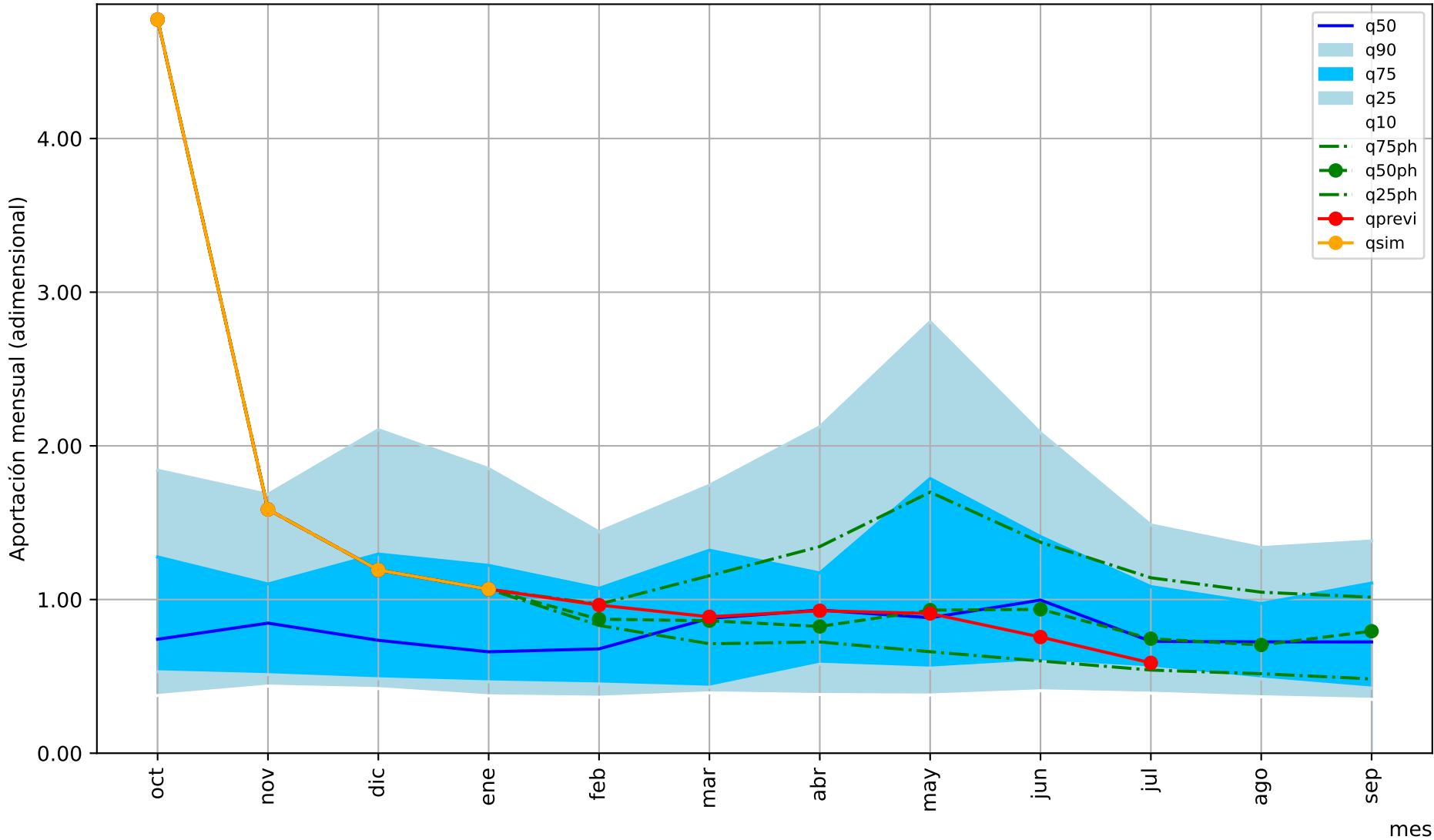
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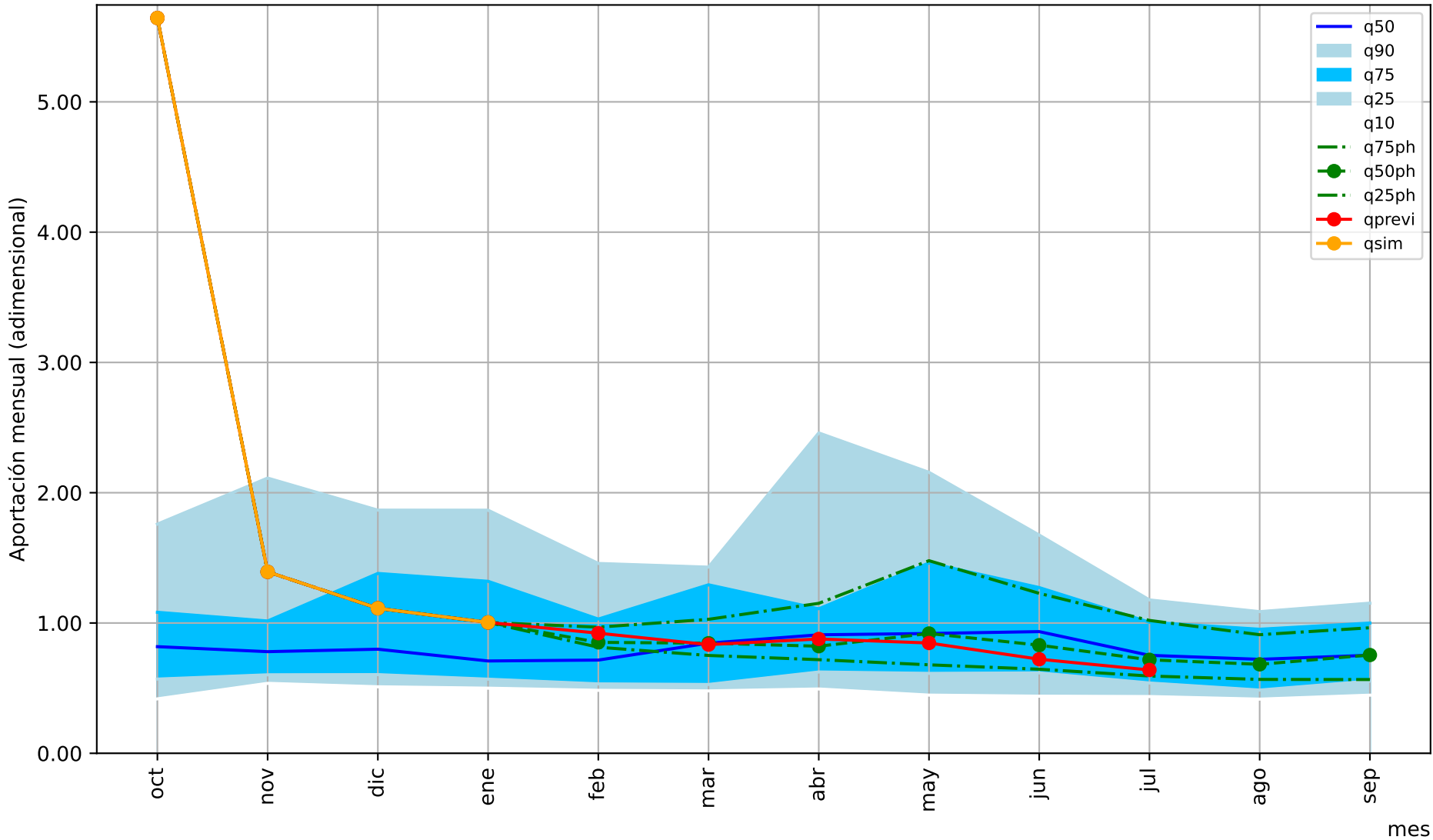
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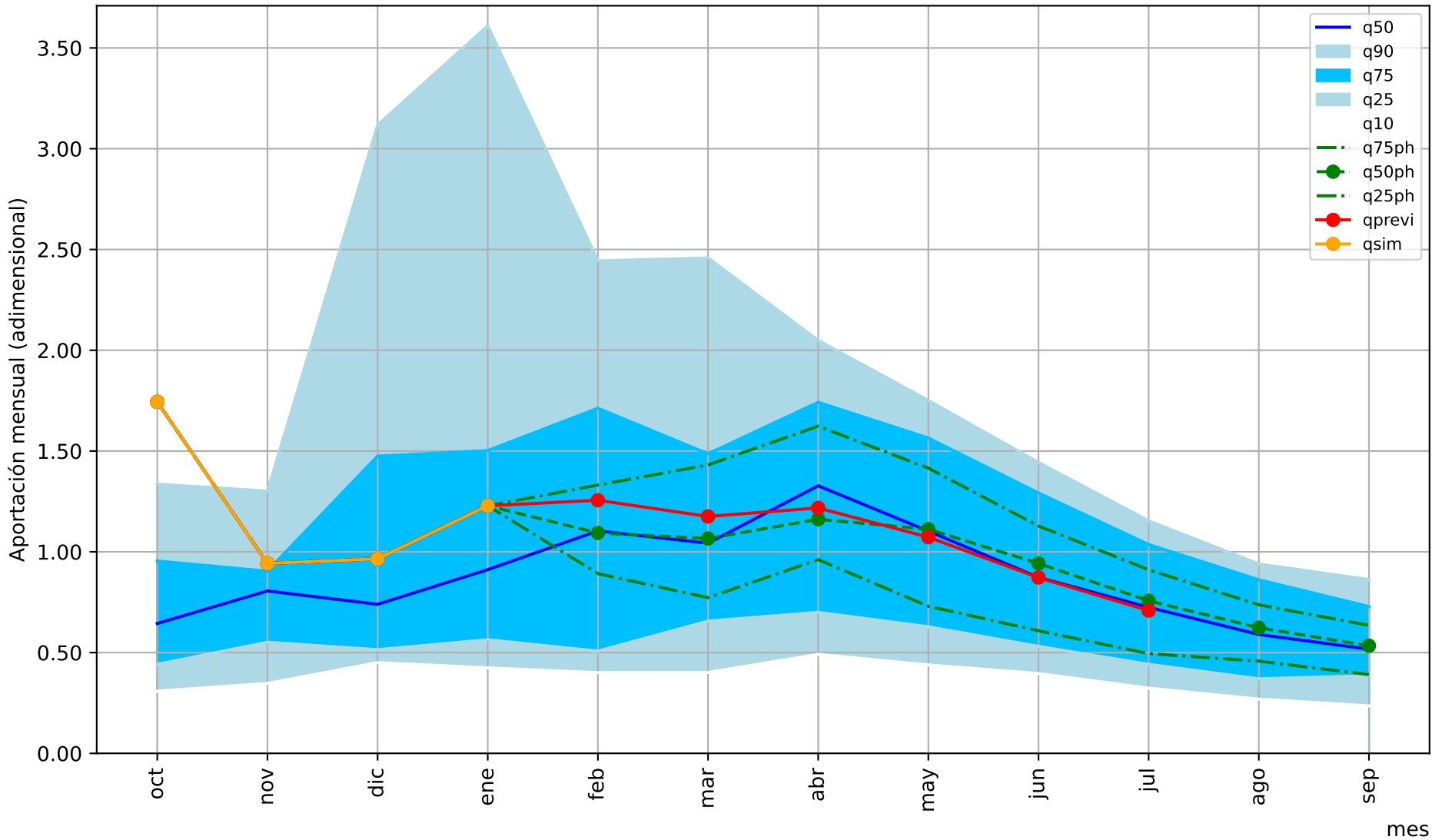
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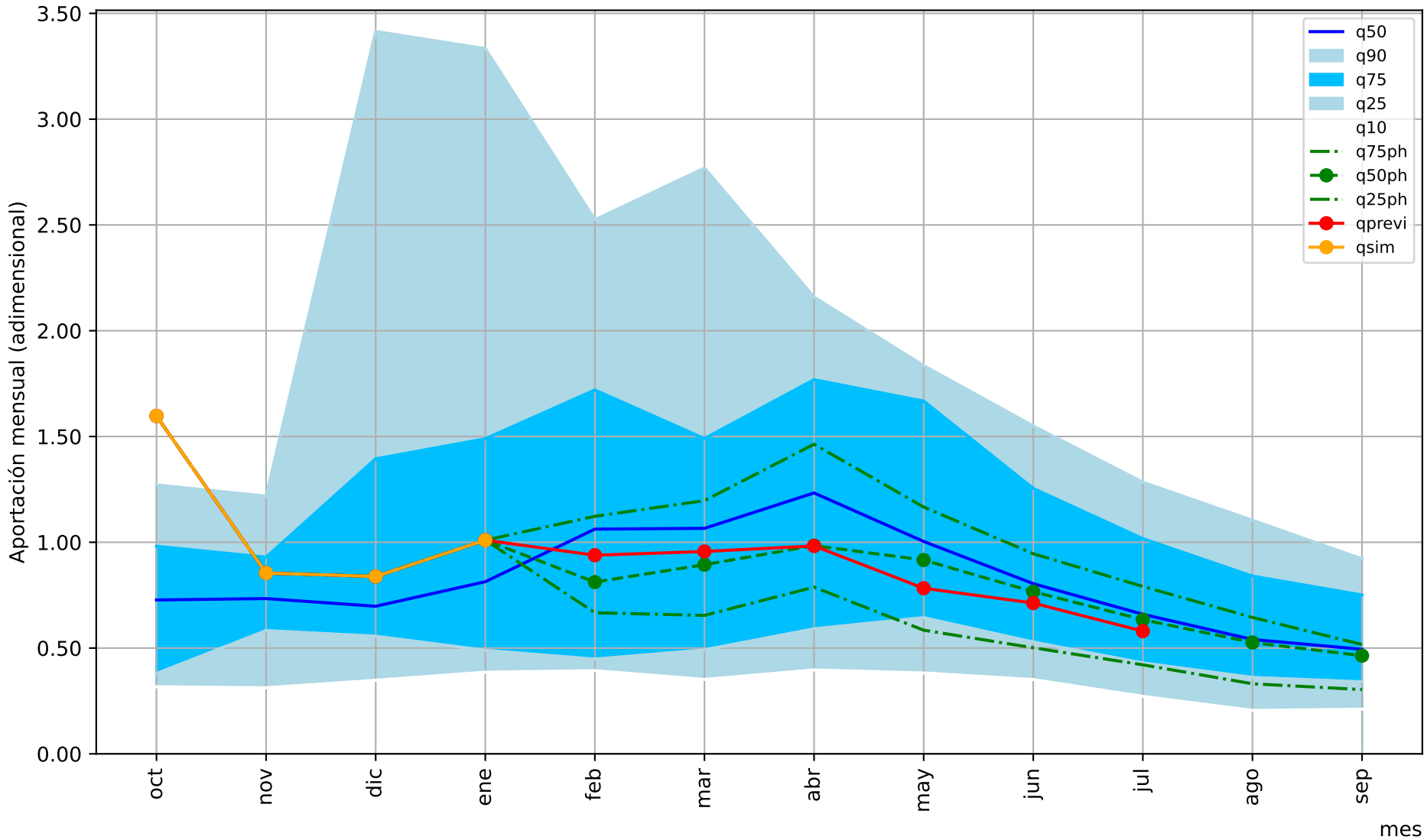
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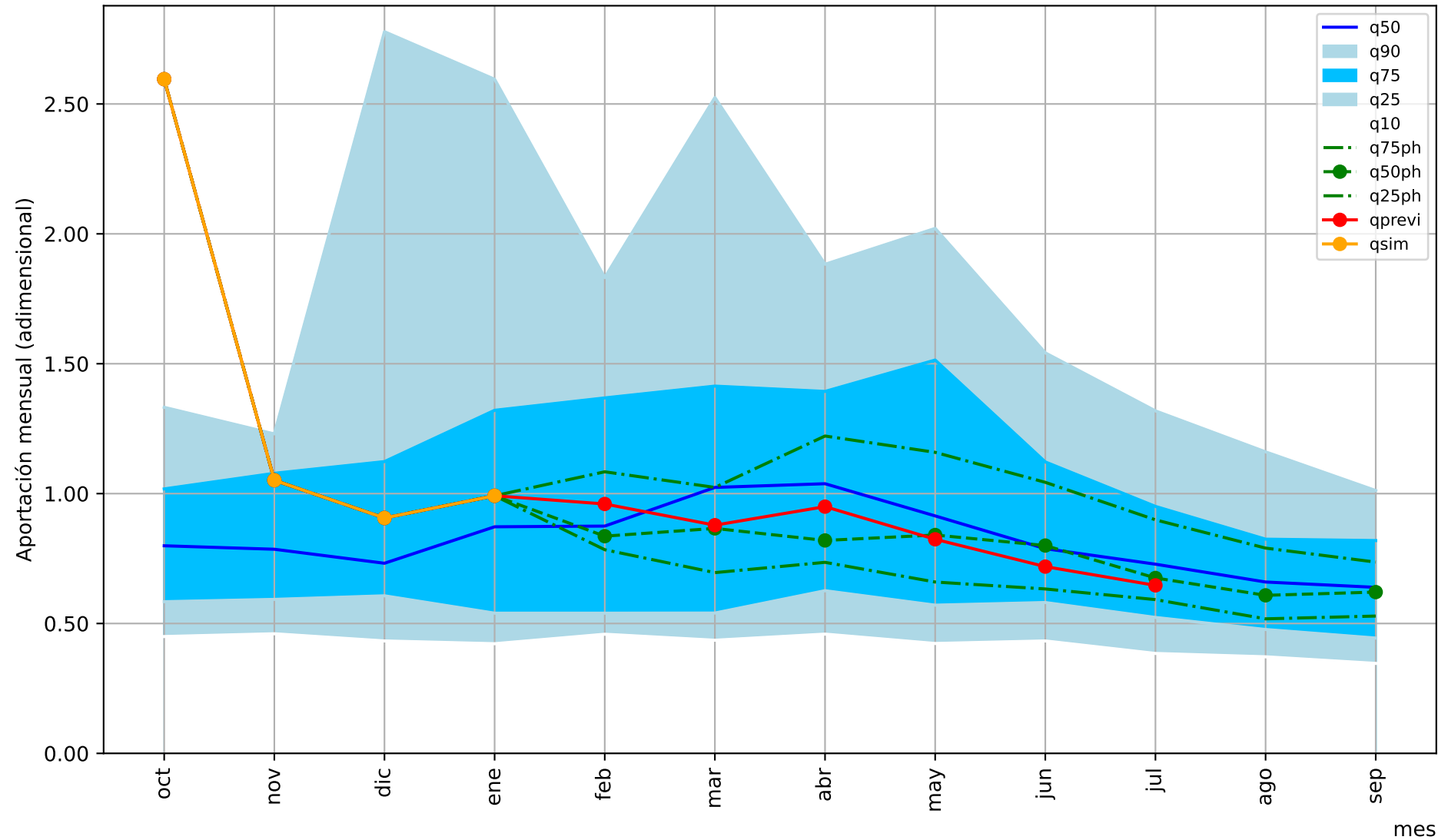
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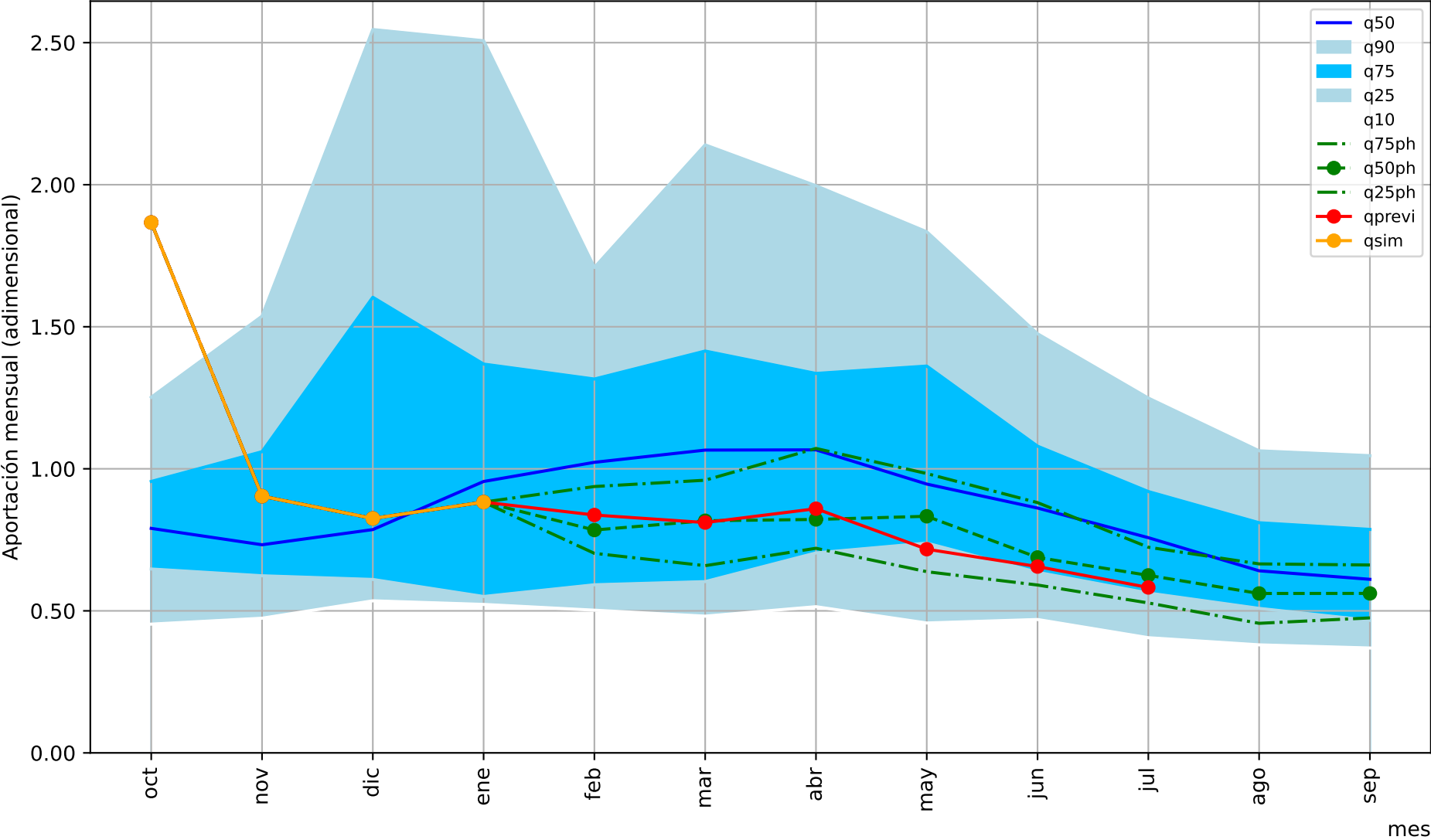
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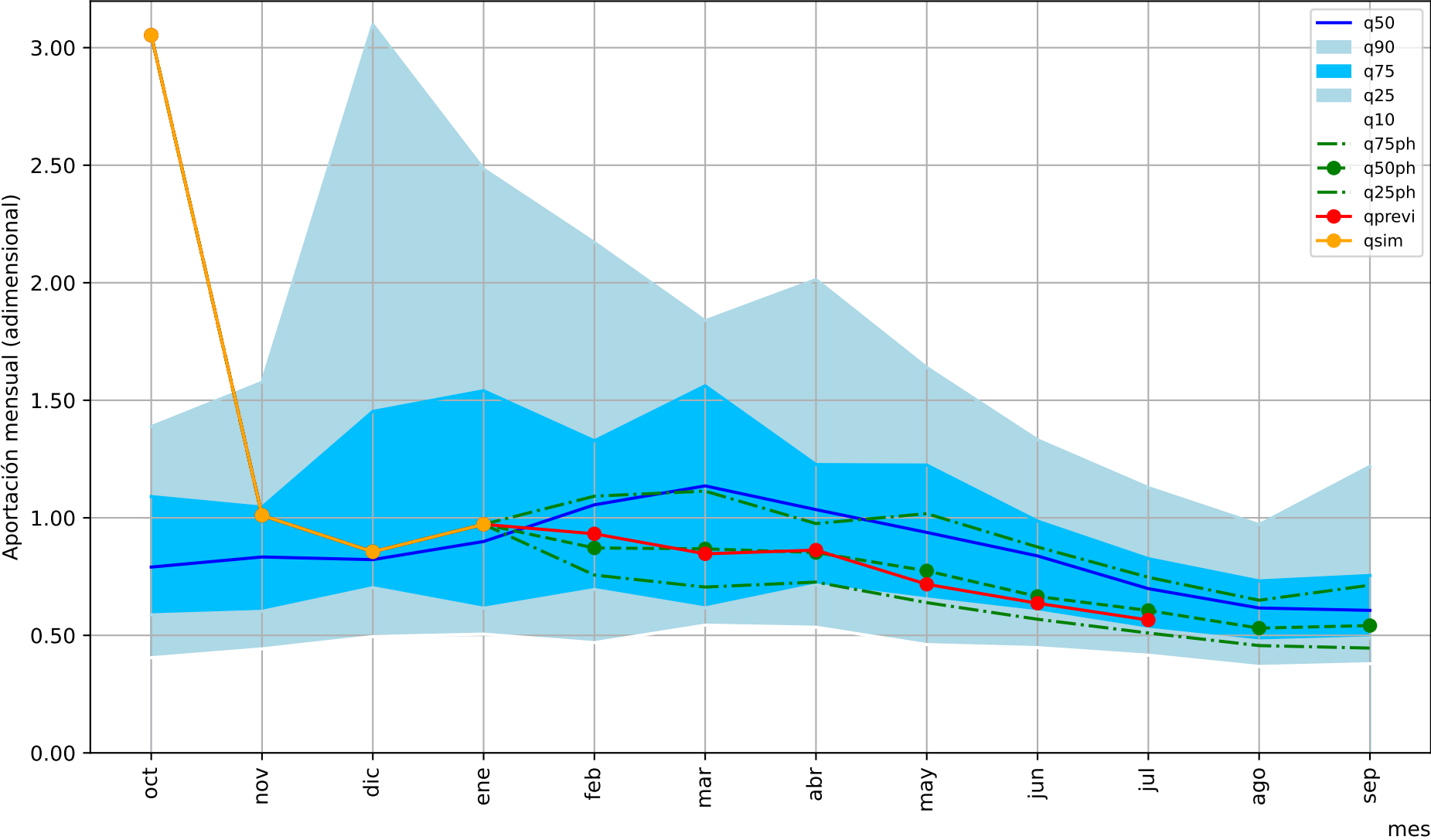


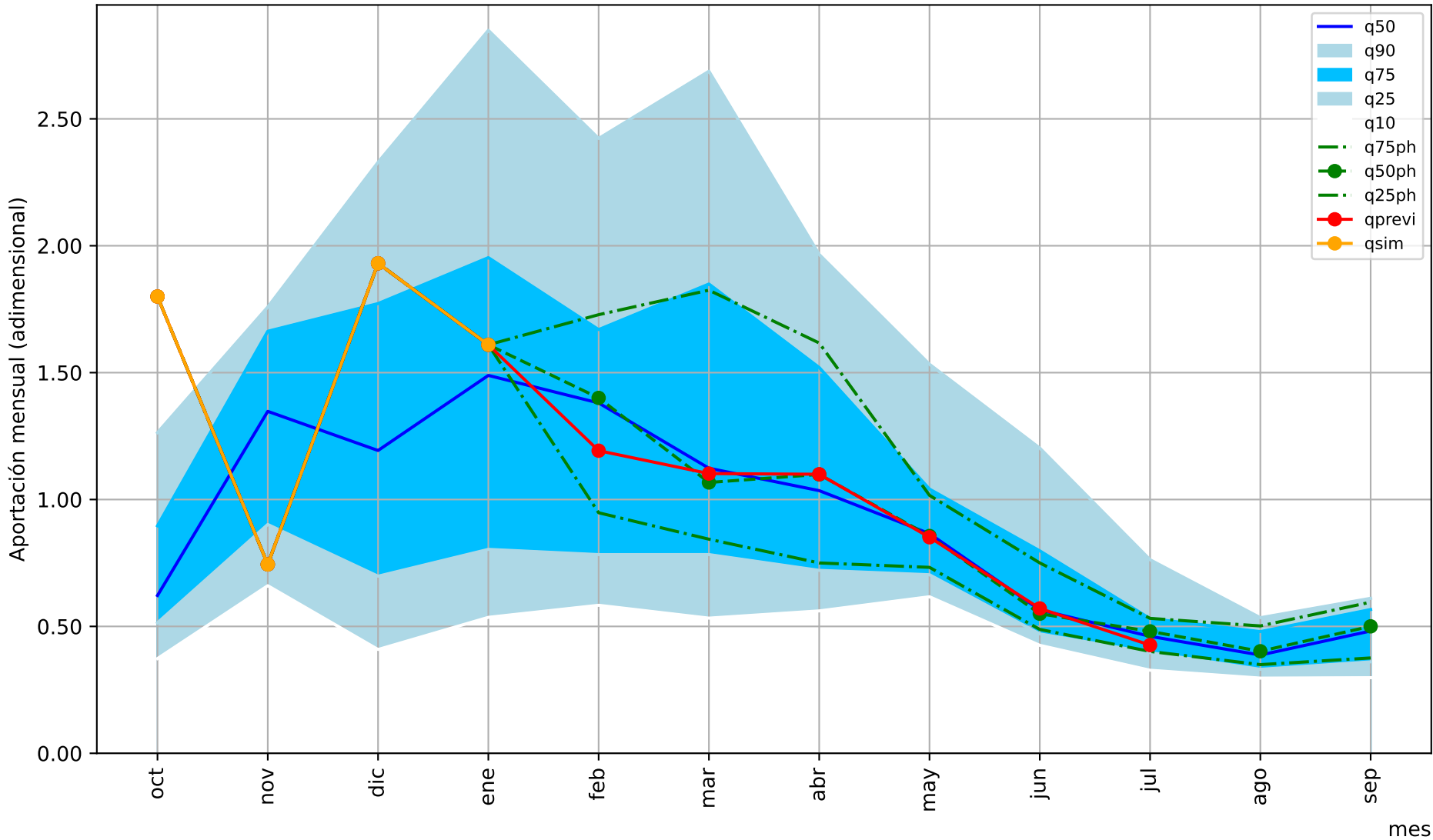
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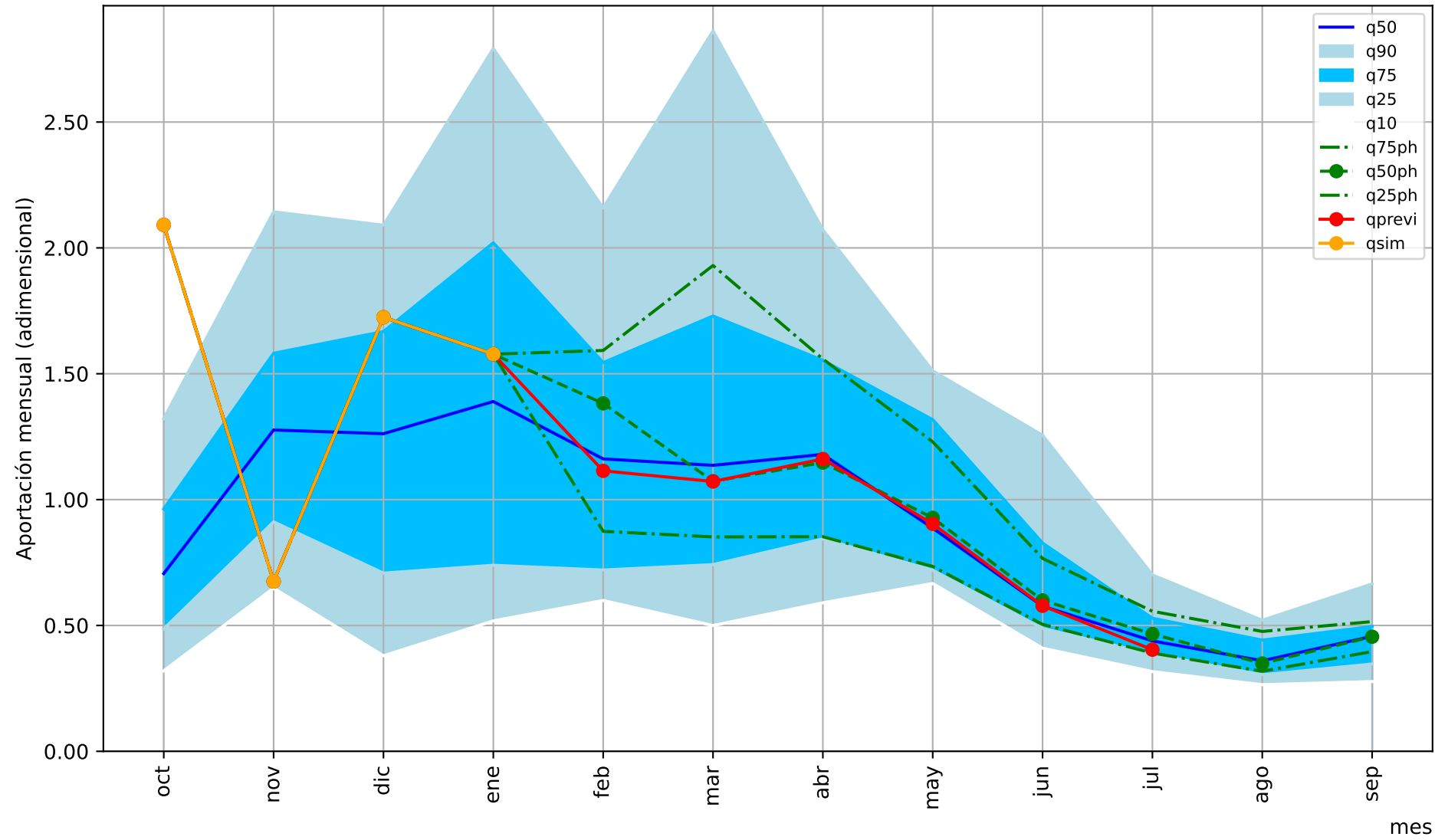
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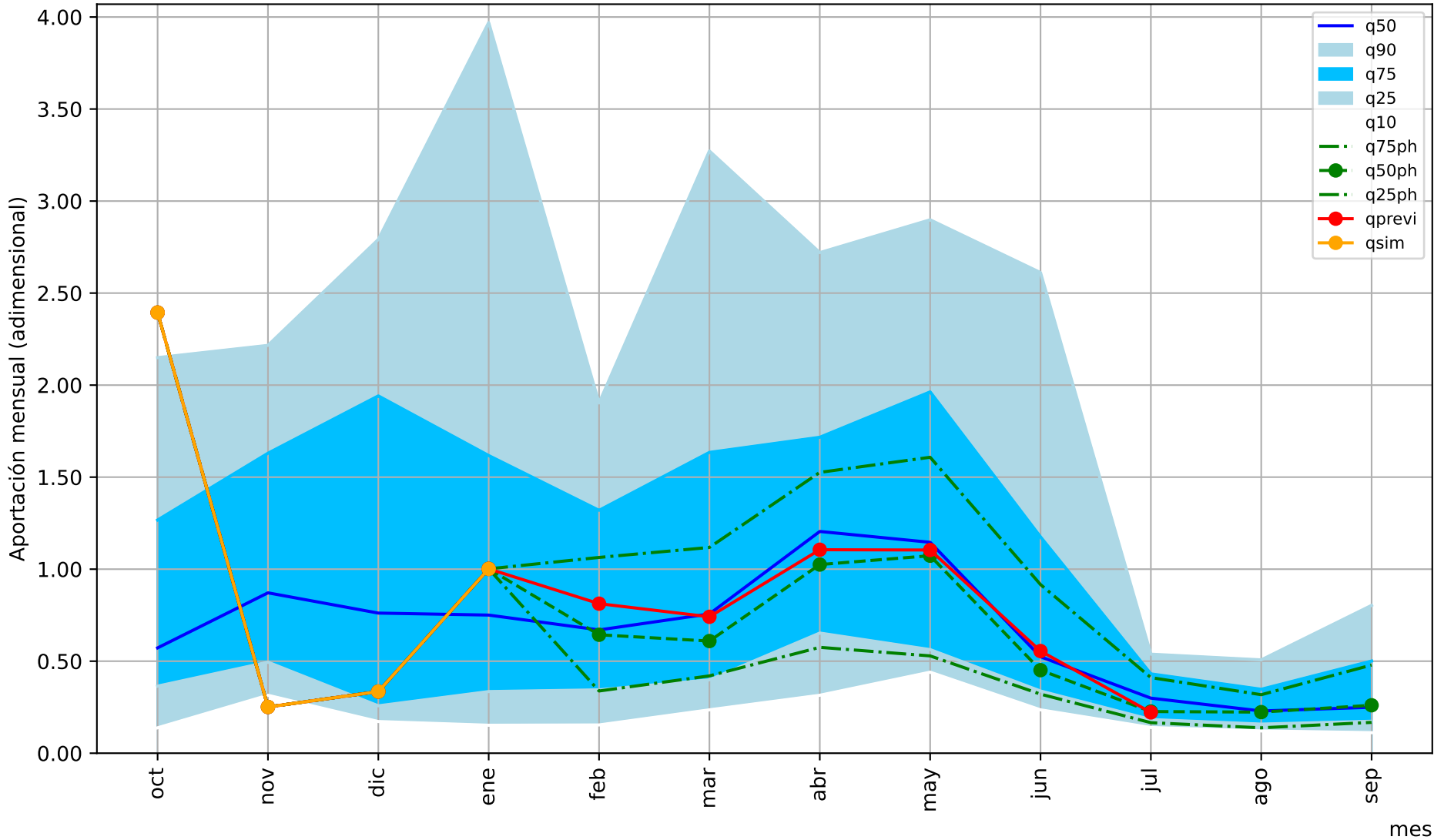




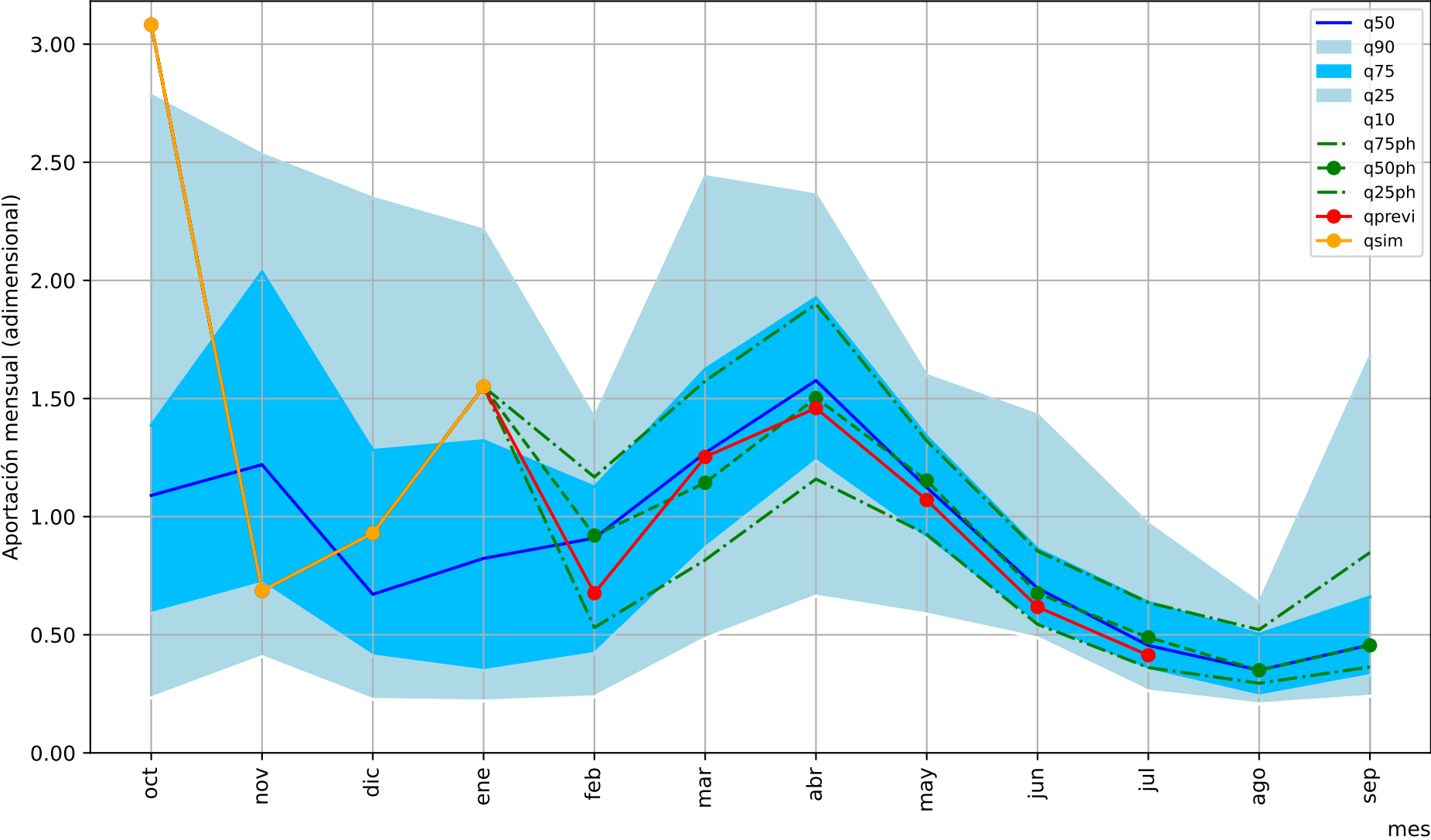
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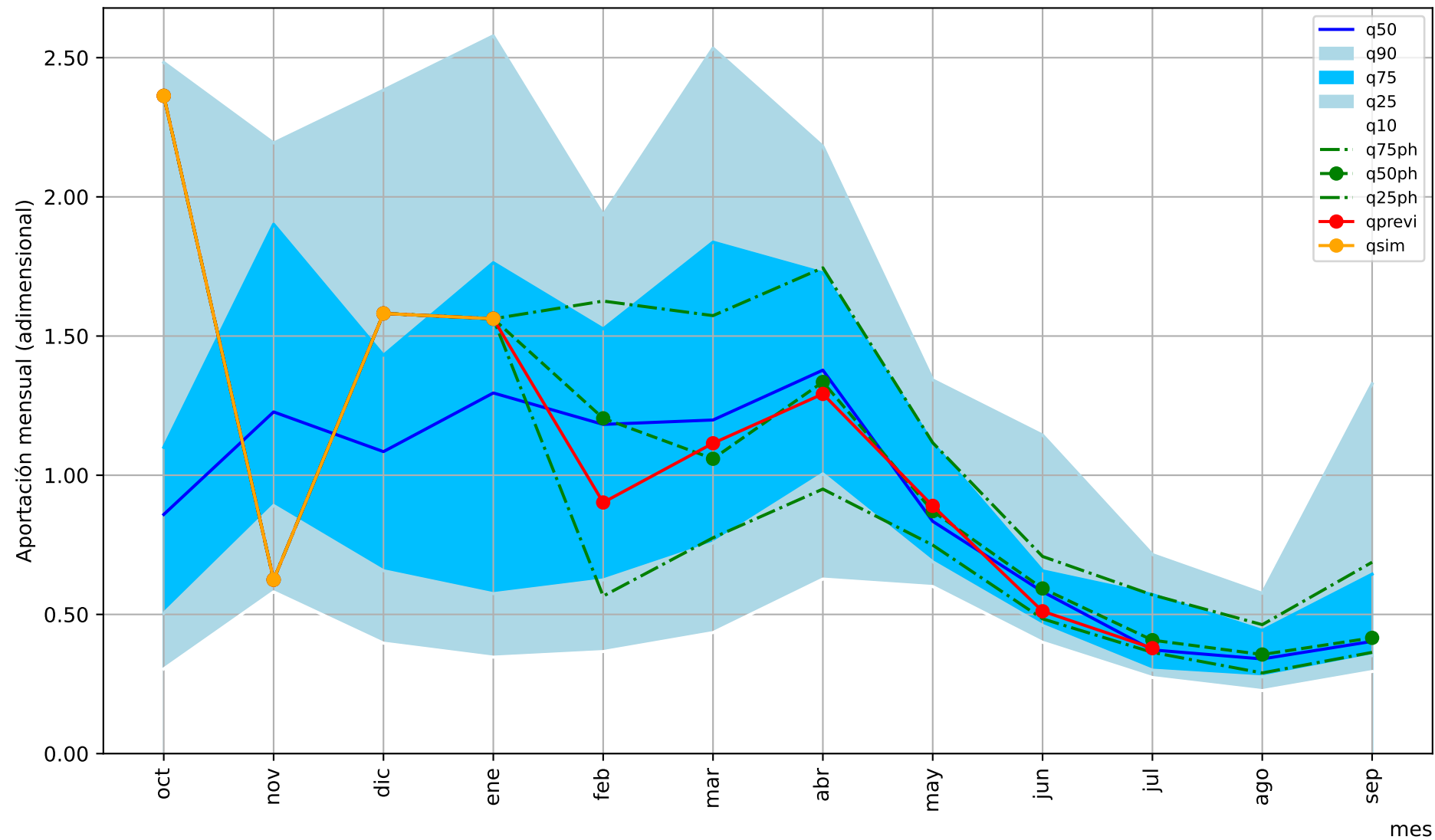
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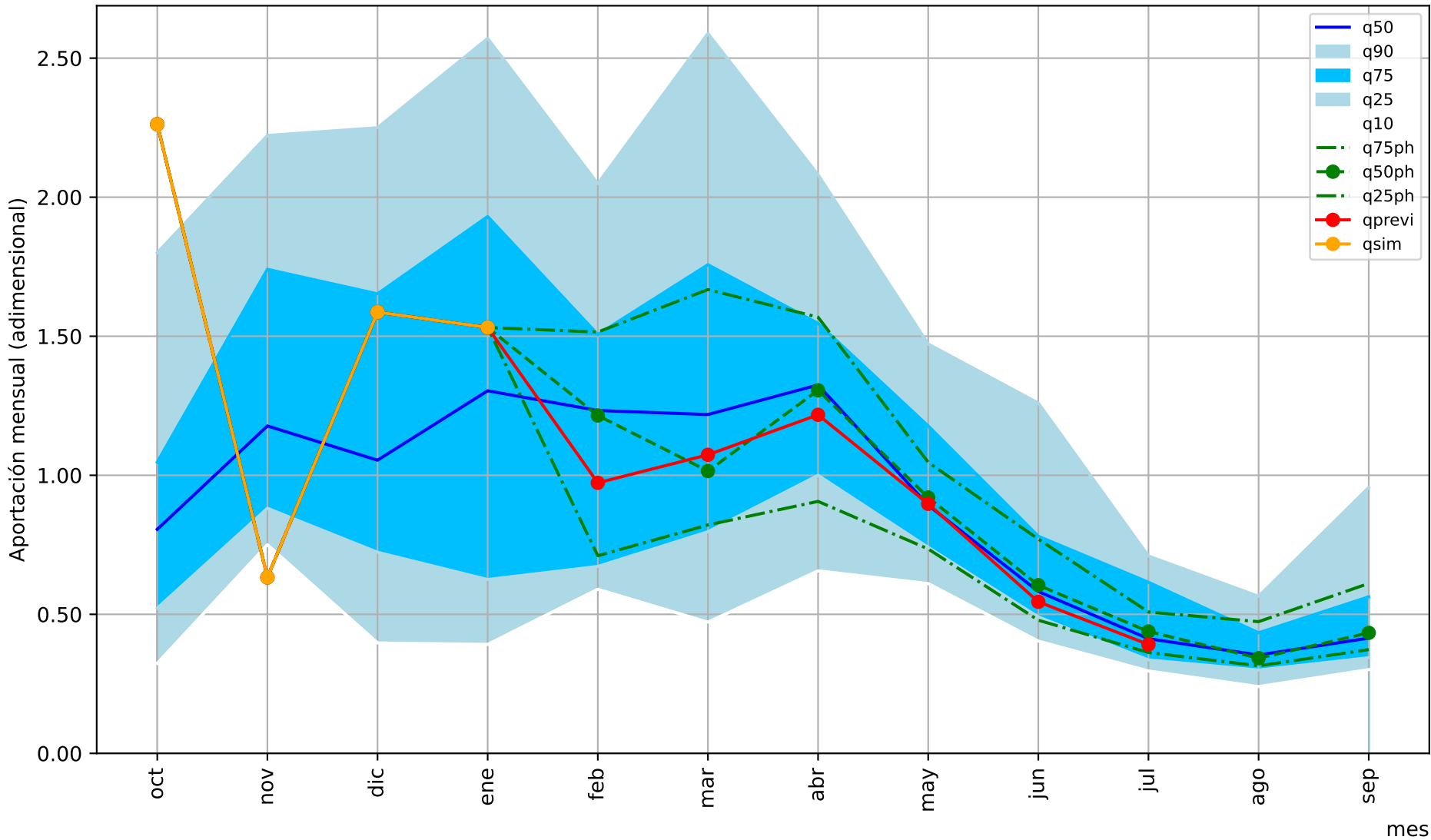
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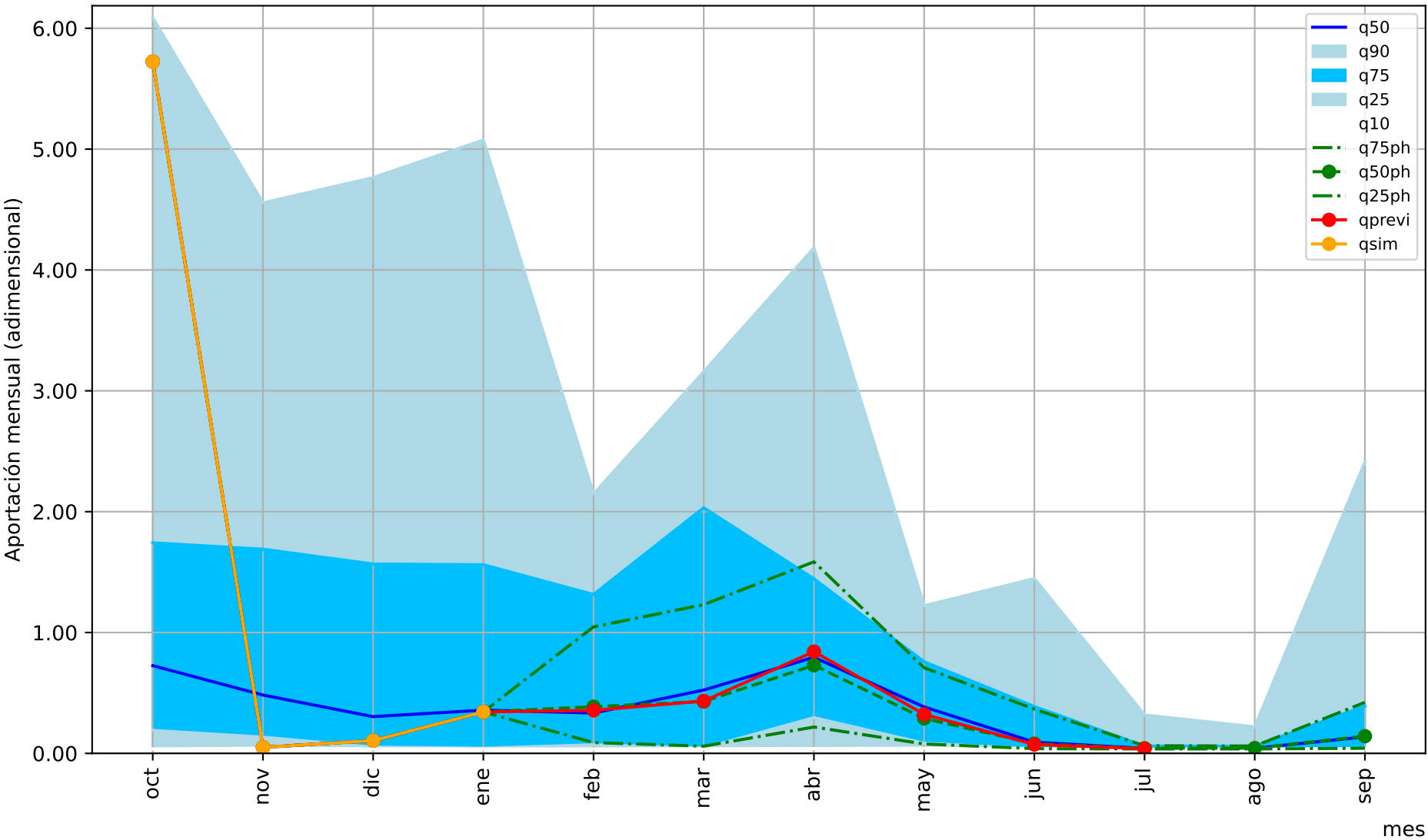
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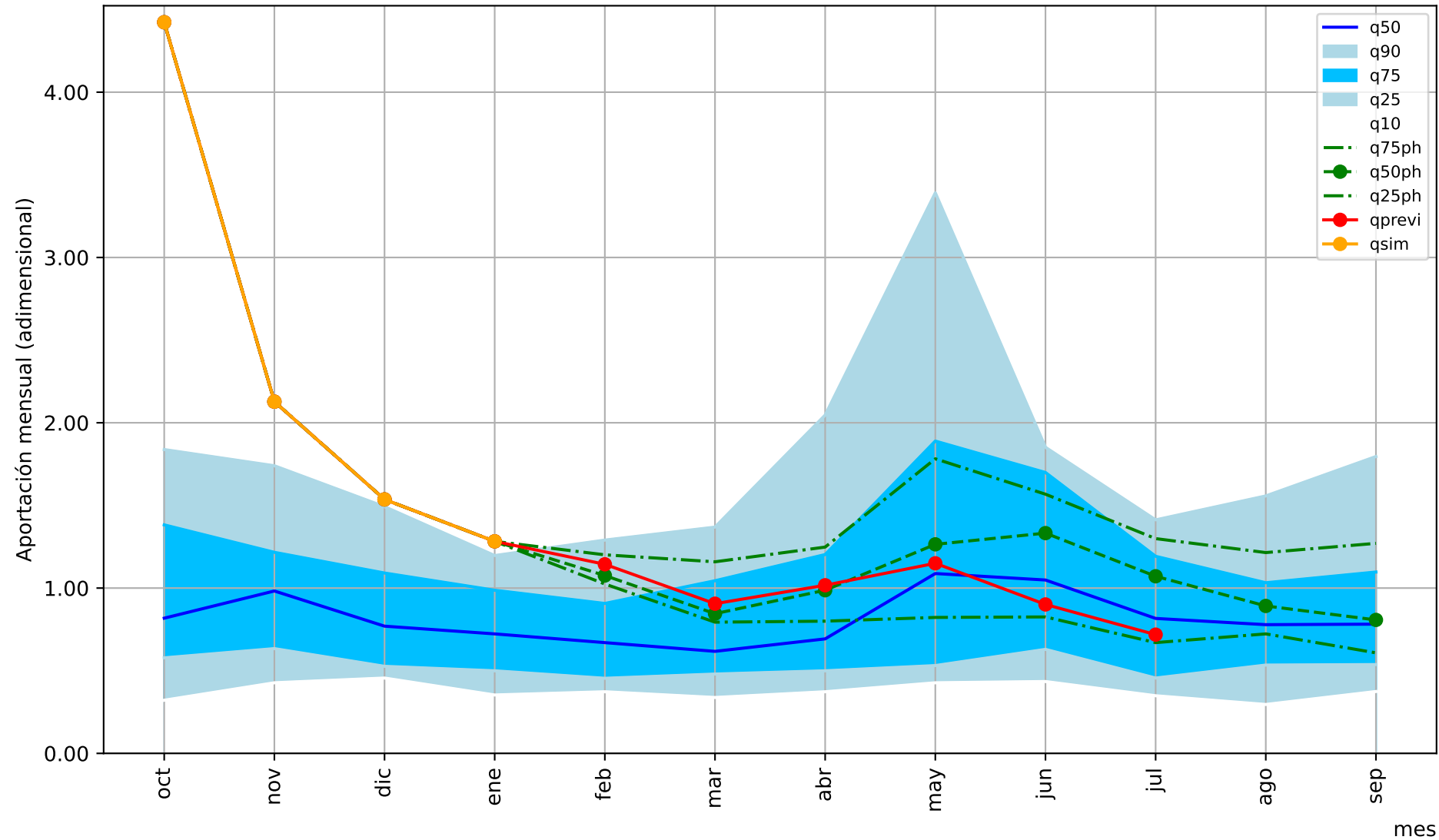
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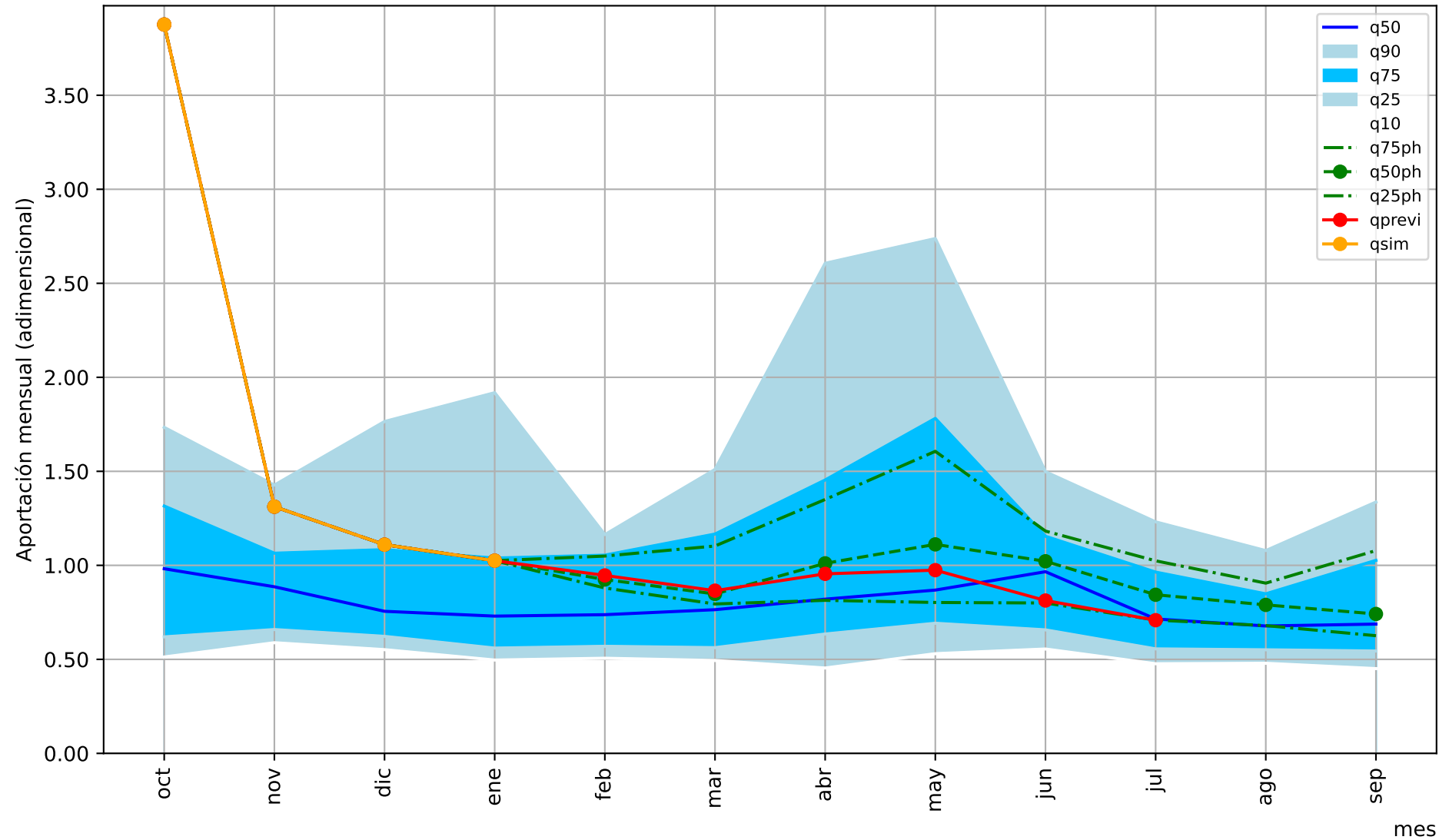
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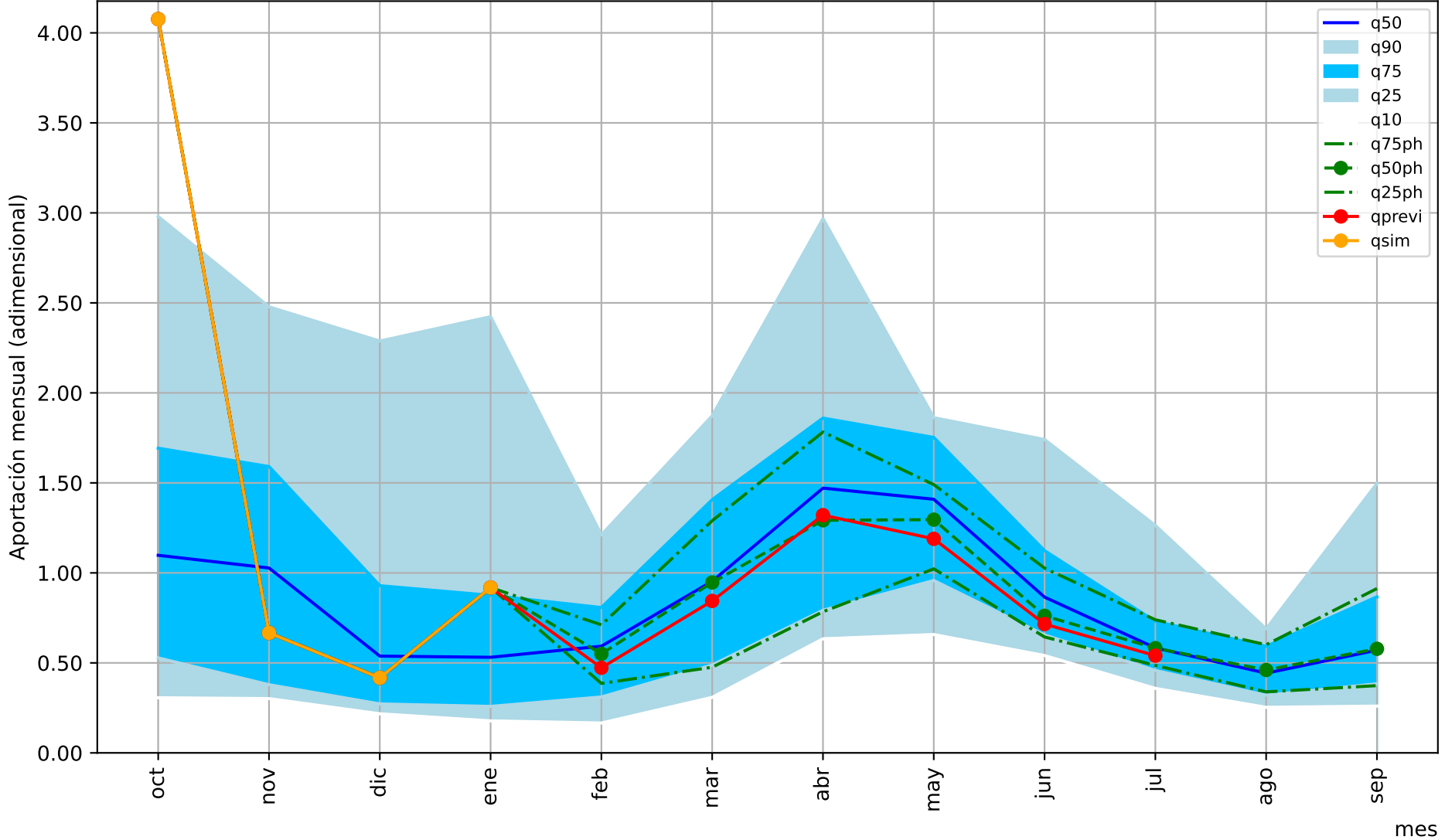
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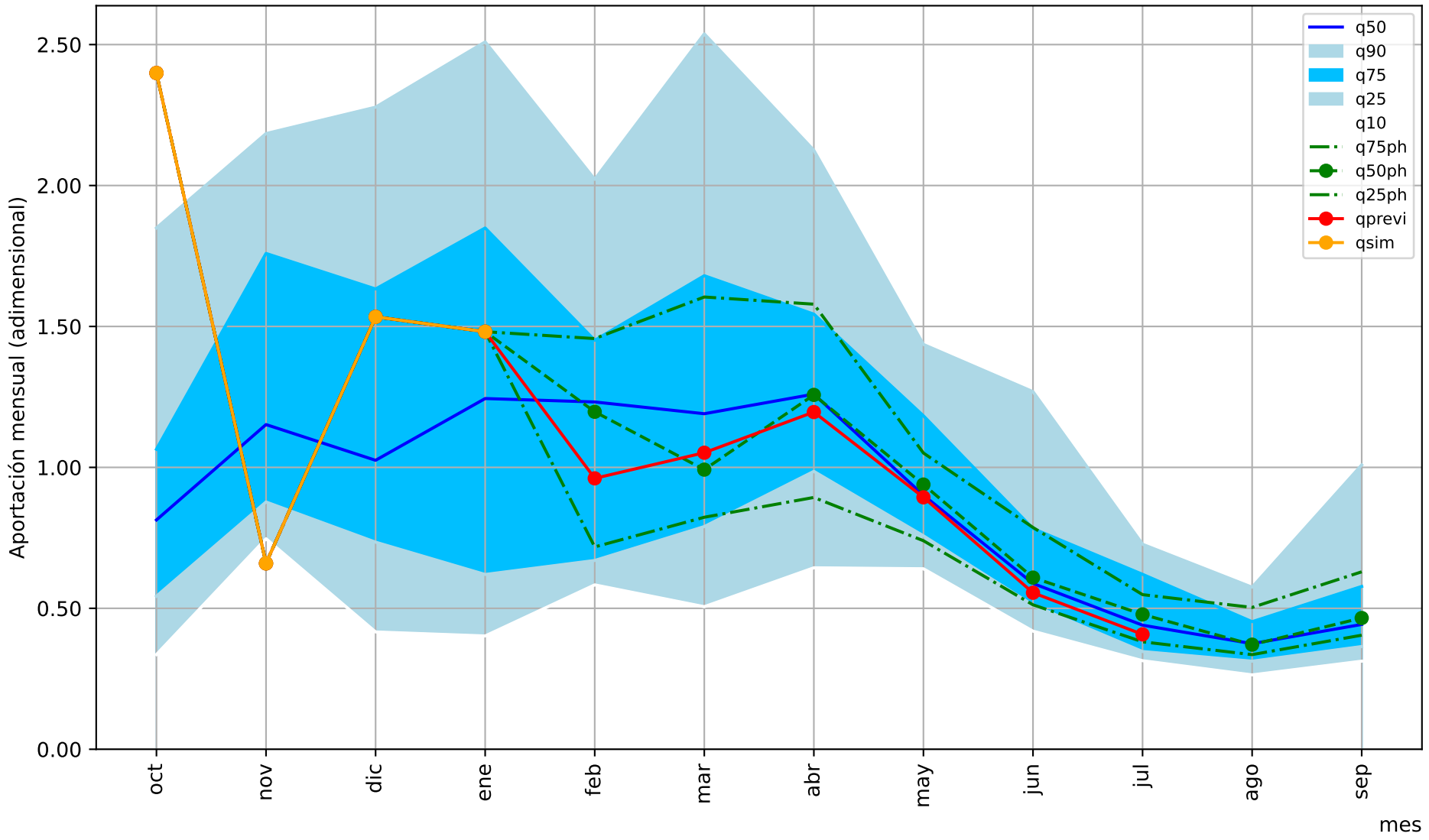
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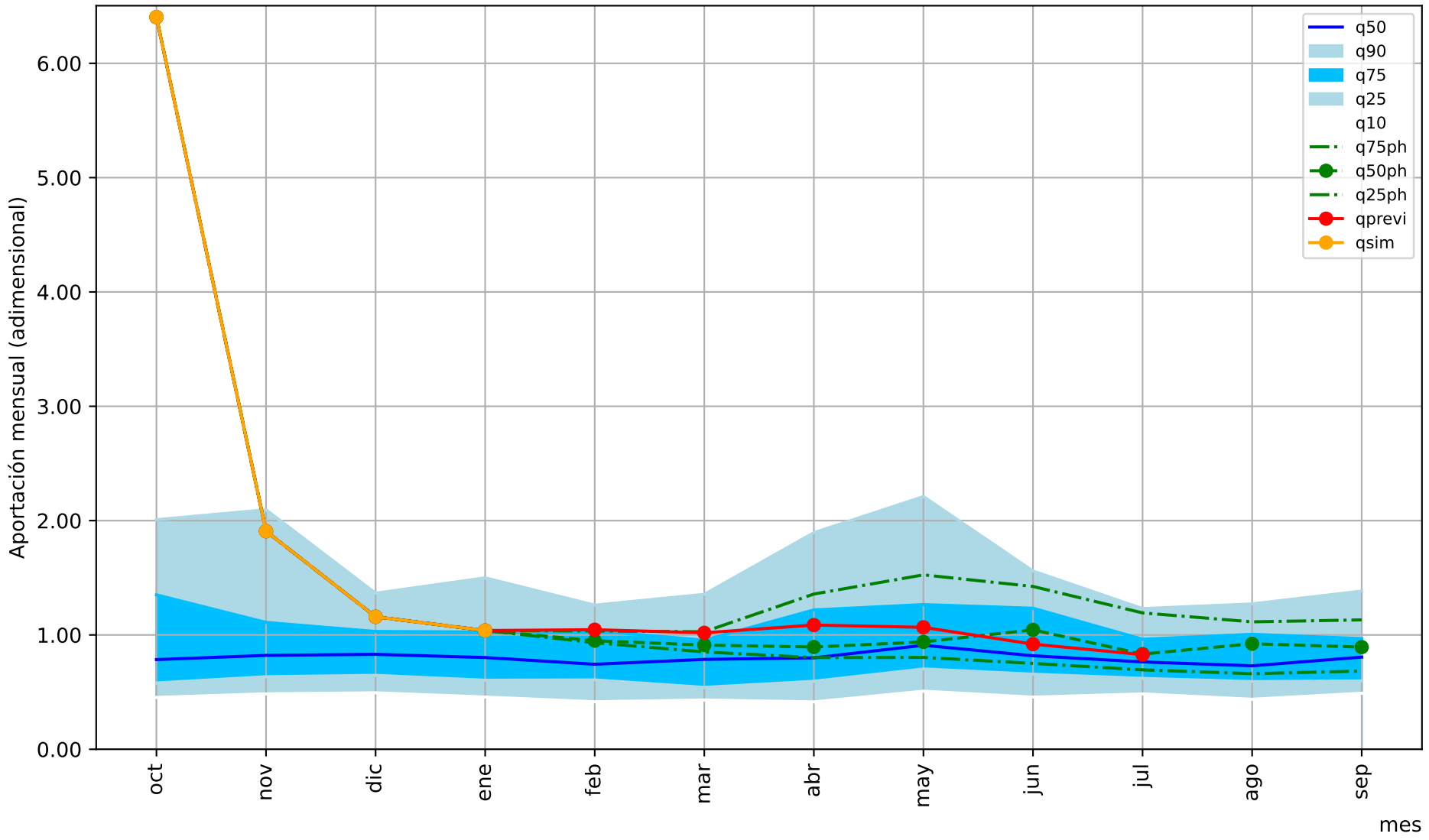
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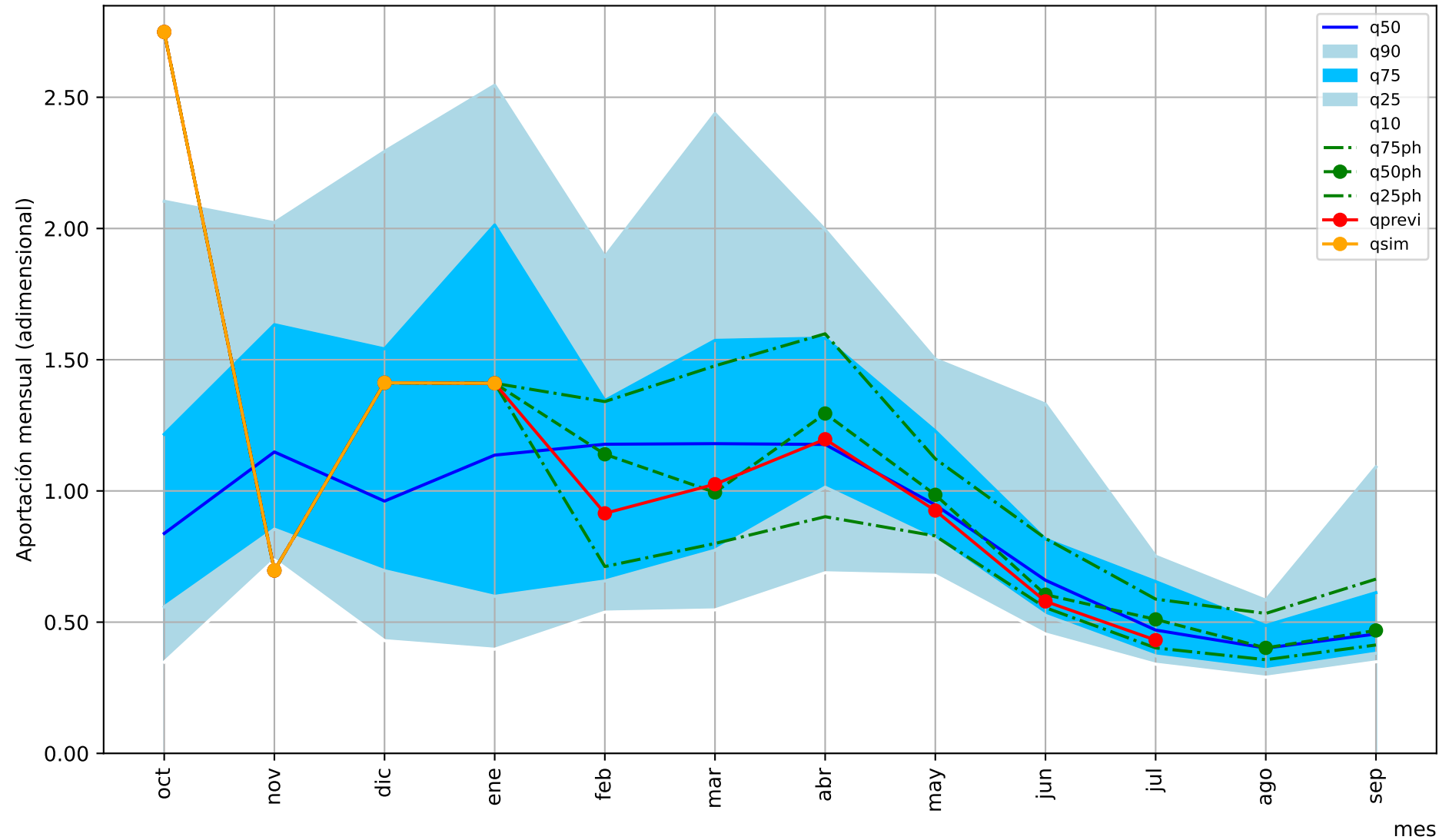
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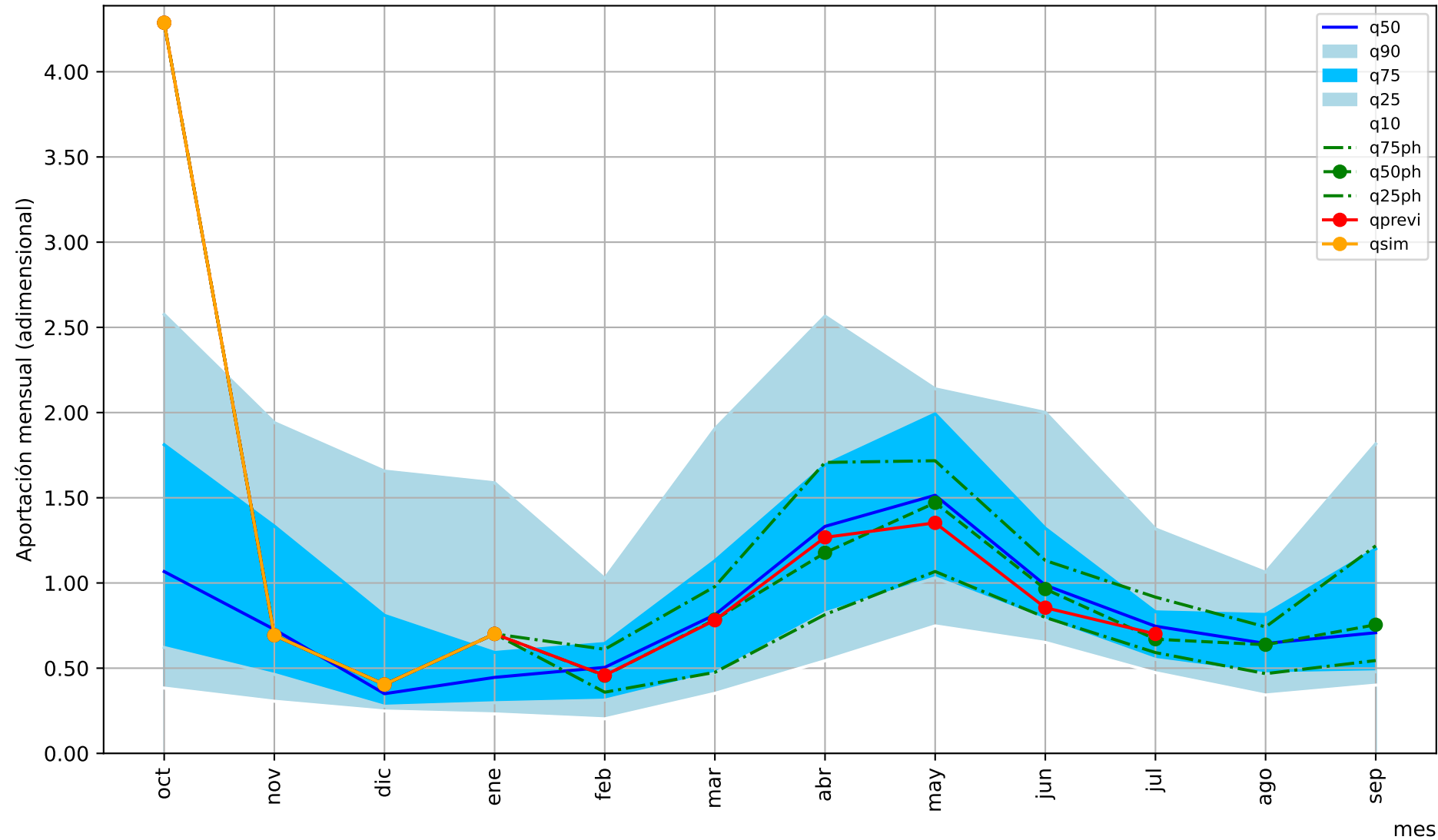
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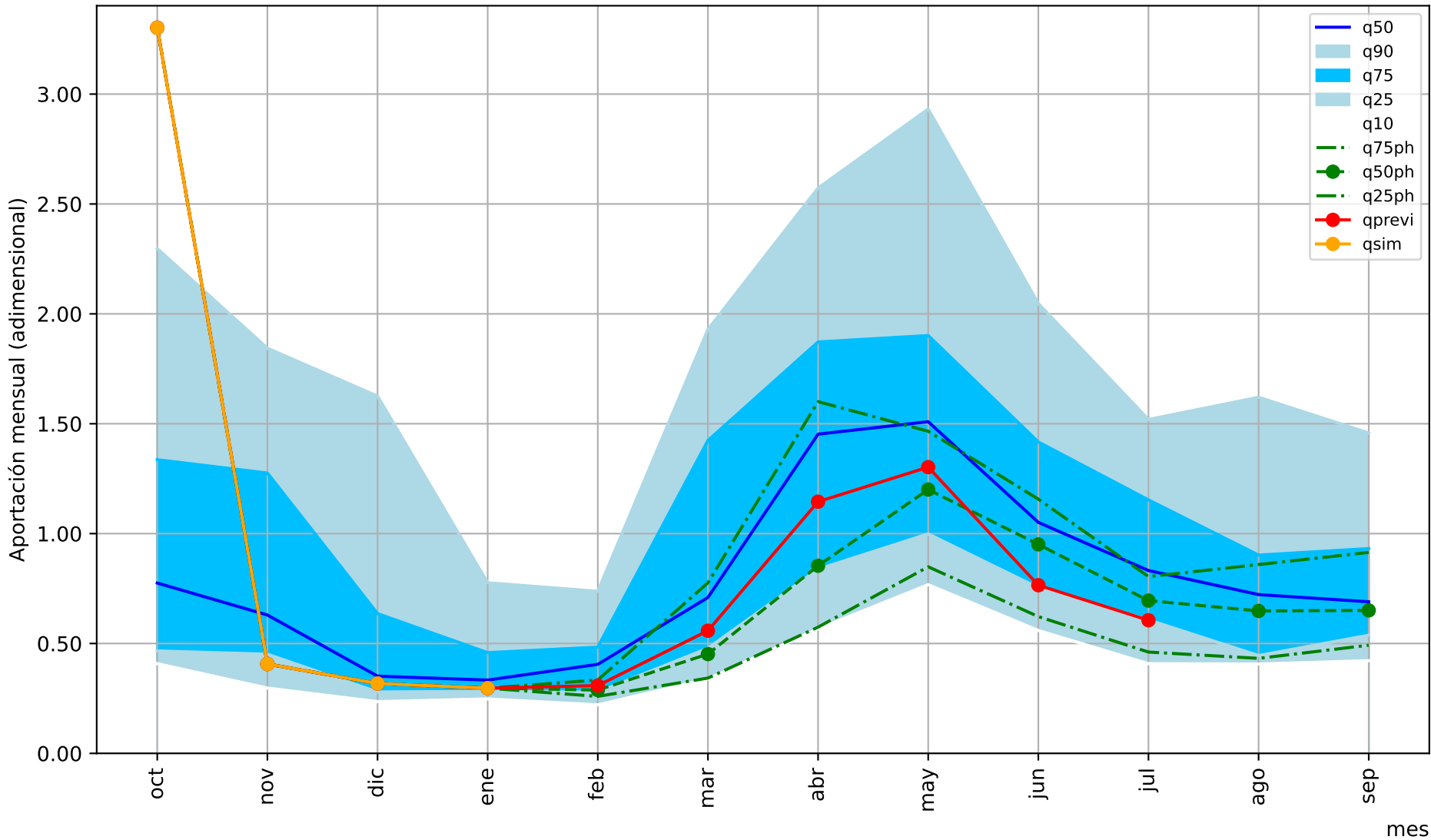
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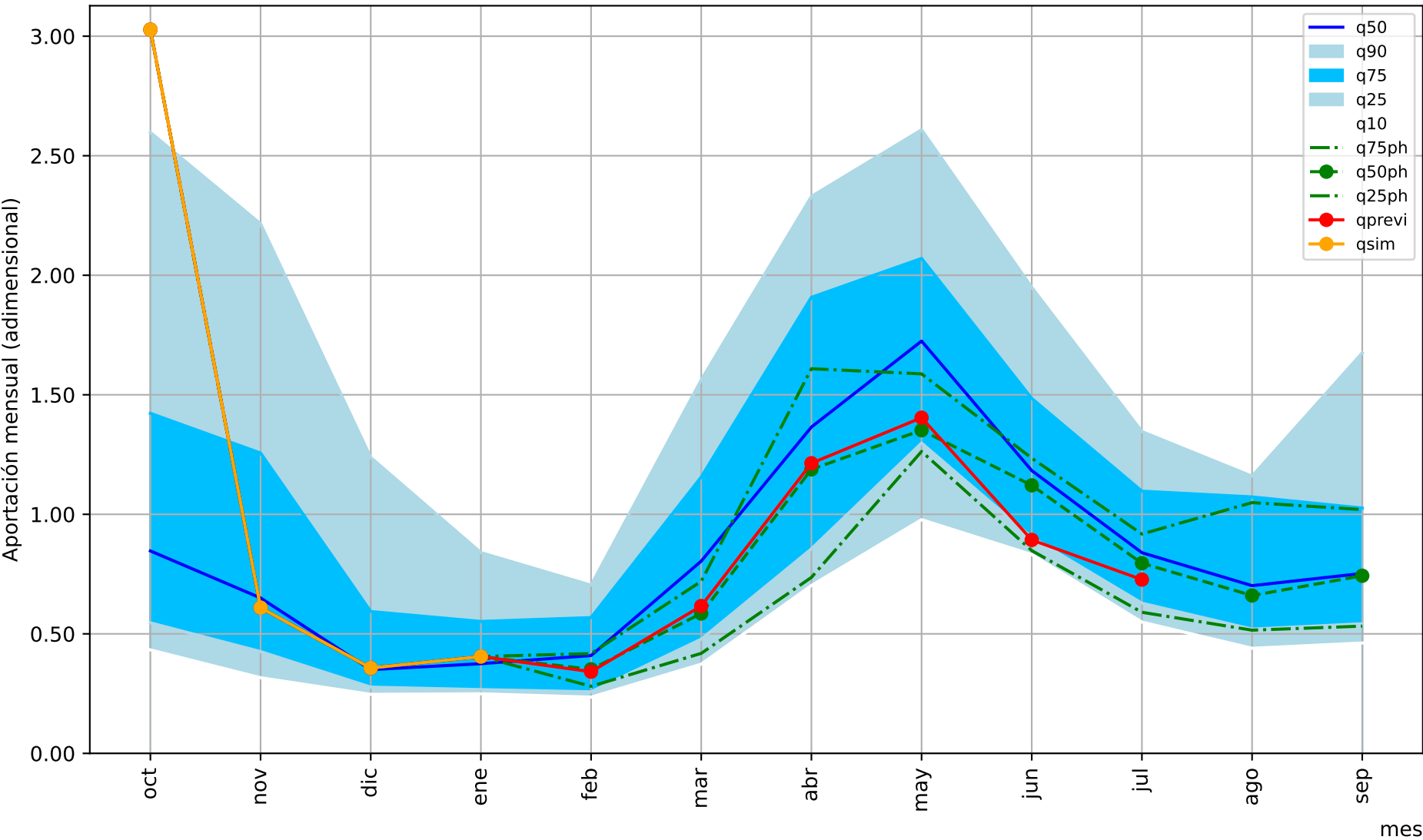
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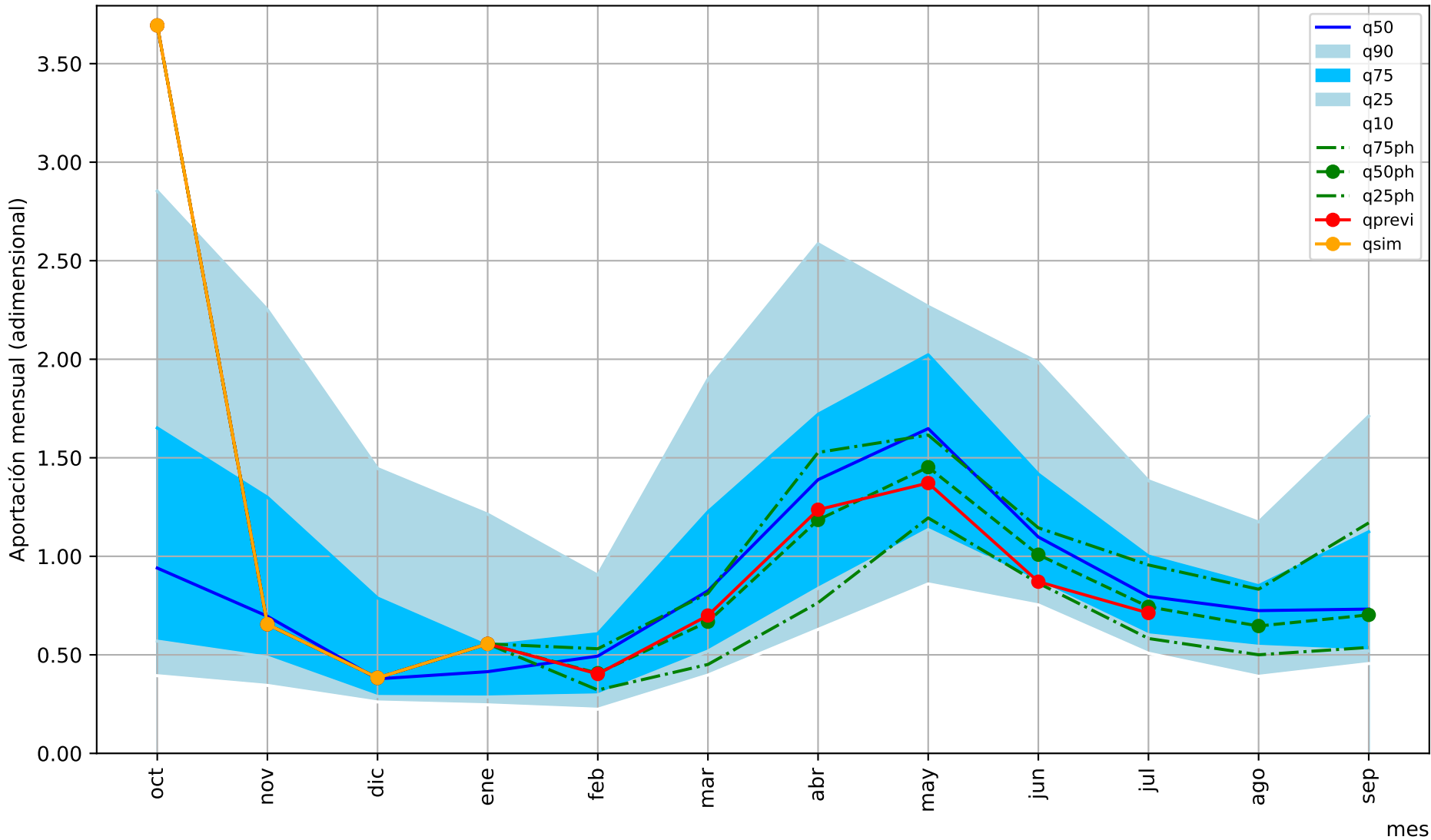
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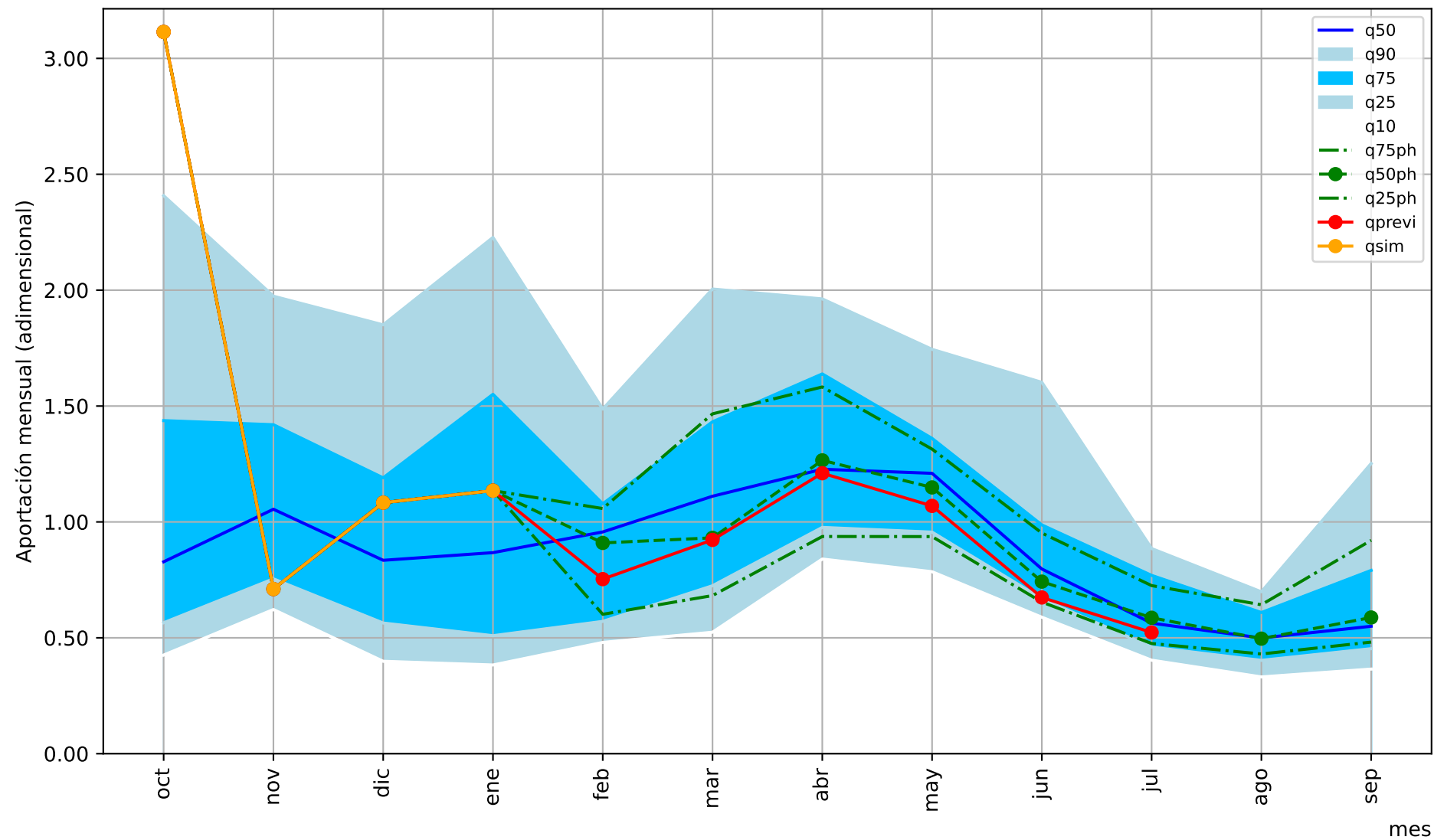
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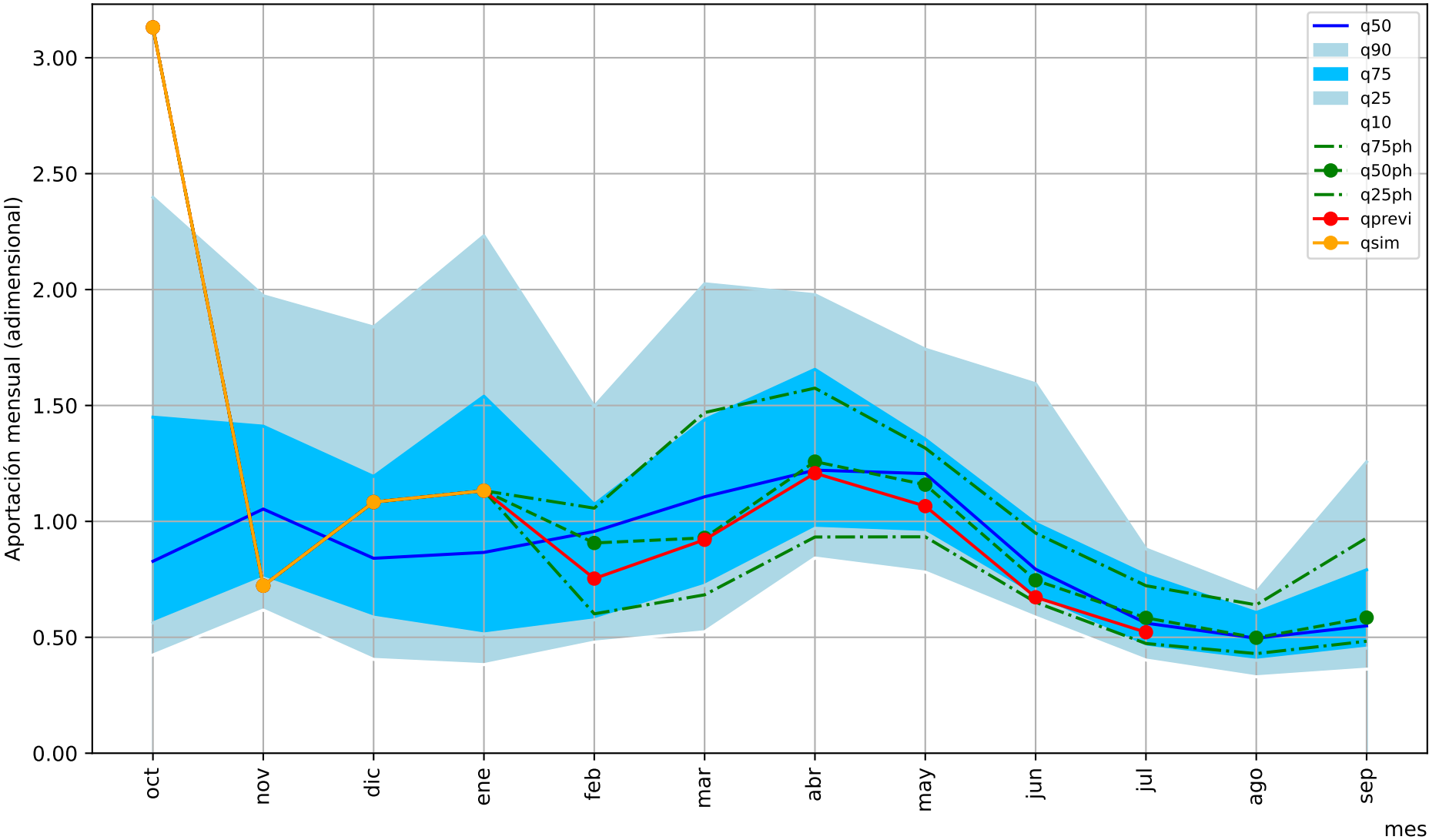
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Ministerio para la Transición Ecológica y el Reto Demográfico
Dirección General del Agua

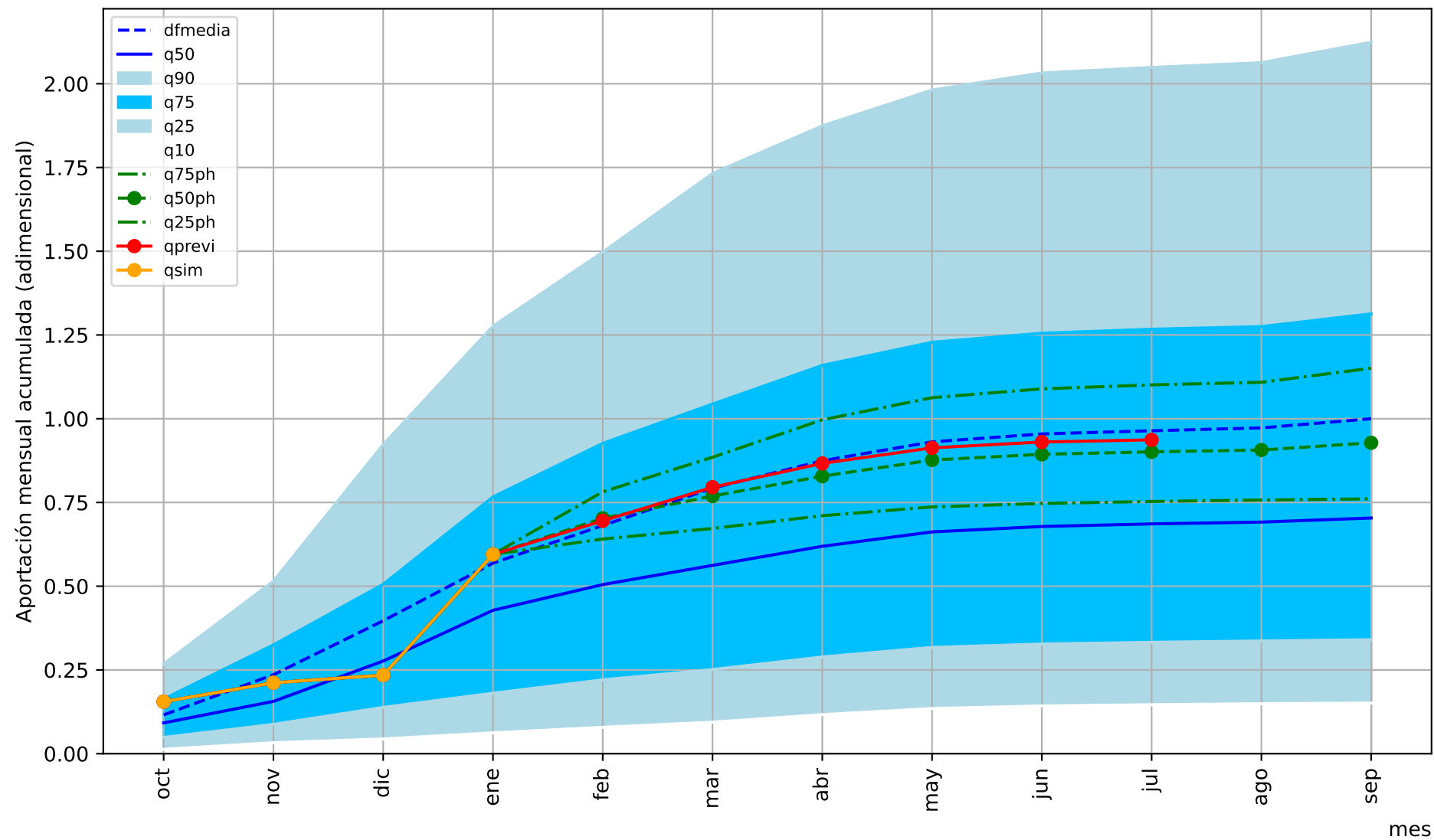
Calculo de predicciones hidrológicas estacionales

Modelo simulación hidrológica: PATRICAL

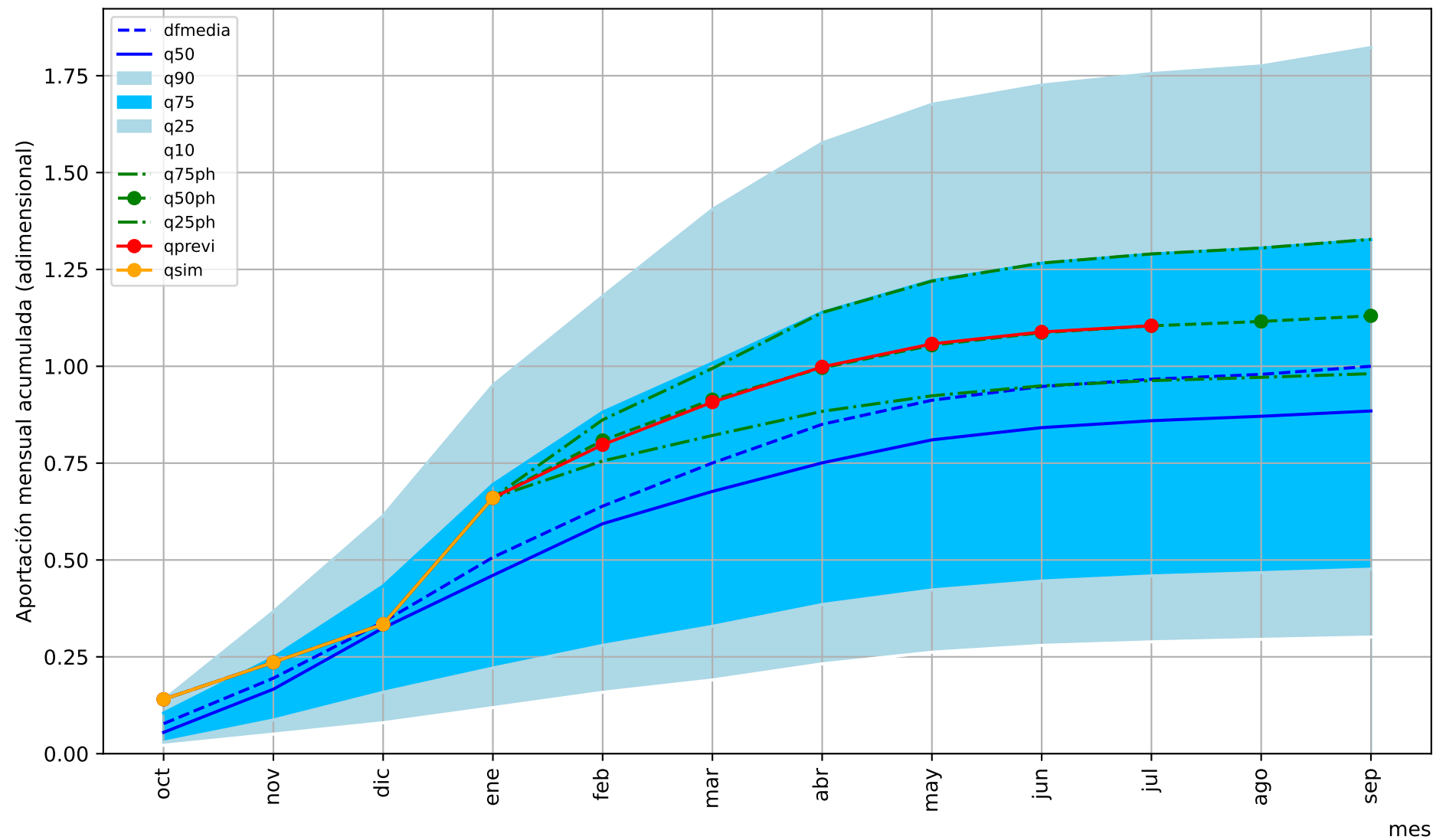
Aportaciones hidrológicas en régimen natural

Predicción realizada en febrero de 2025

Universitat Politècnica de València
IIAMA - Instituto de Ingeniería del Agua y Medio Ambiente

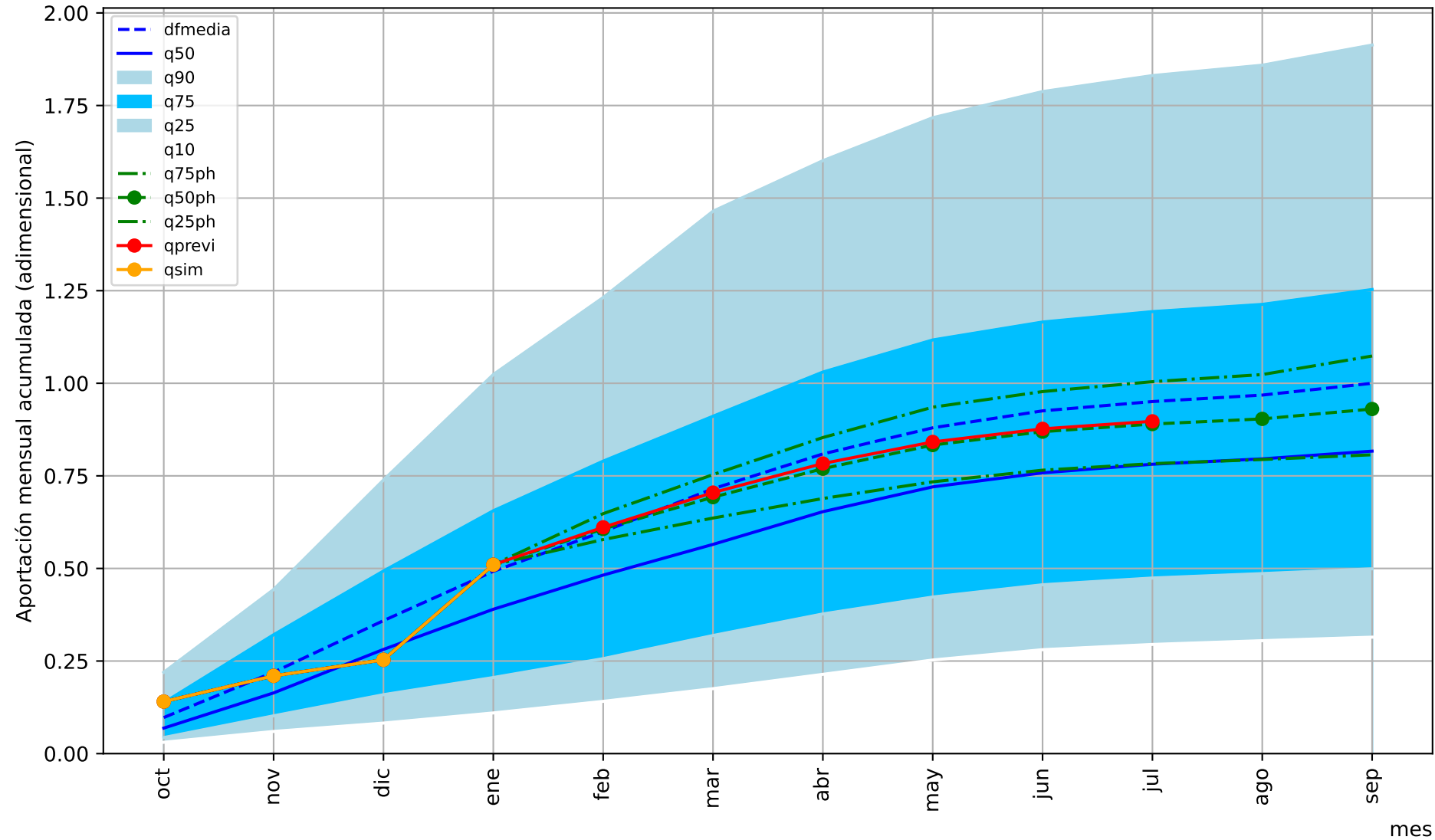


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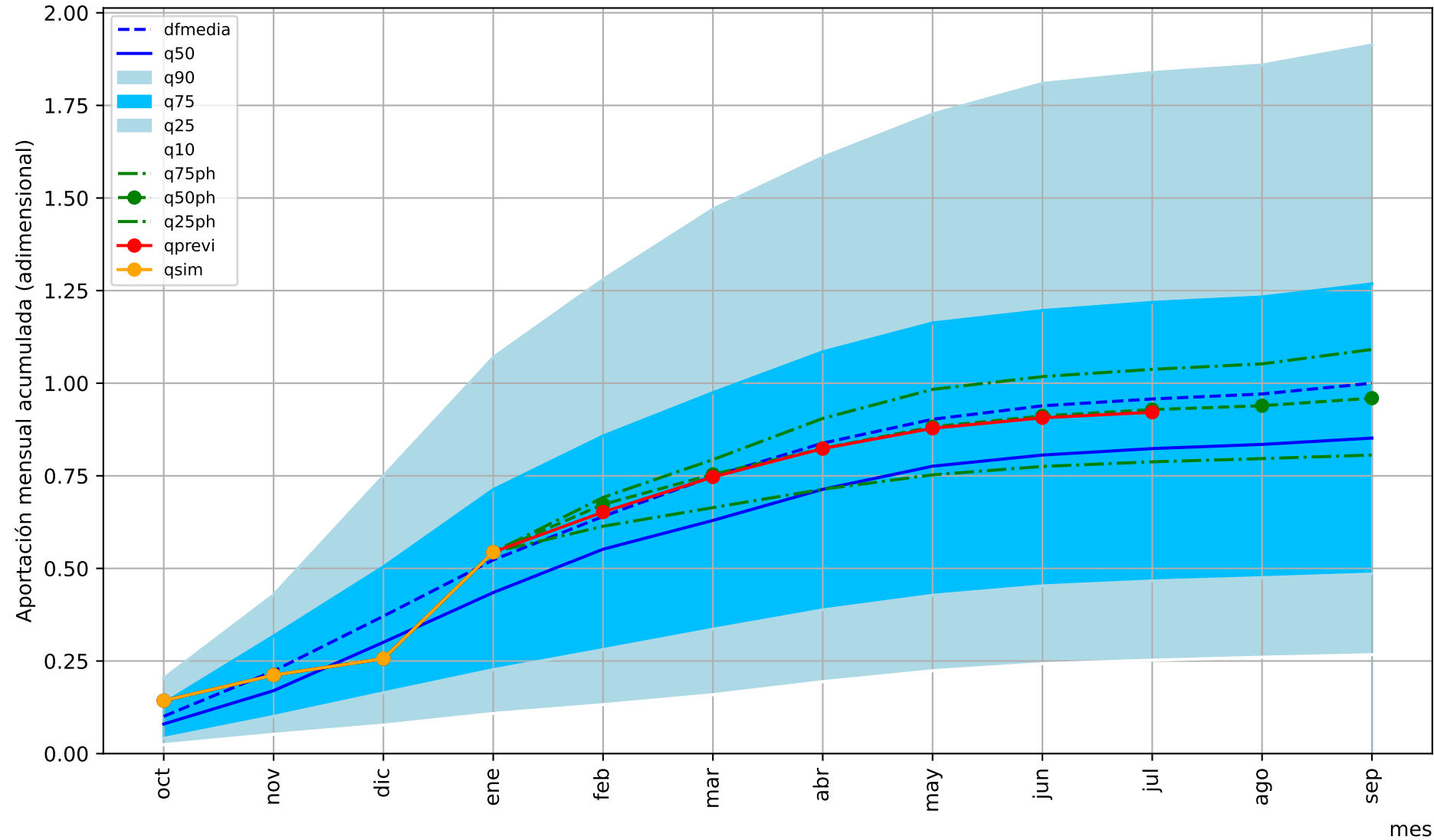


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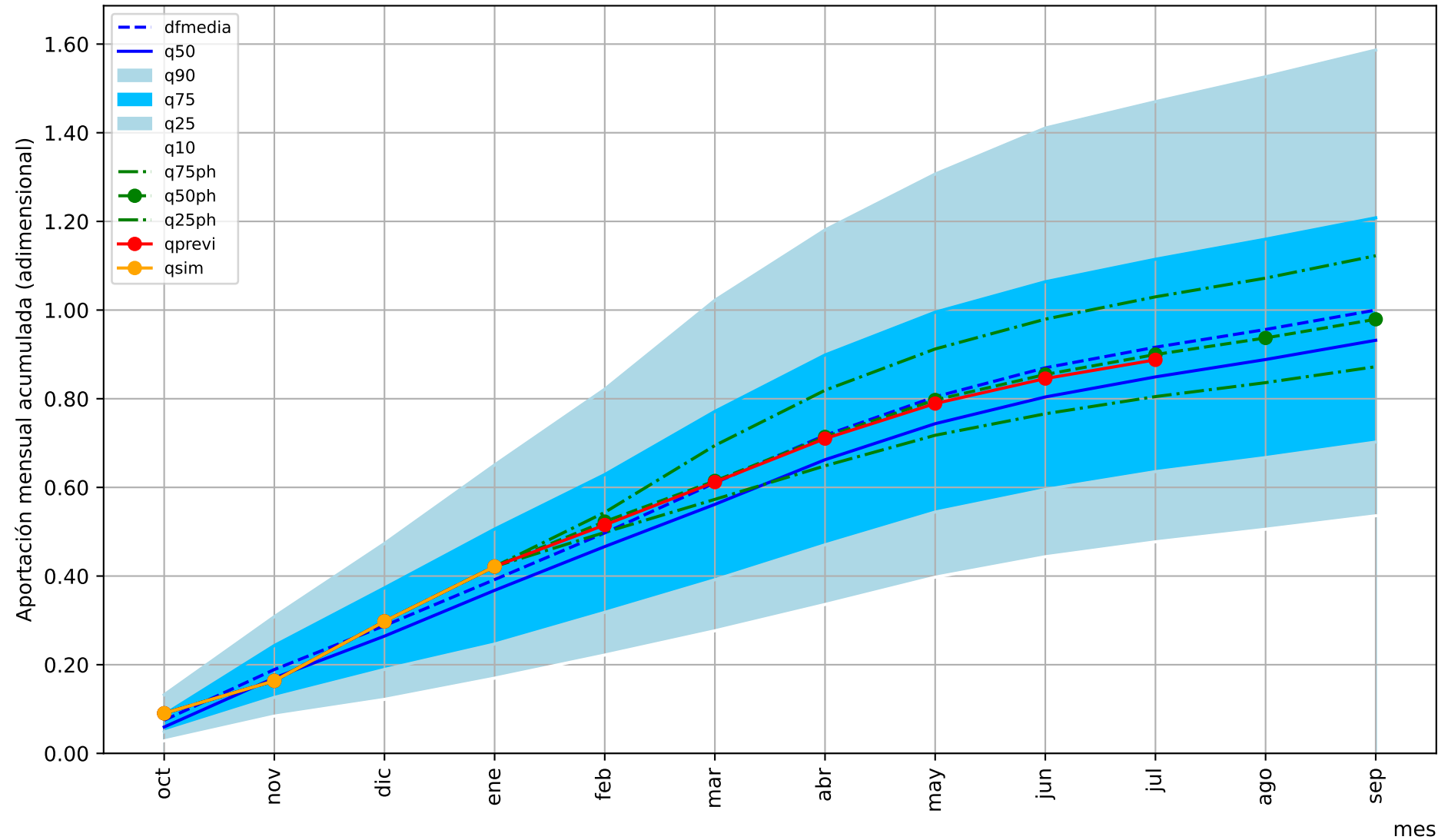
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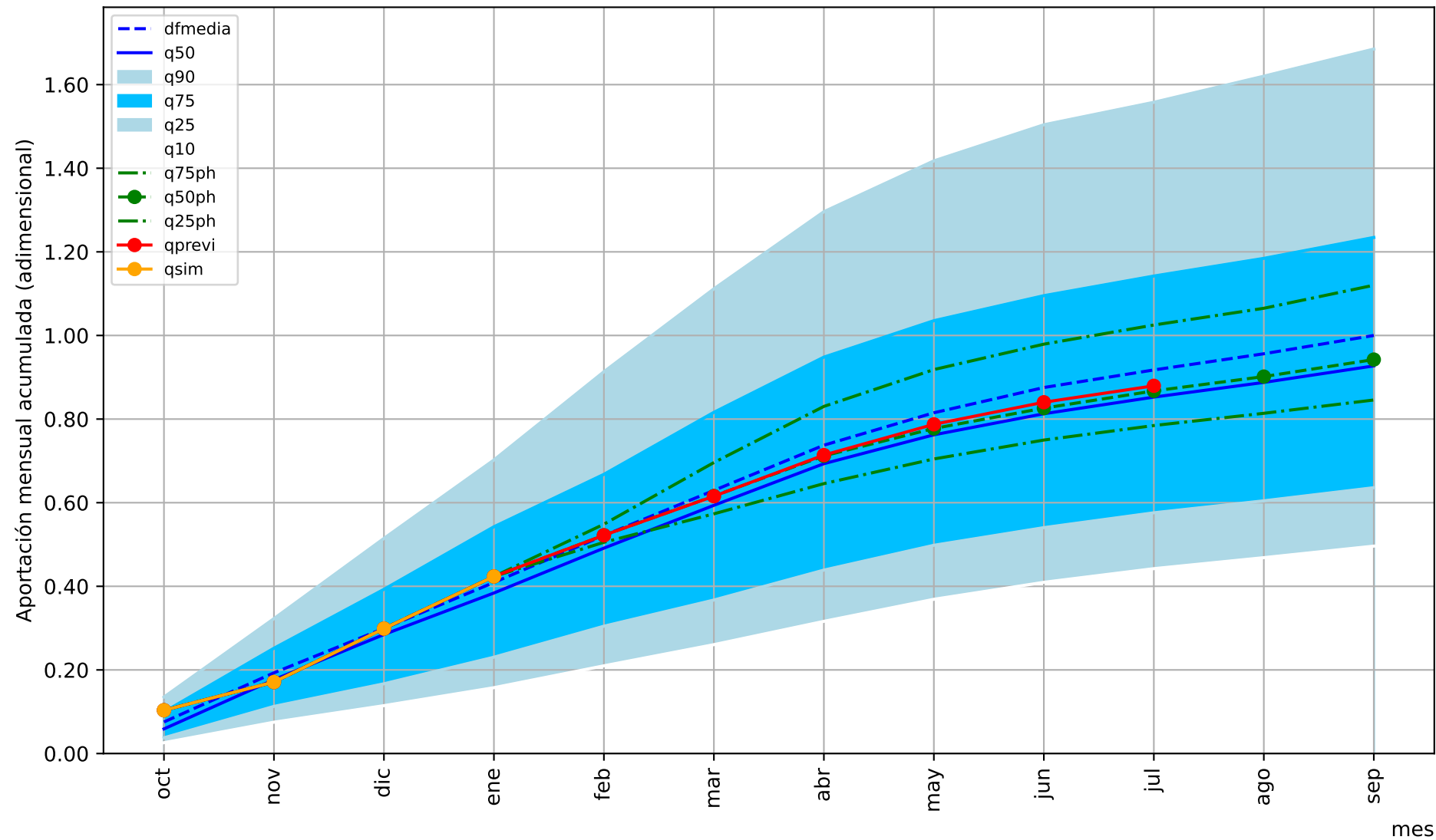


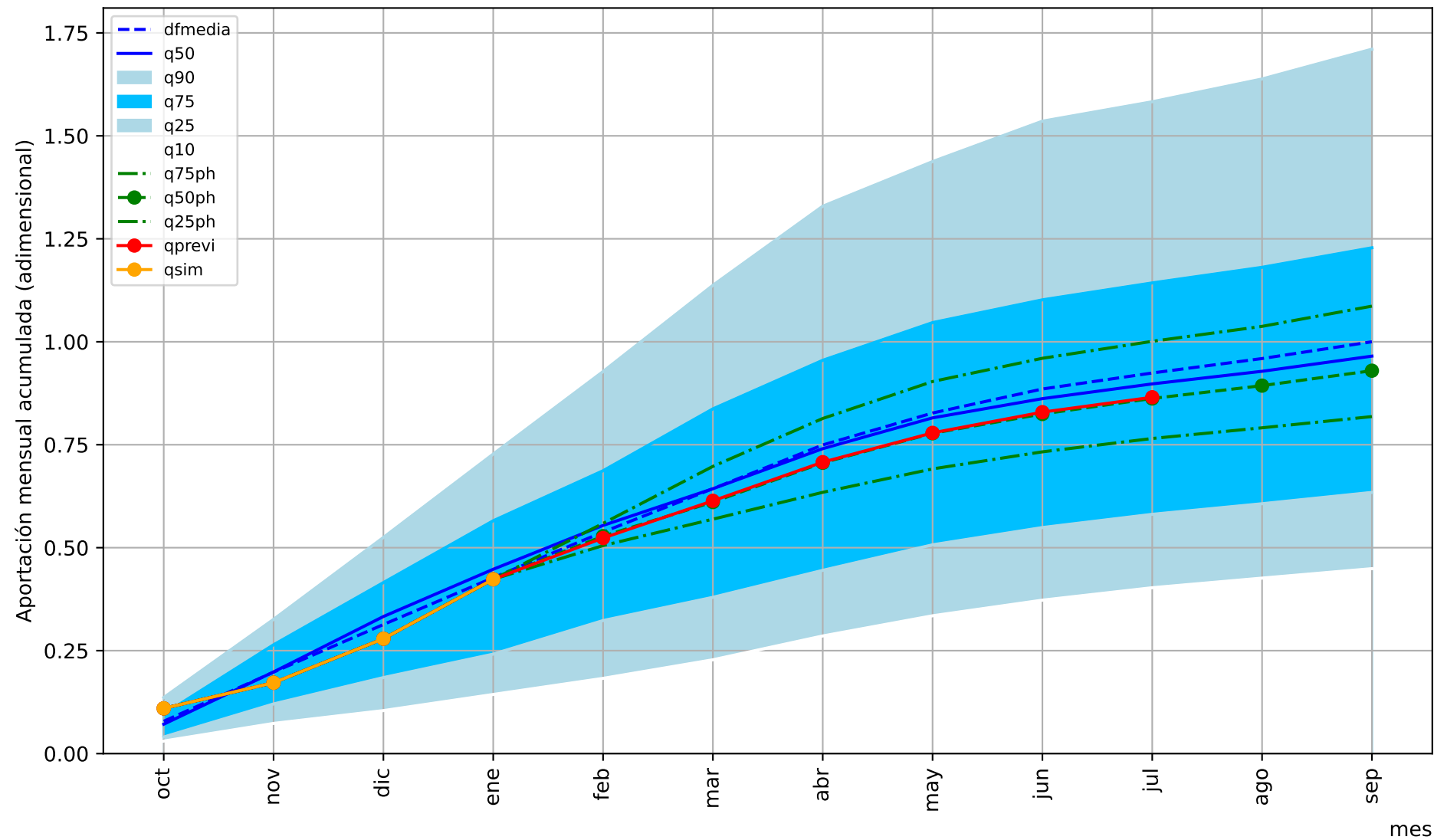
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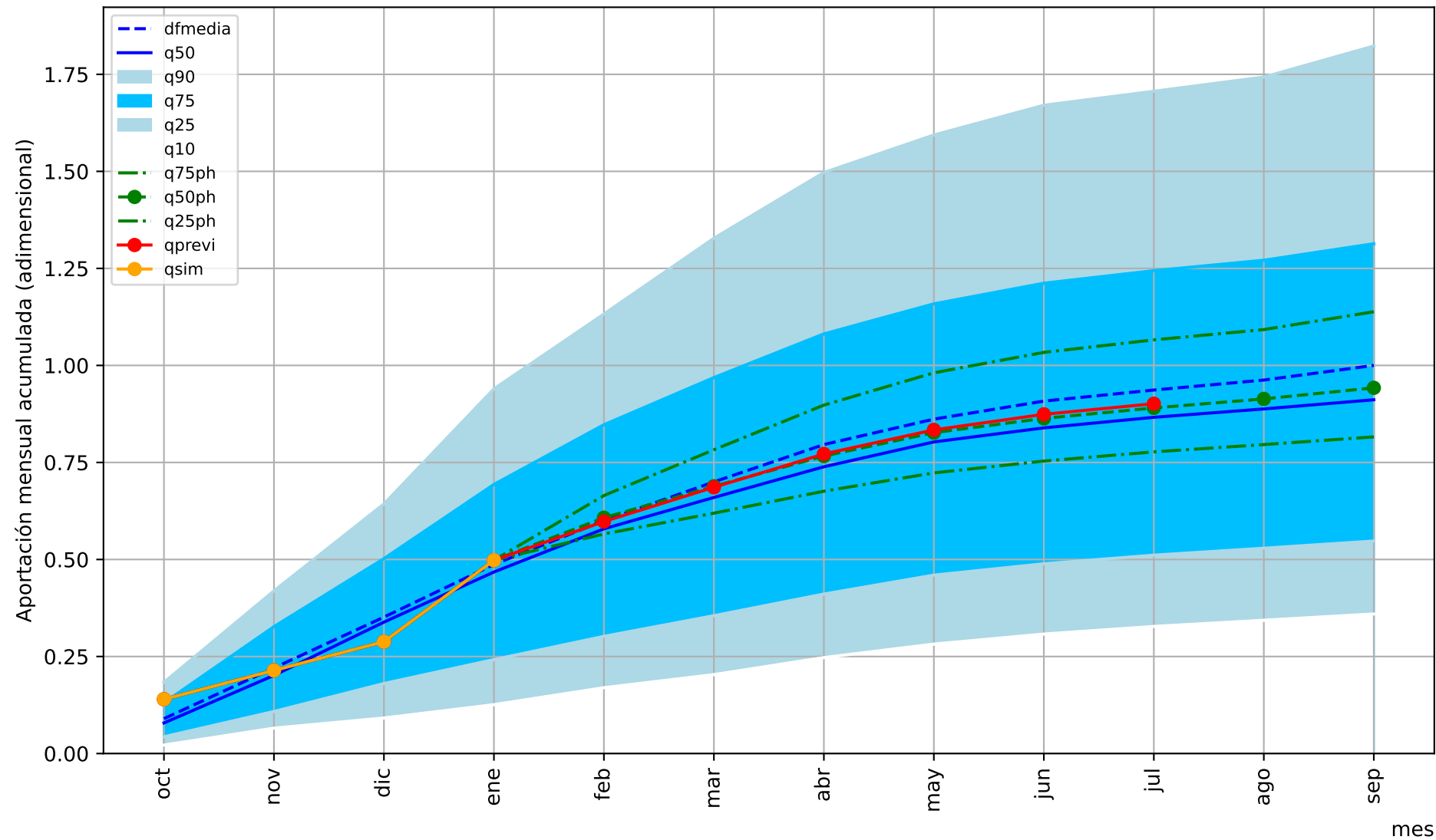
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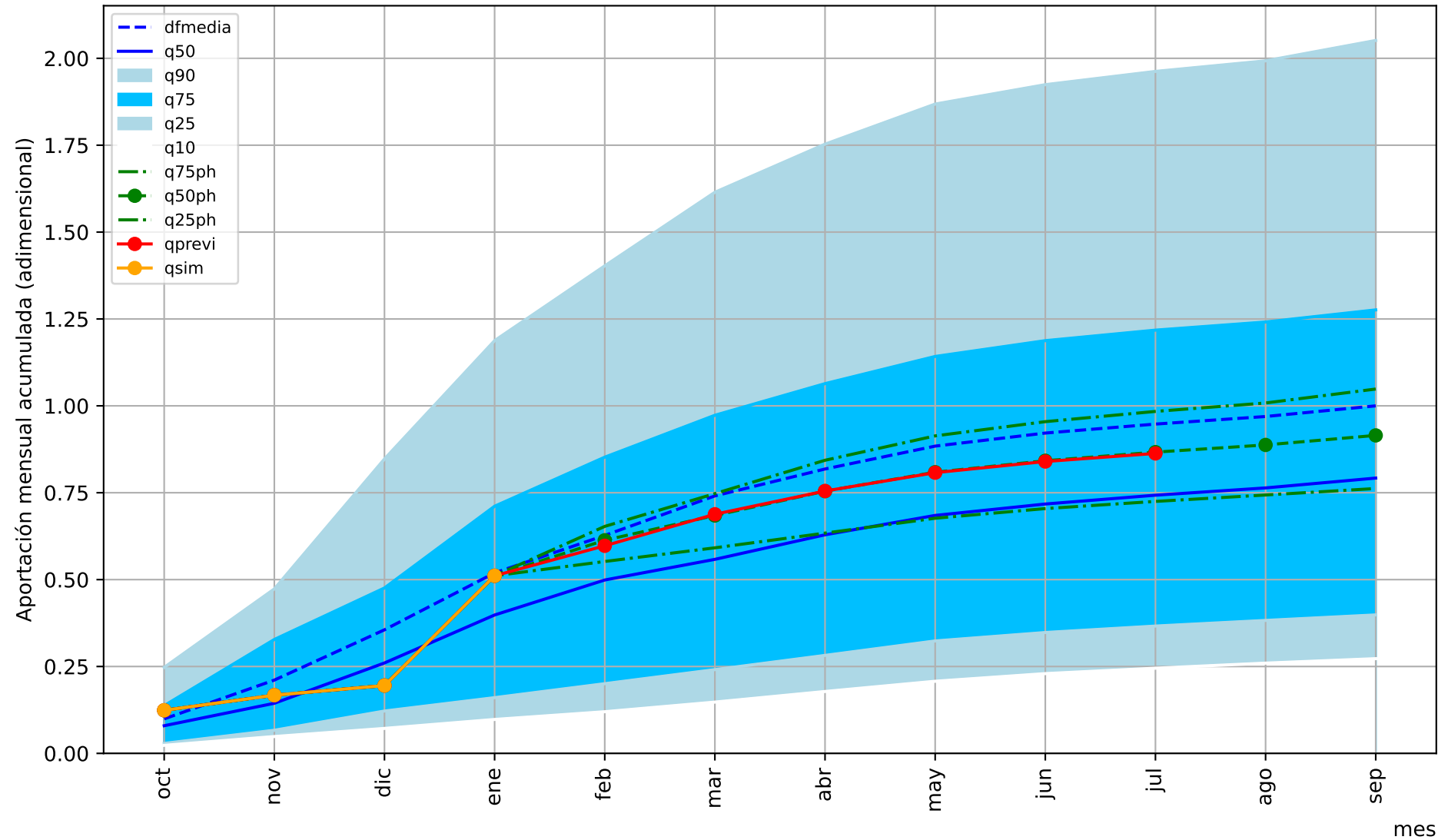


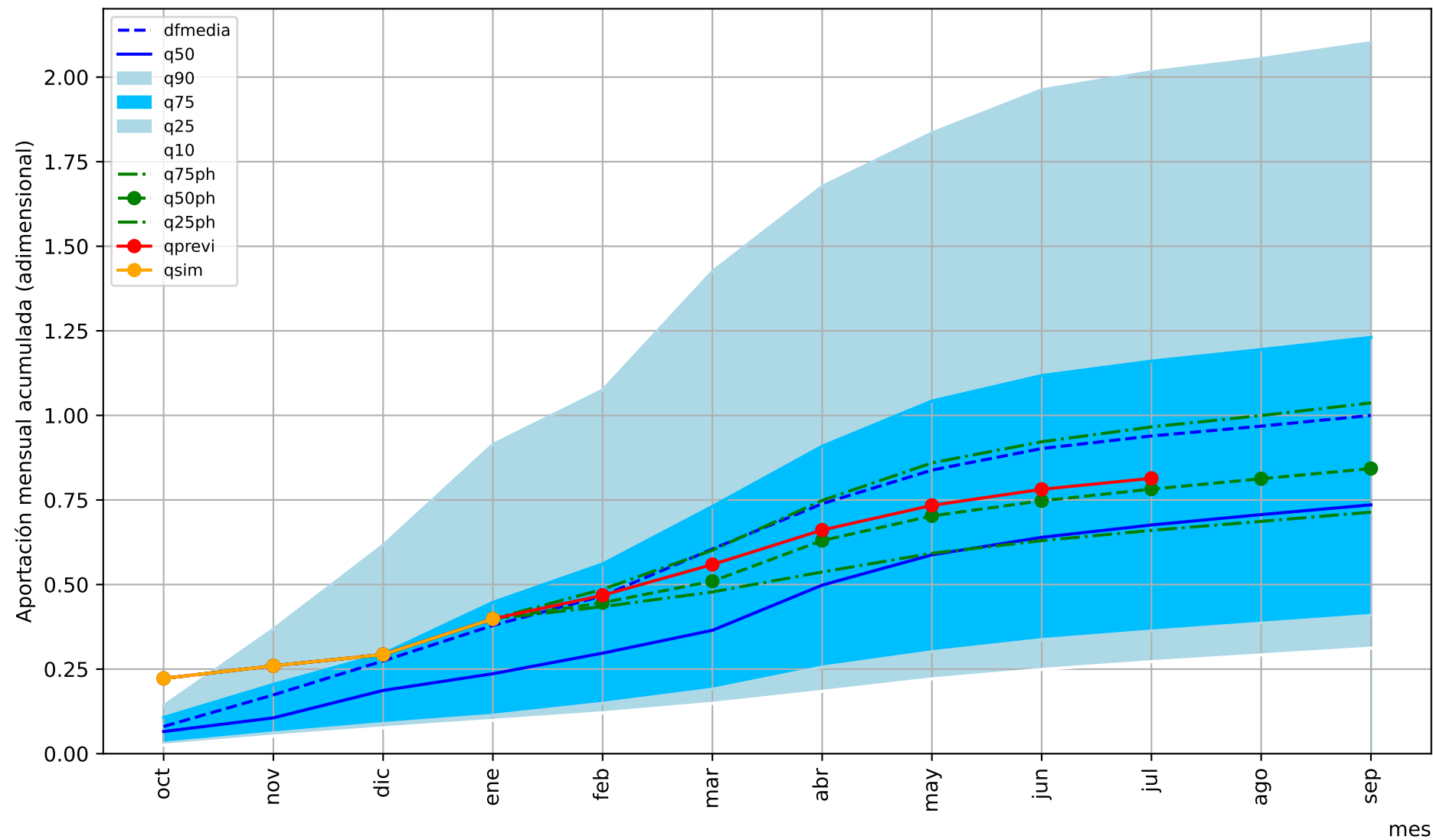


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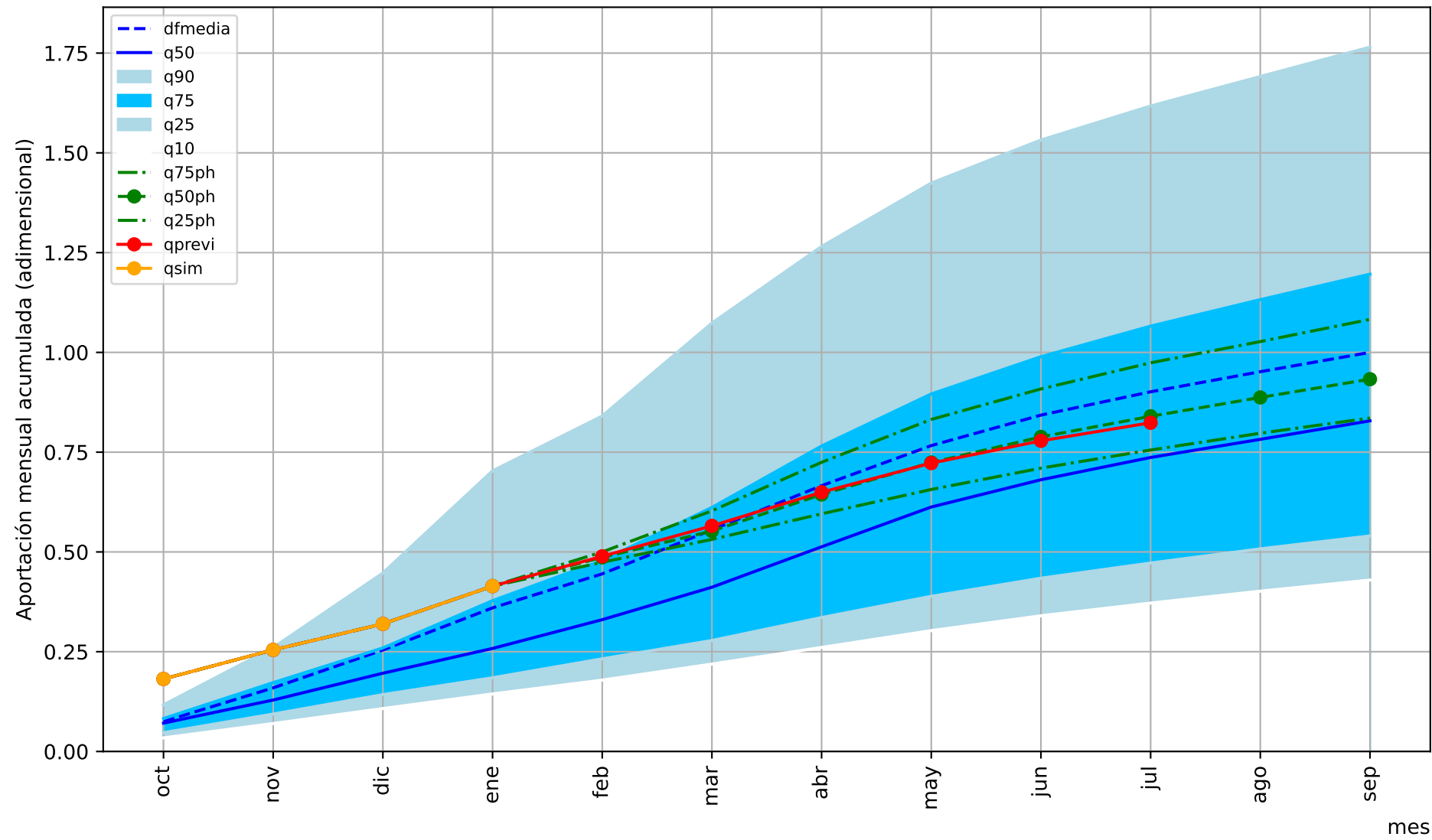


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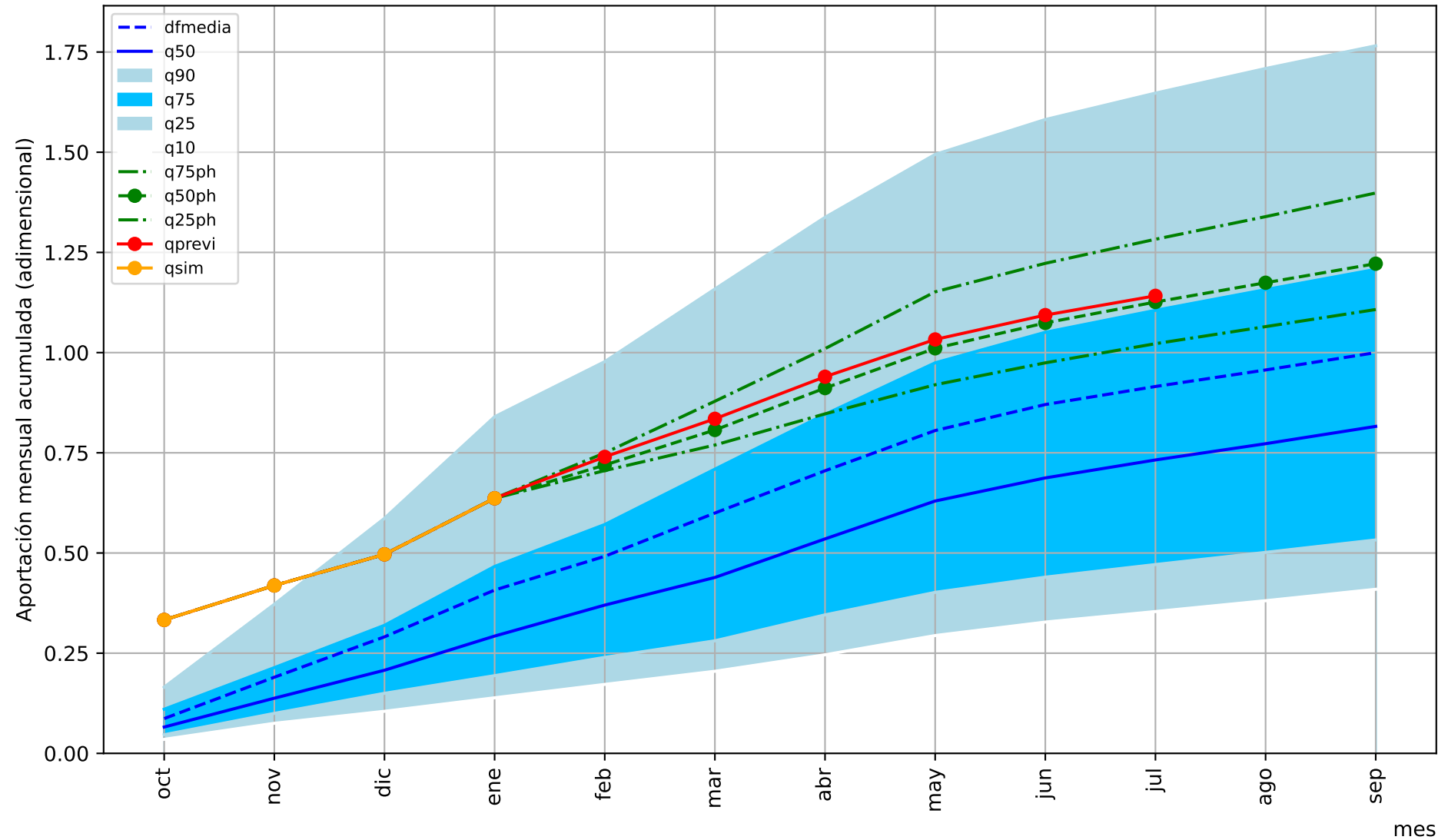


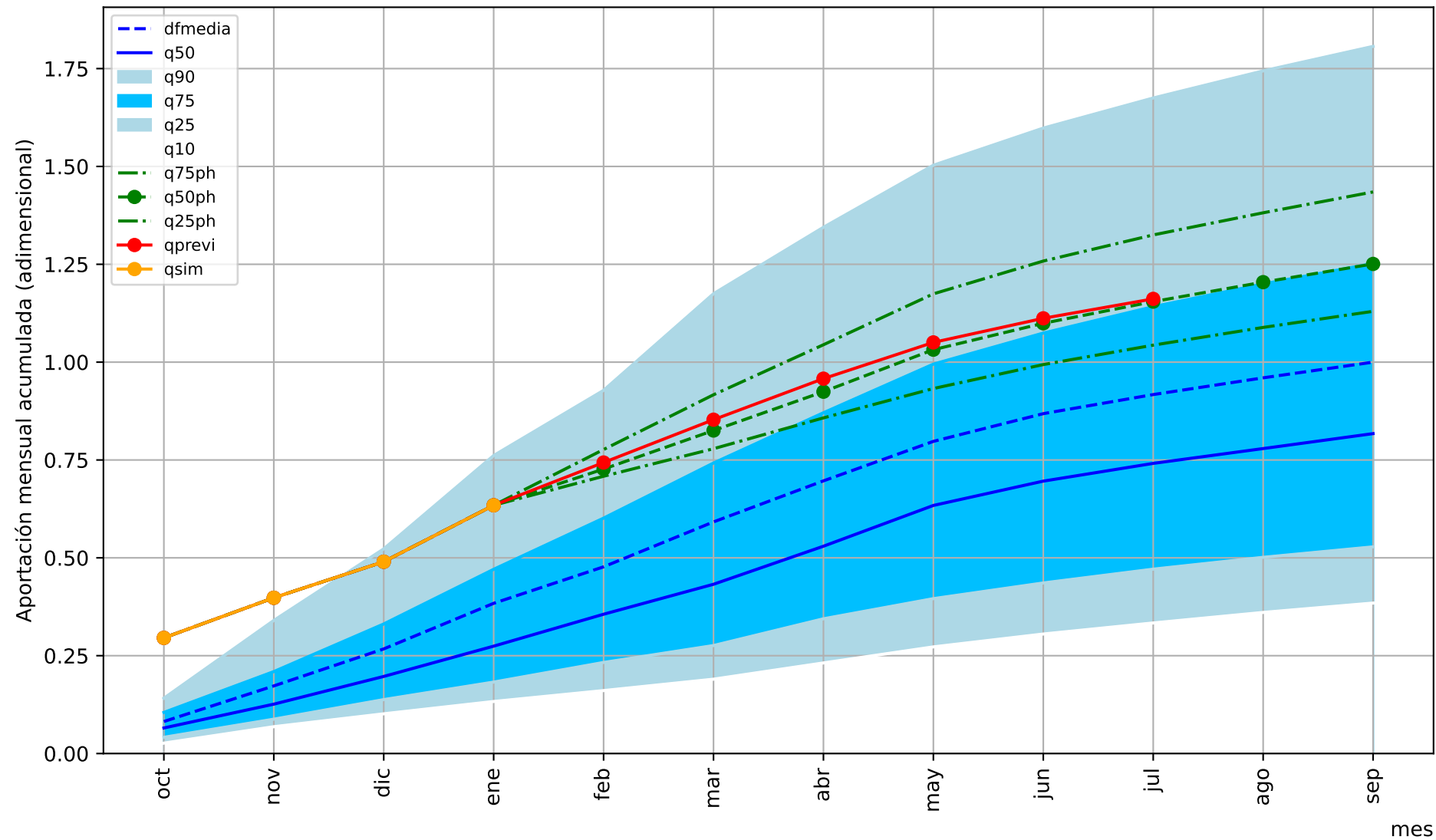


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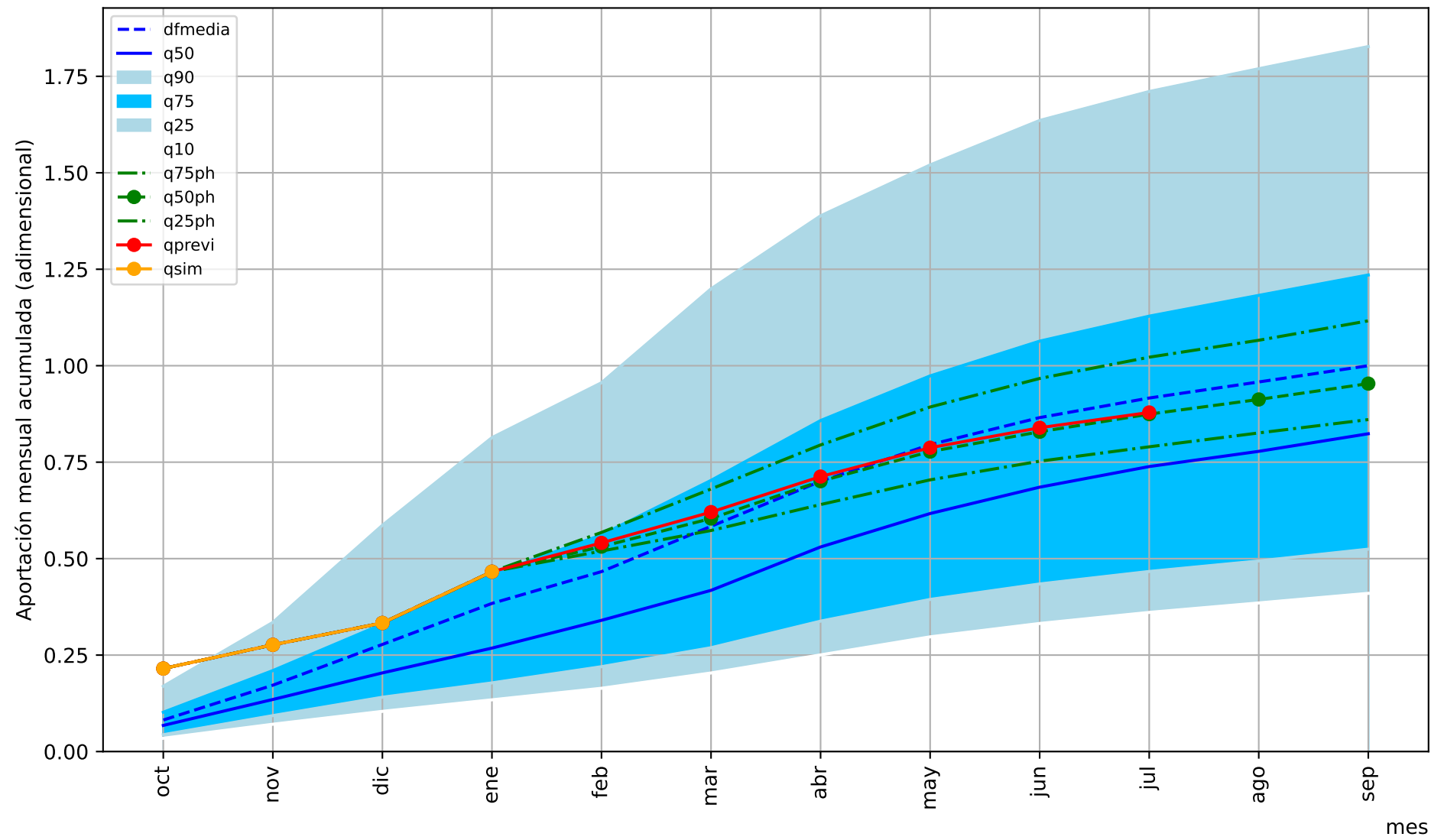
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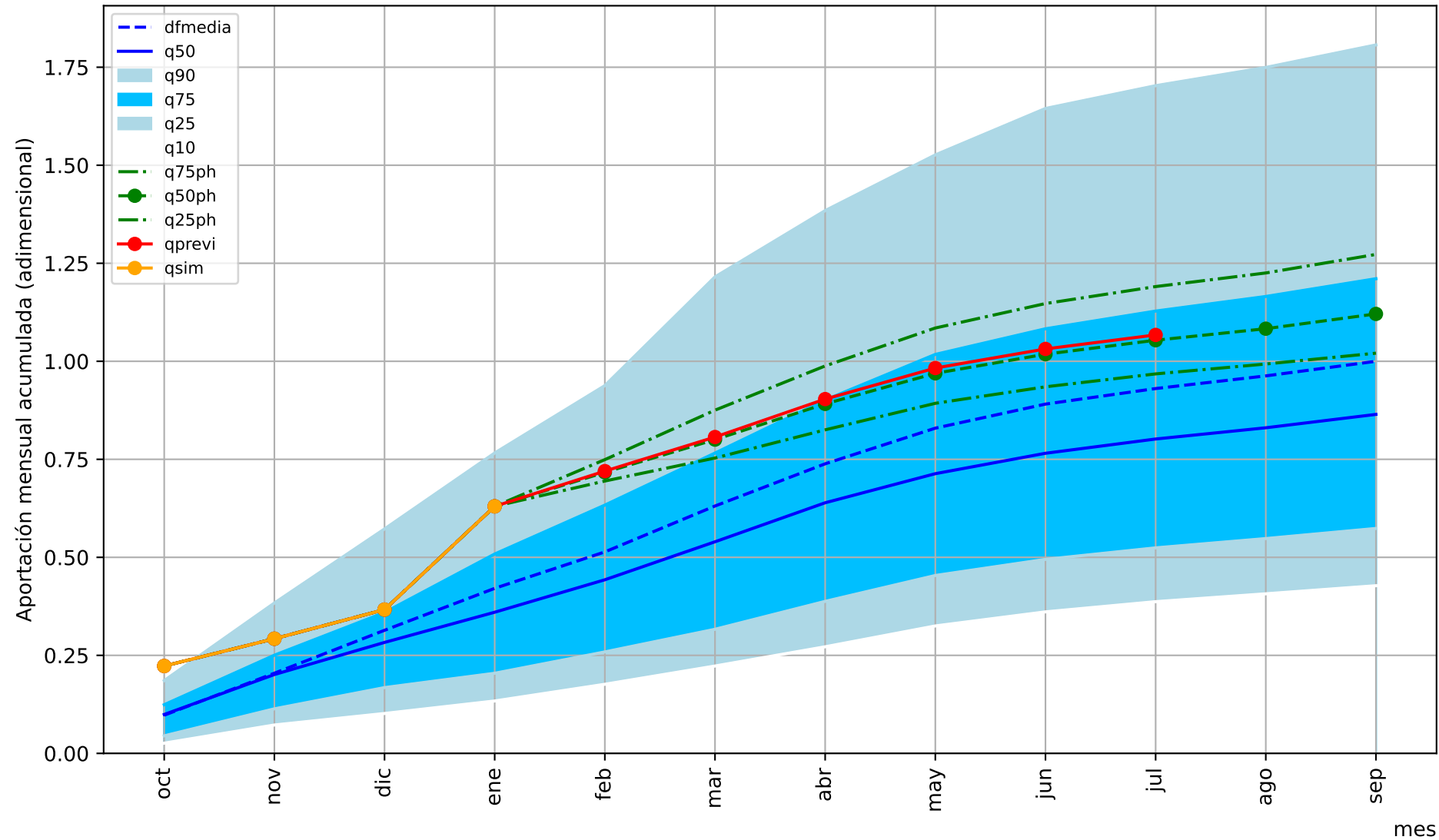


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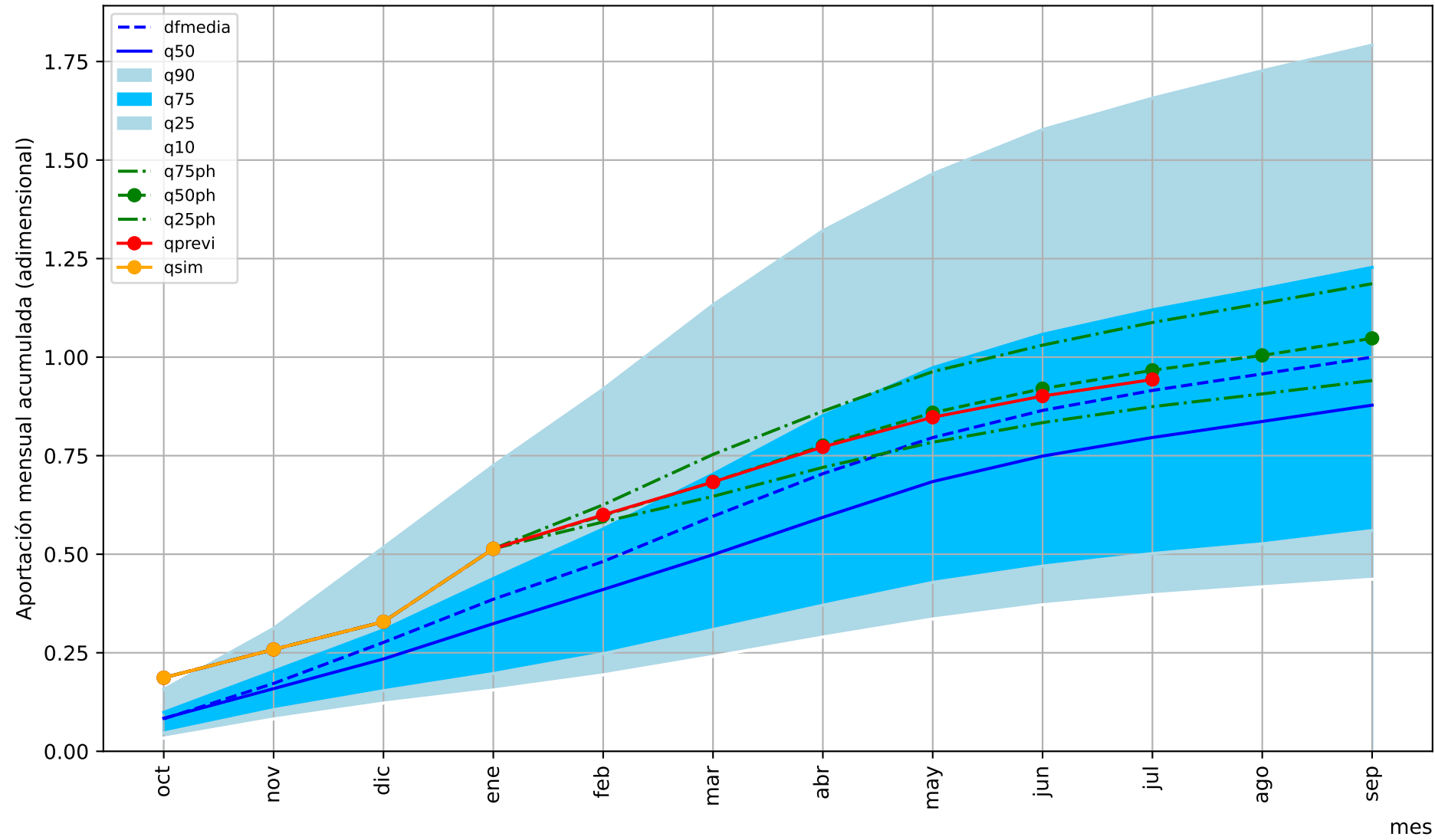
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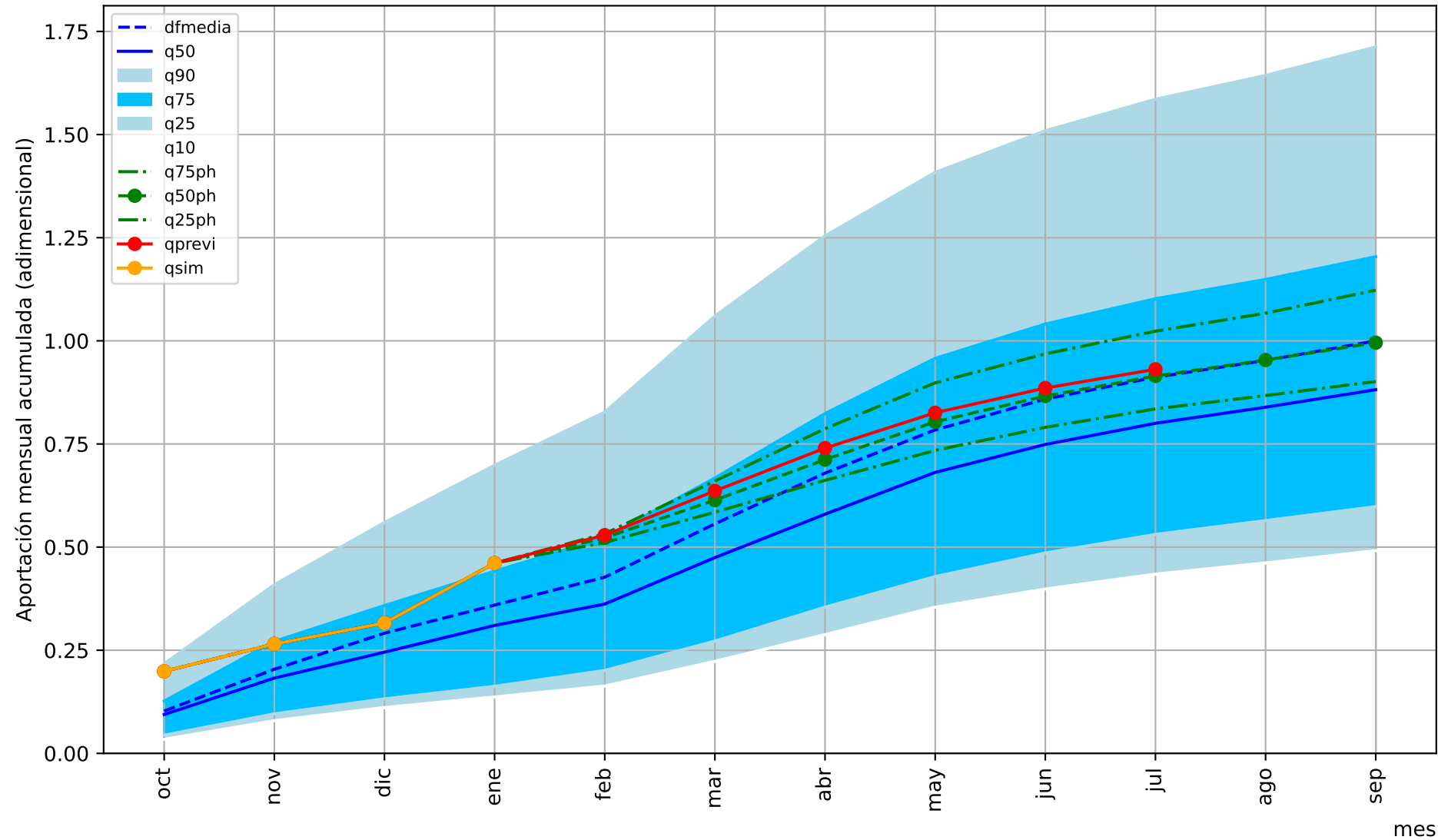


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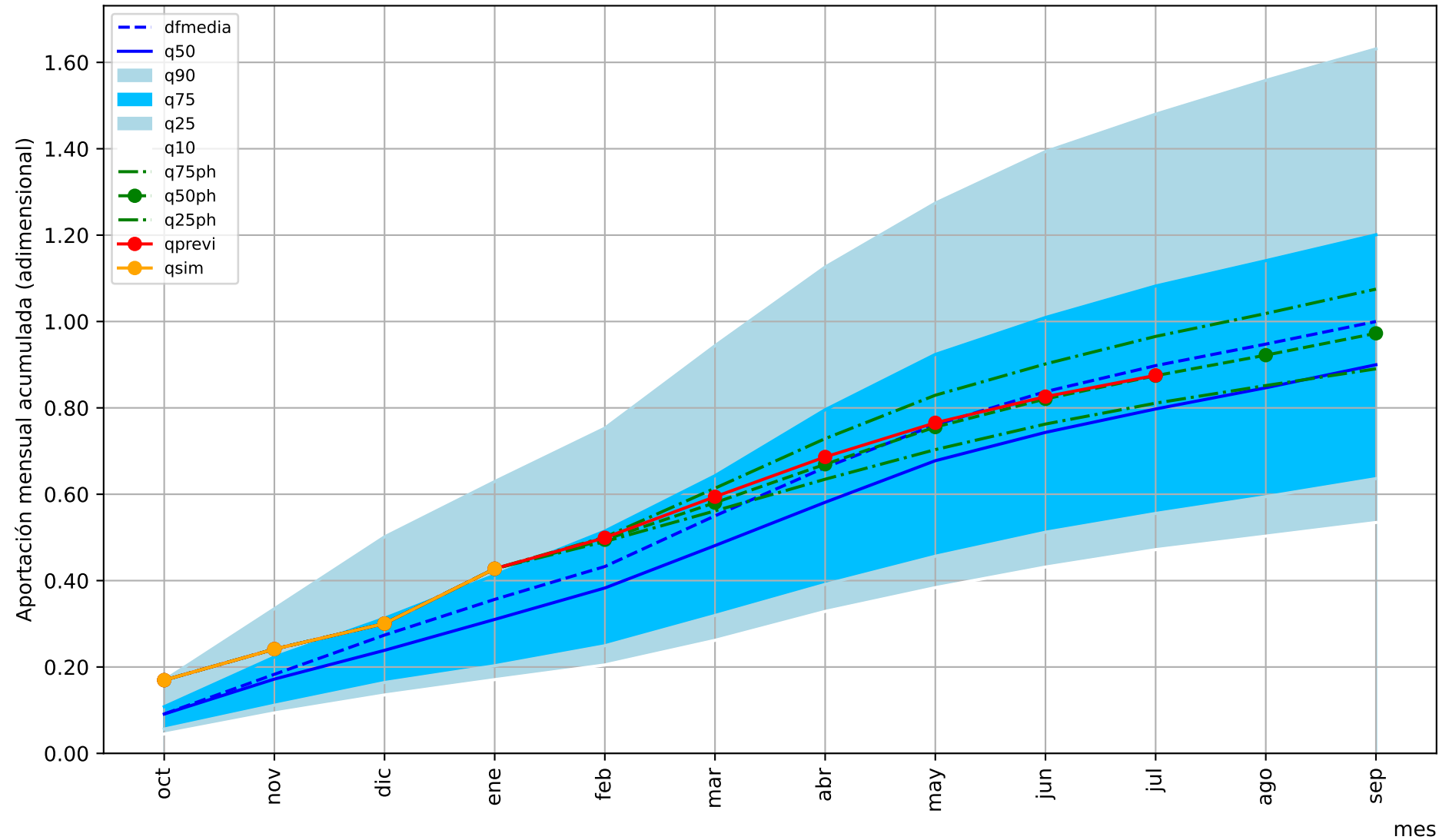


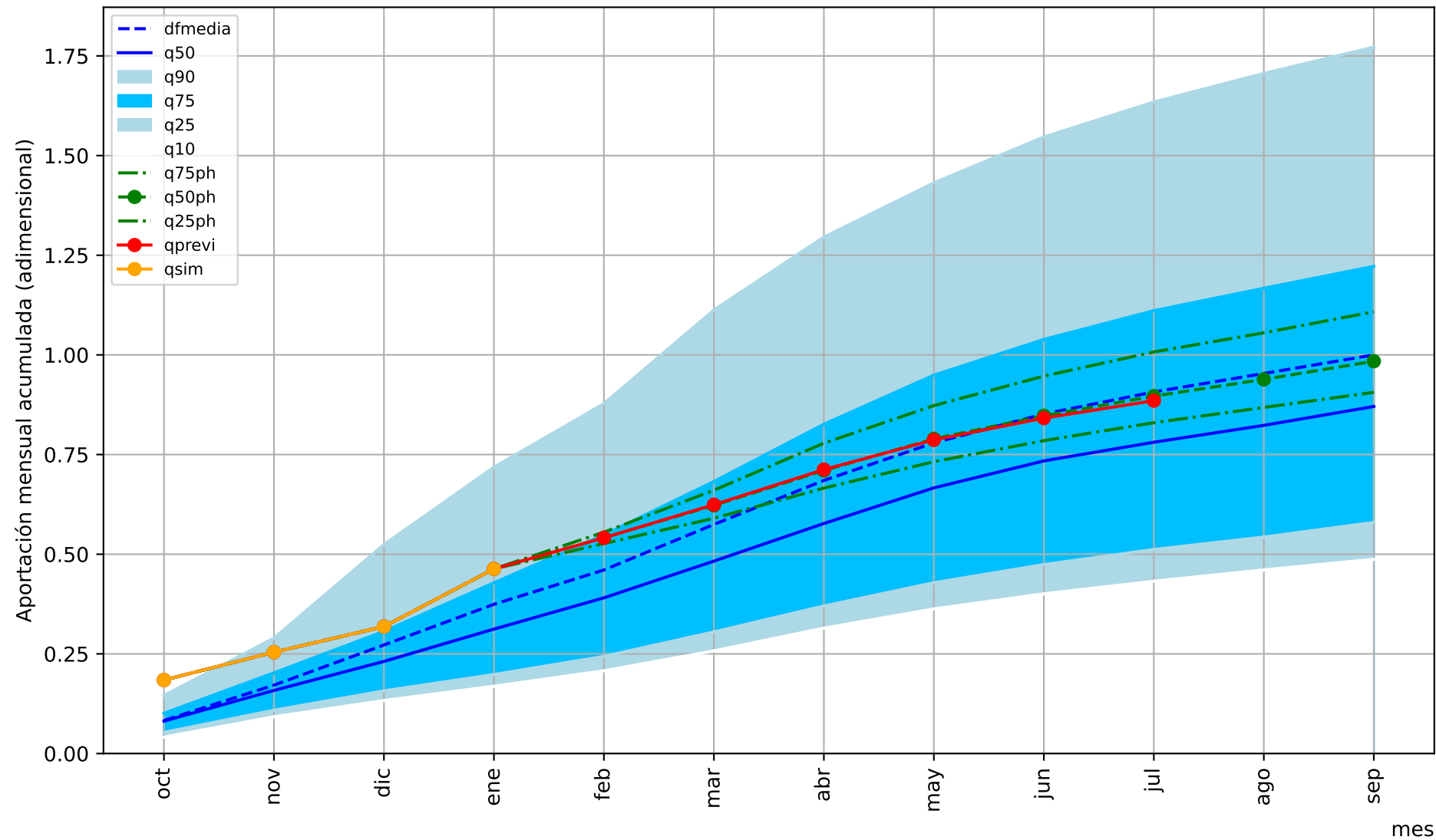
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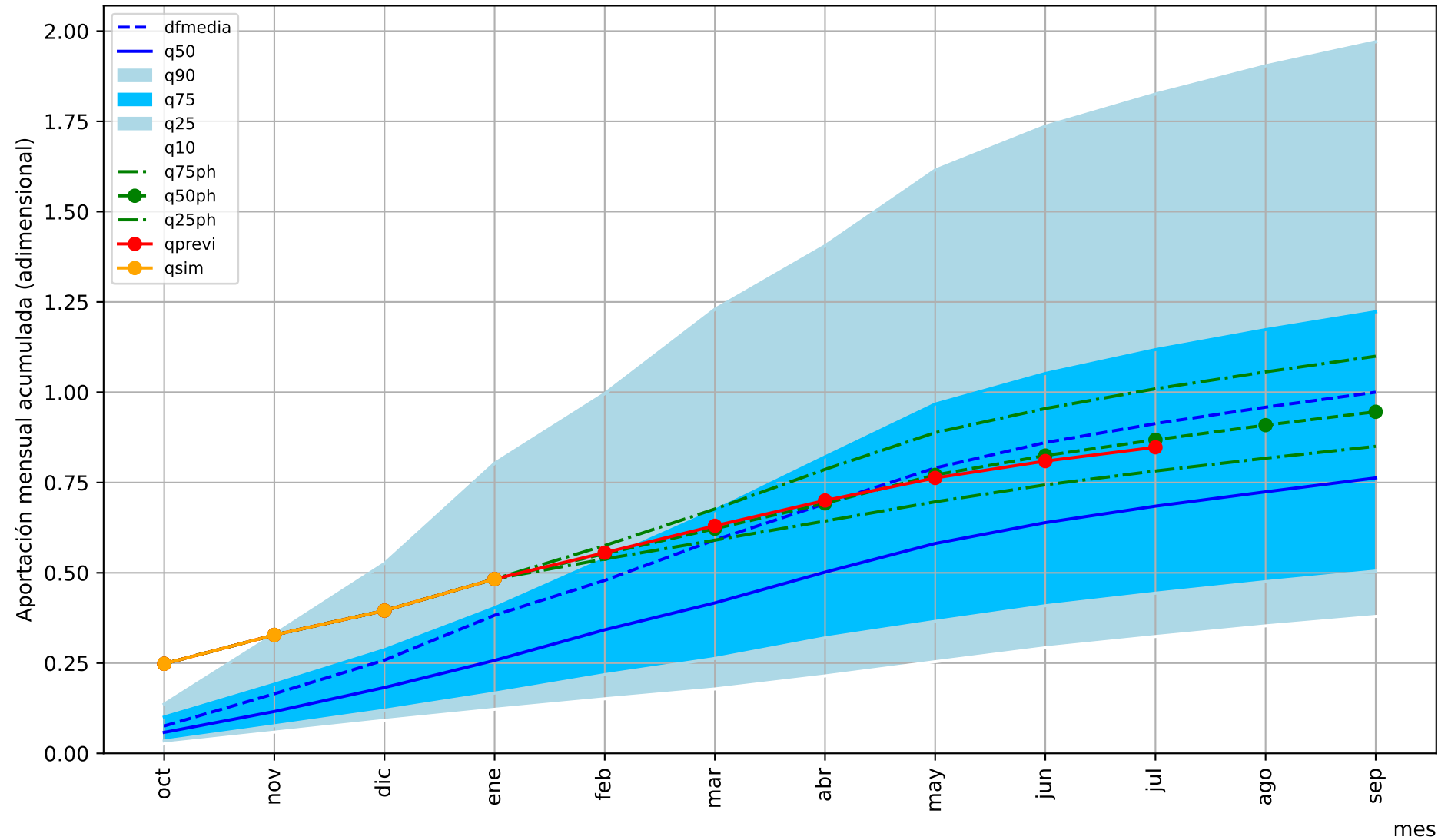


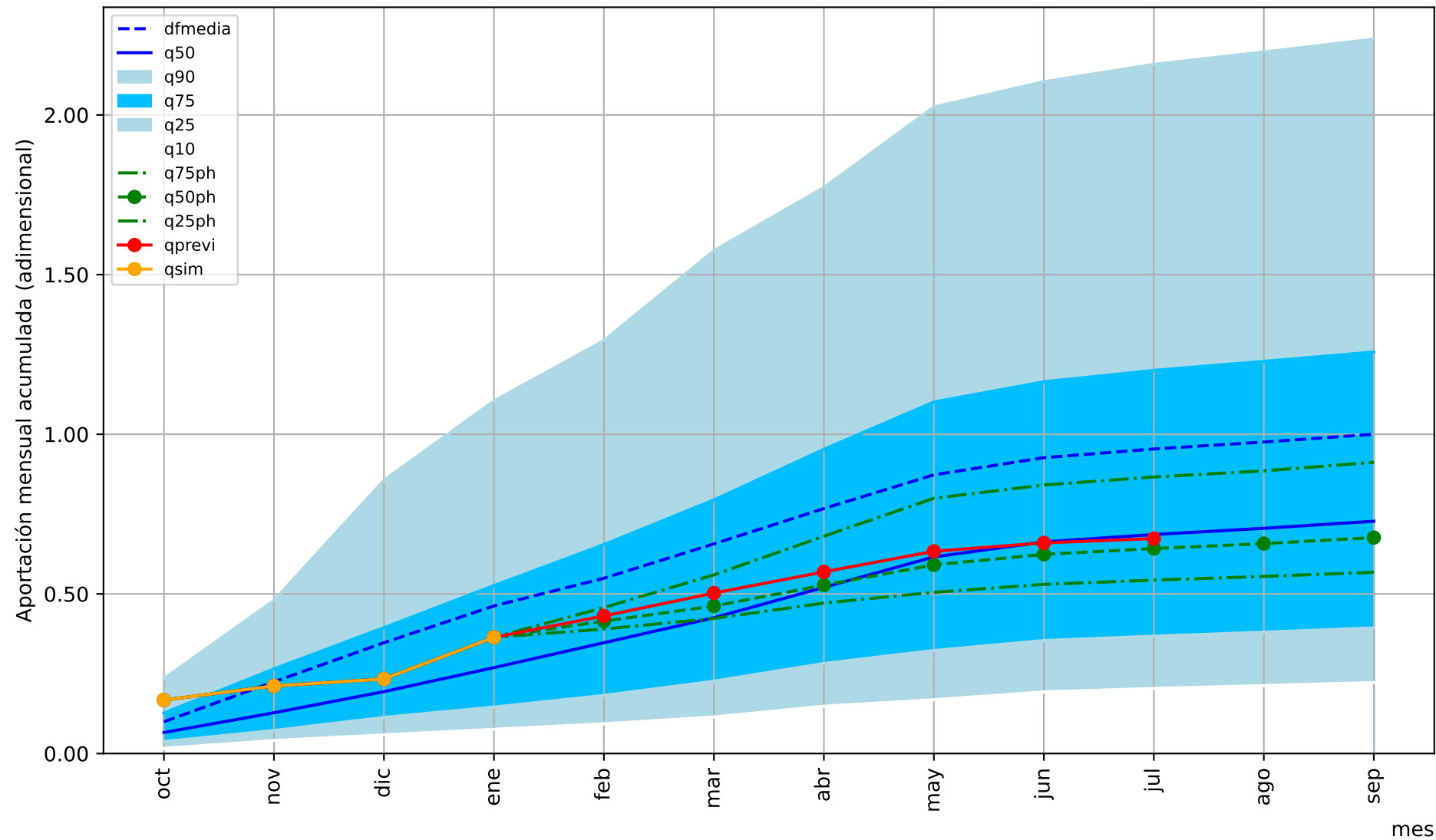
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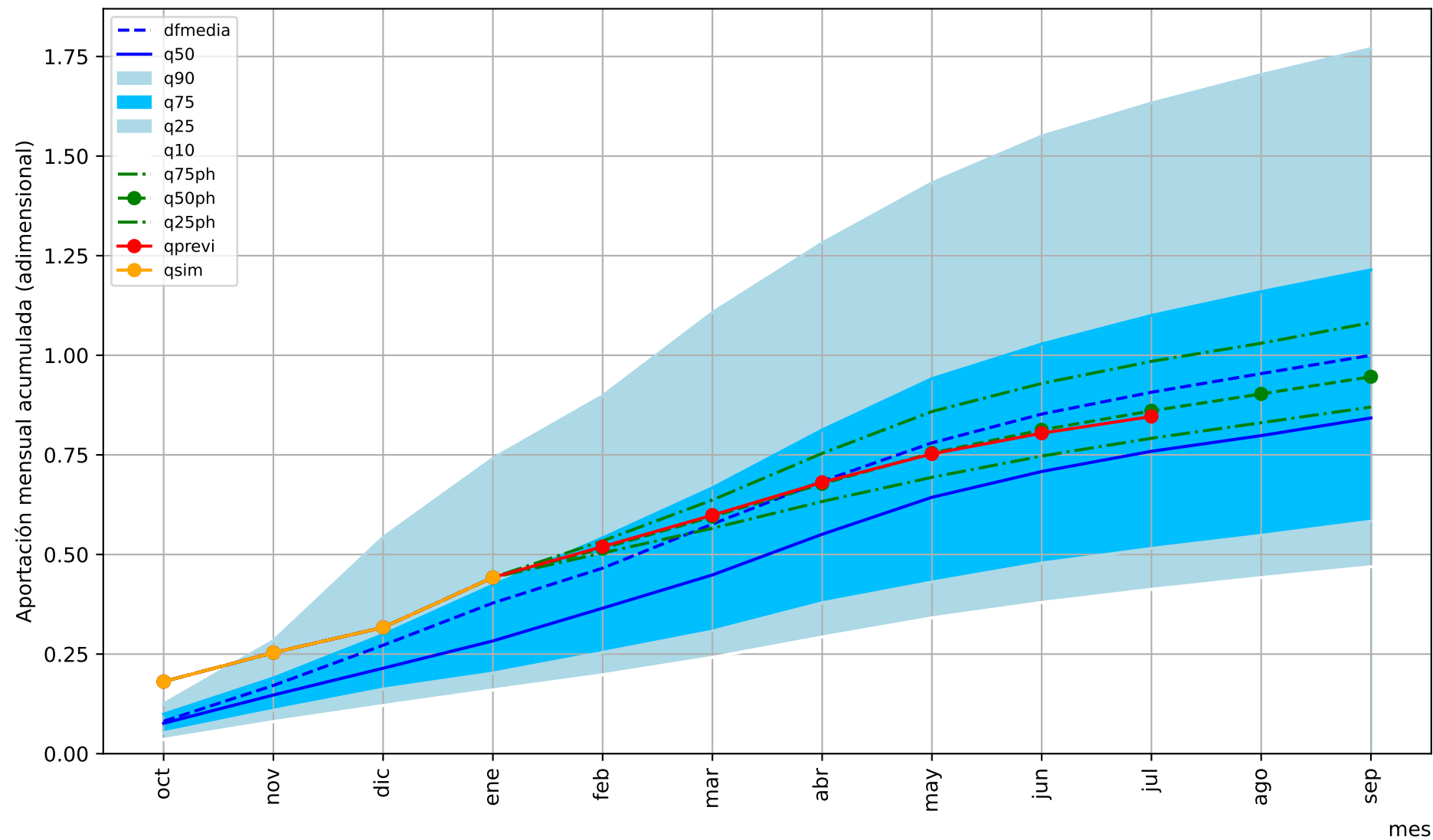
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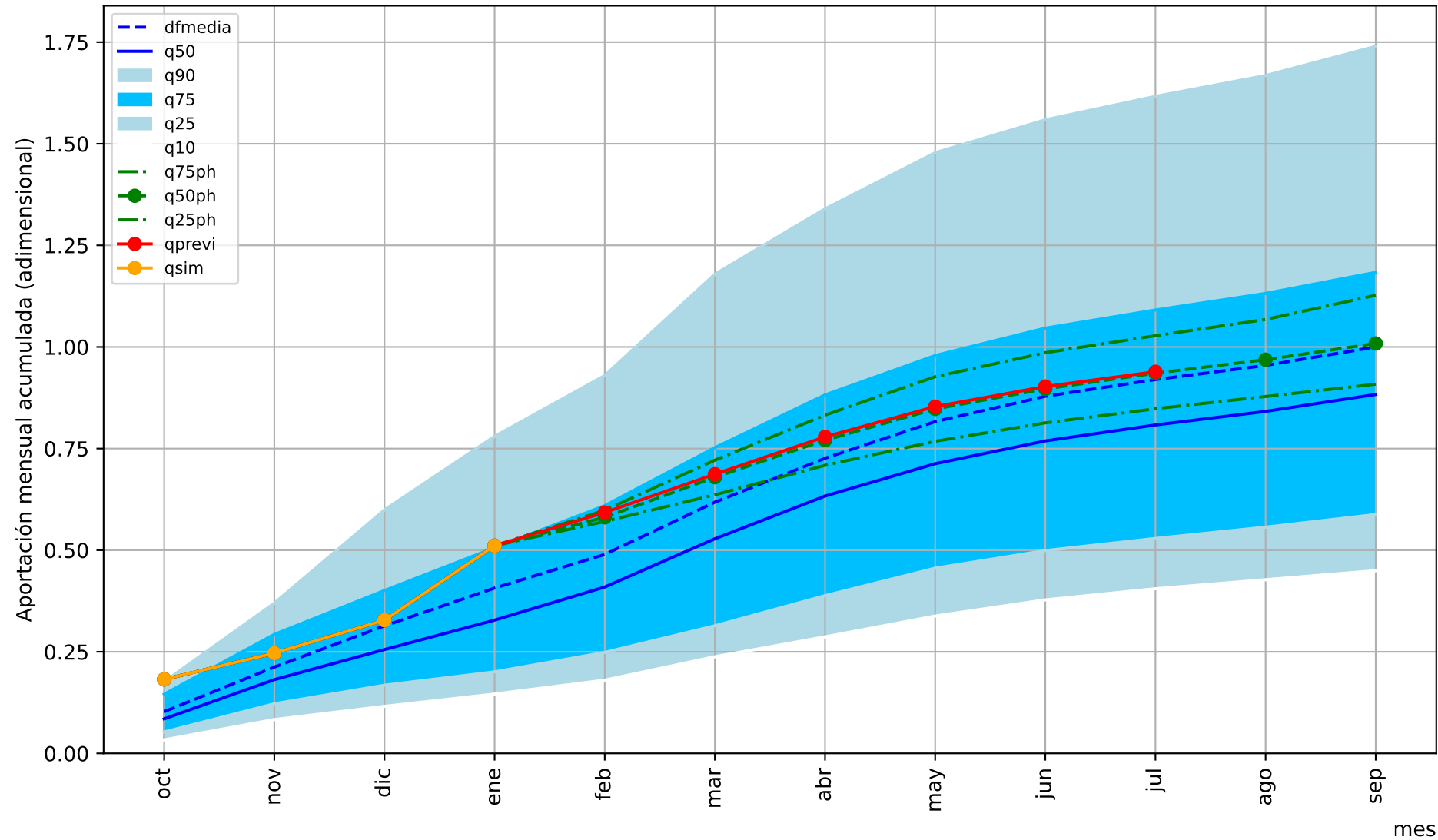


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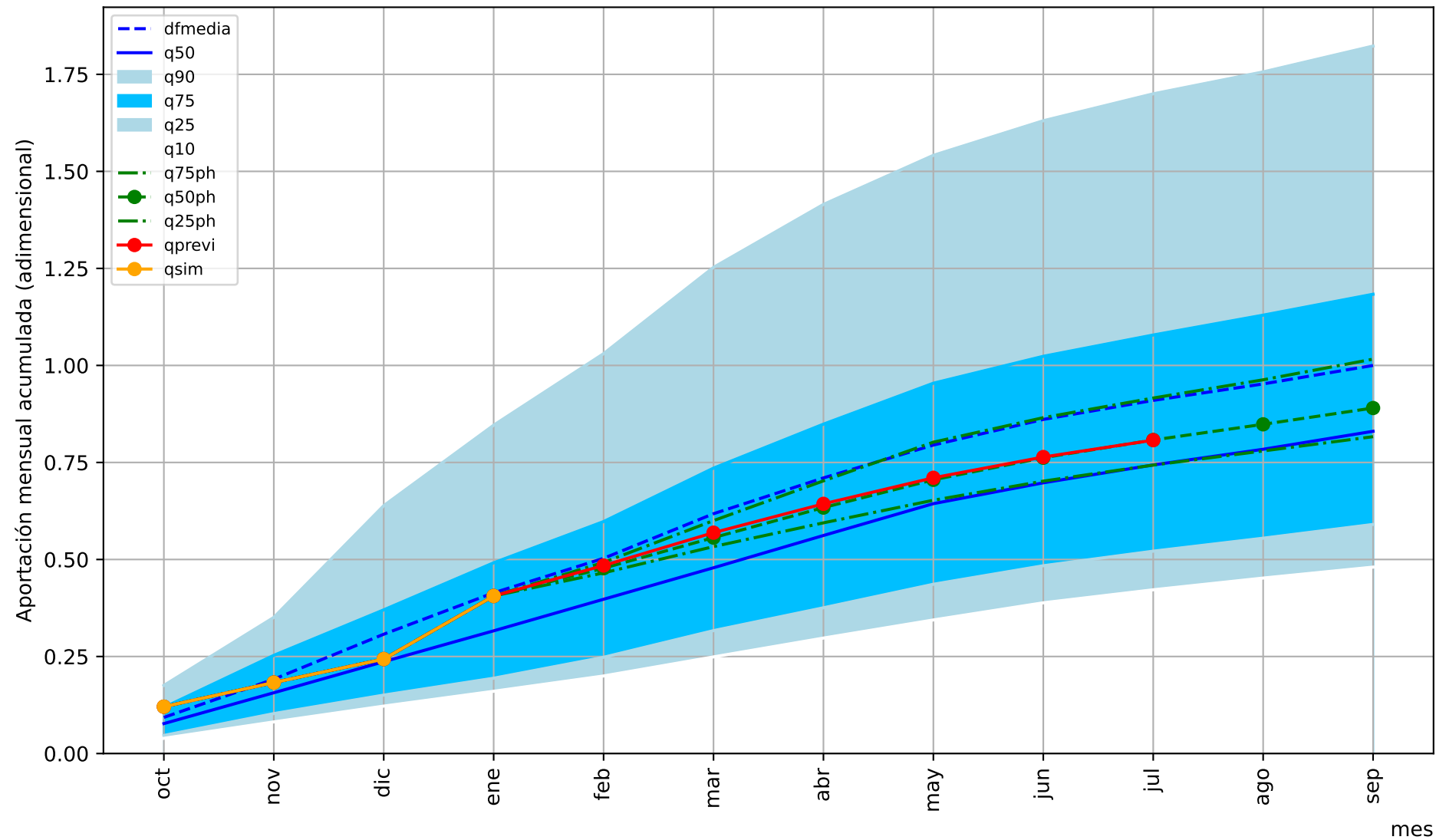
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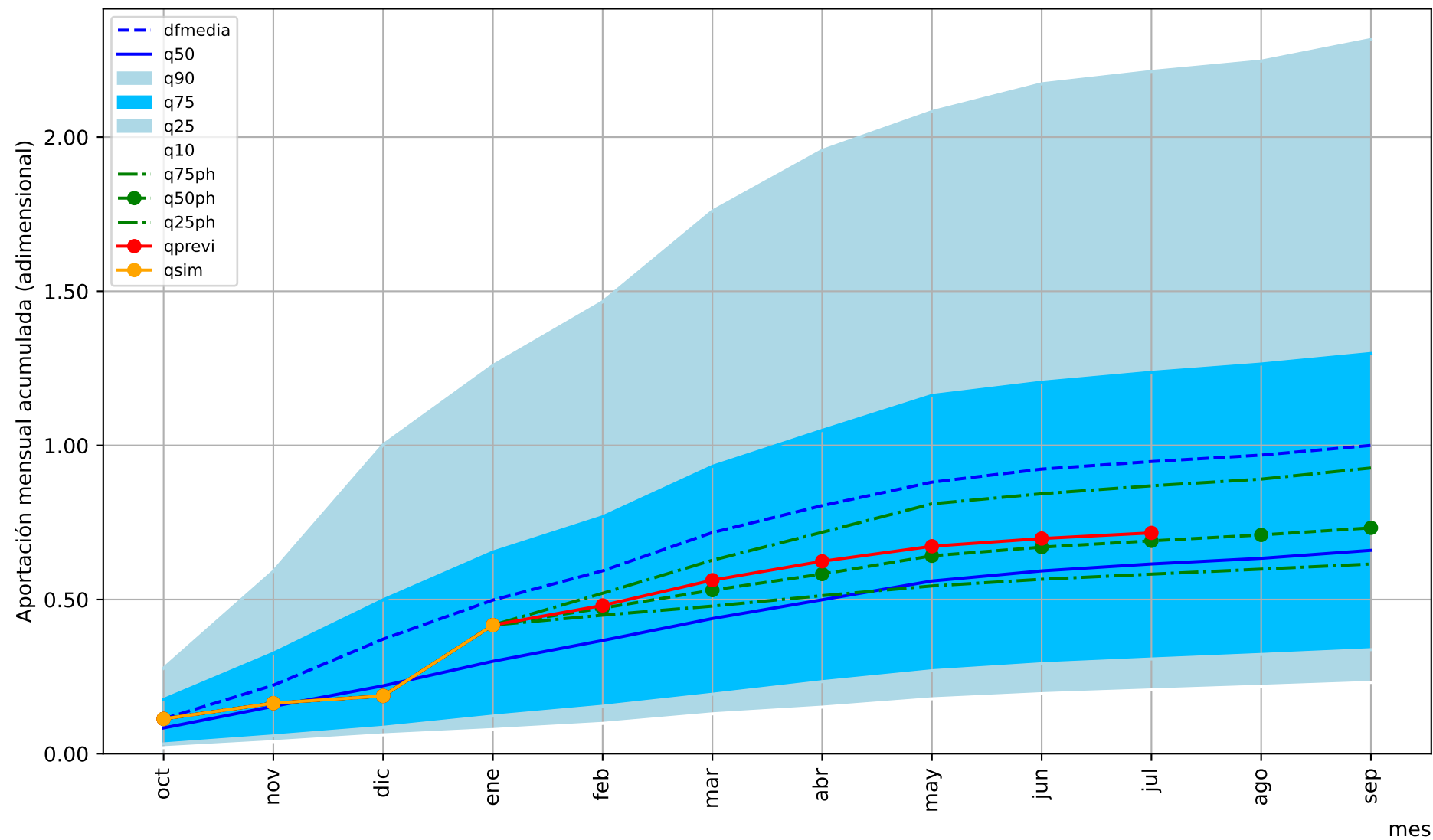


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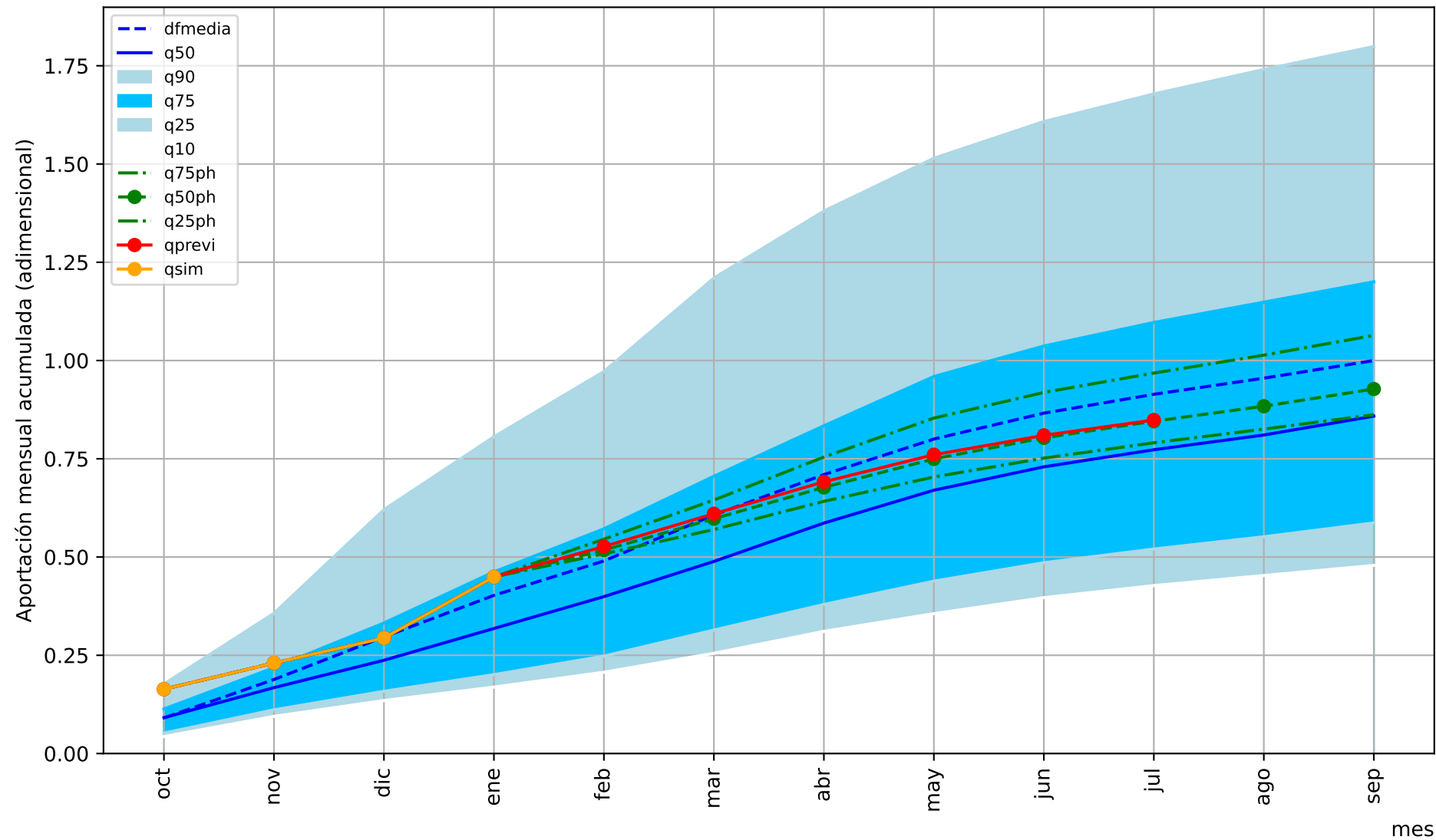


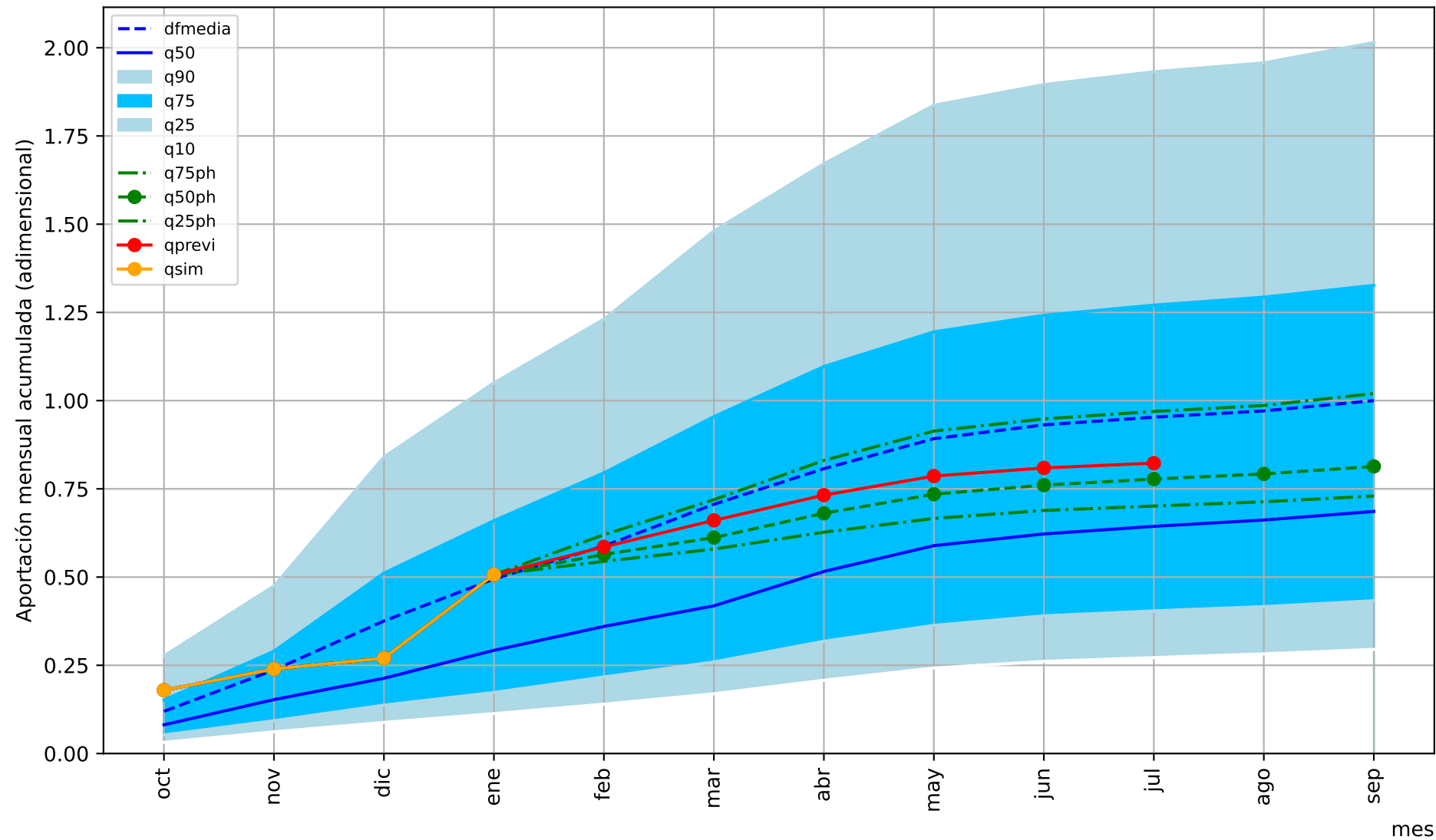


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Predicción cuenca del:

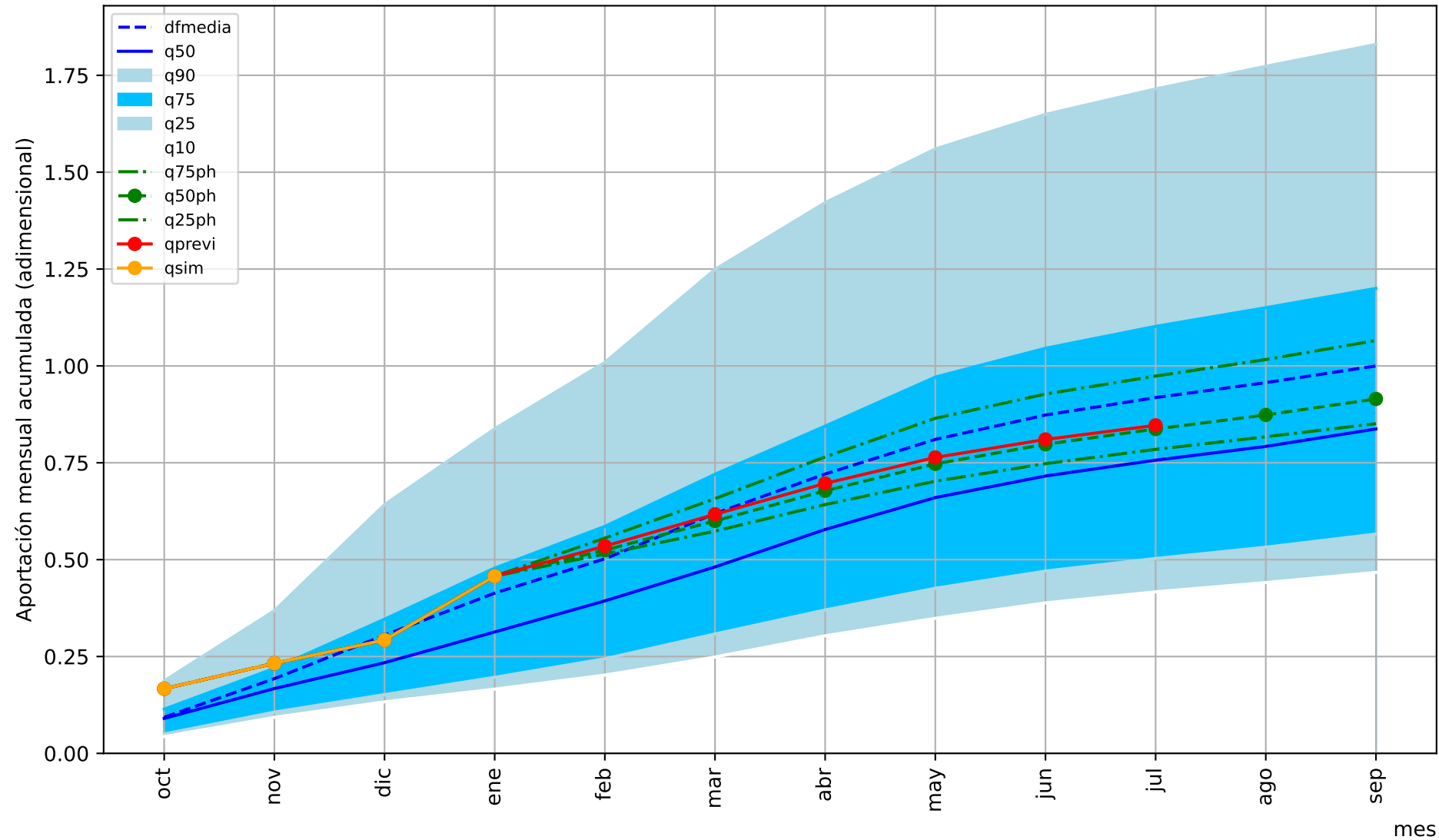
Río Duero aguas arriba del Tormes (emb Castro, Villalcampo)





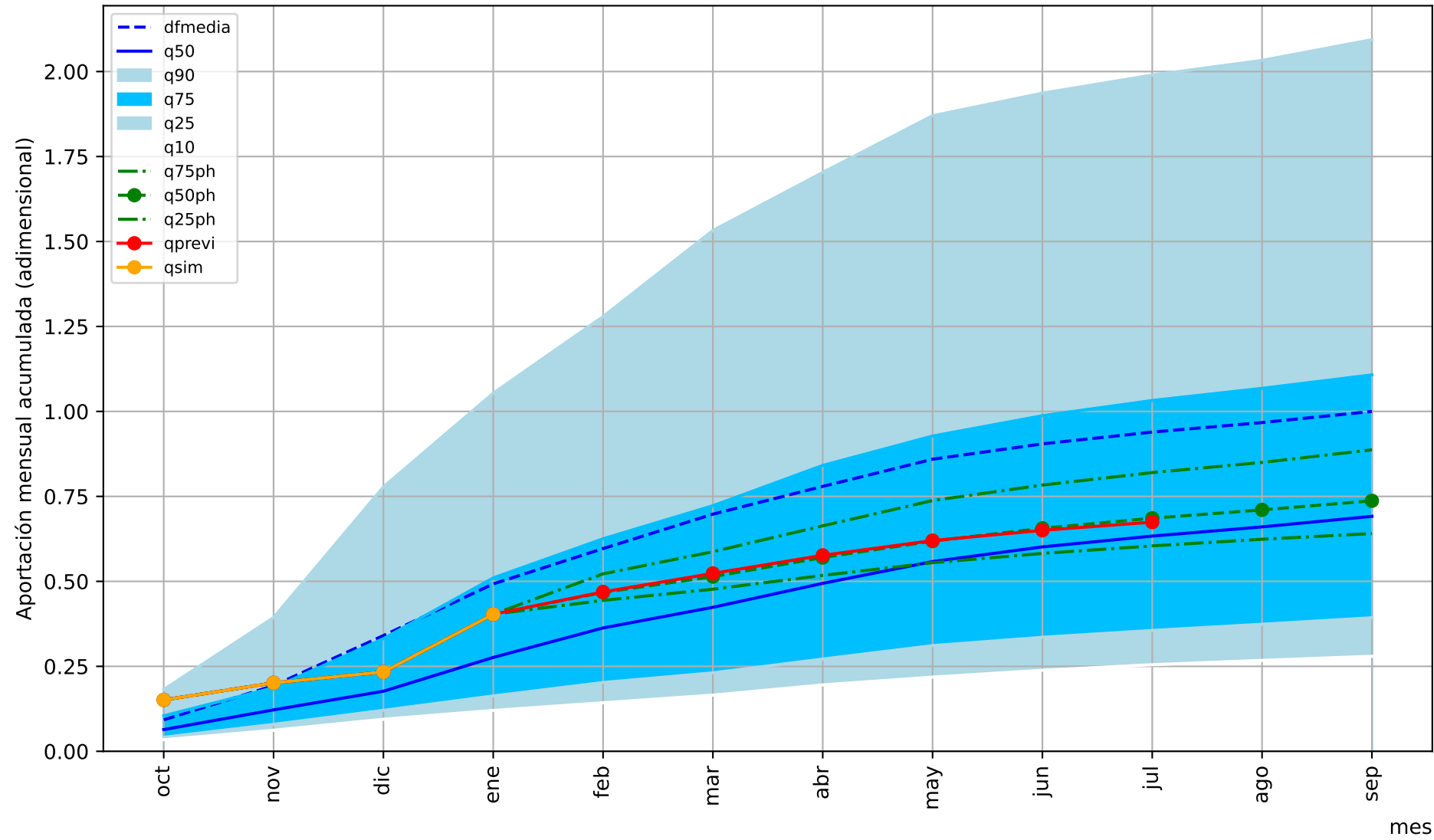
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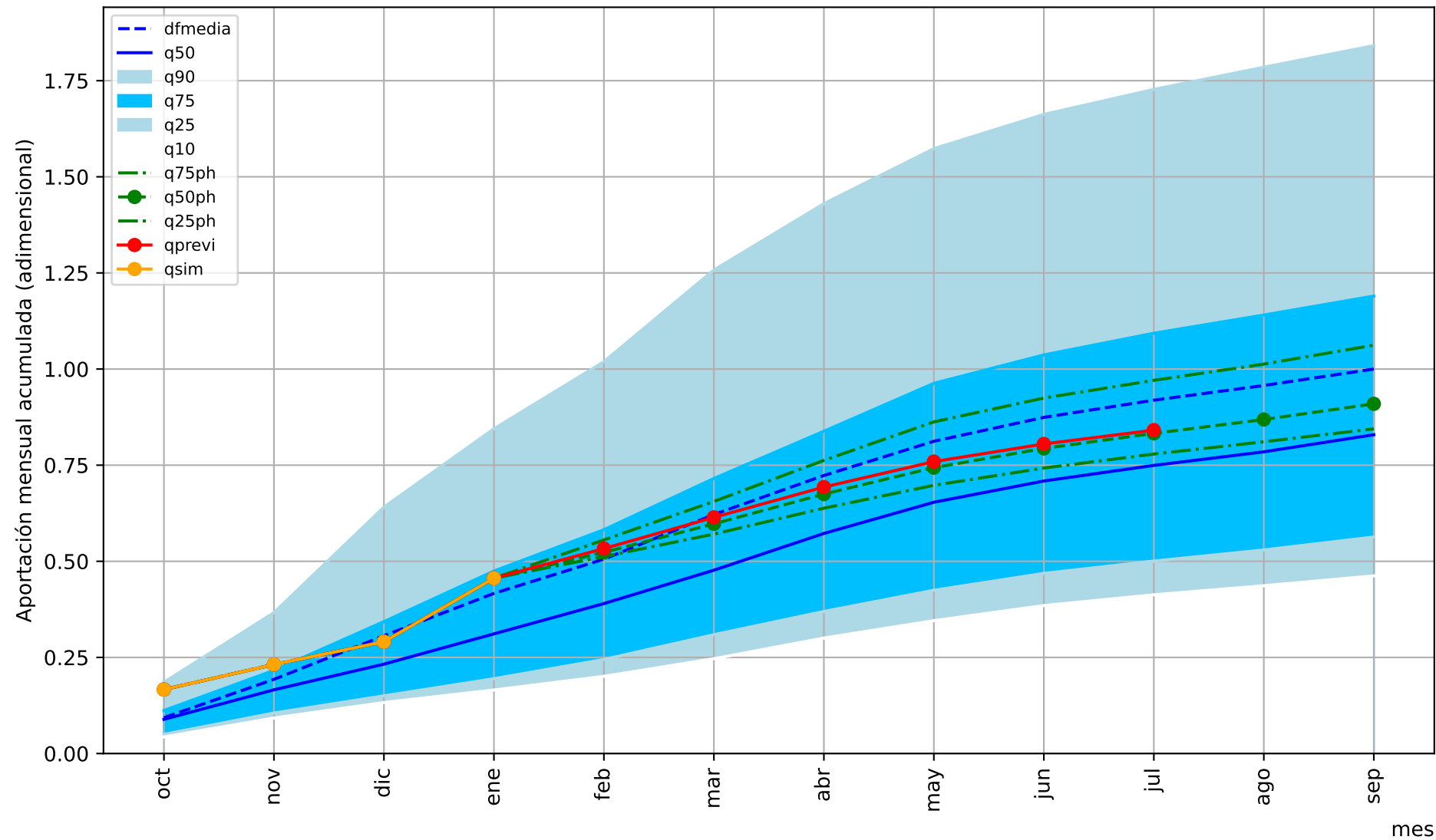


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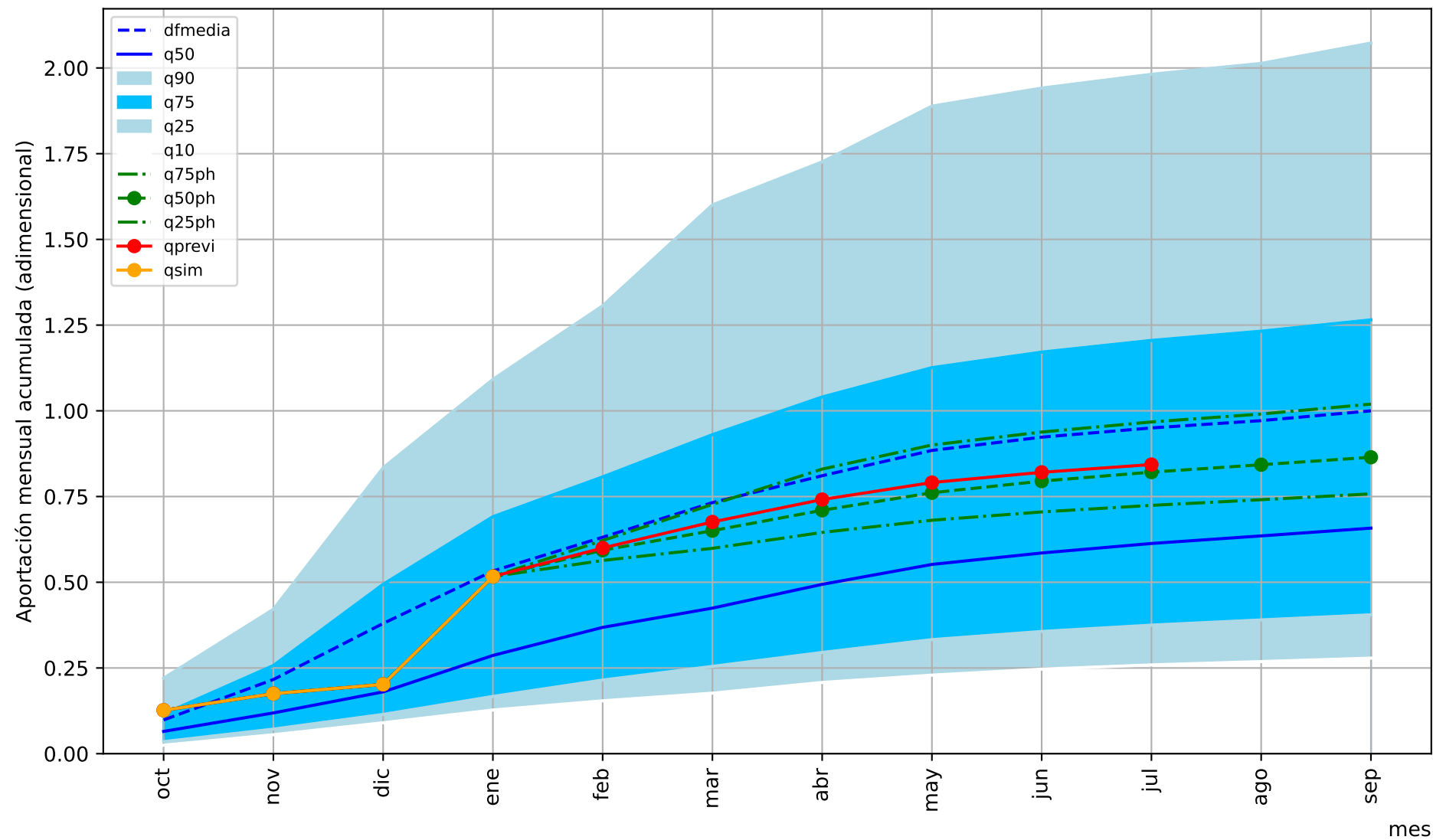
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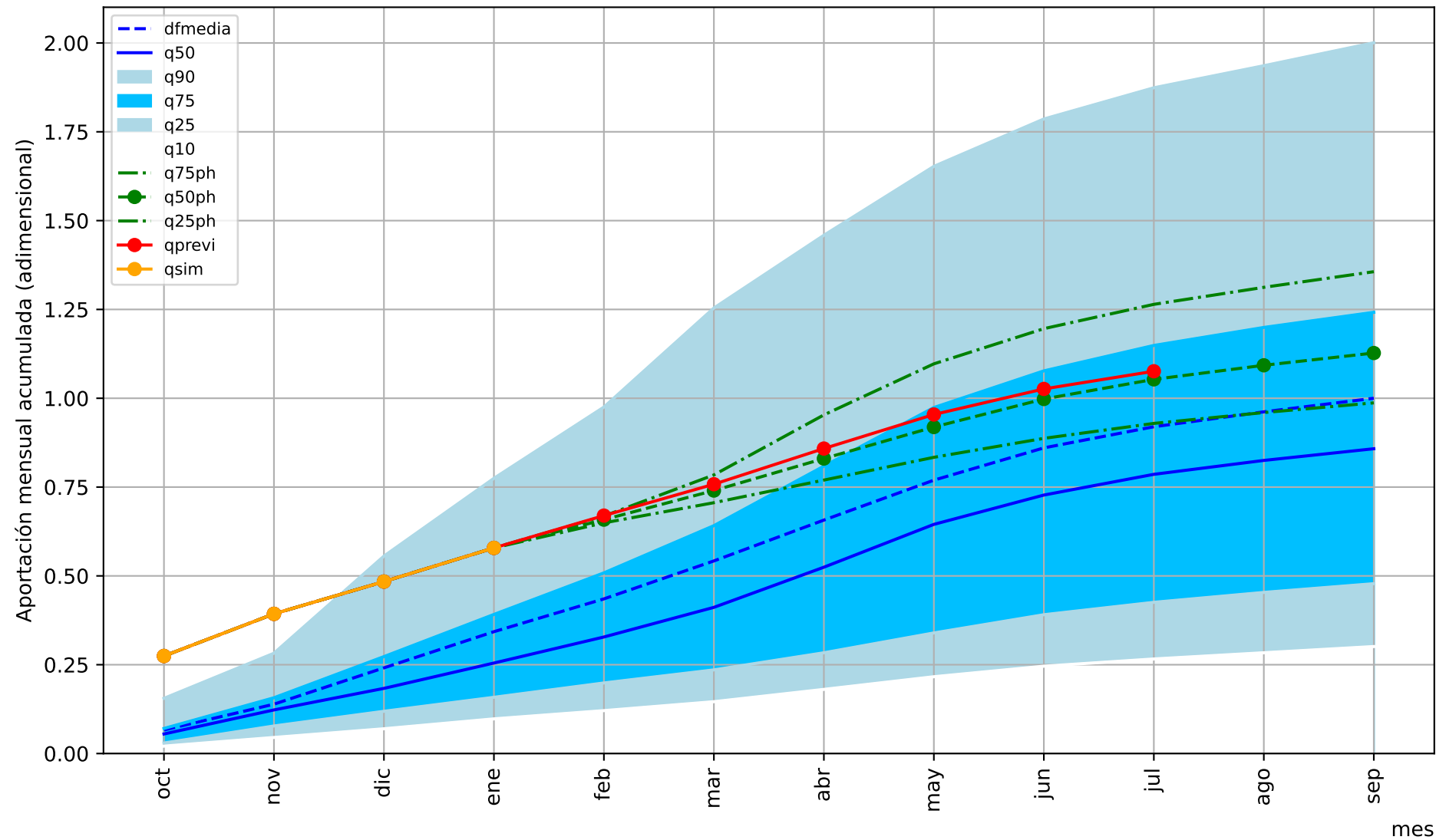
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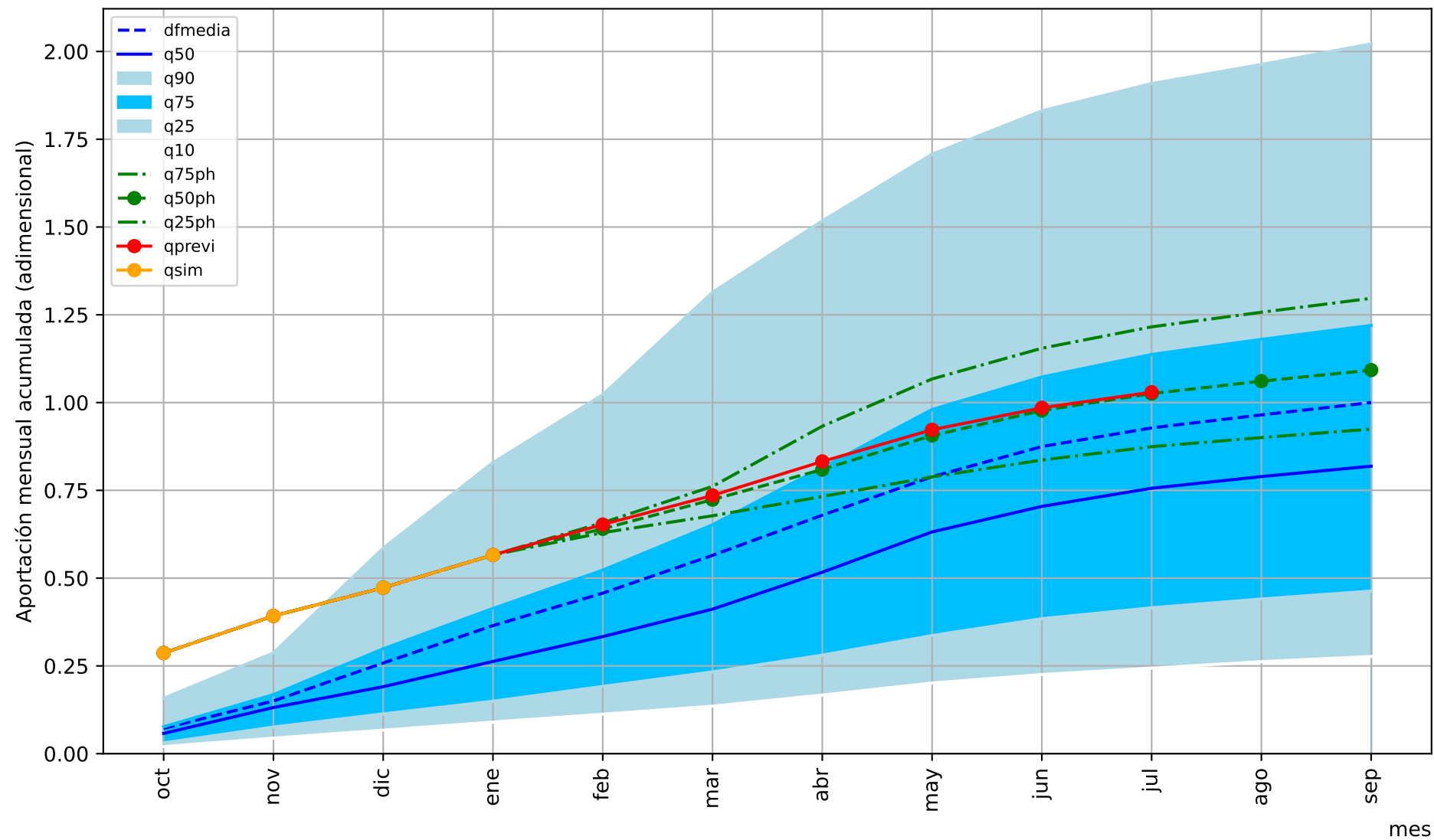


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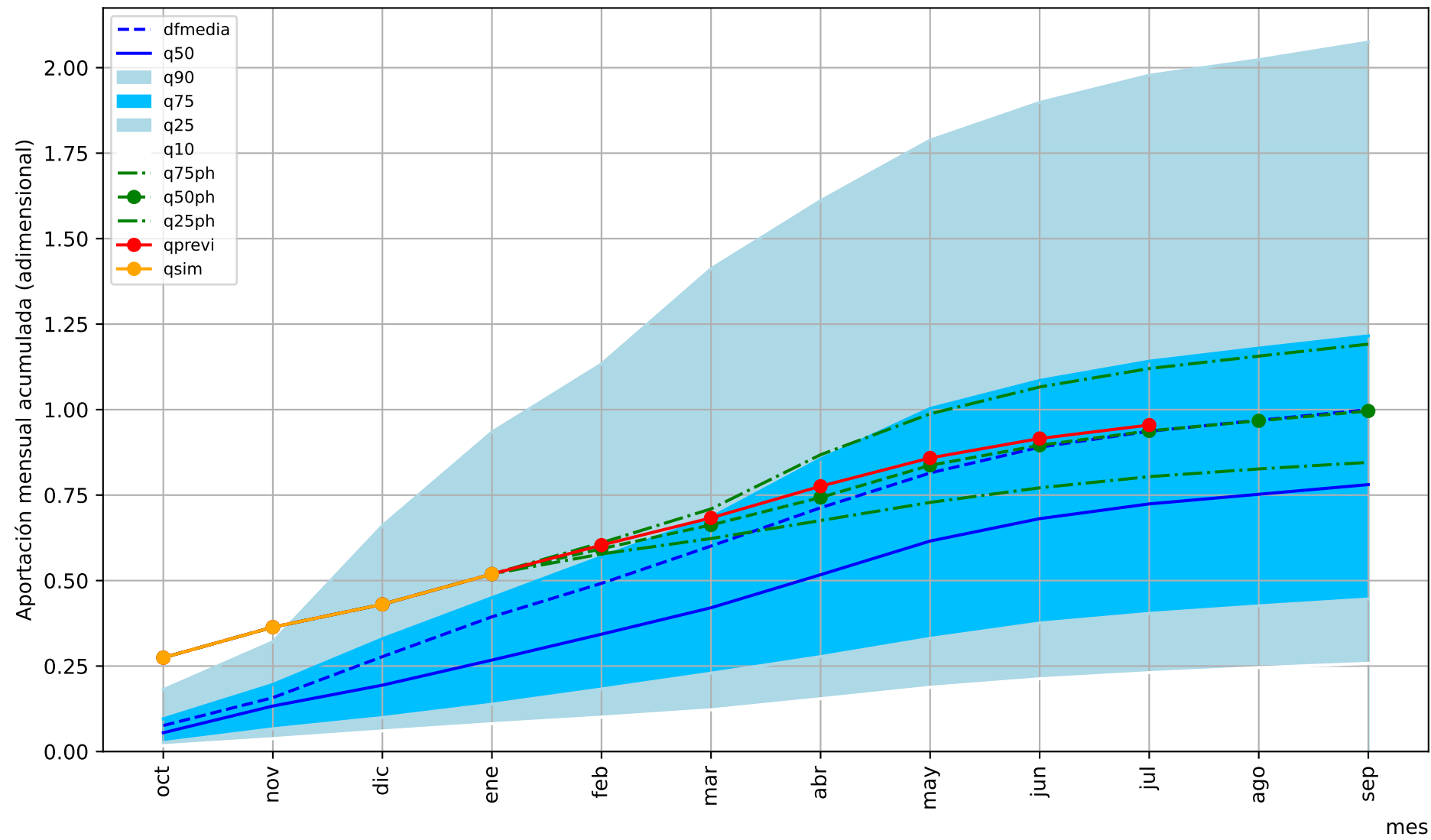


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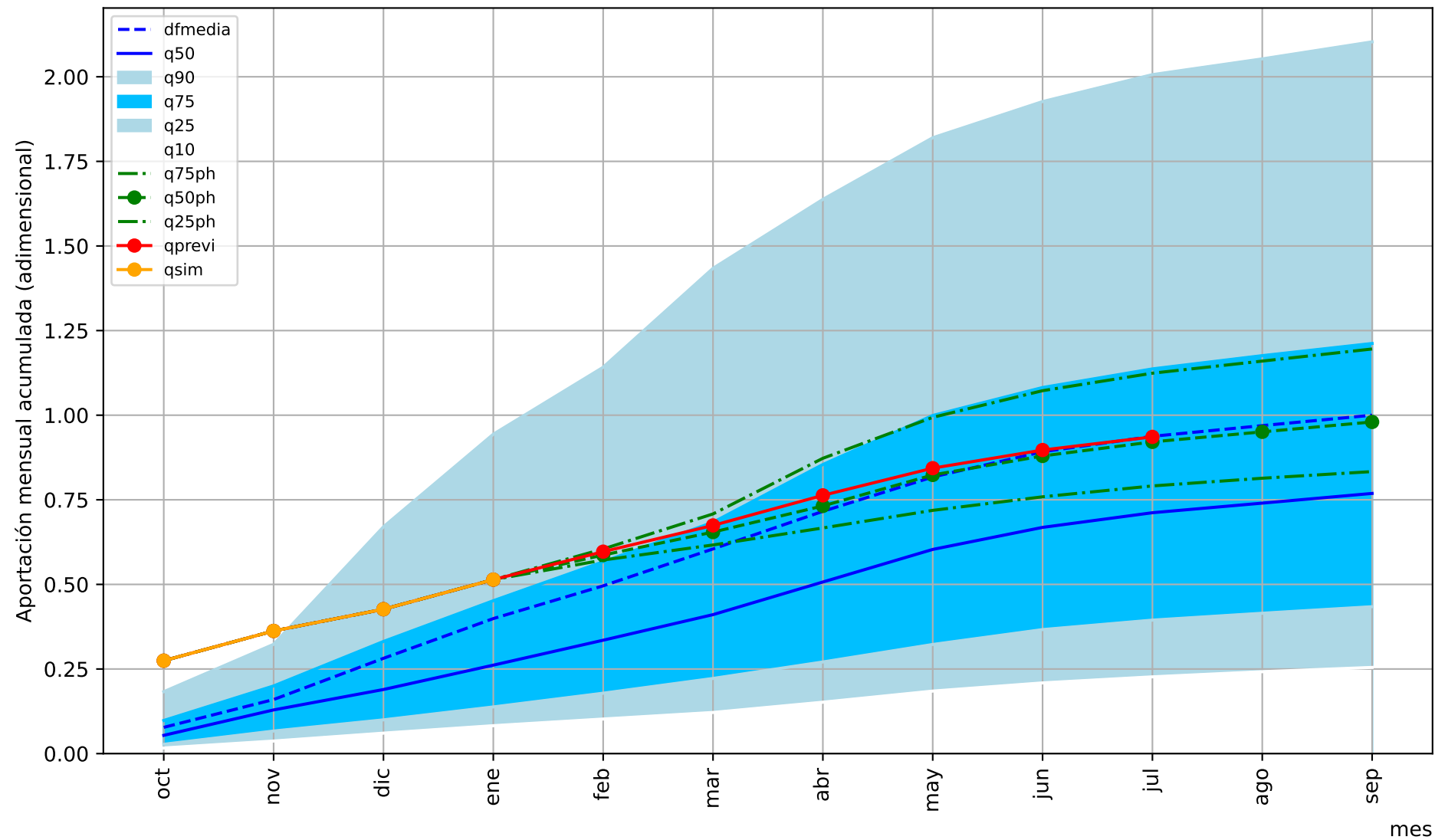
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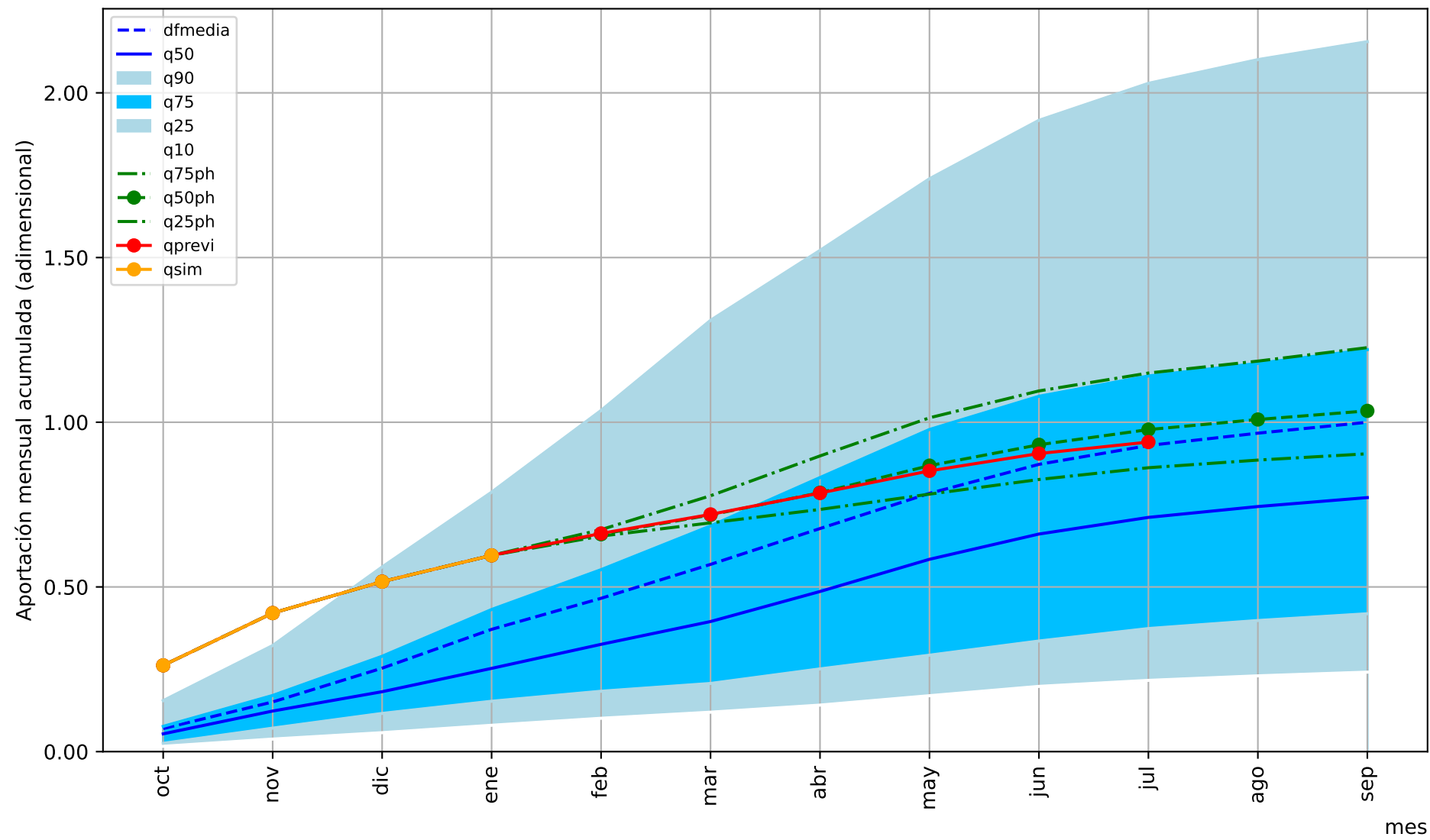


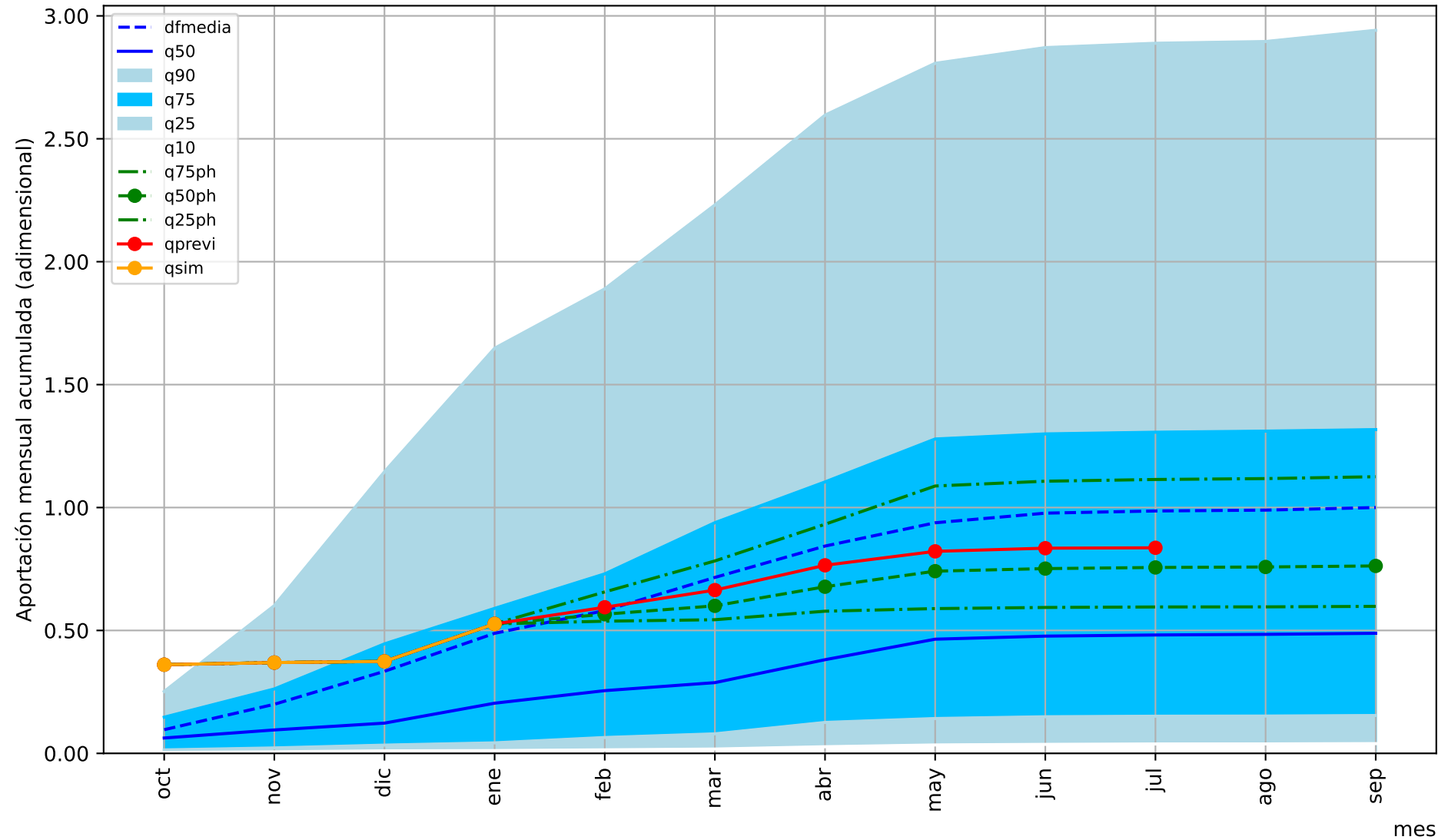
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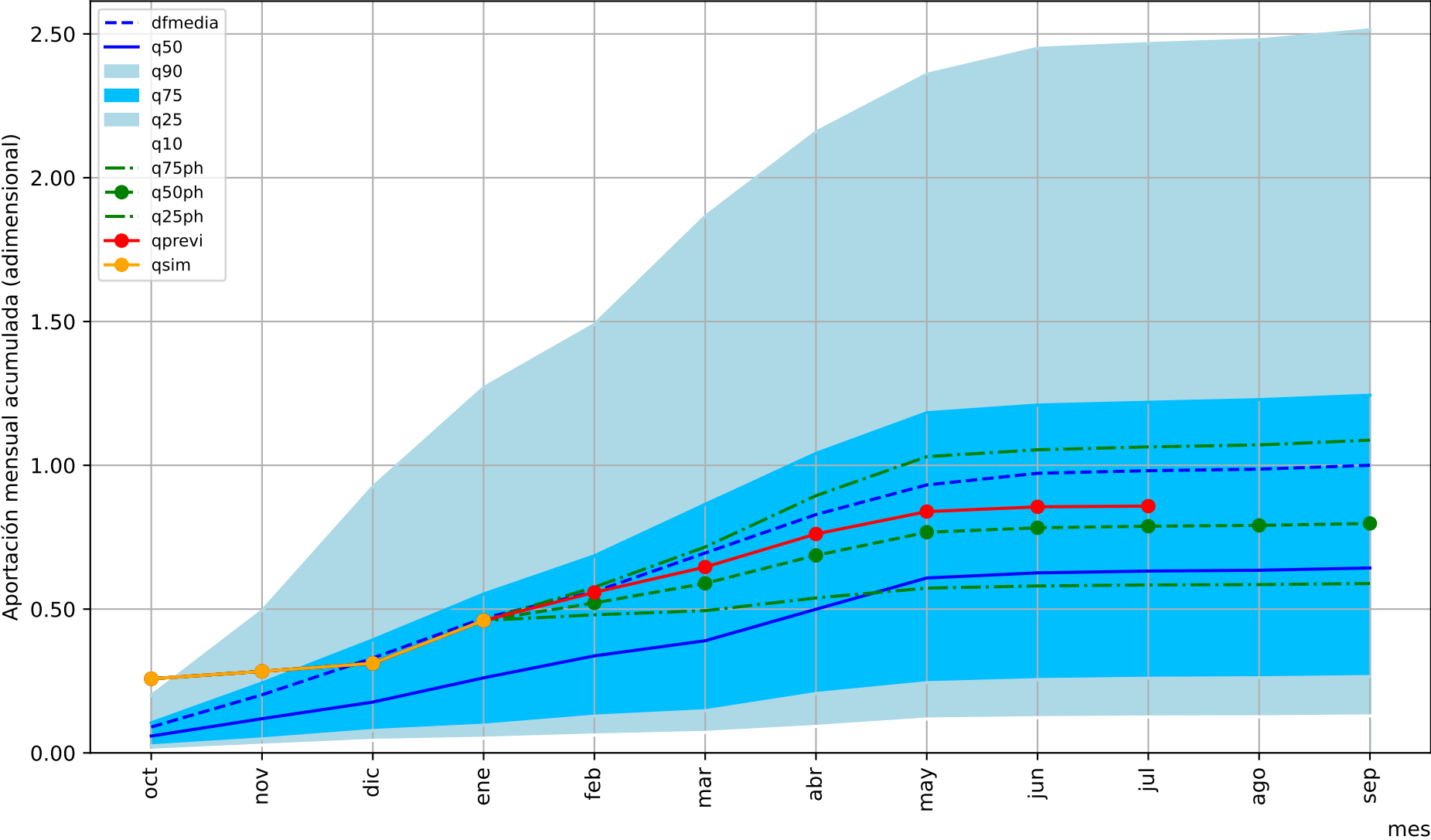




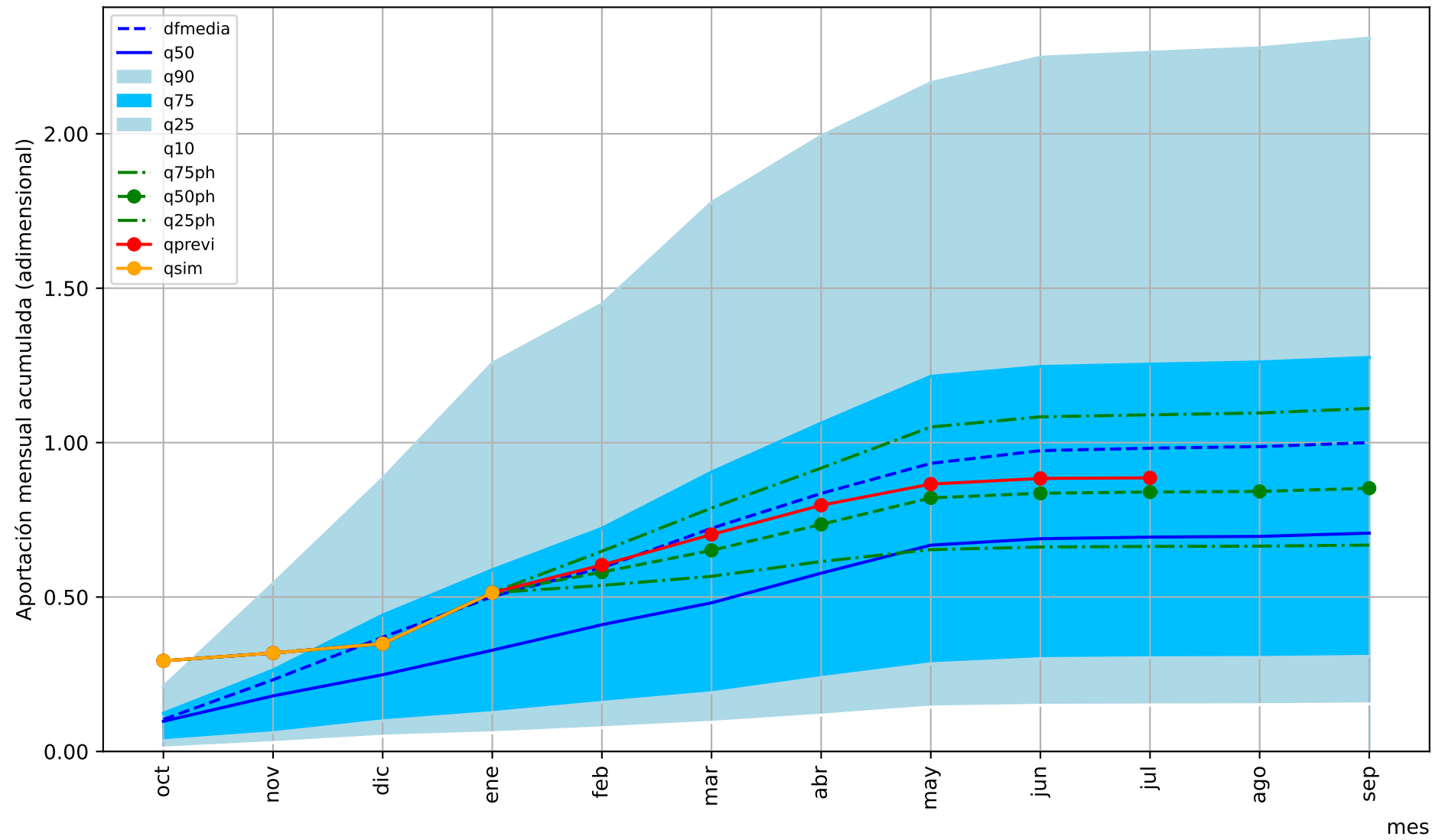


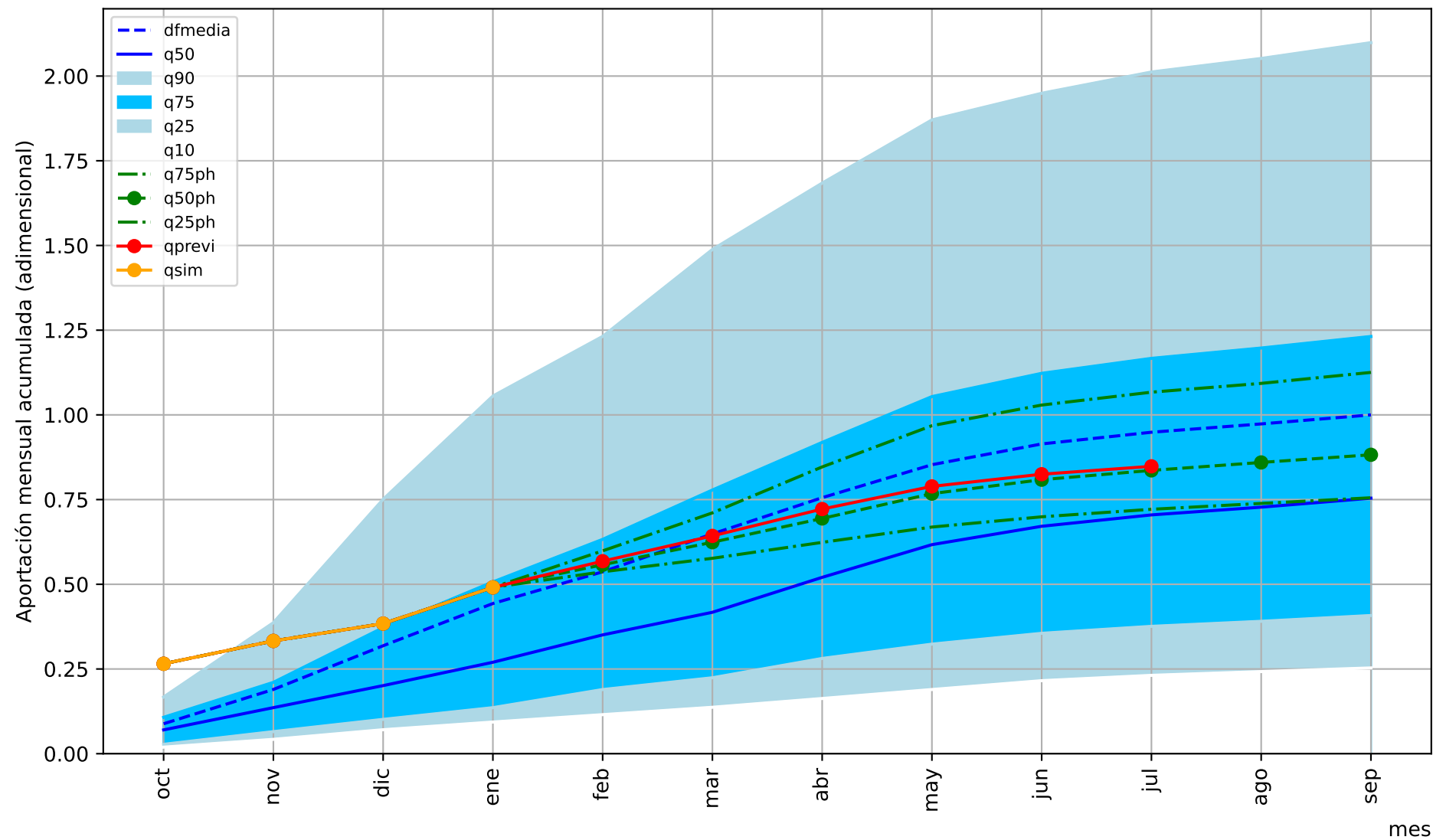
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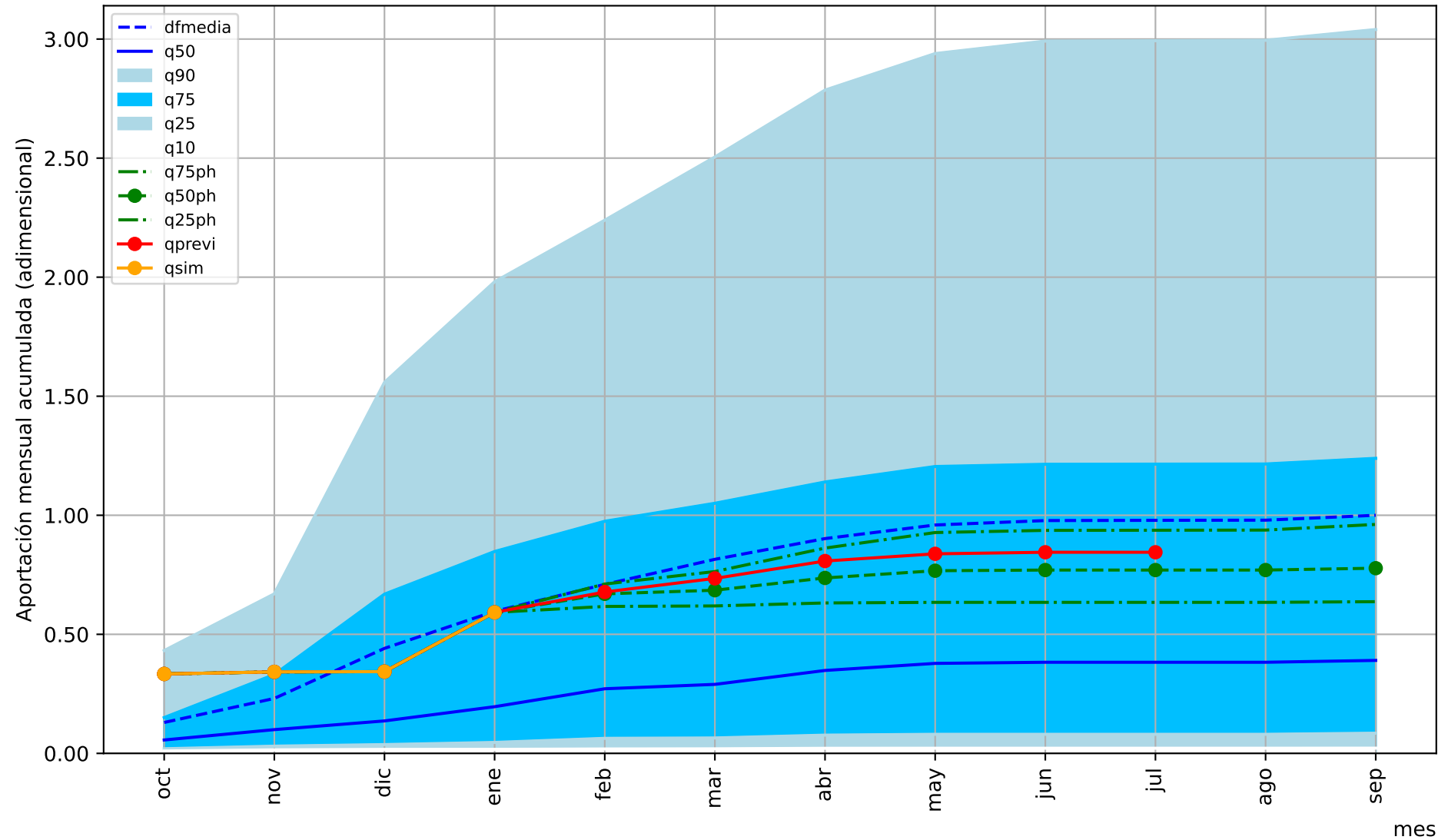
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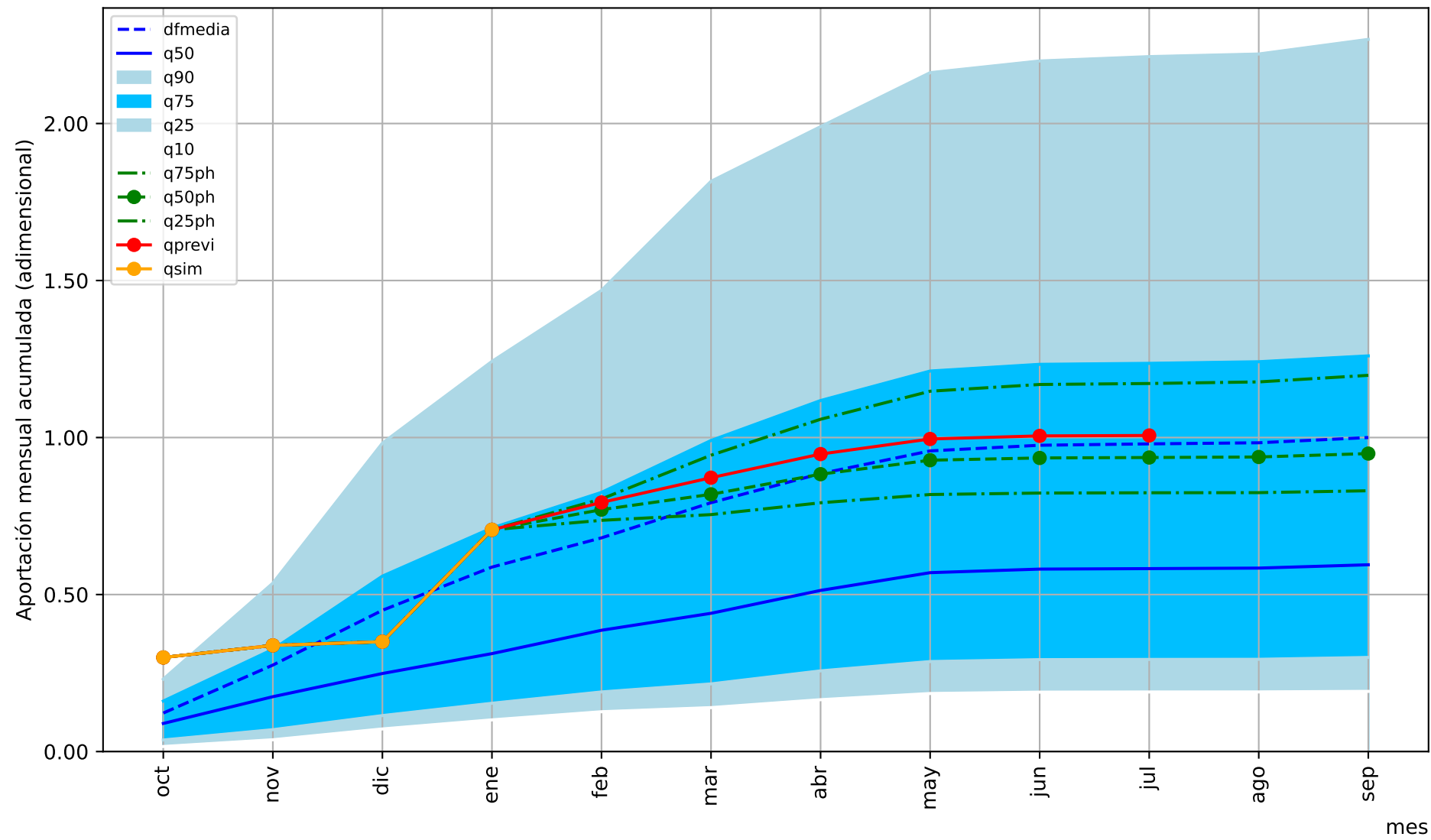
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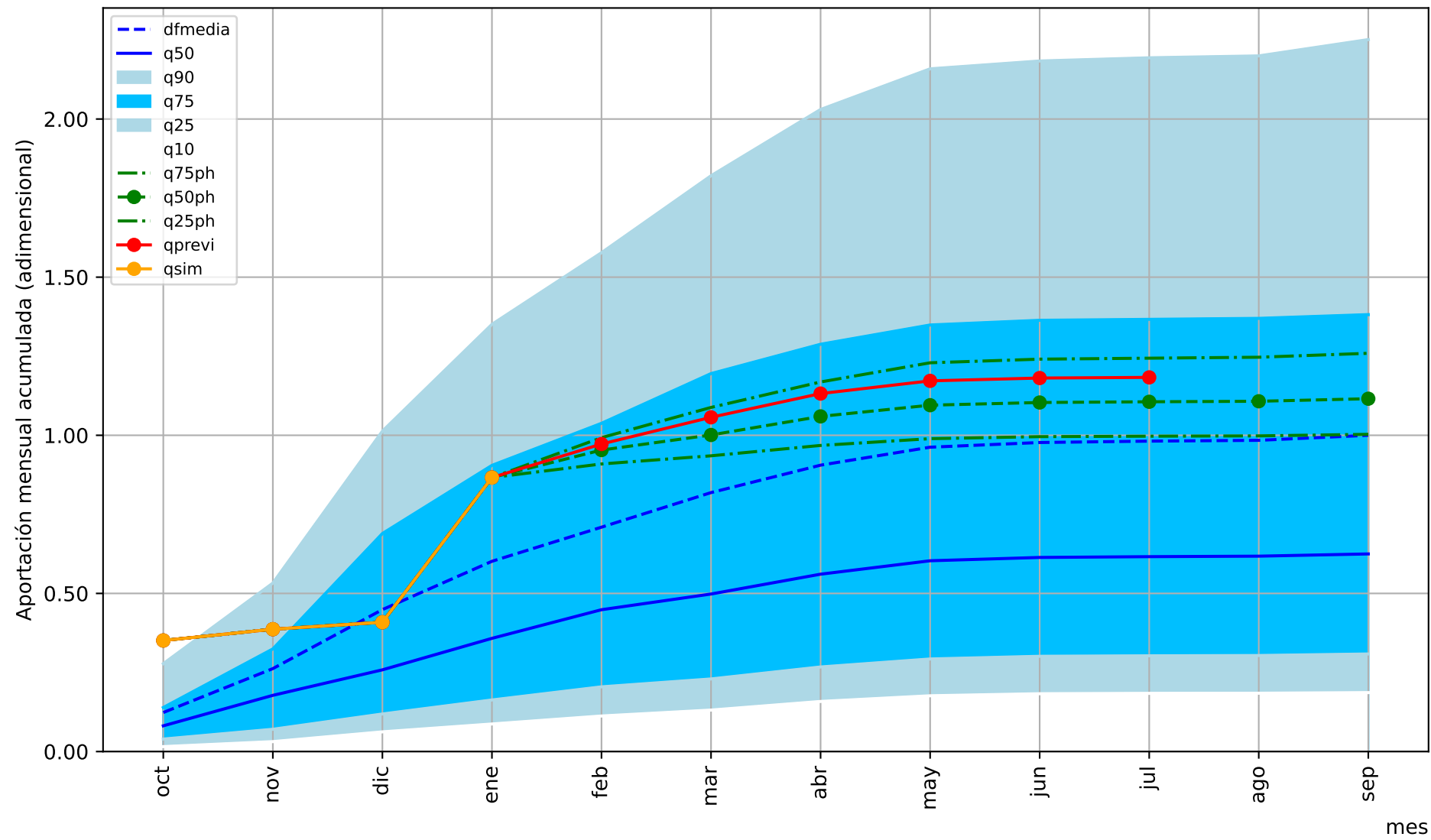


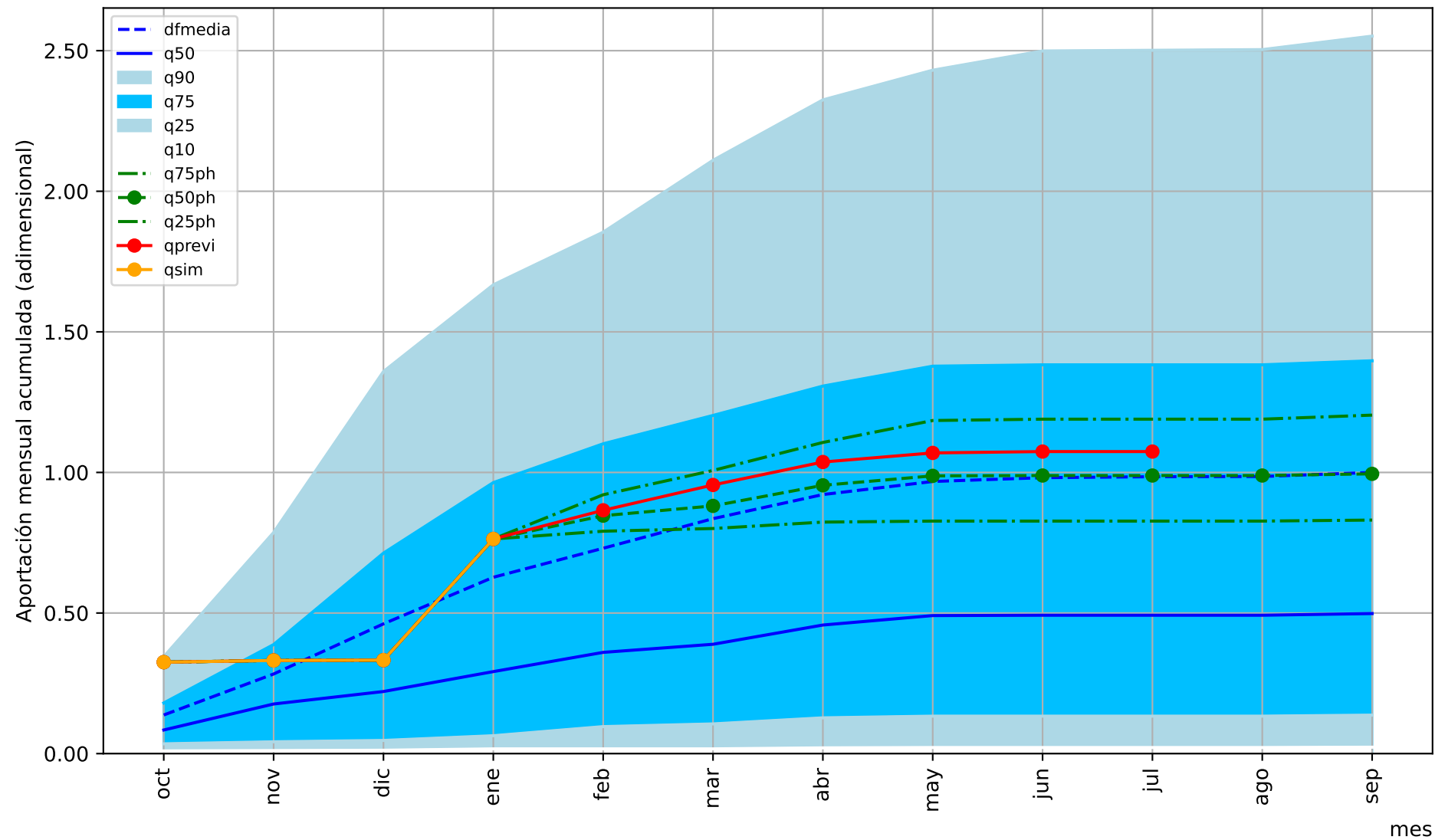




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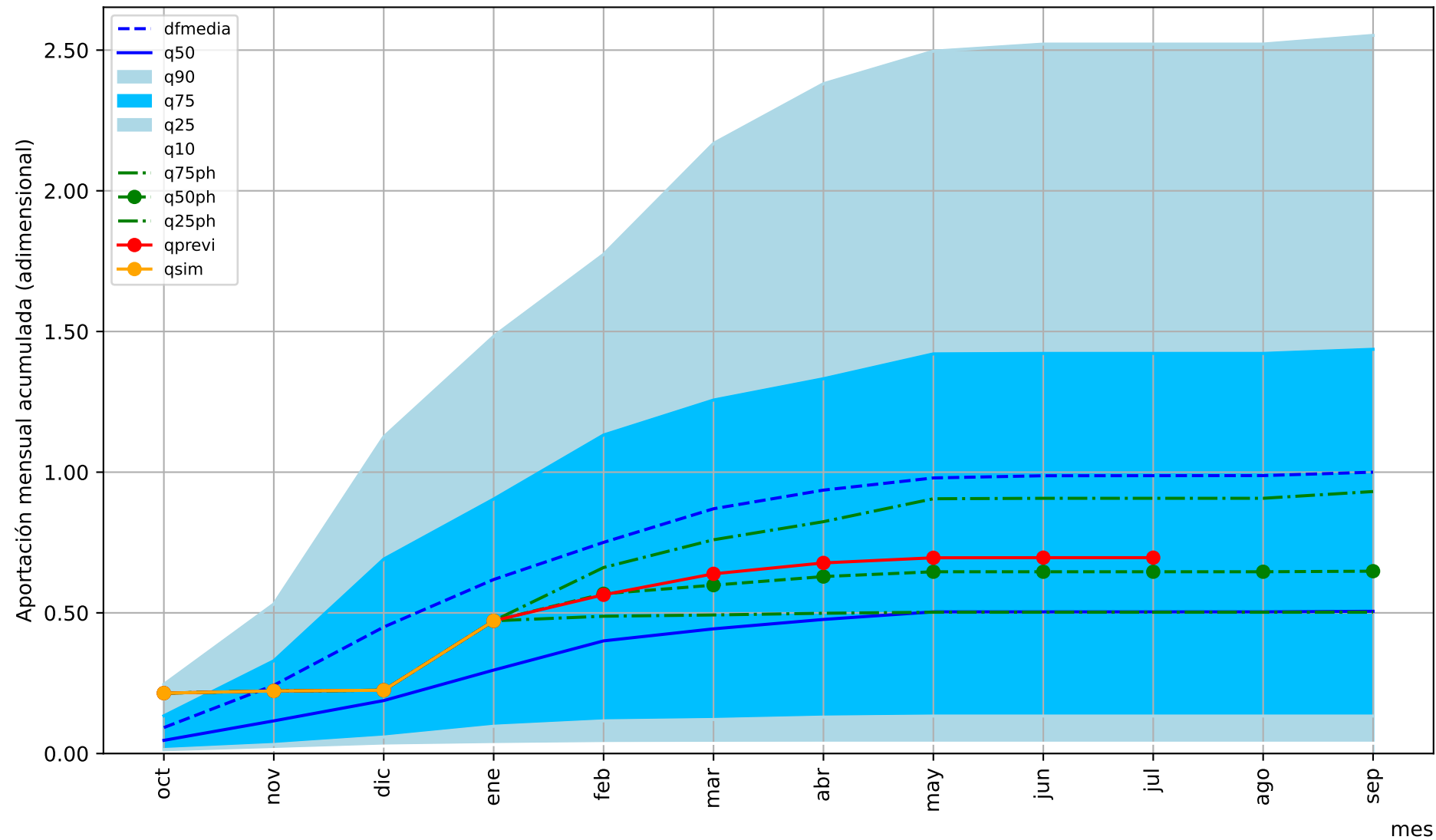




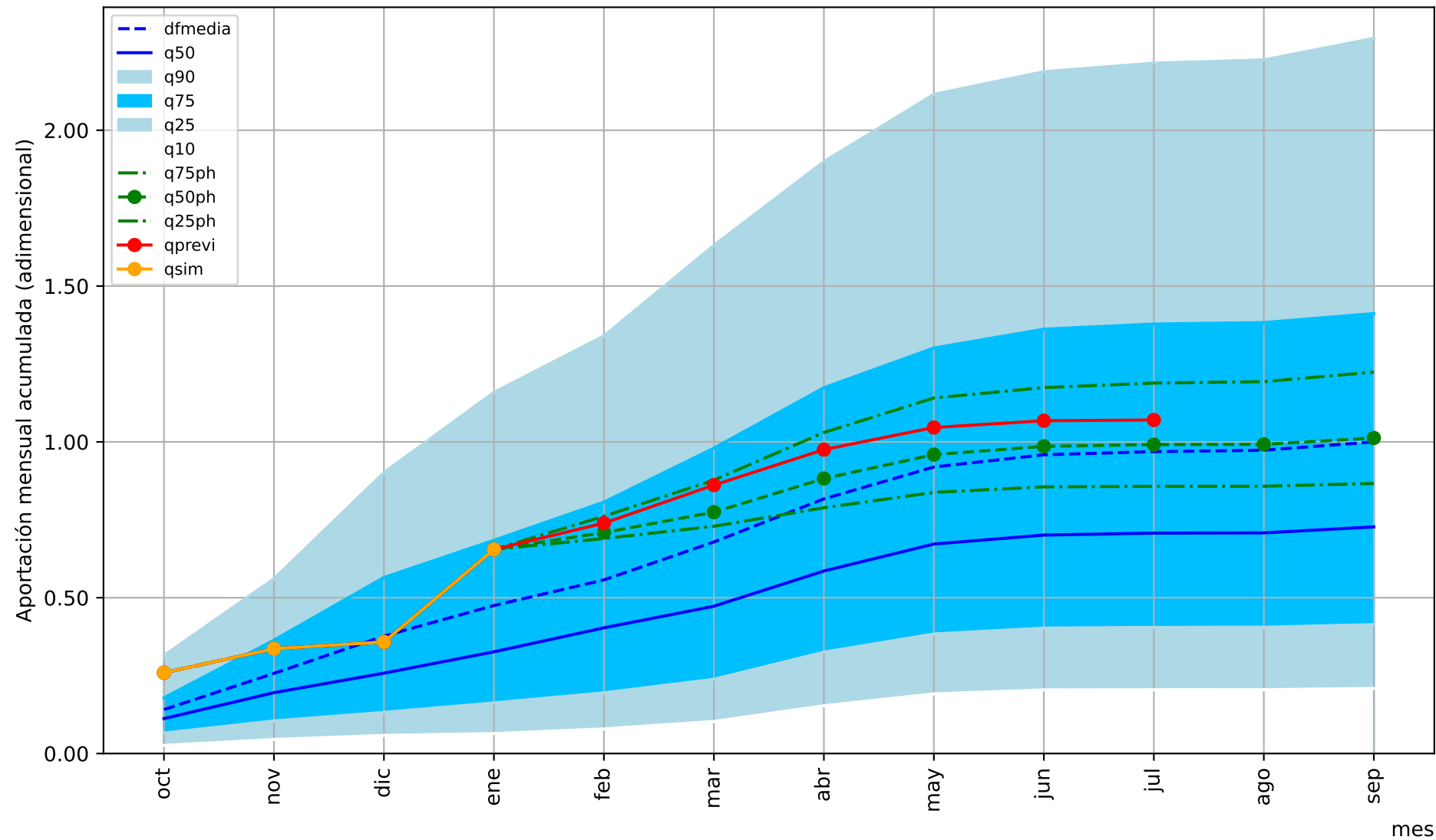


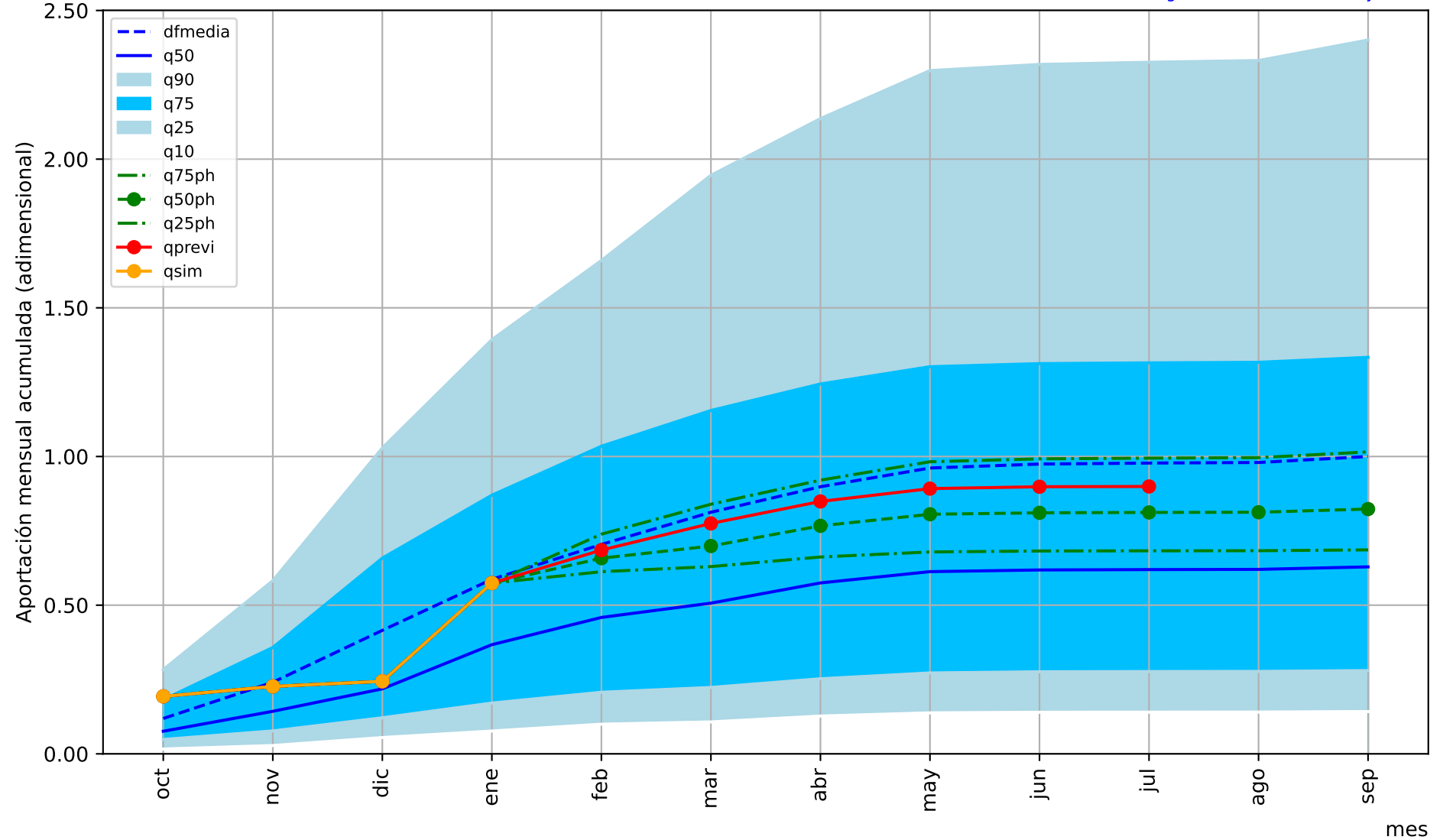
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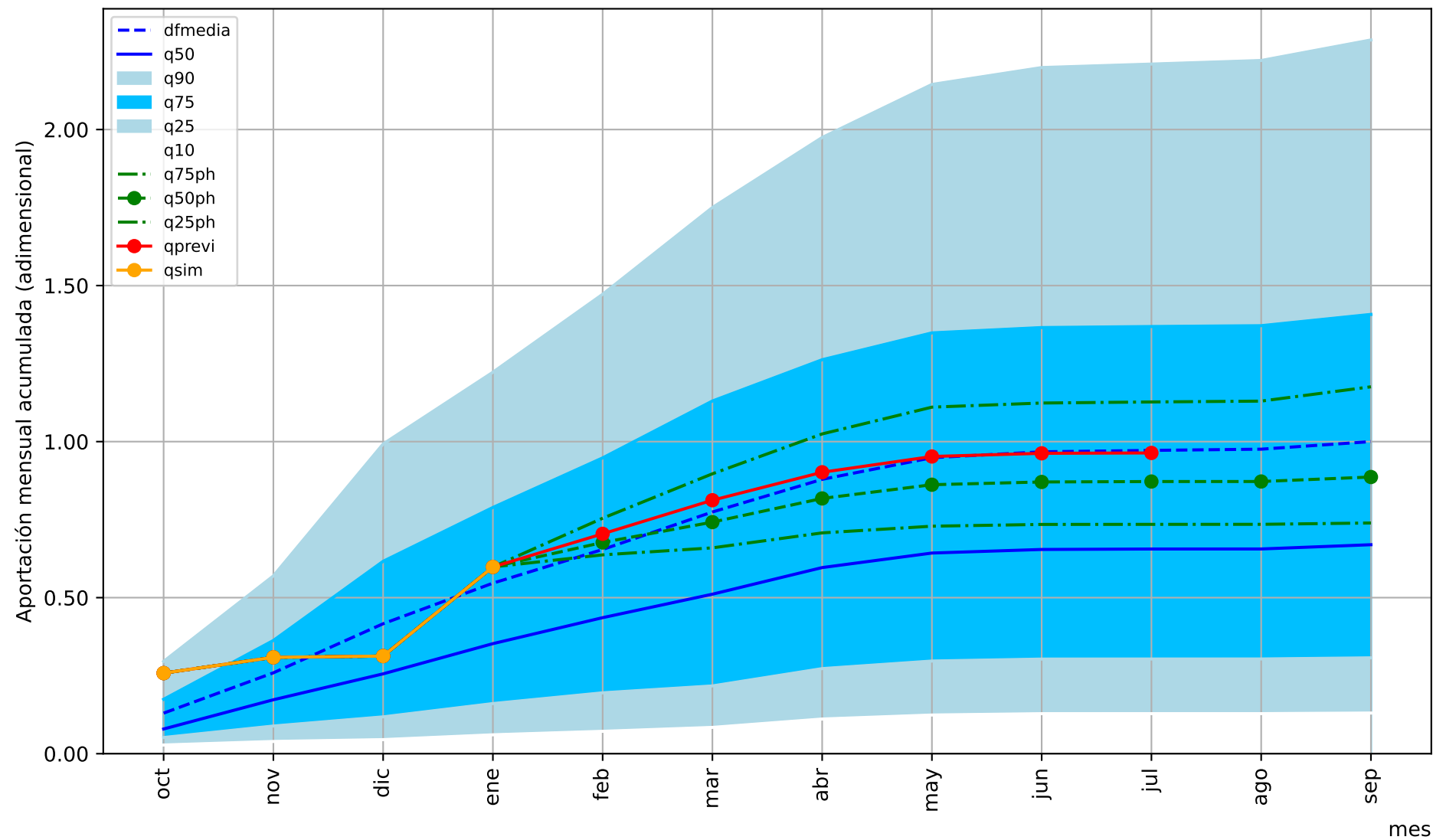


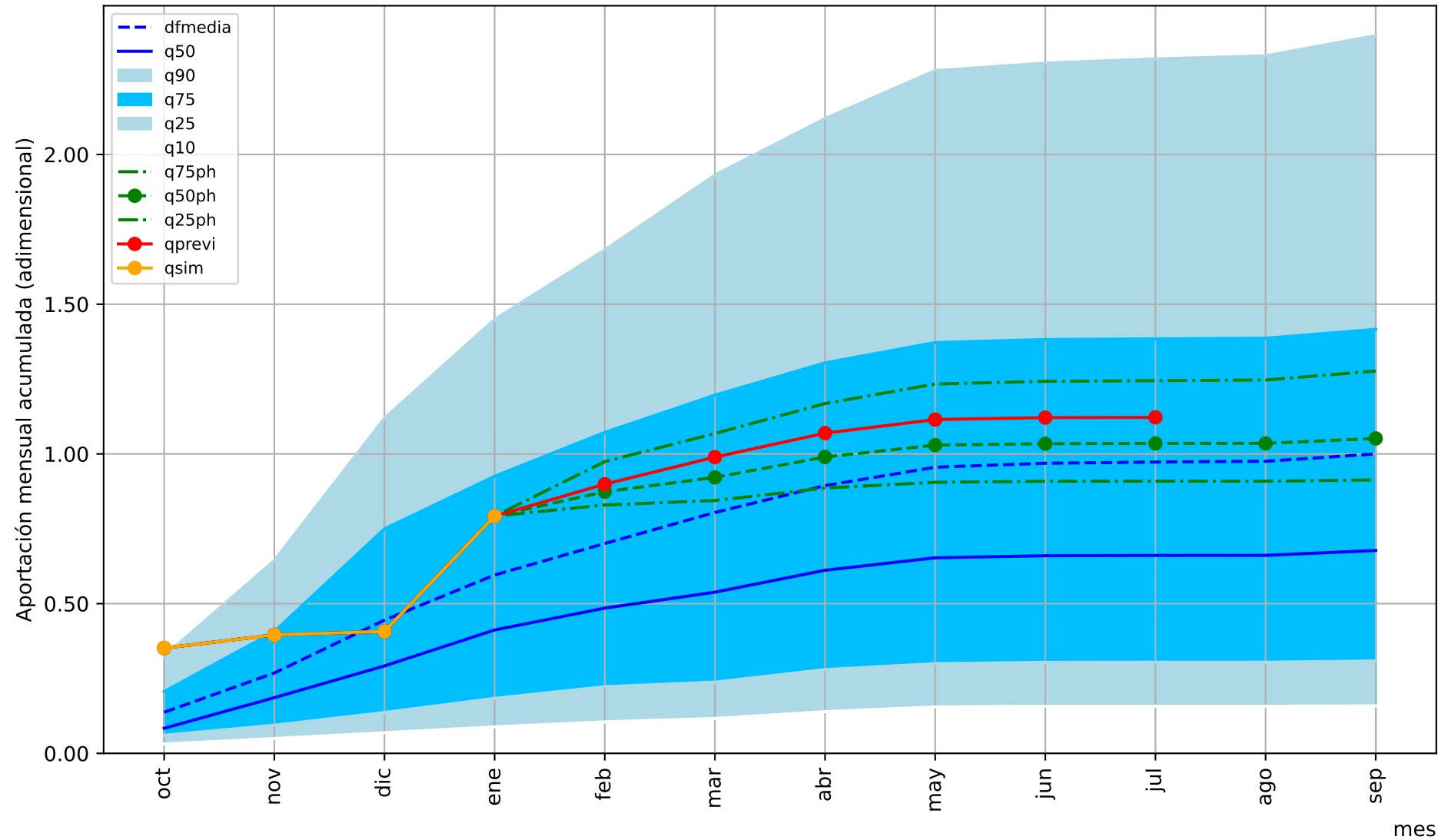
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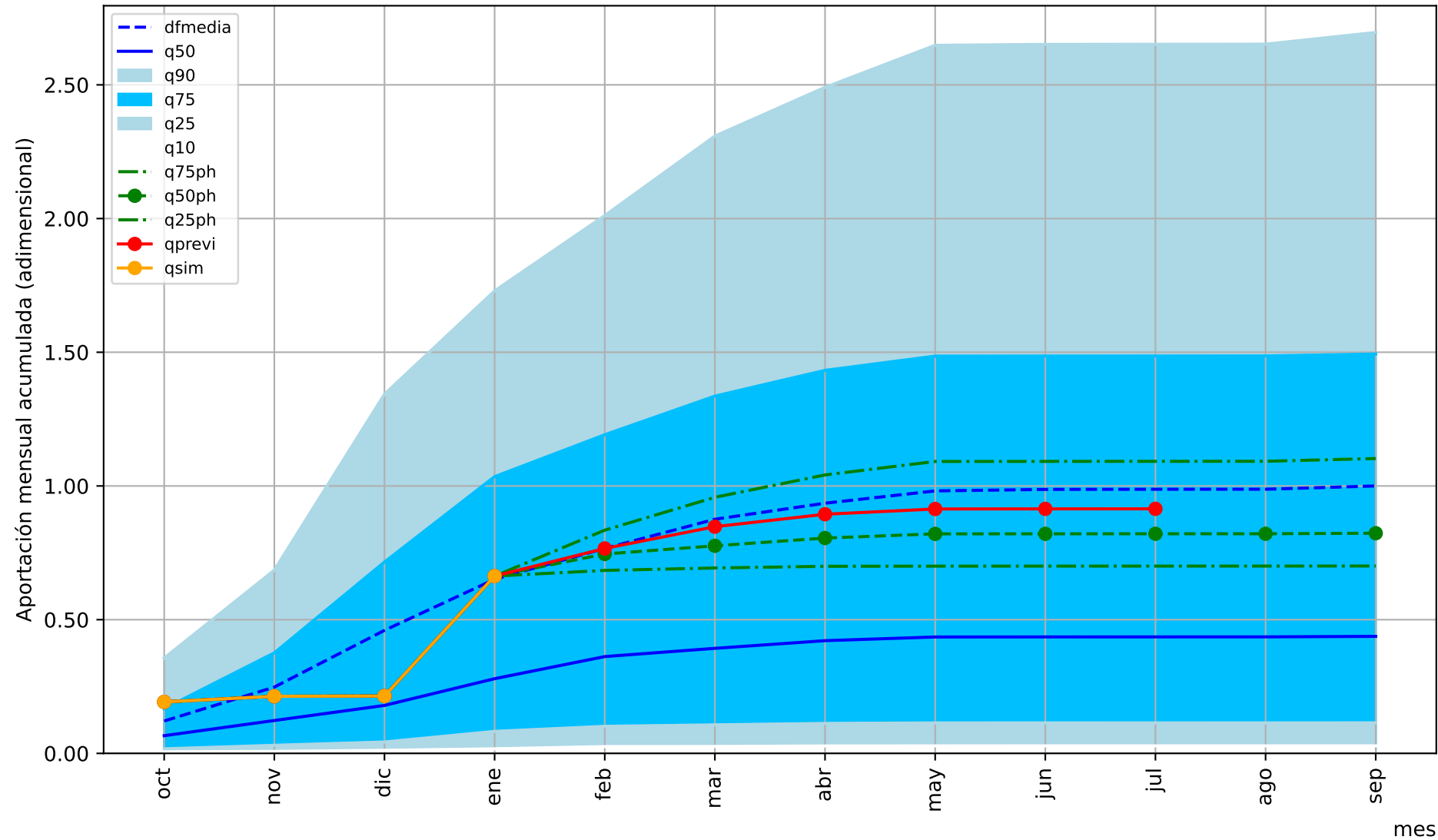


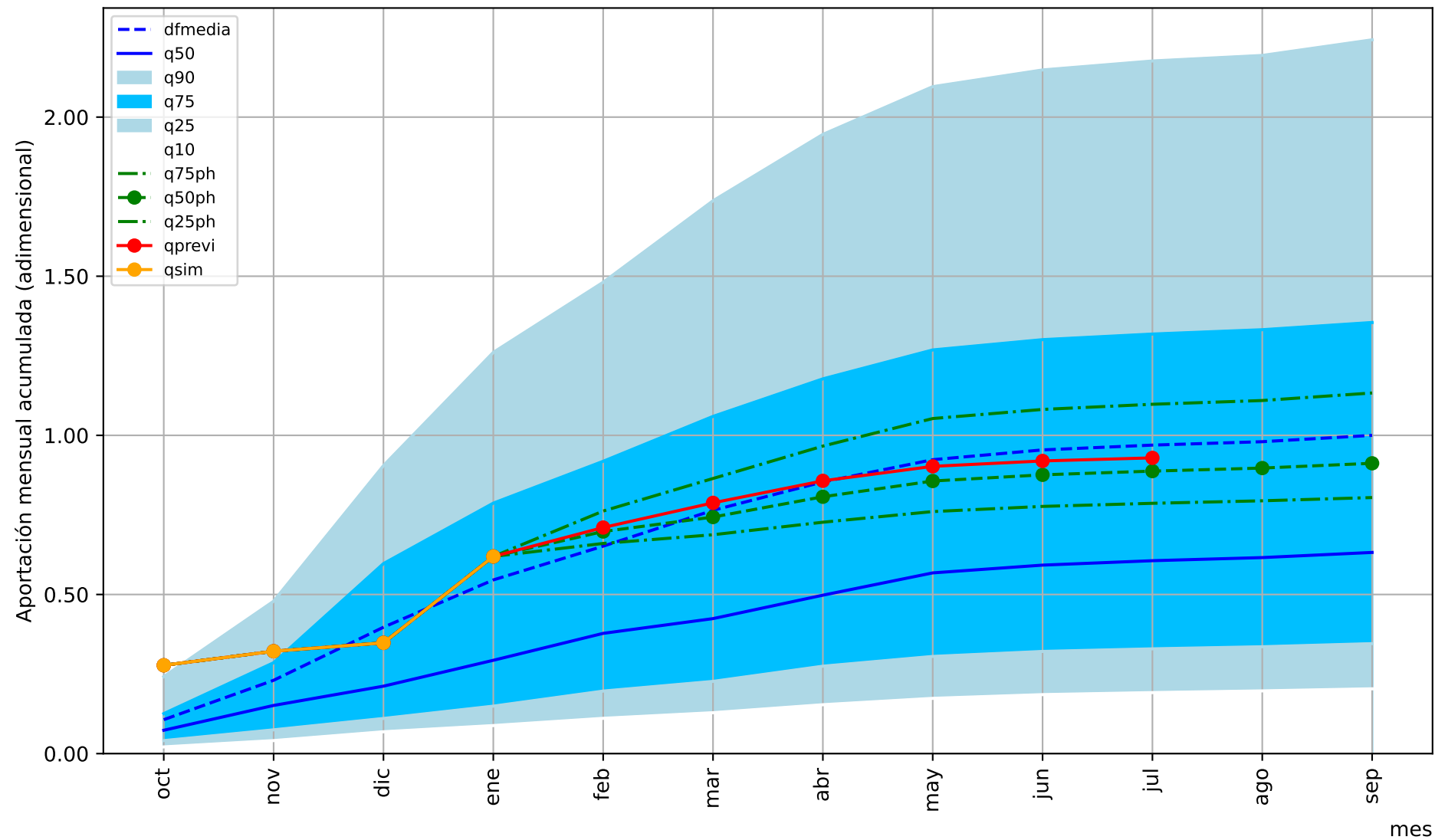


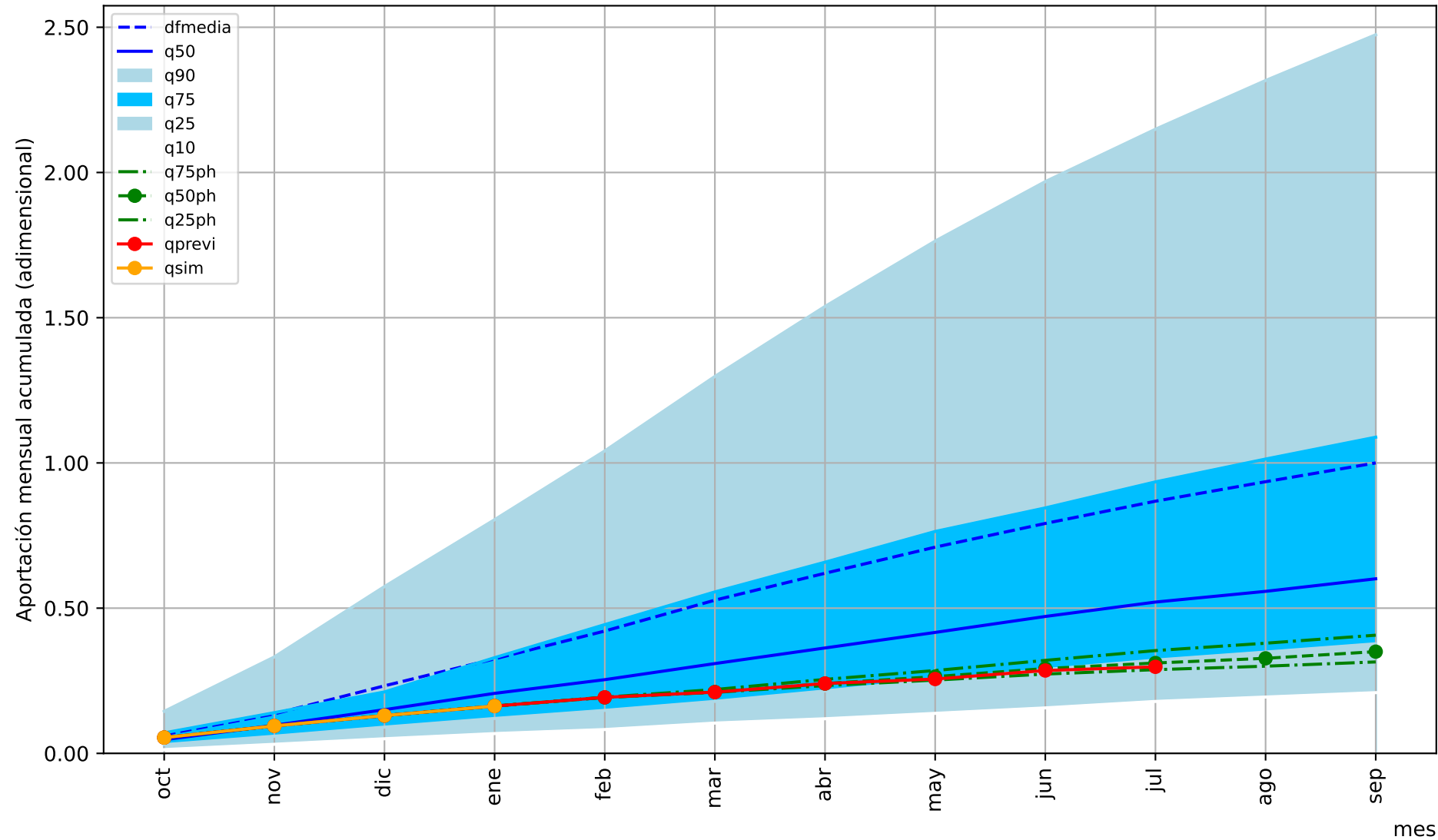
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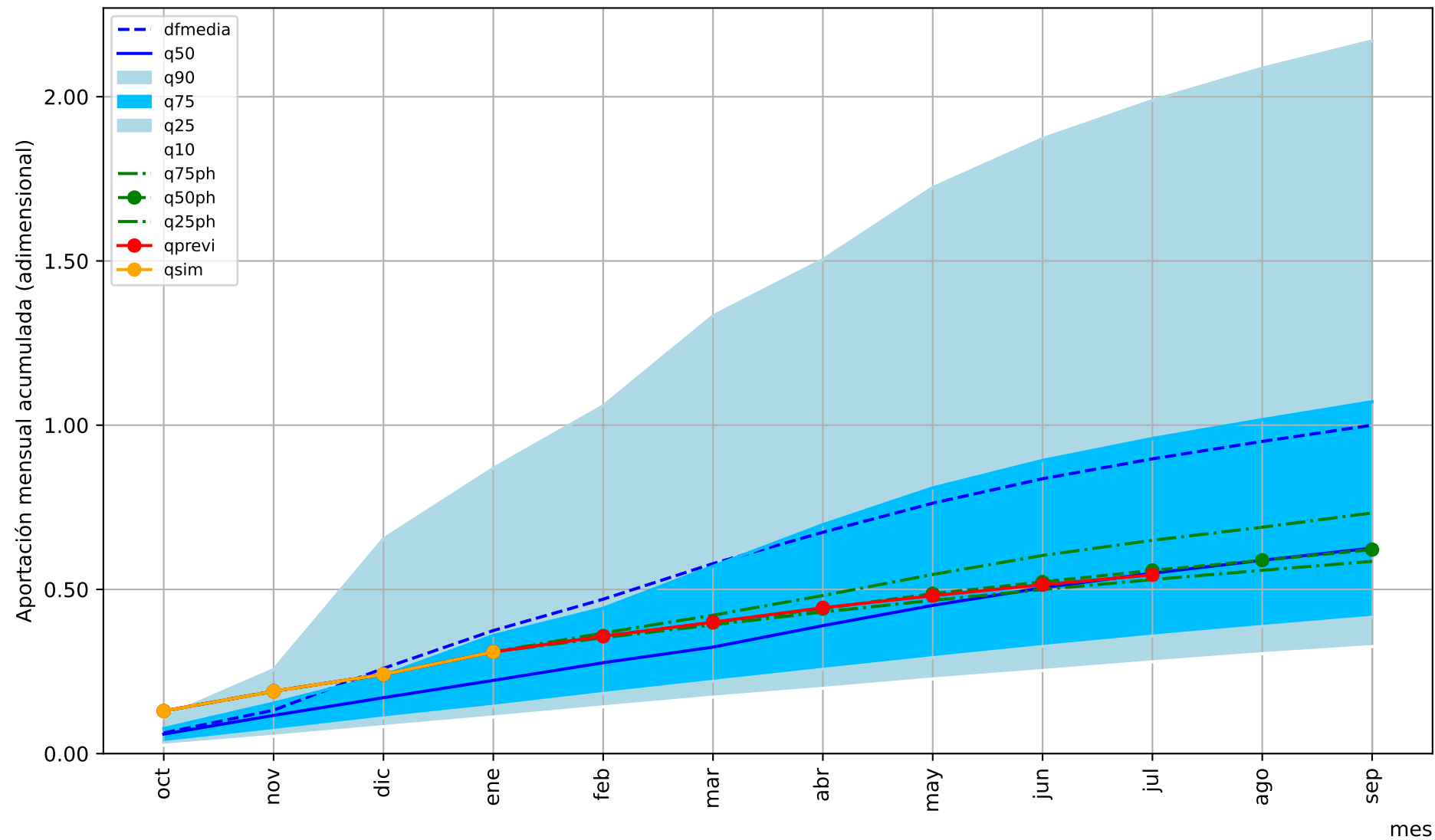




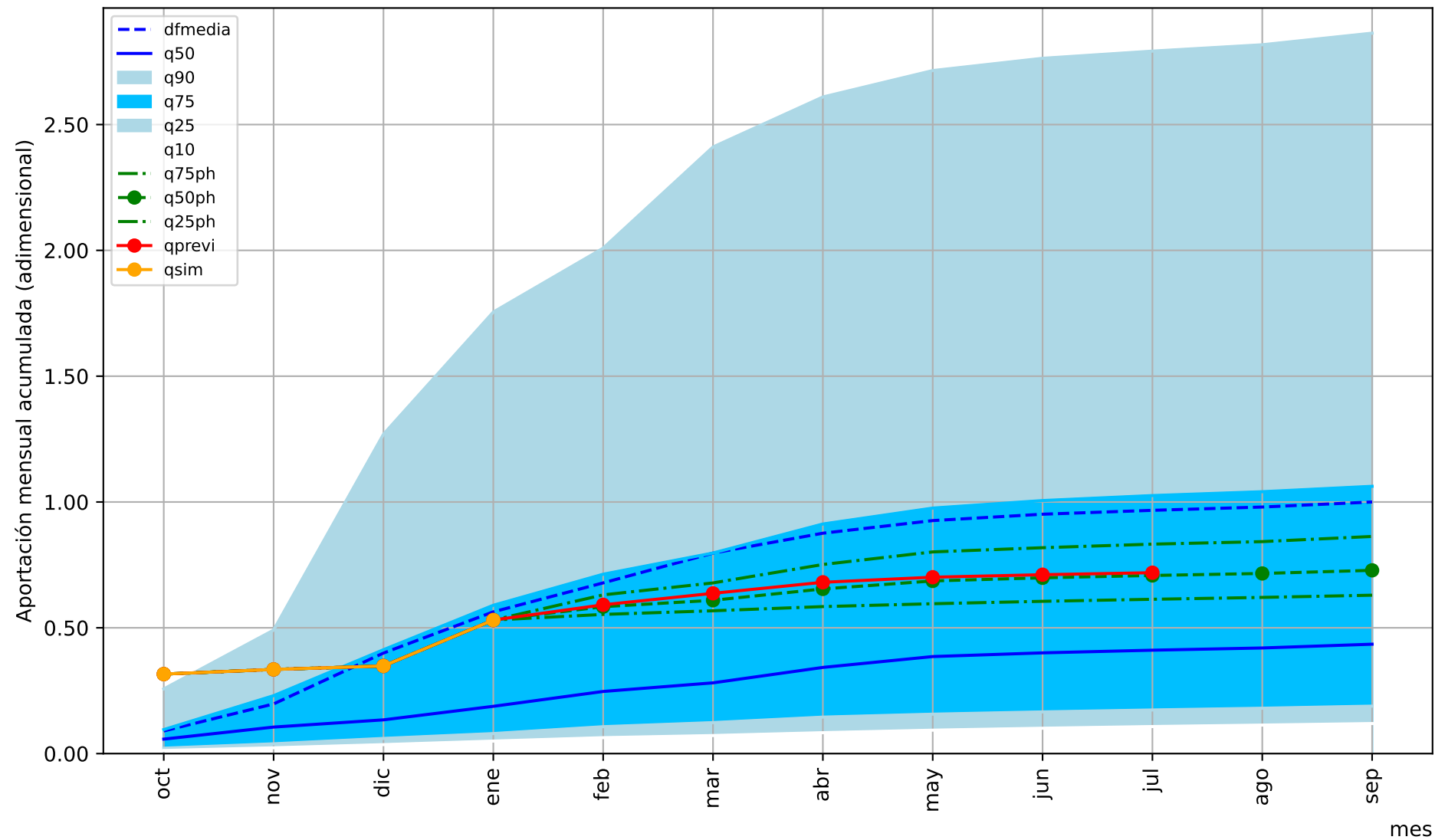




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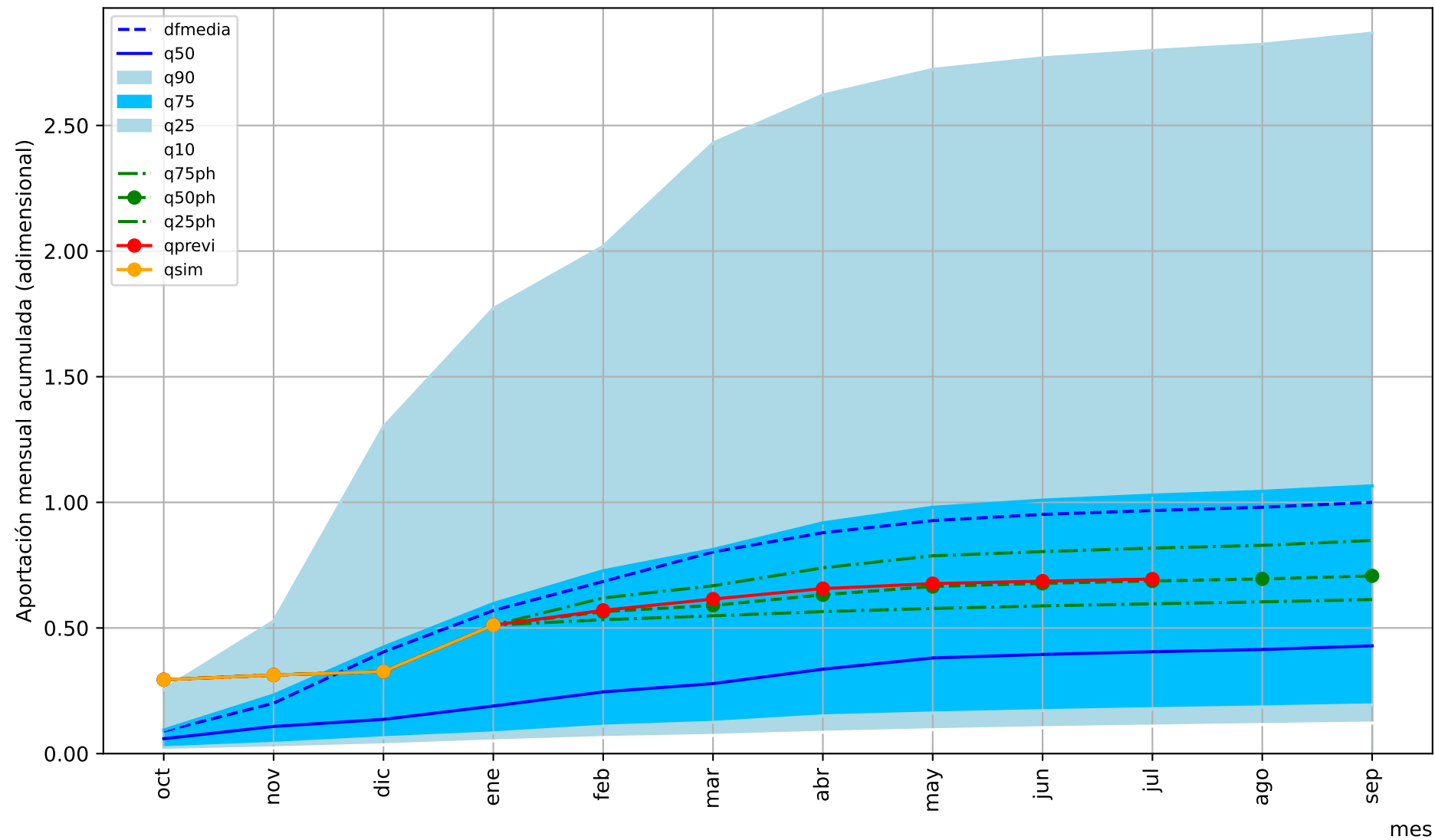


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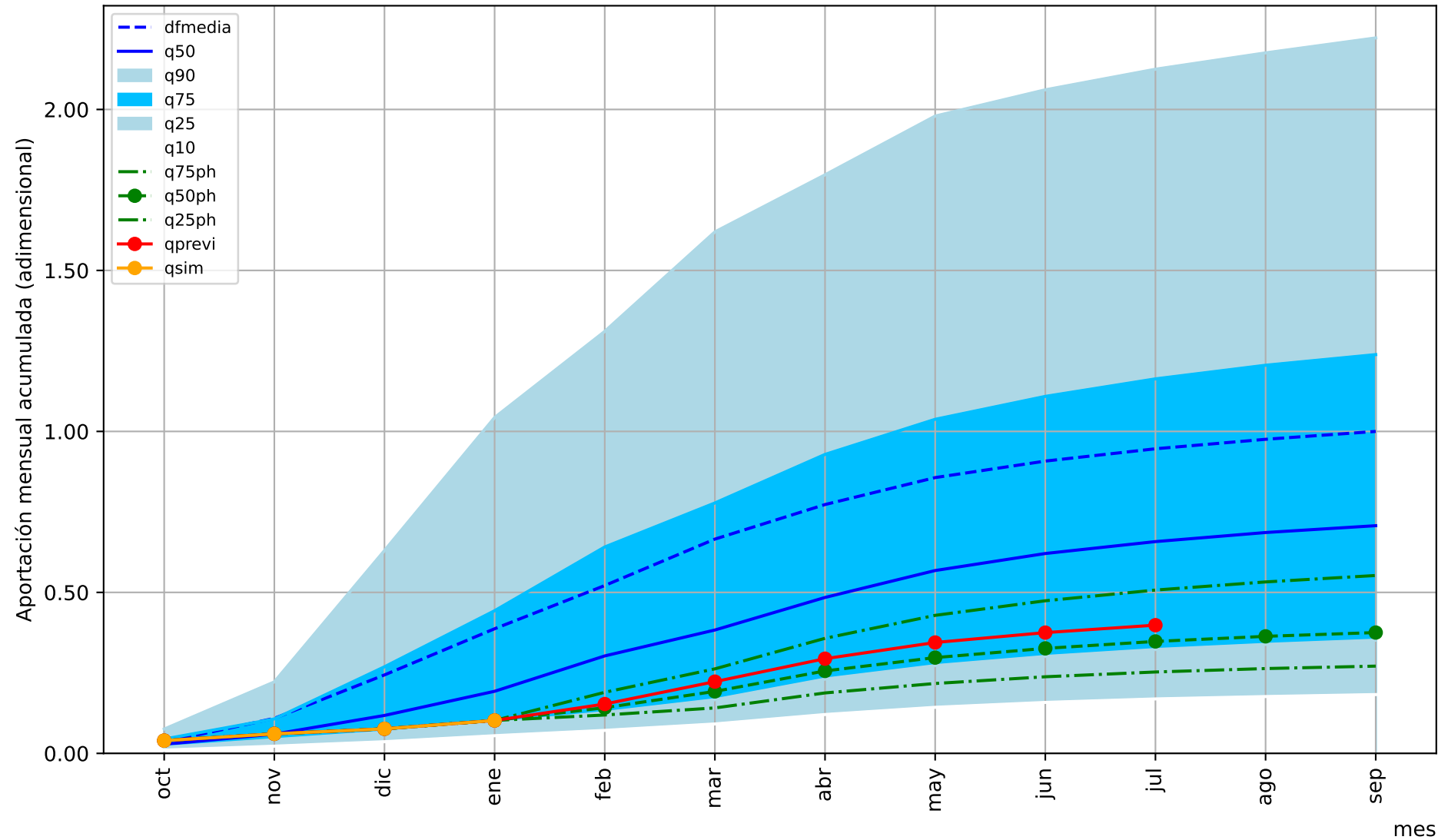
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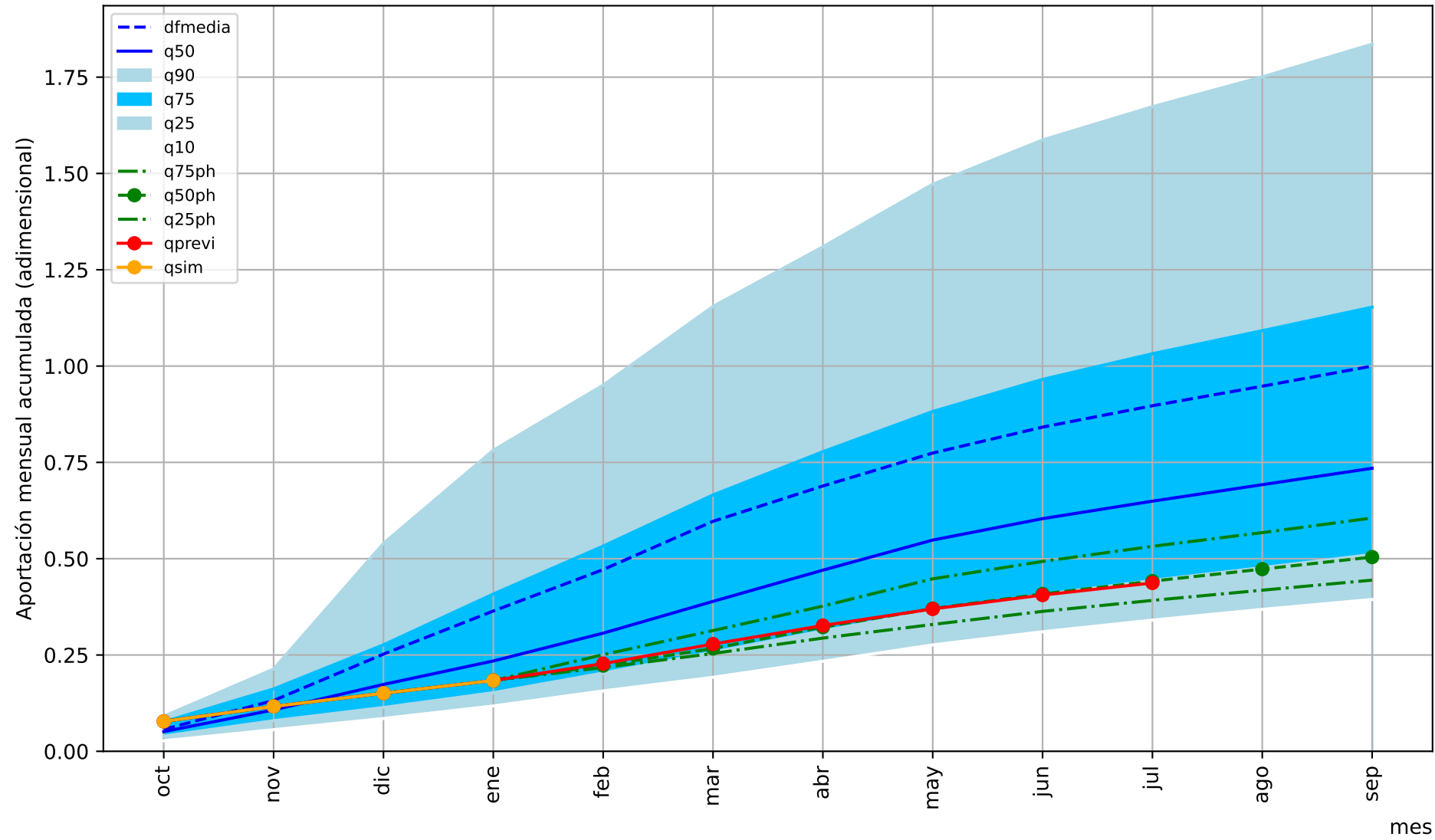
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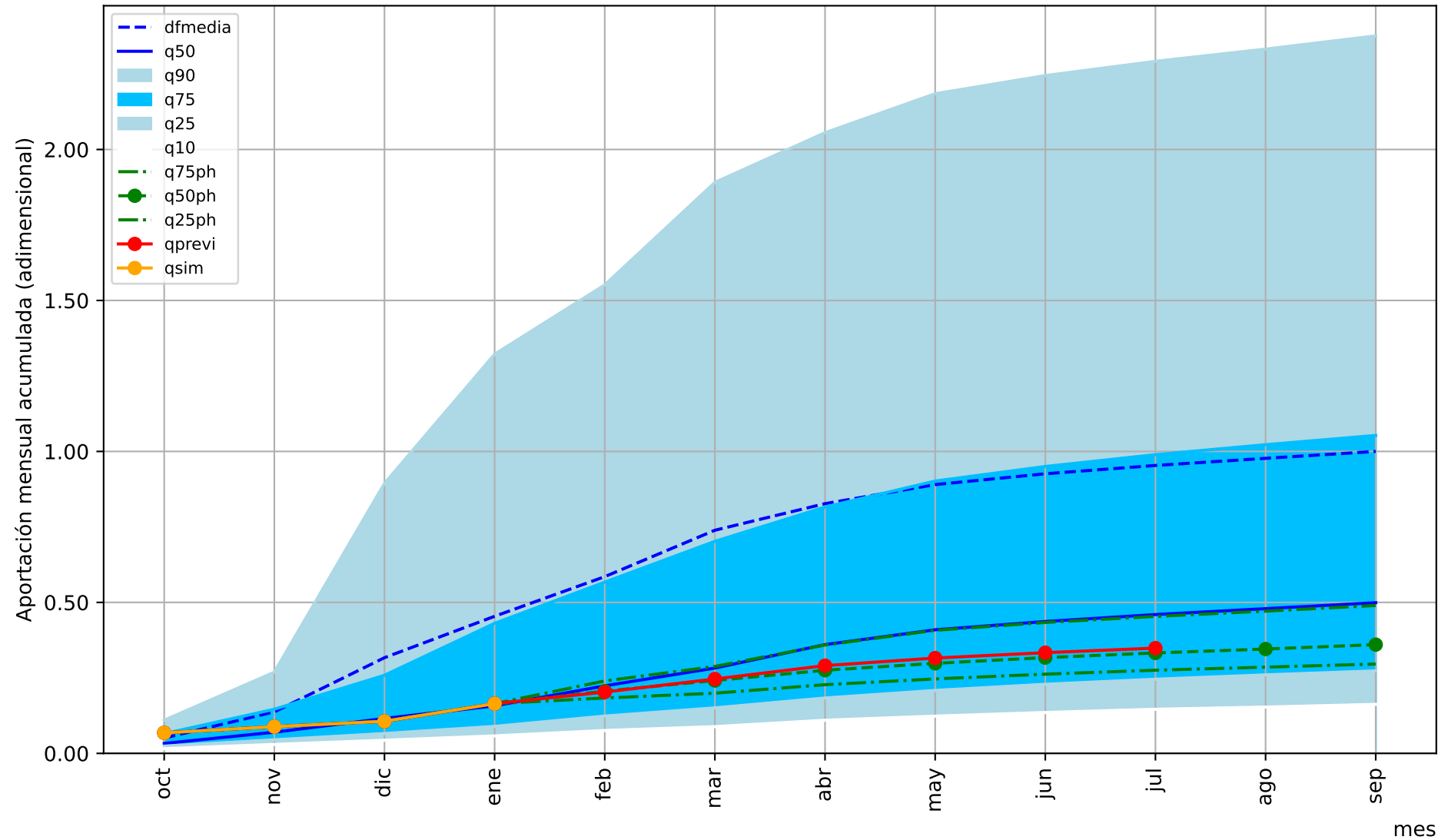
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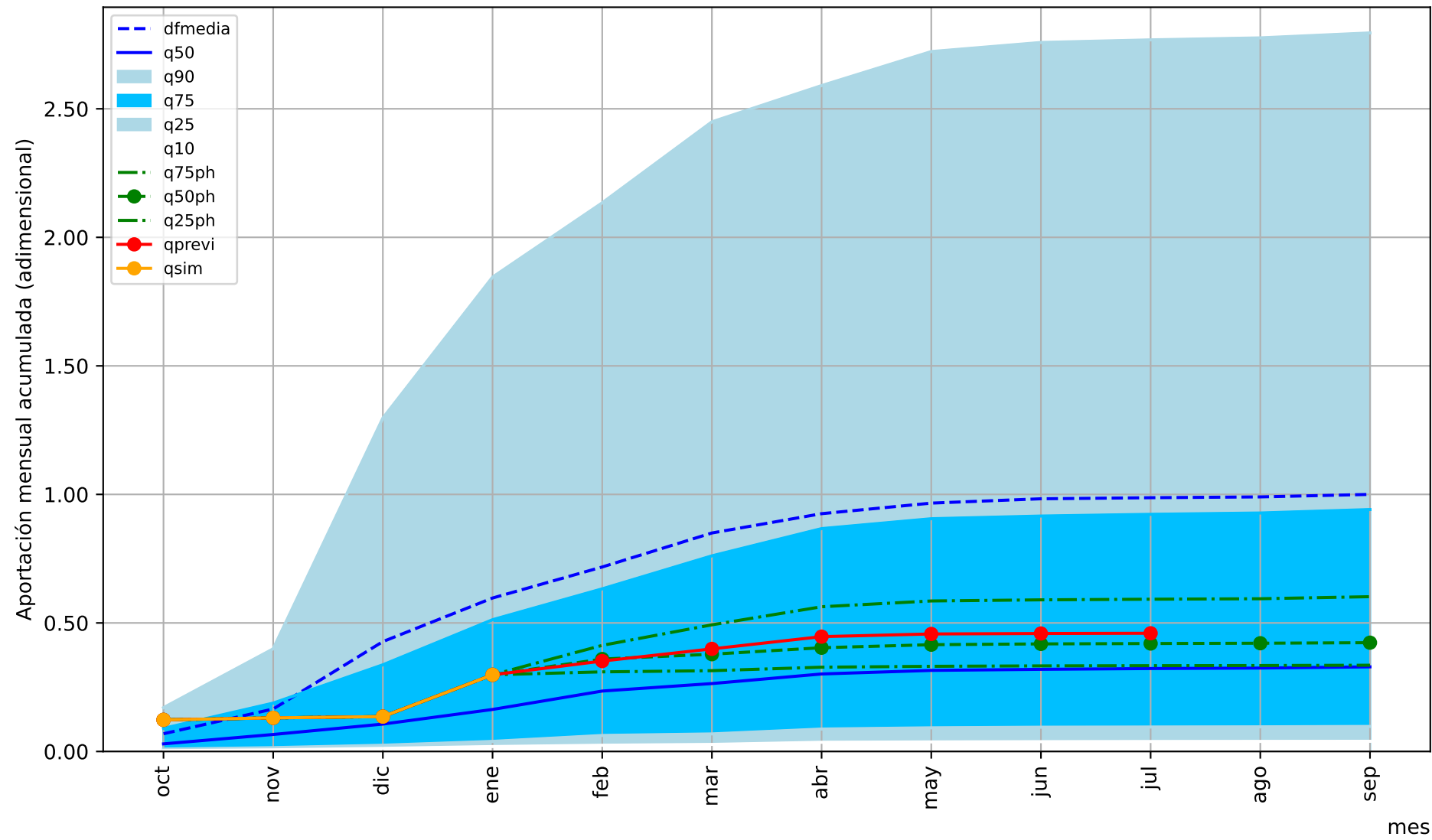


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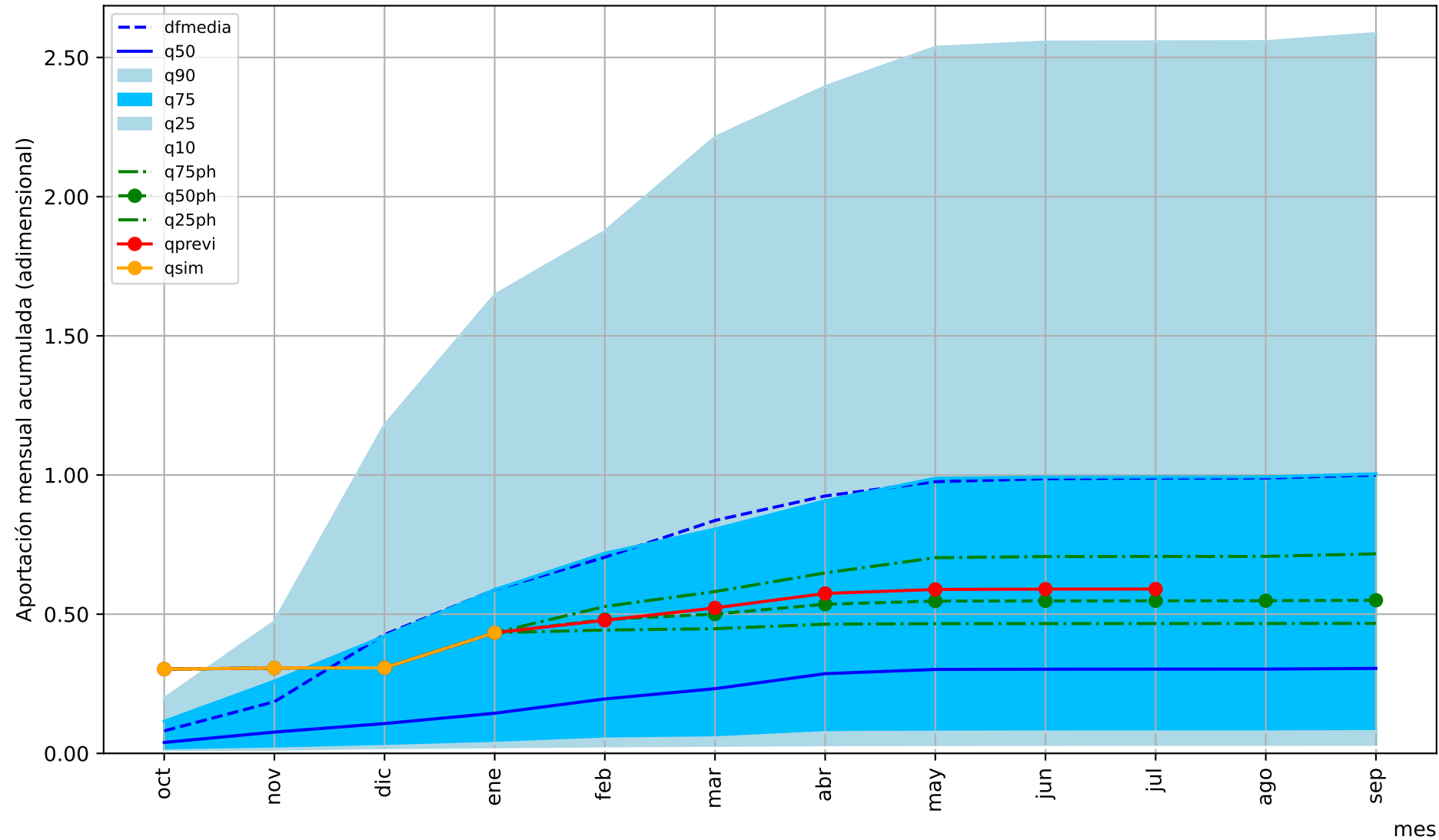
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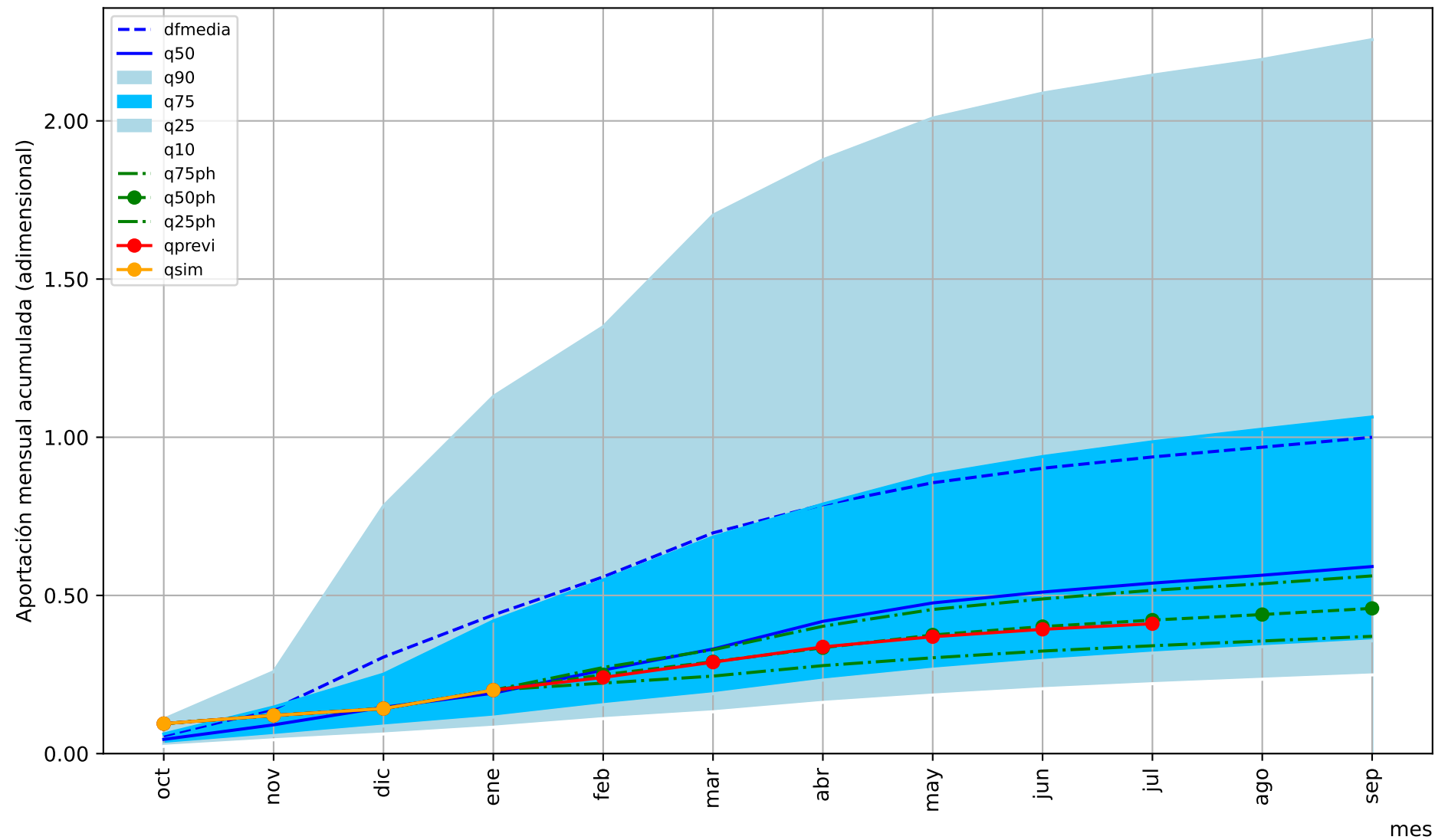


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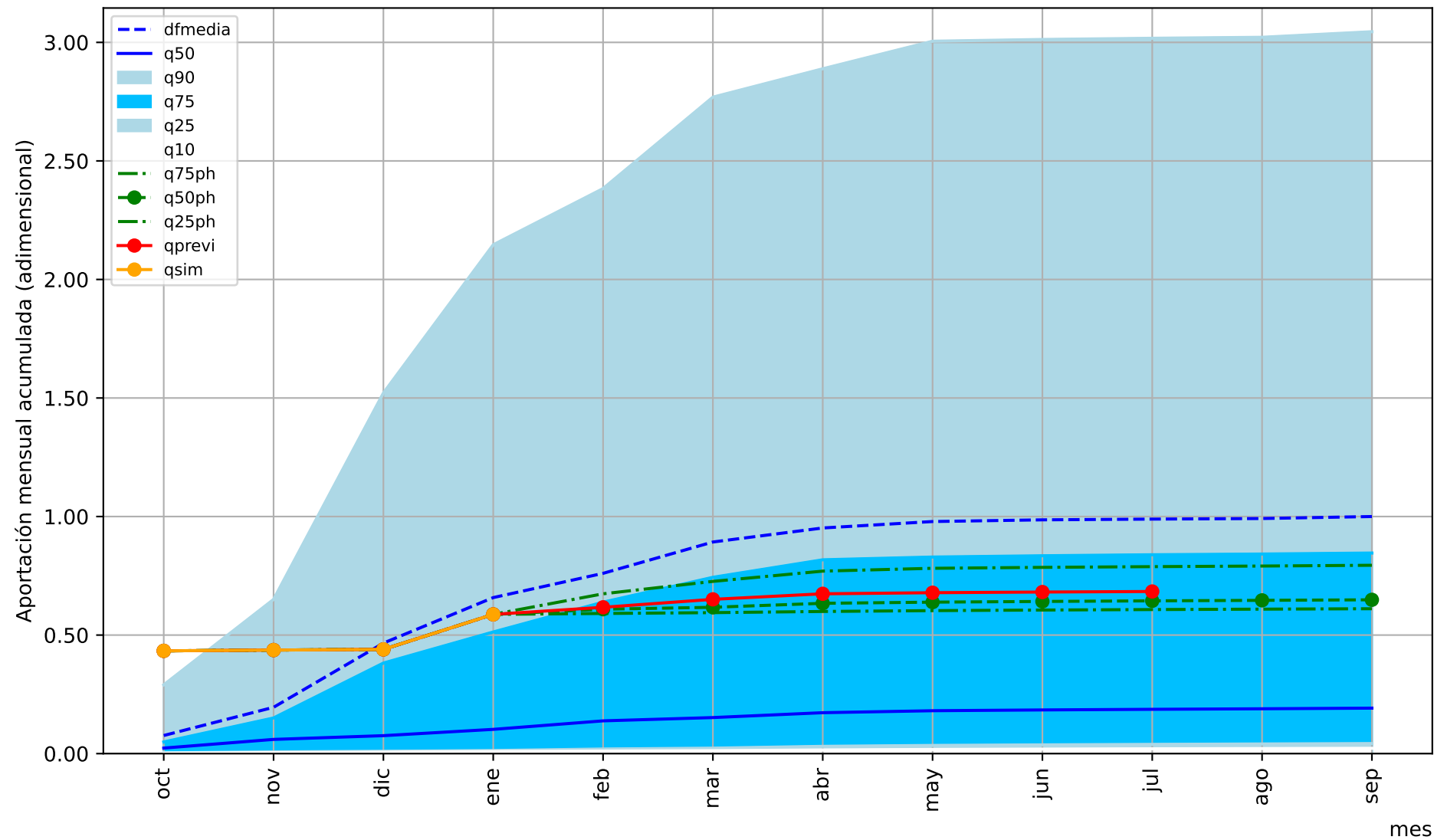
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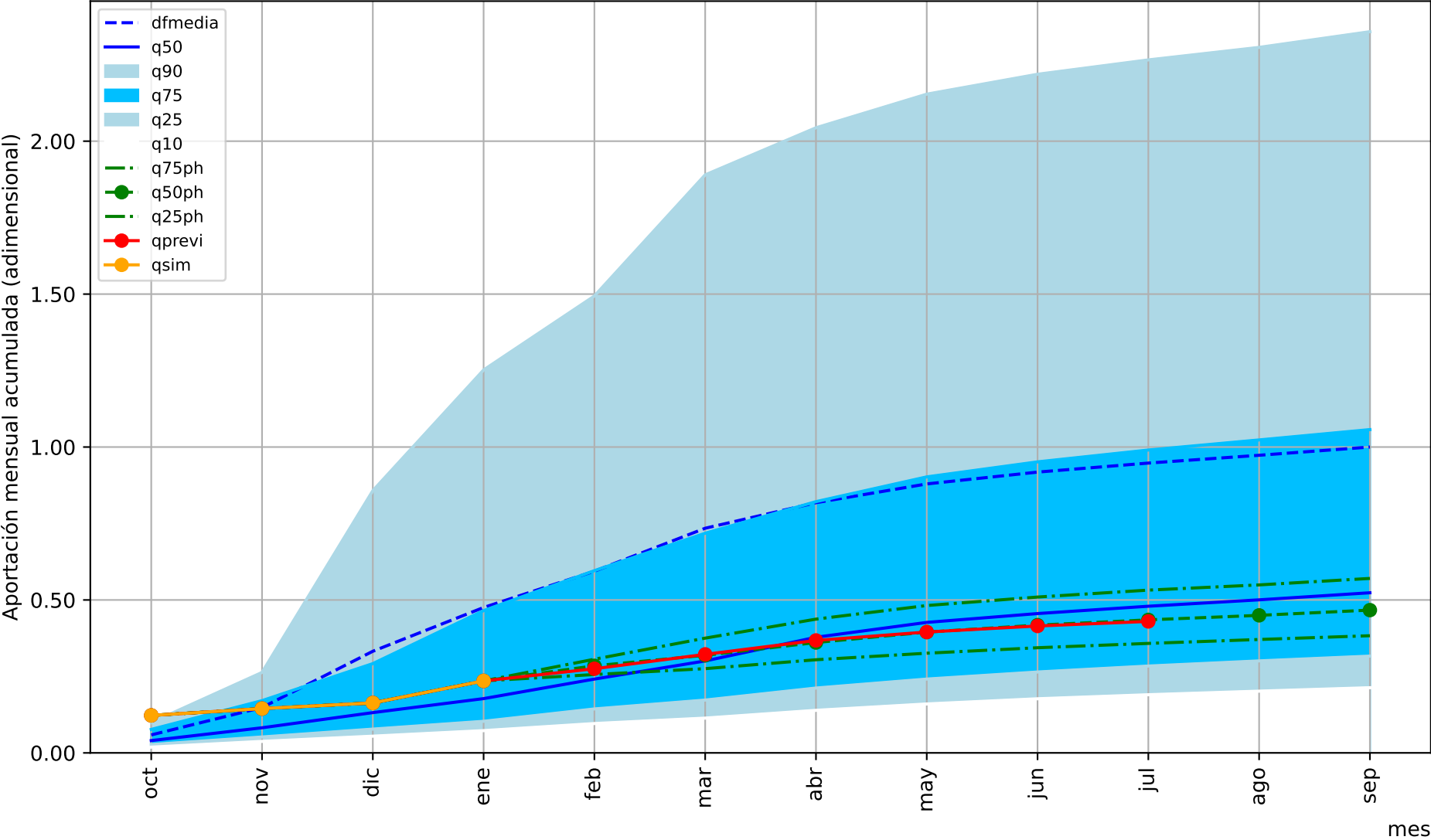


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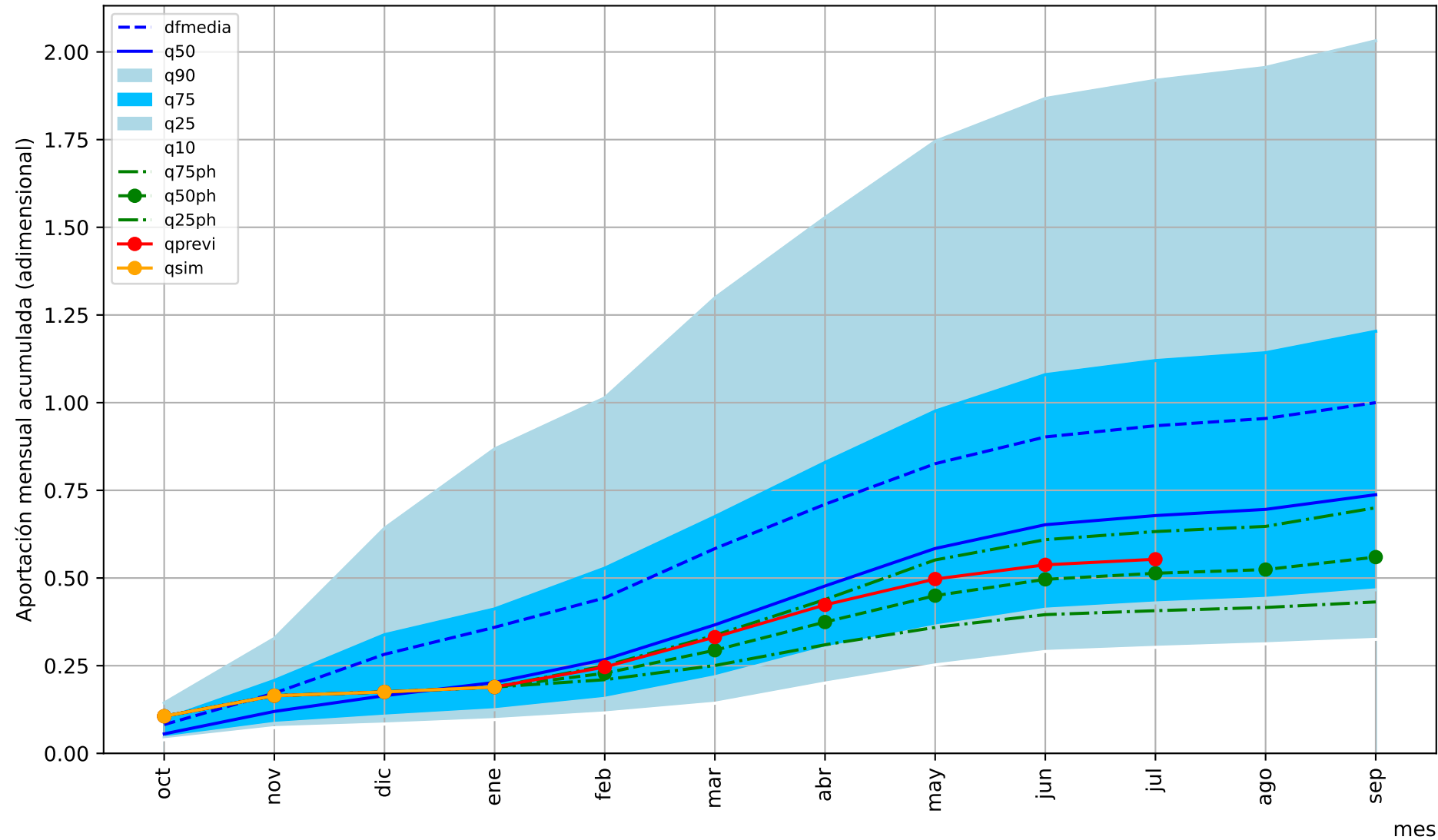


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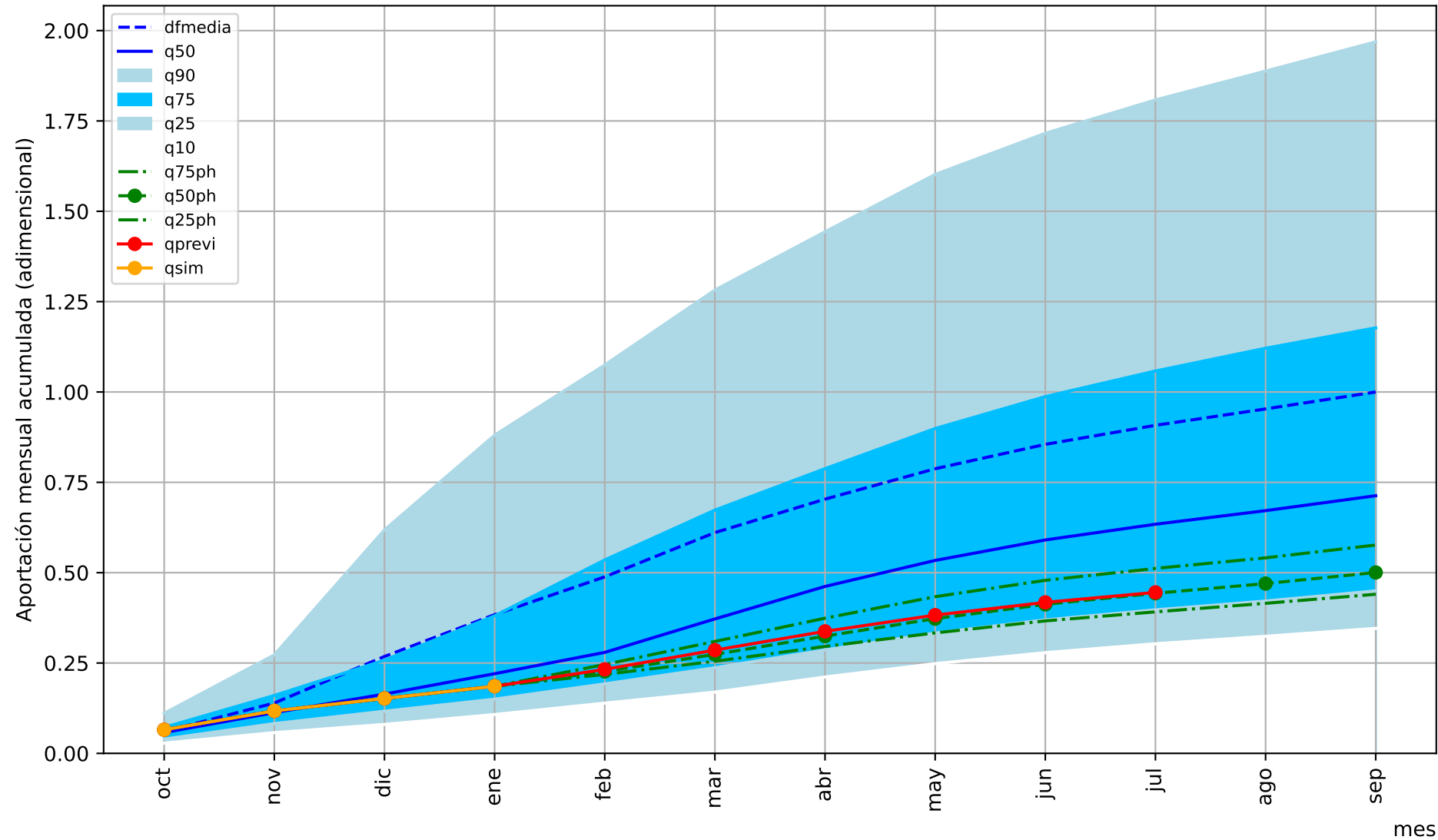
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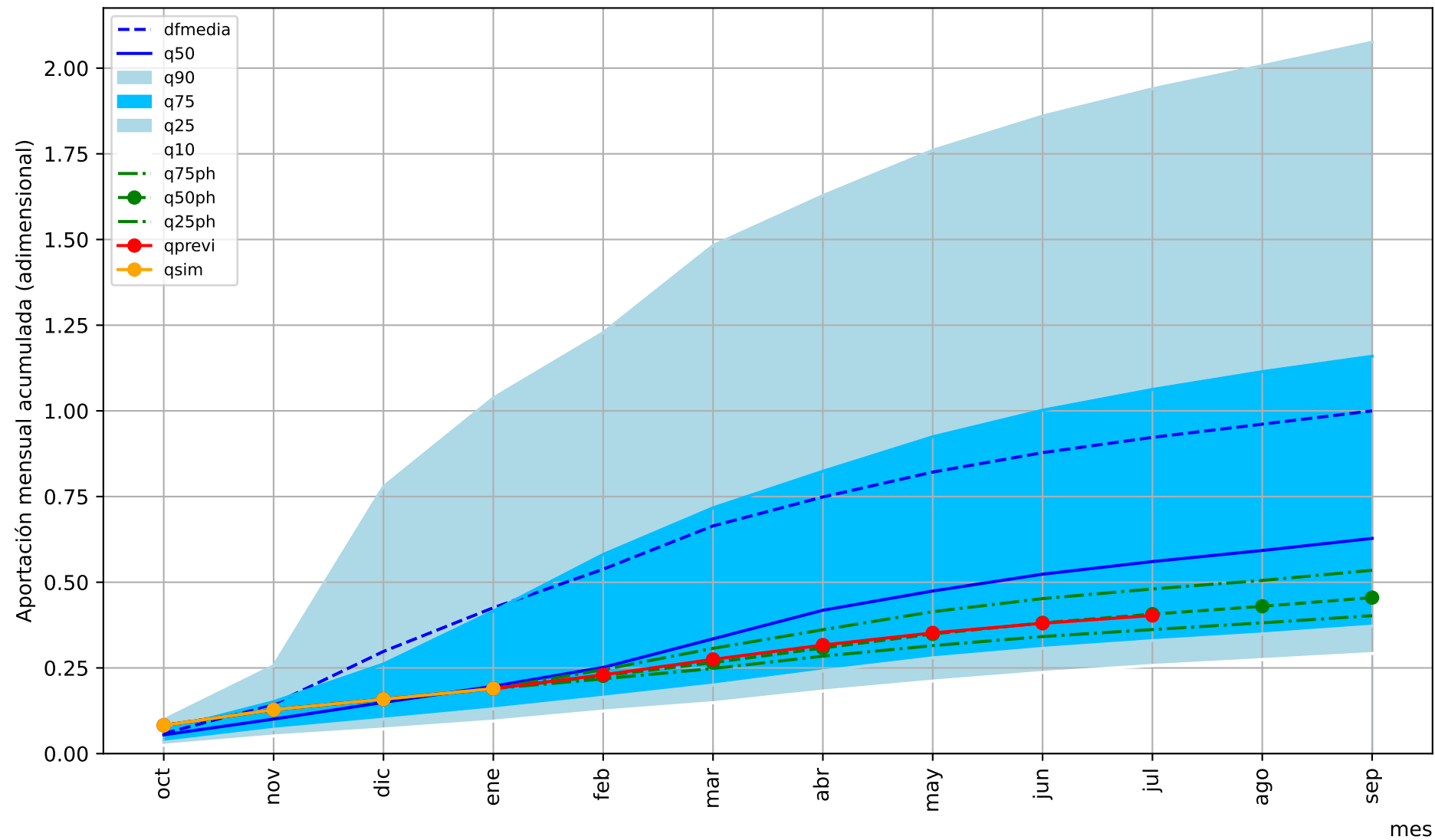
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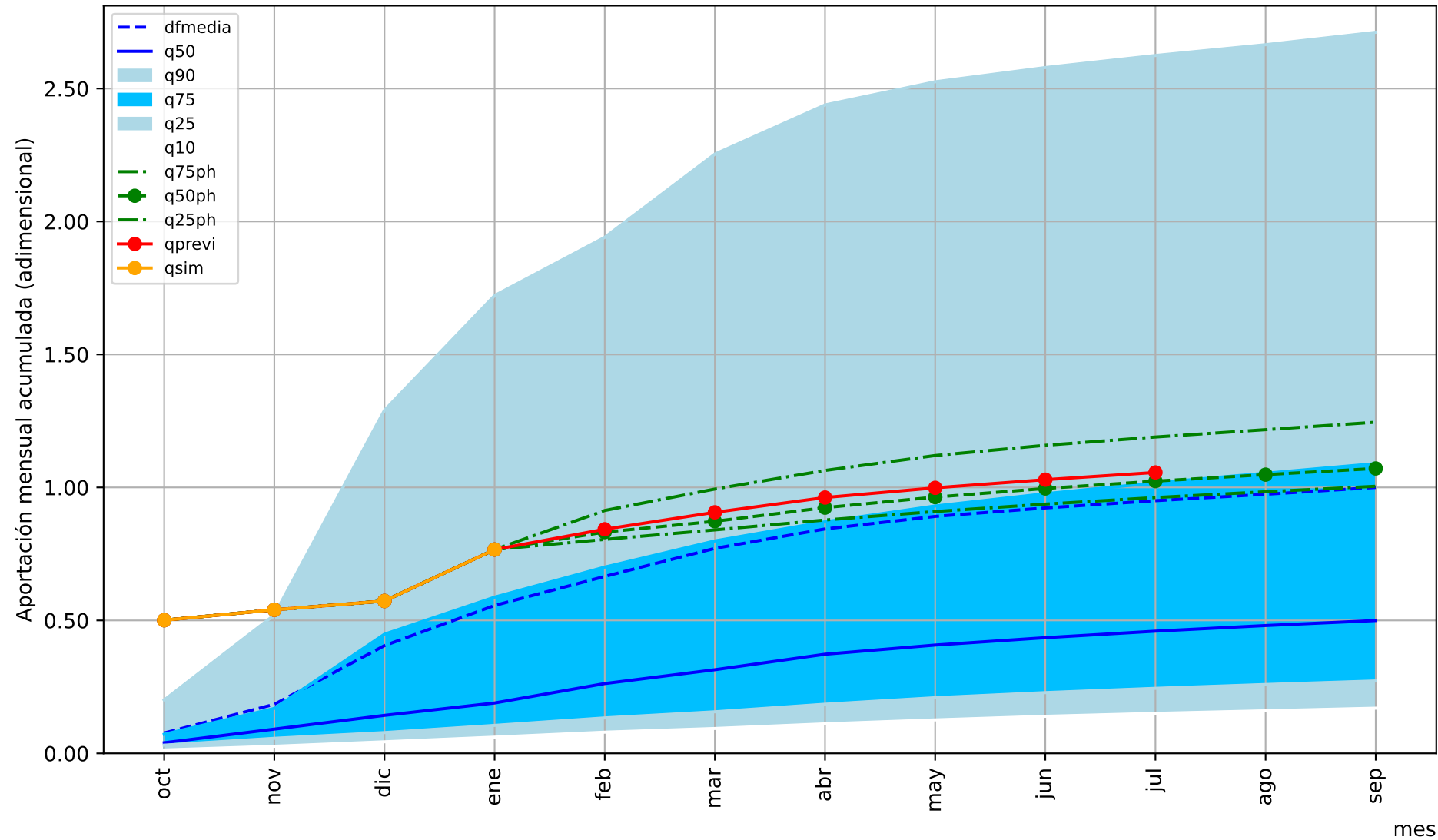


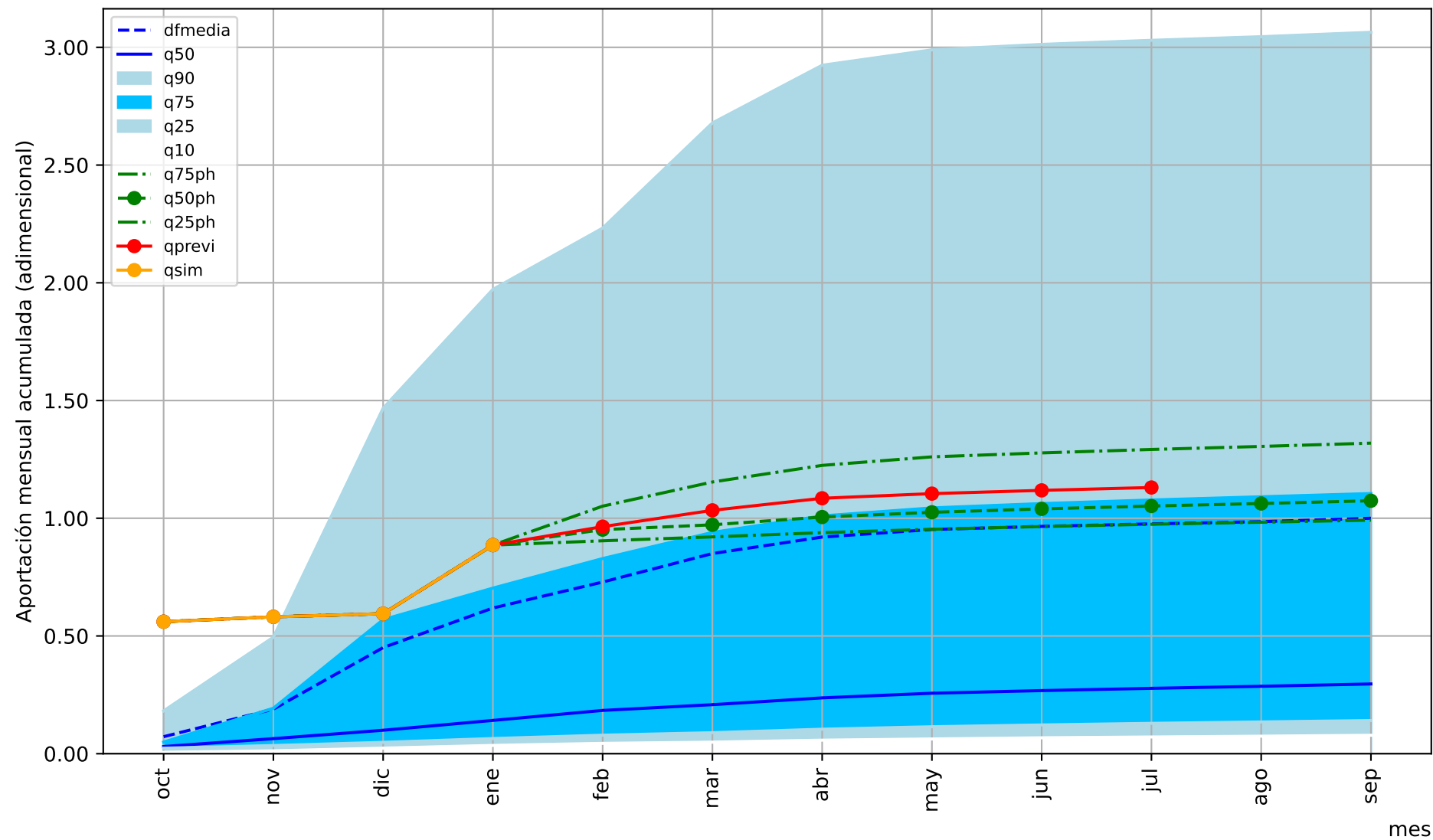
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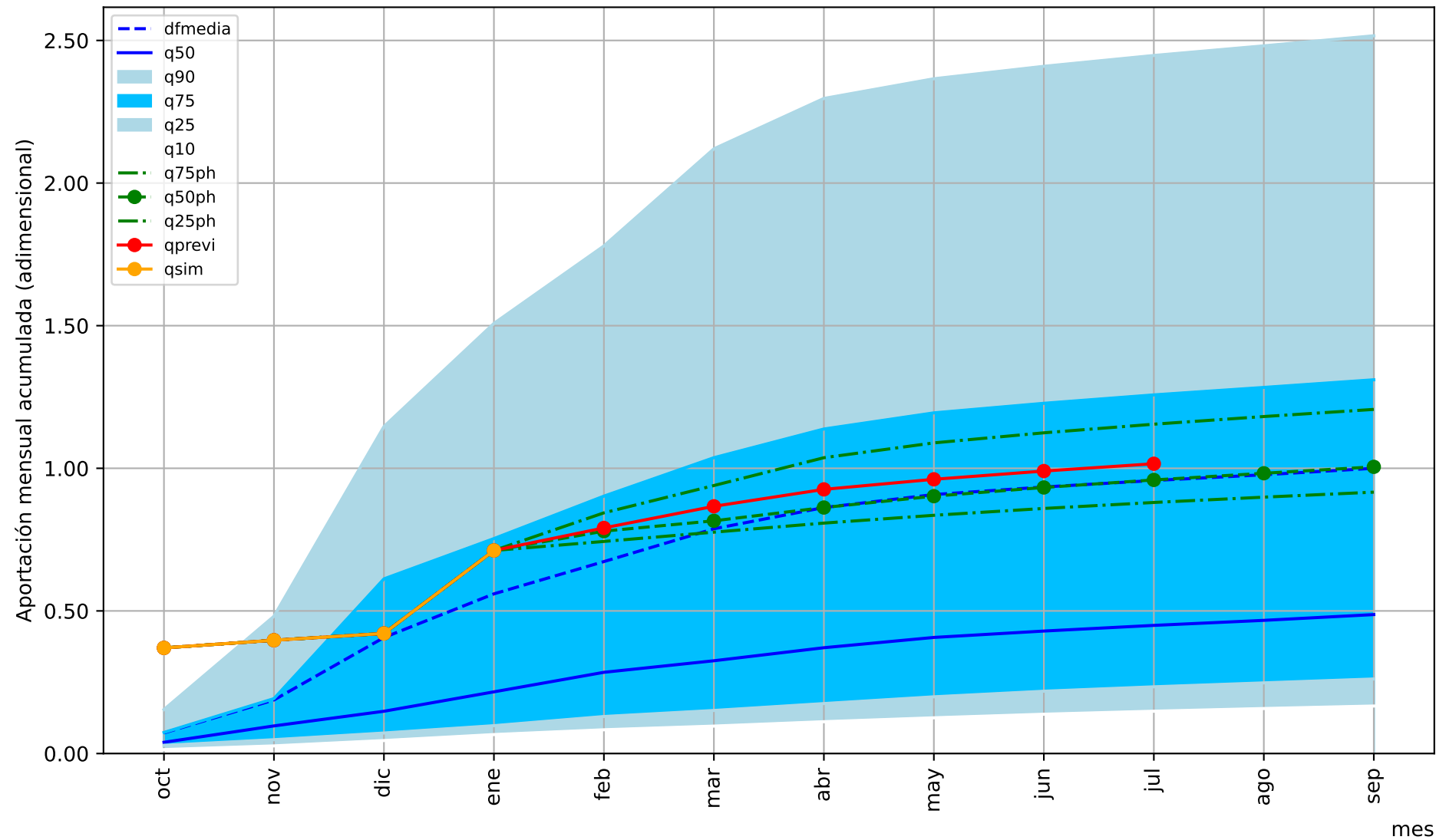




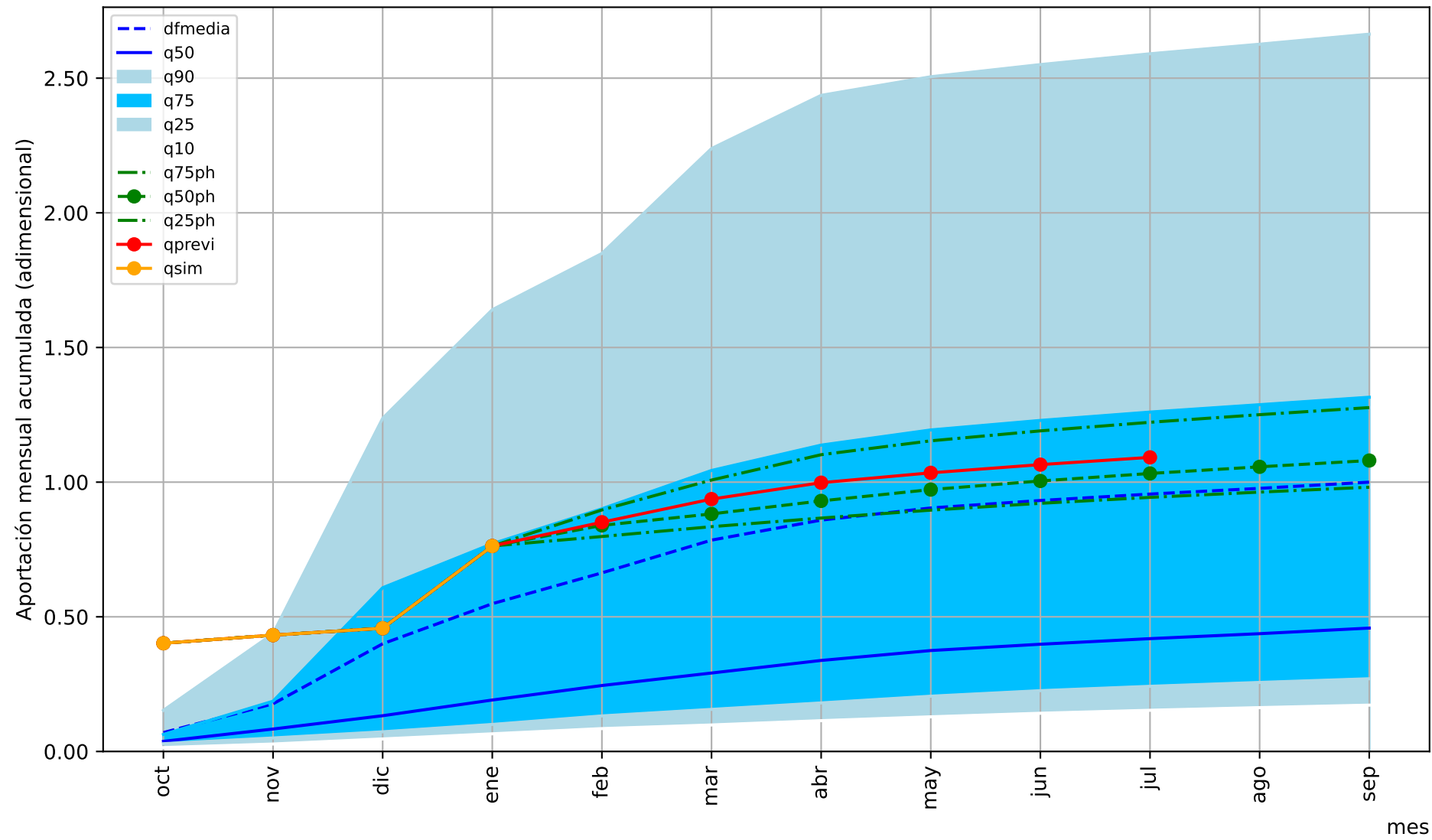


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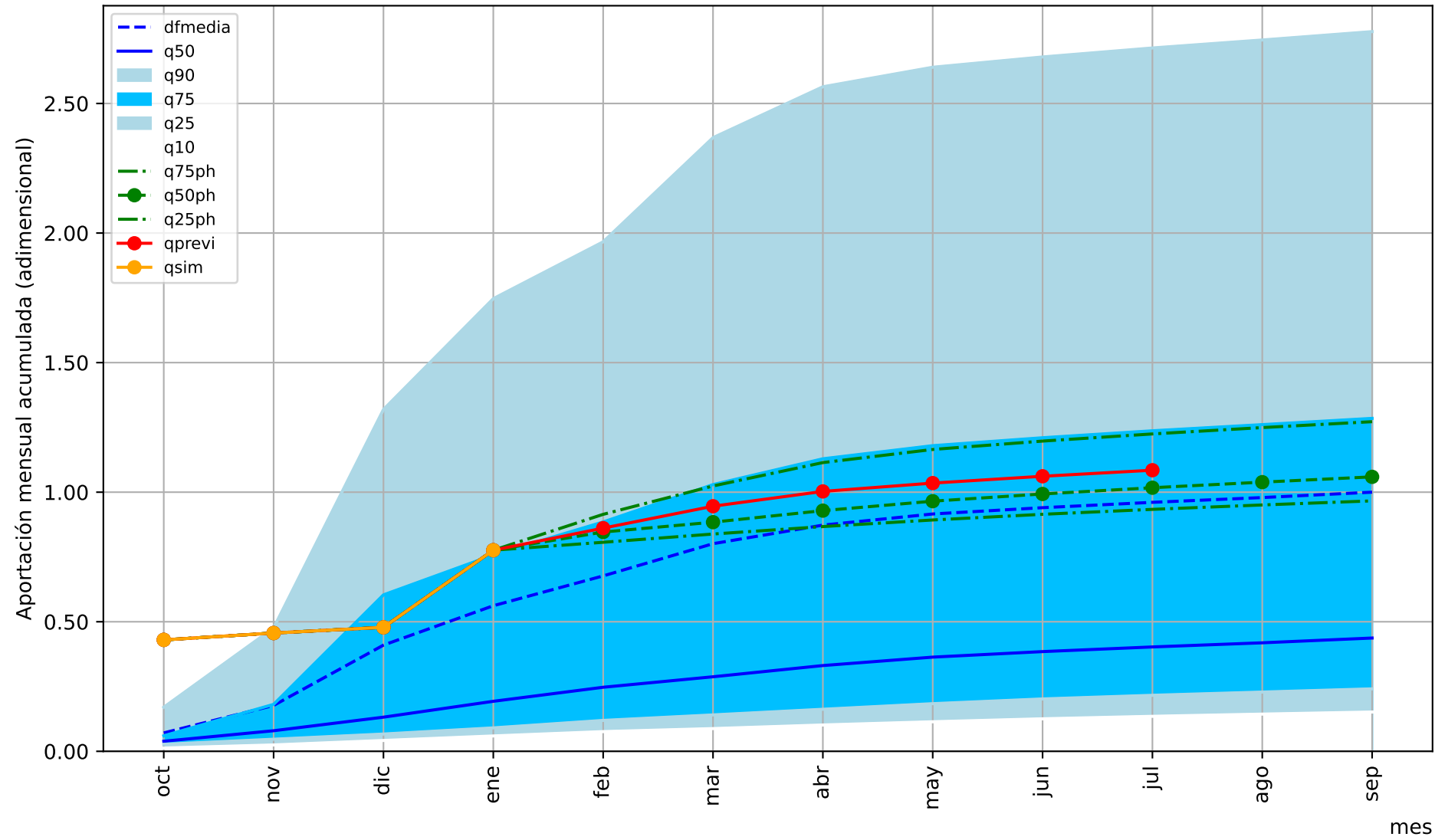
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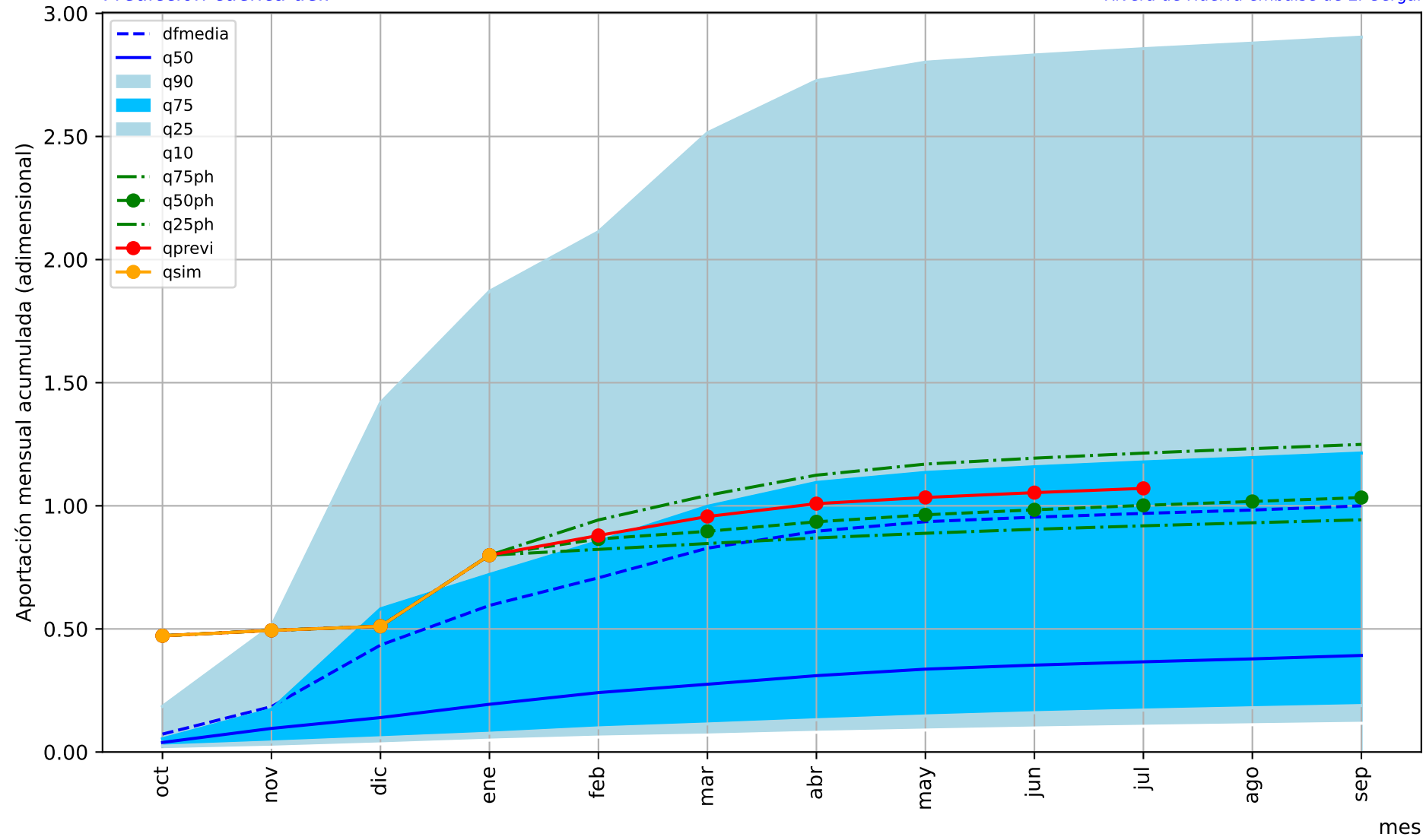


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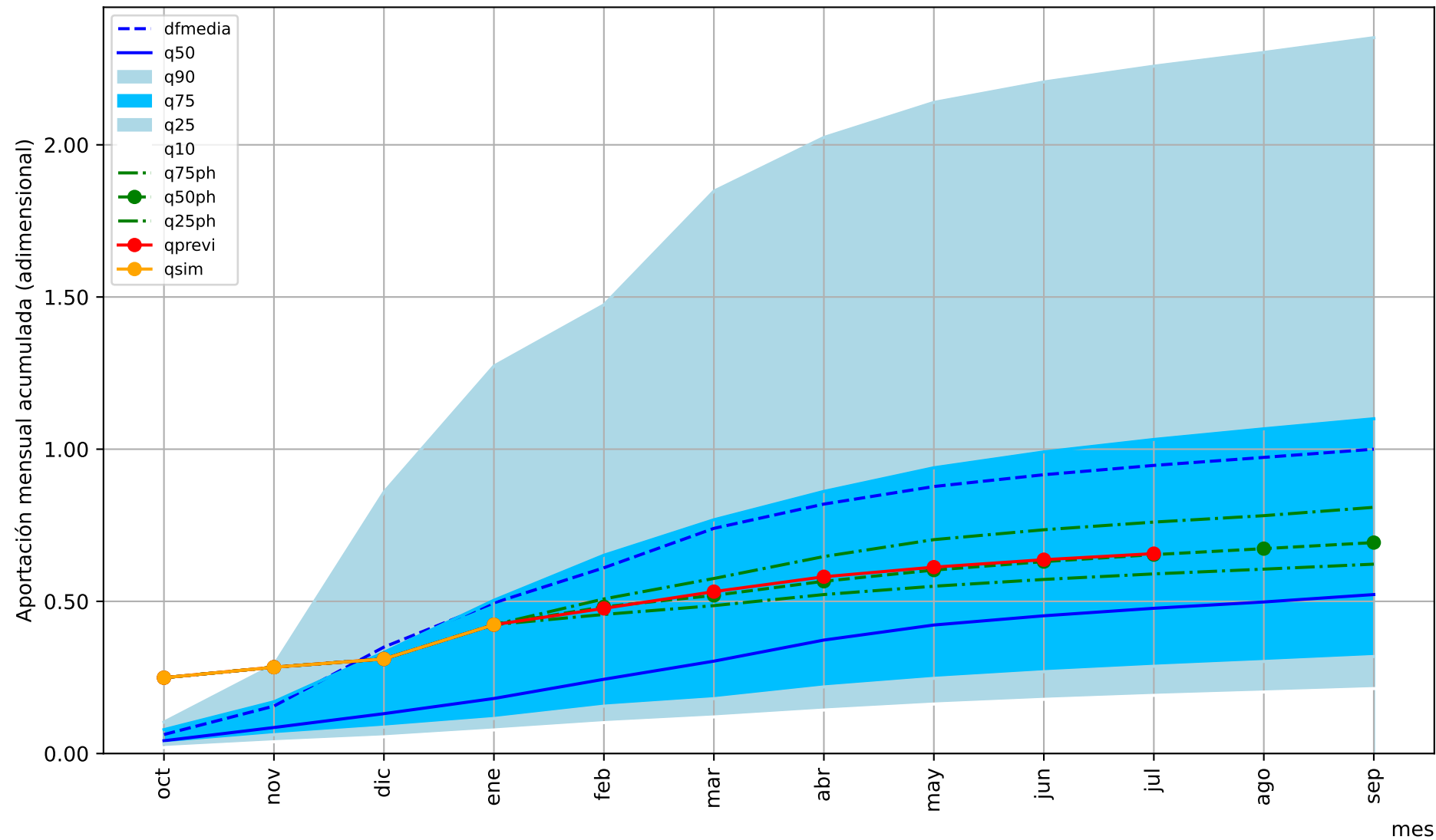
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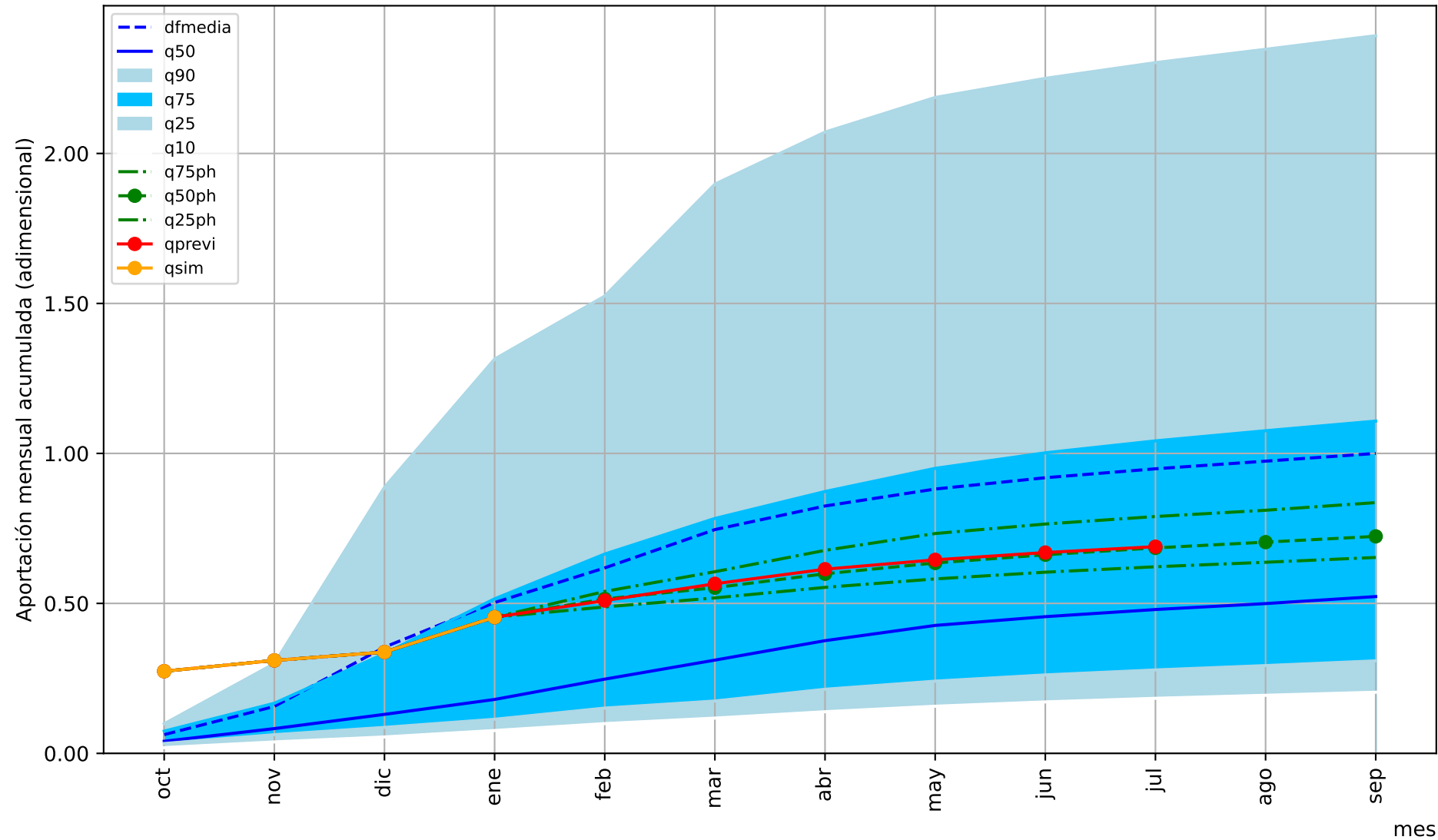


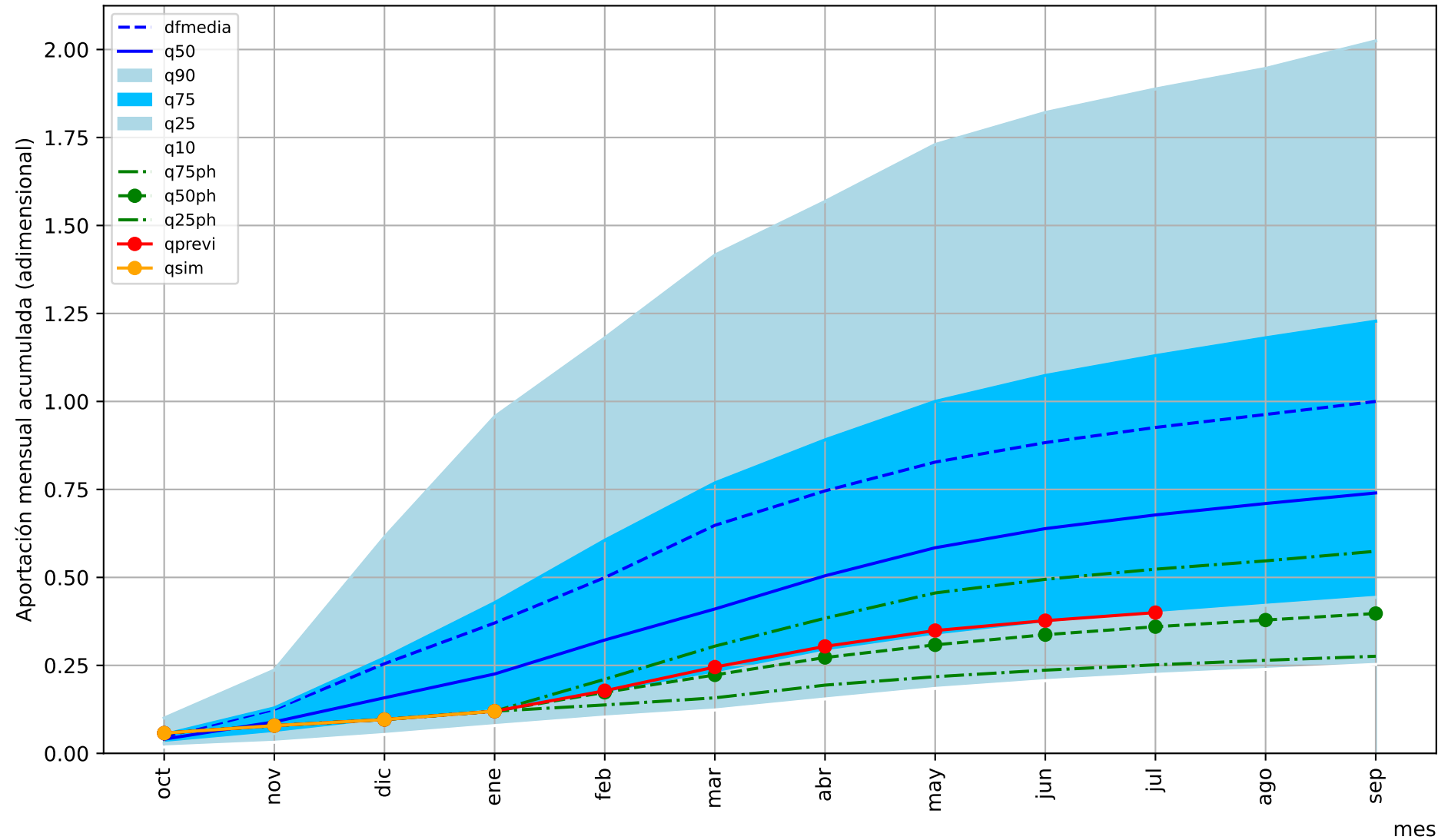


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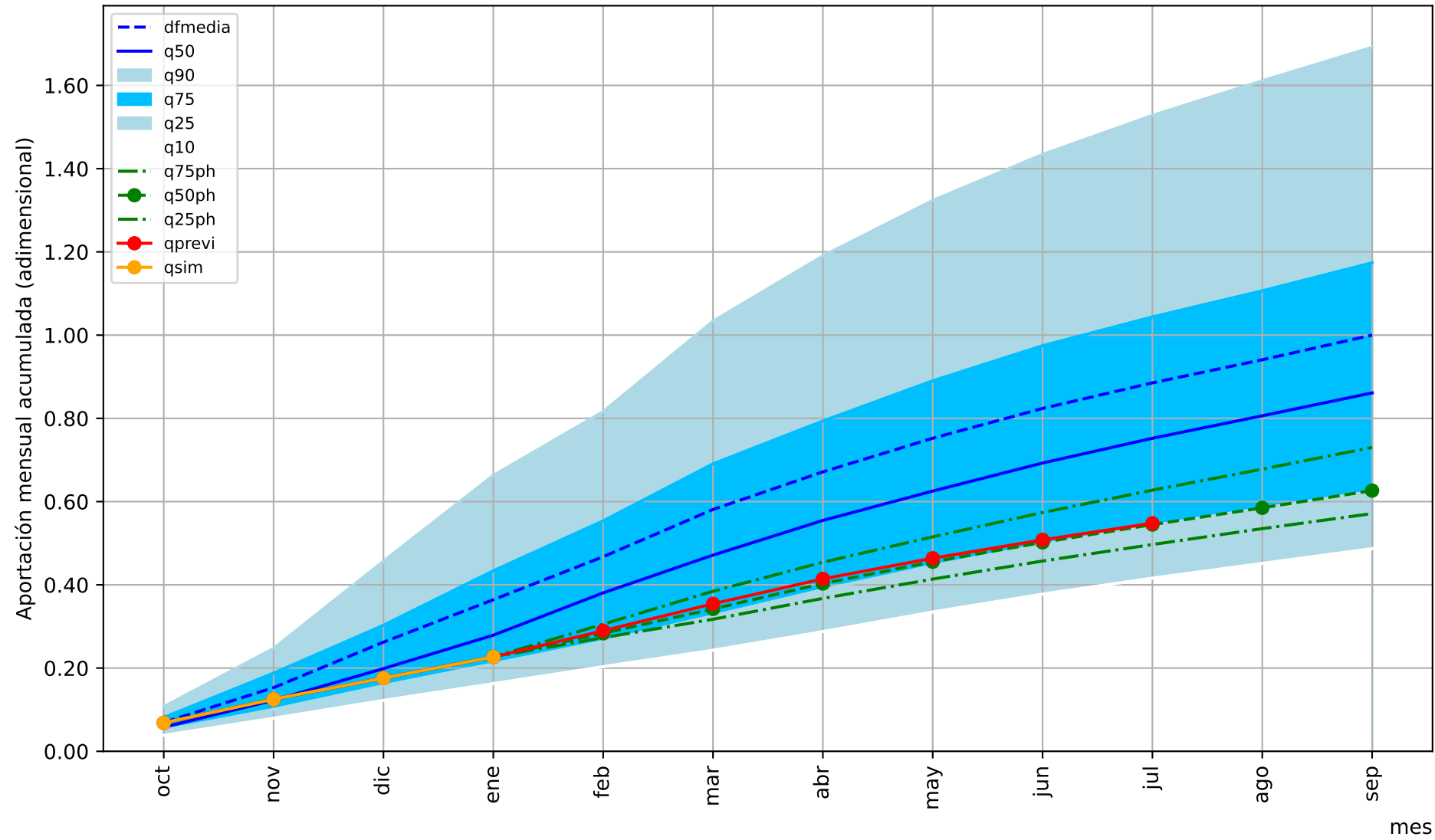
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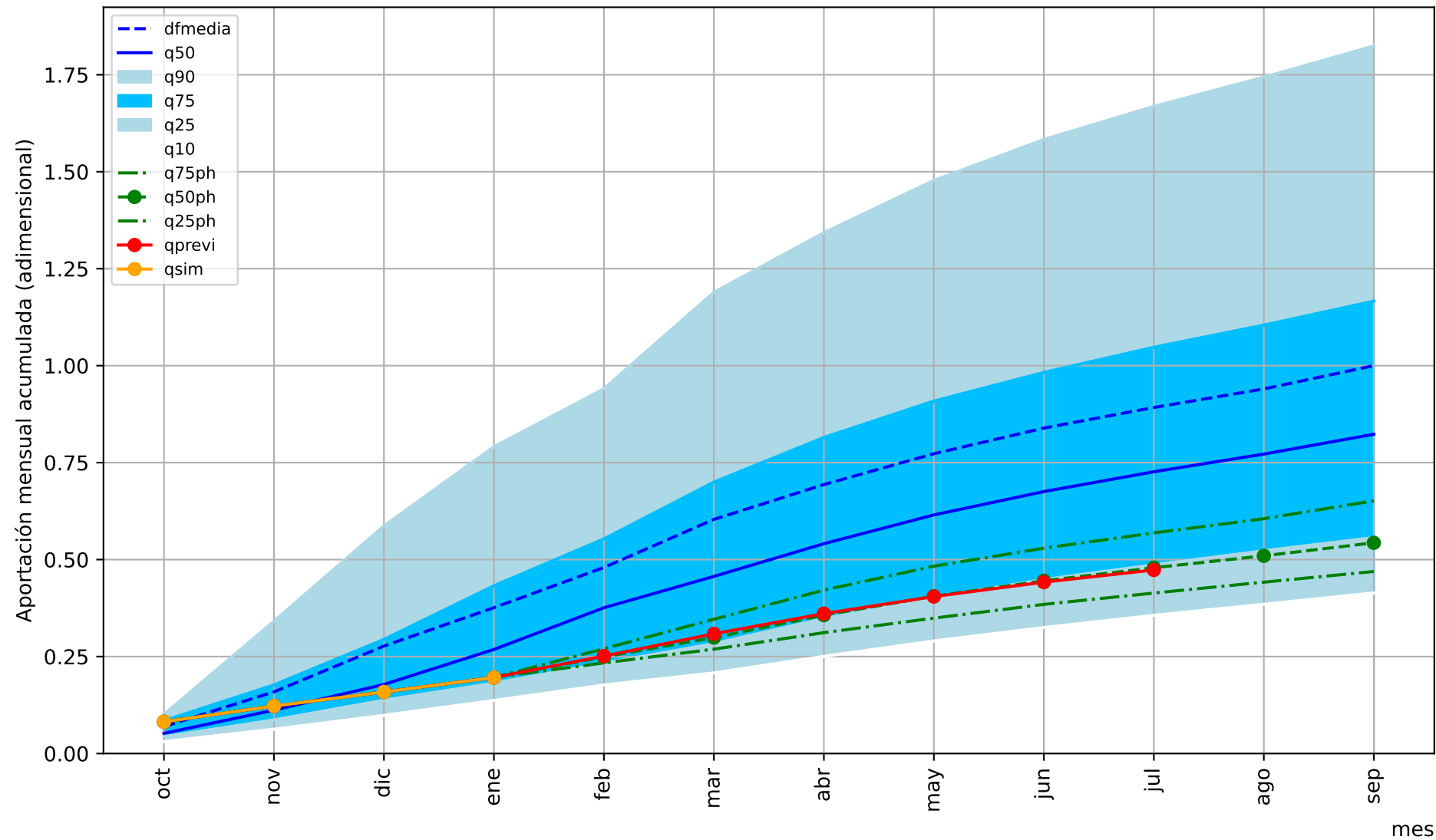


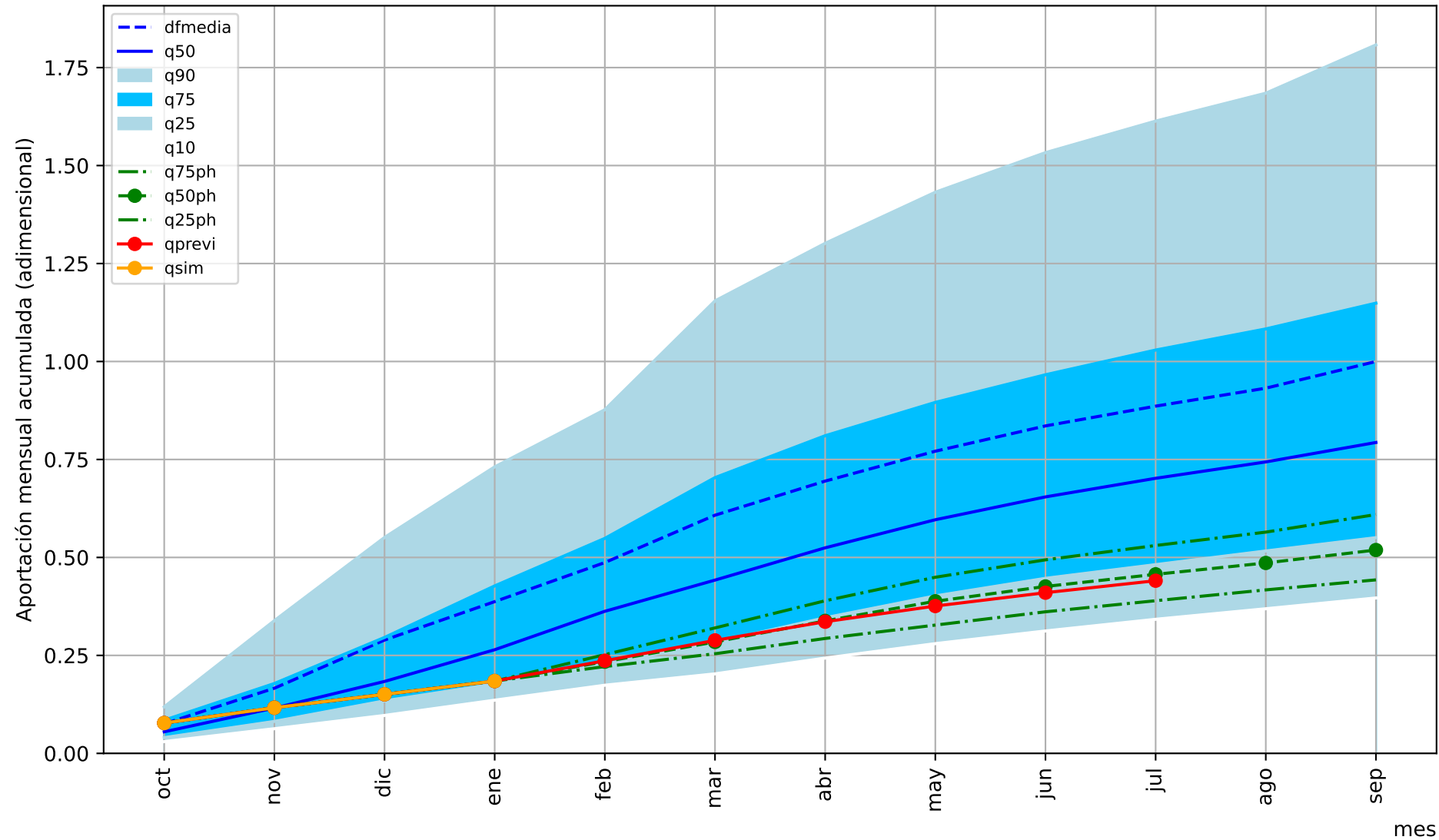


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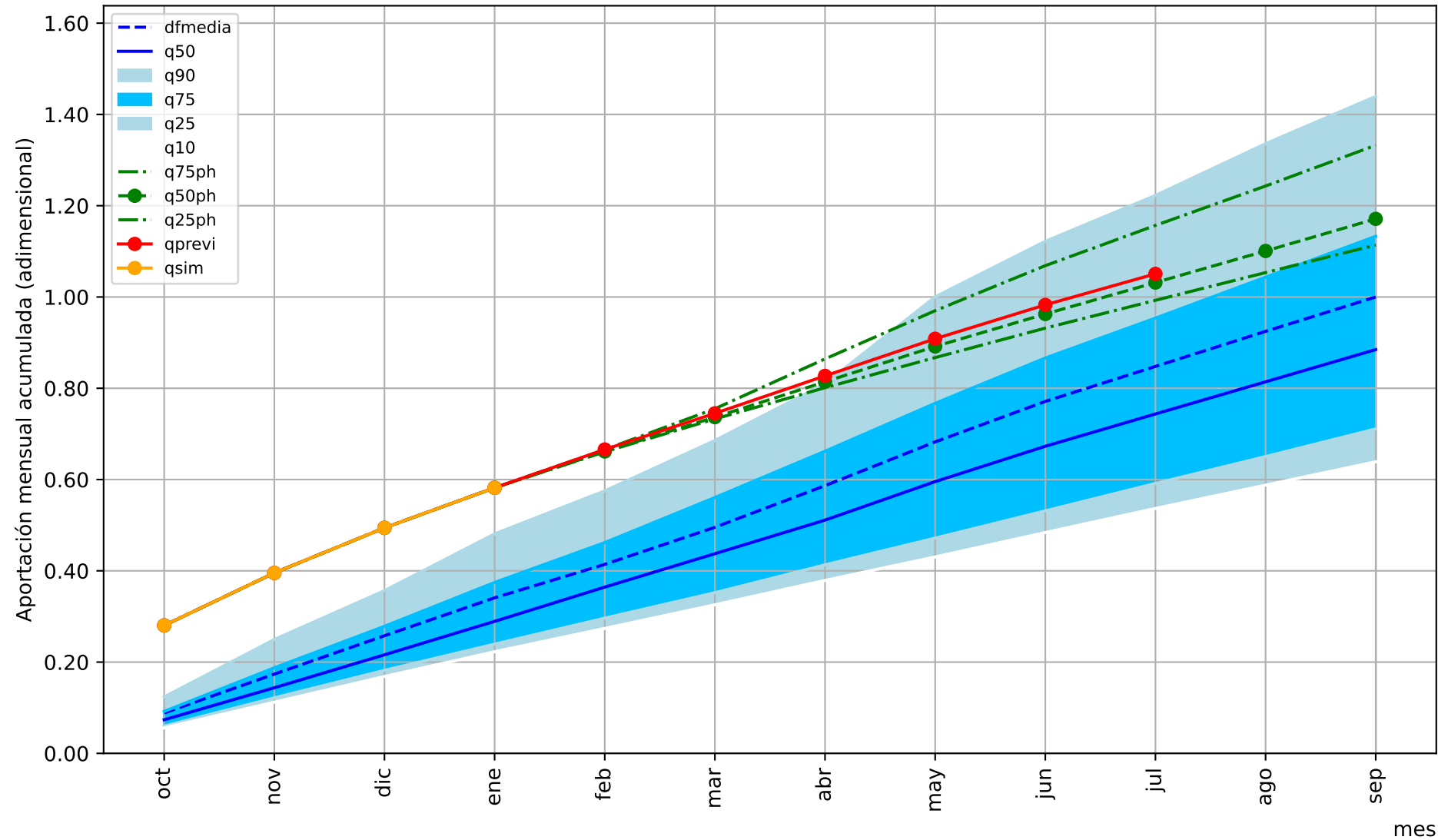
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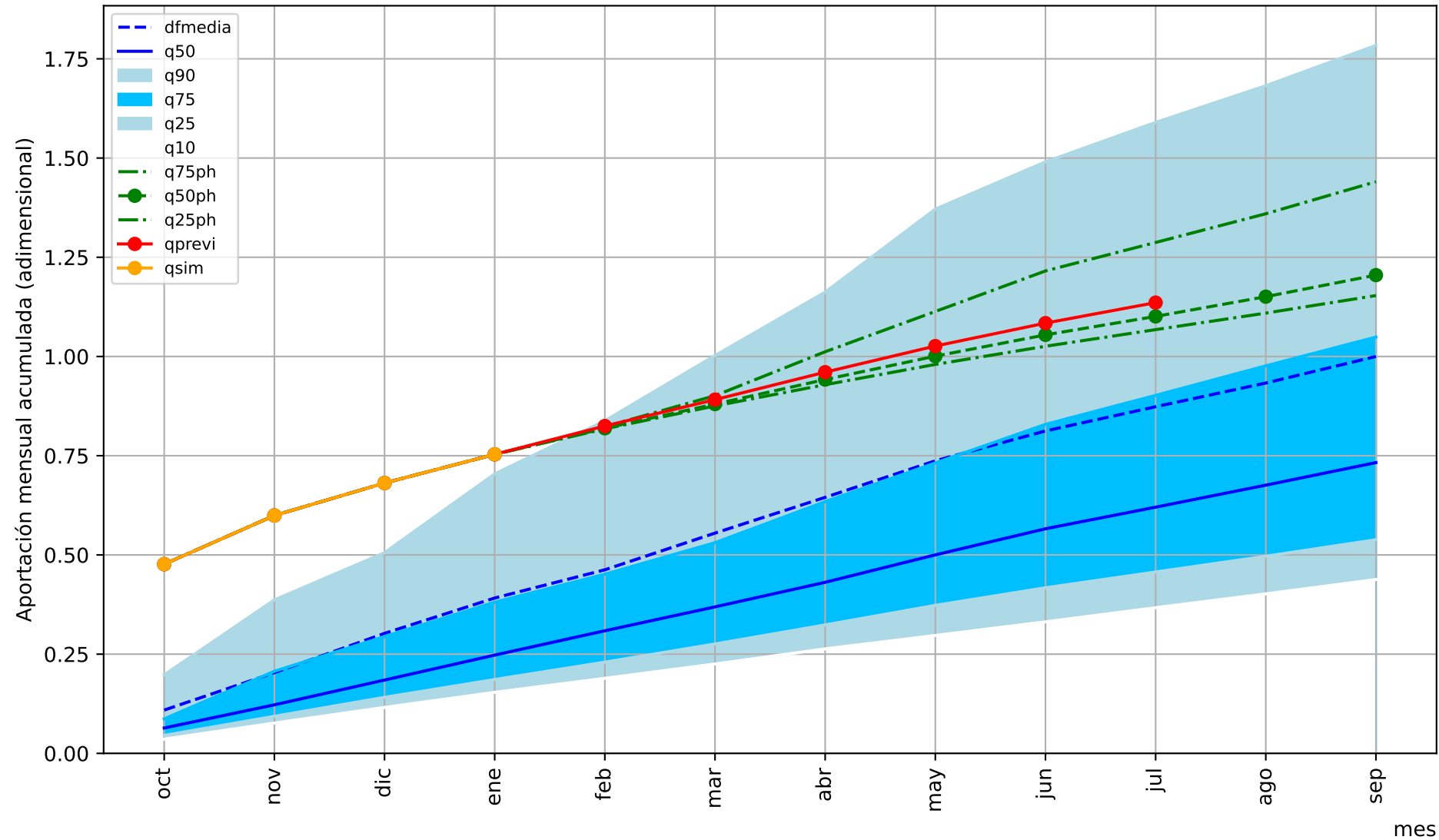
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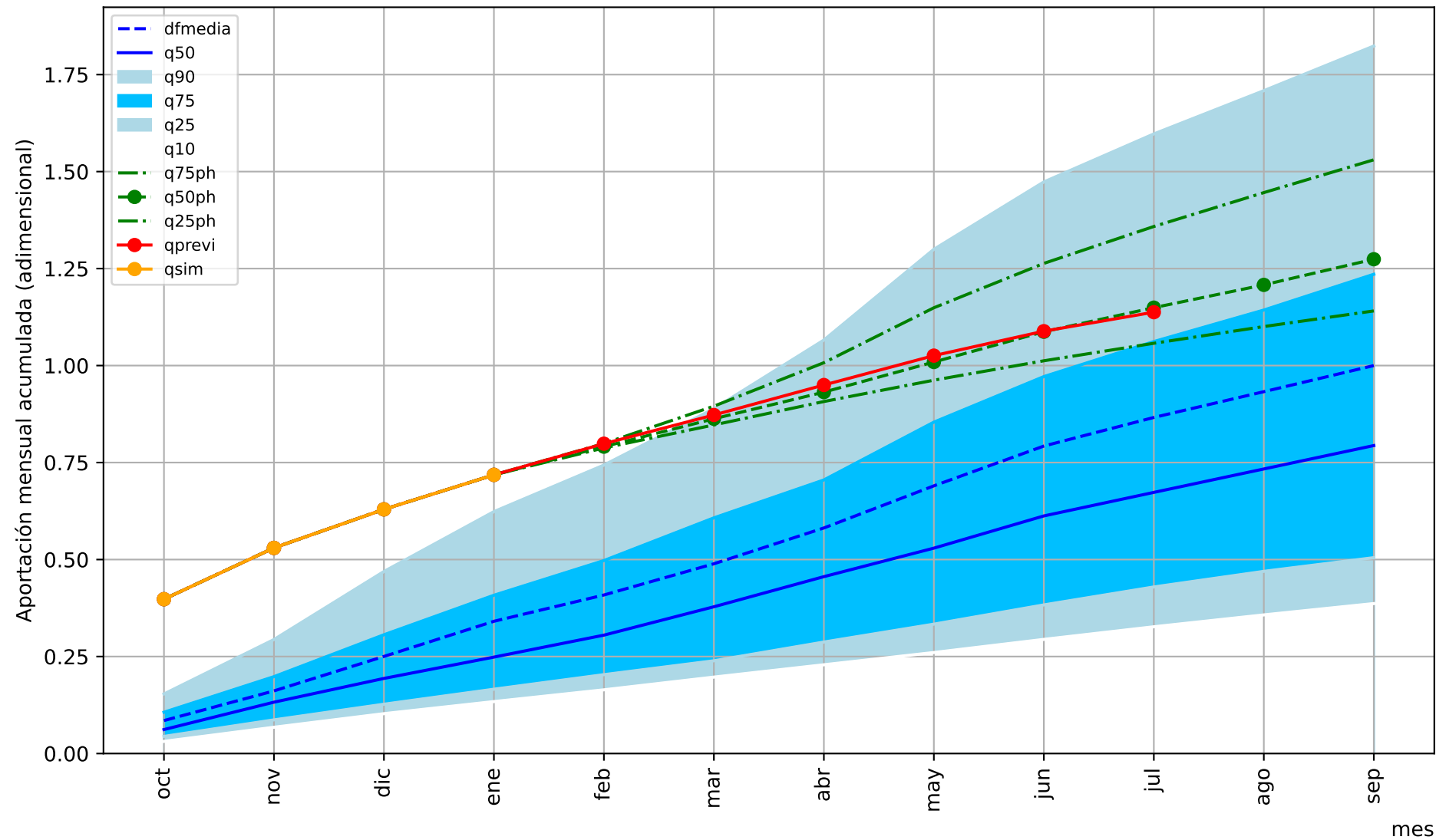
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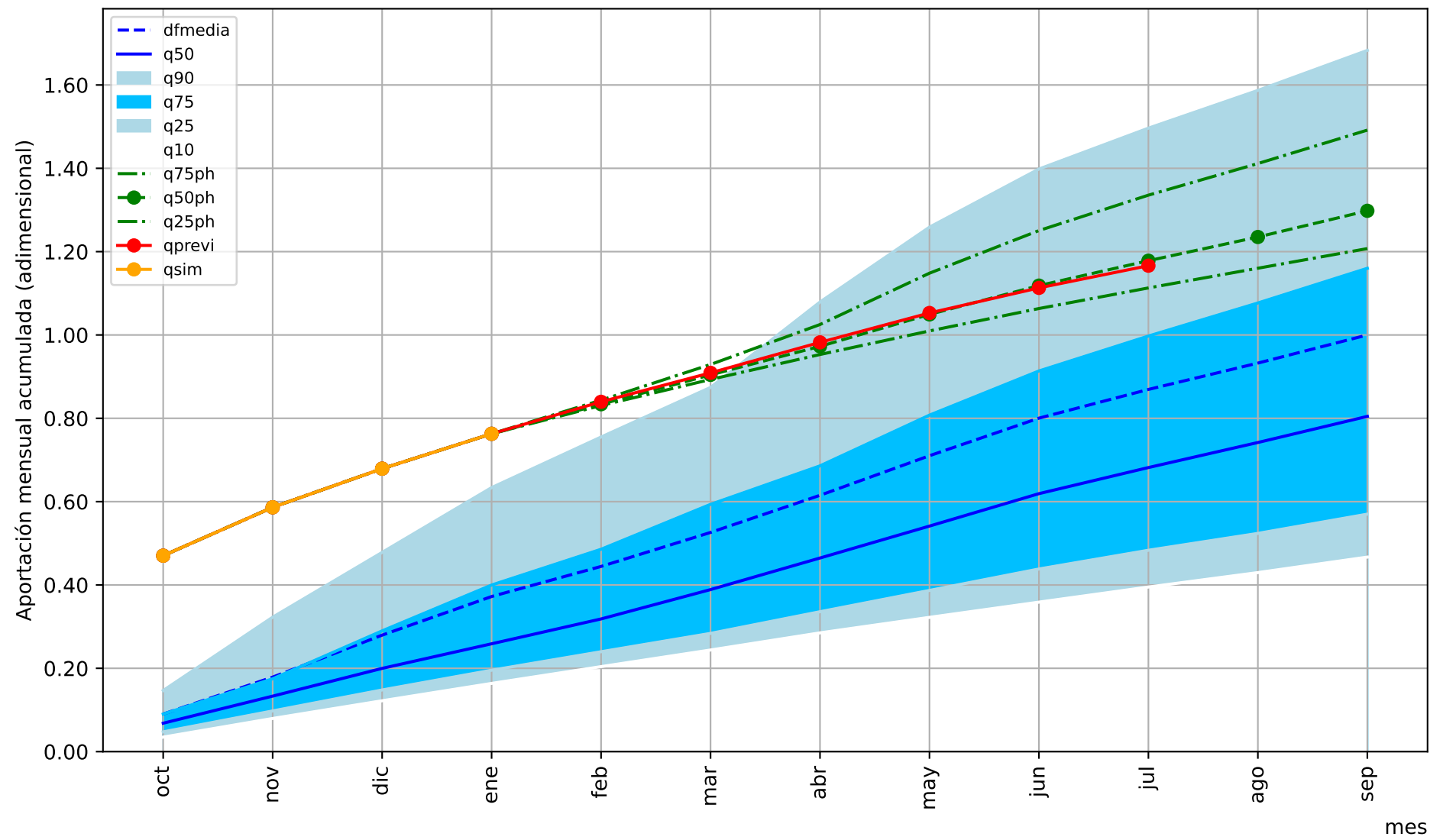
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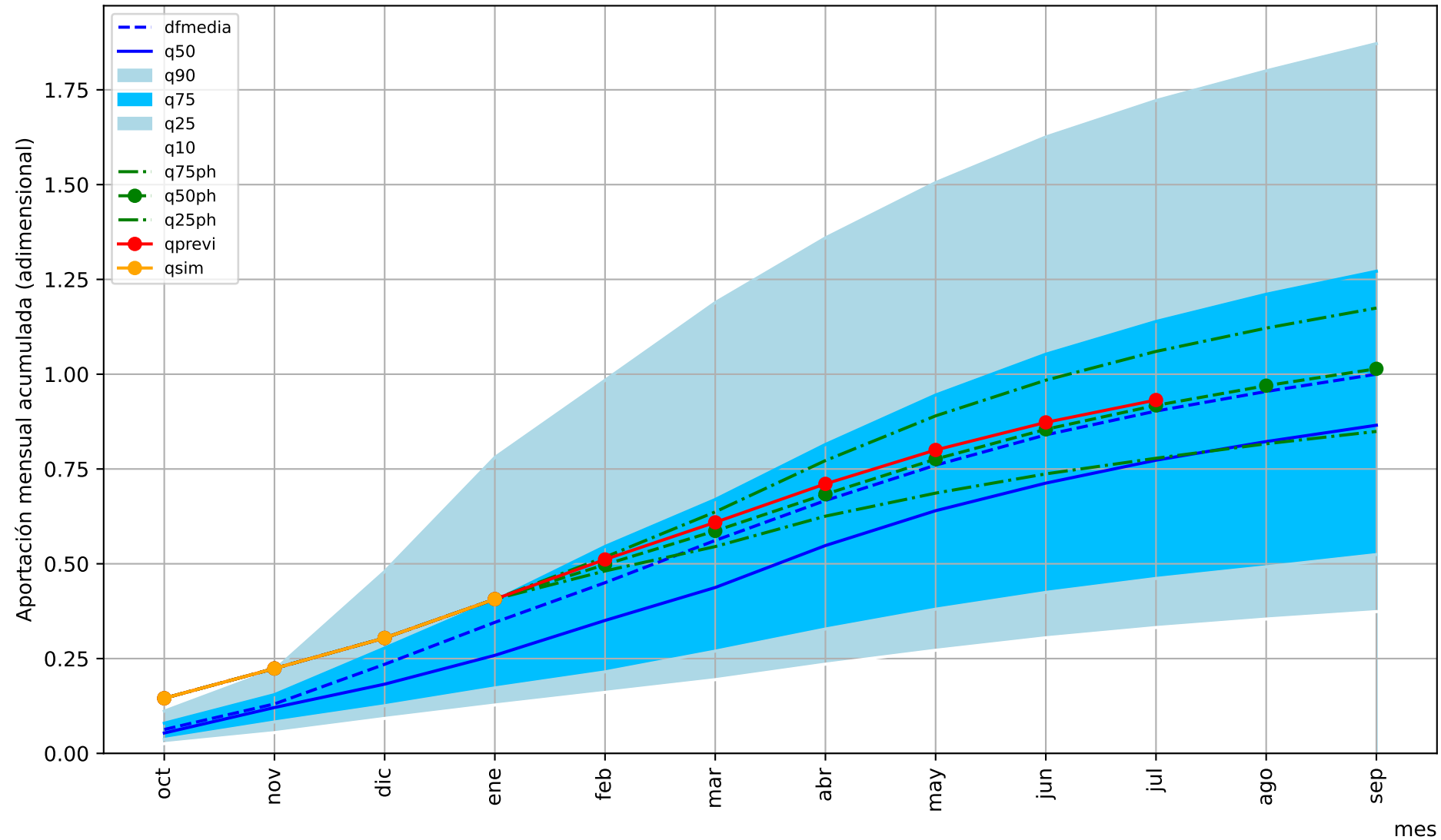
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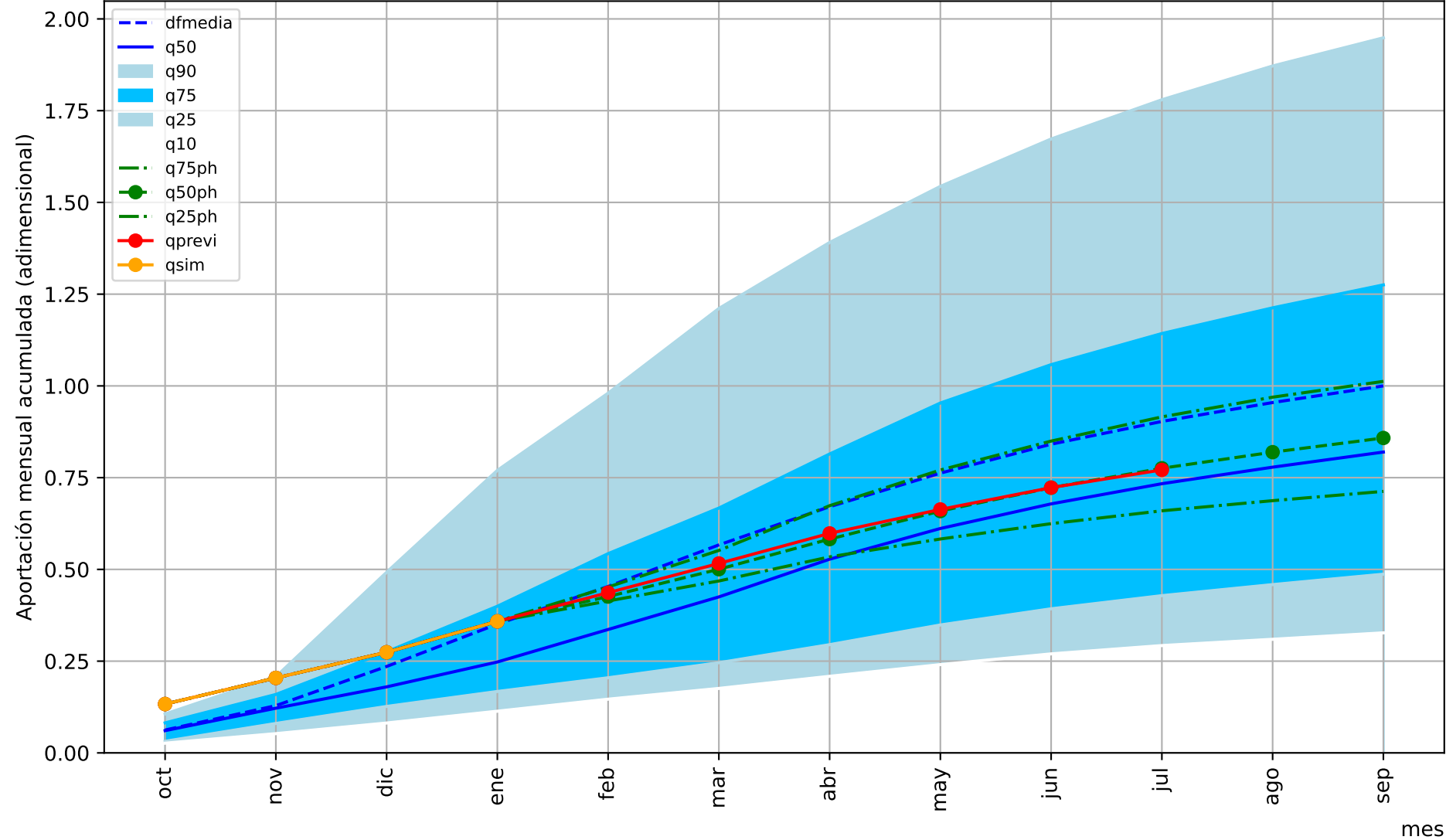




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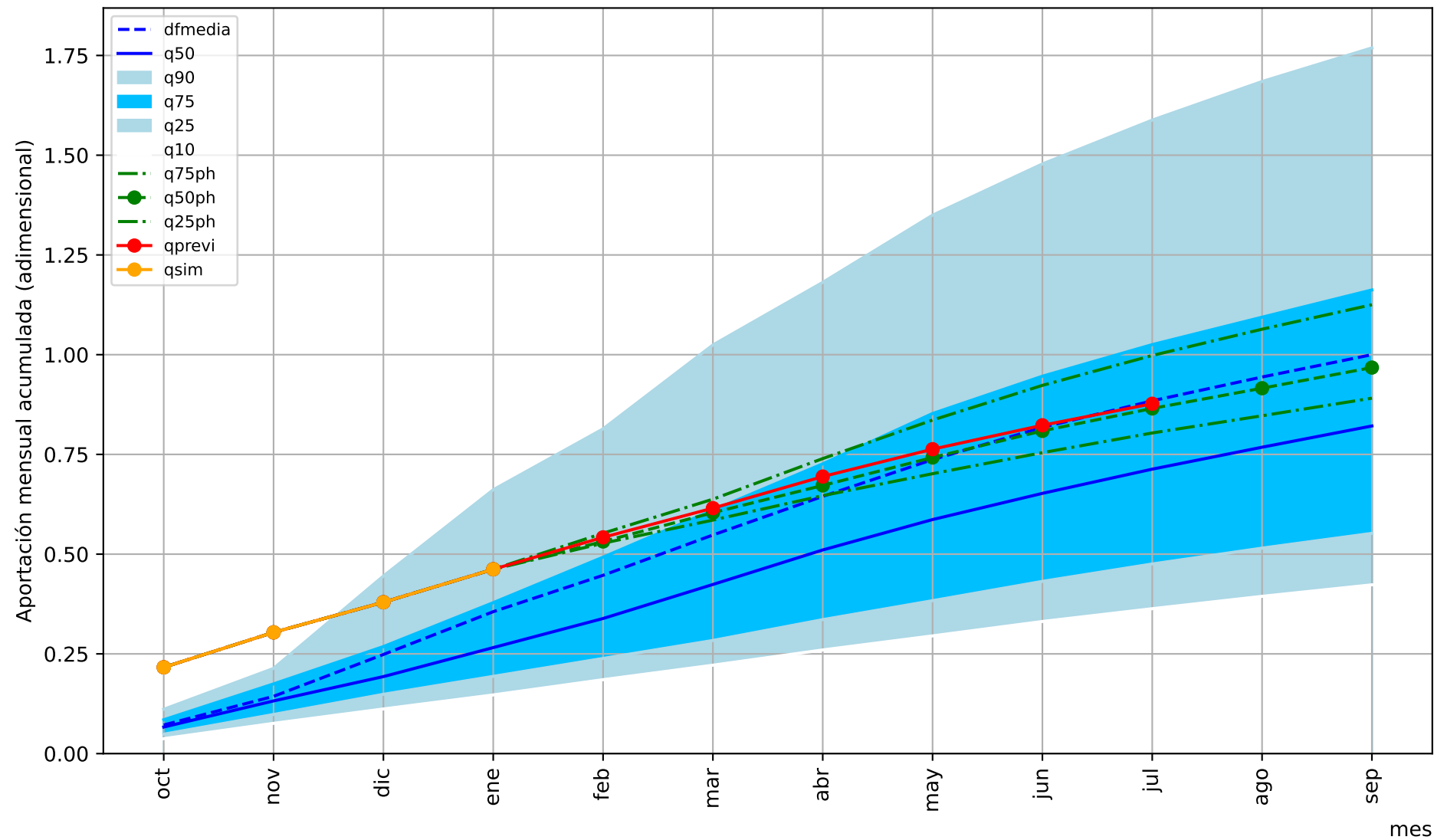


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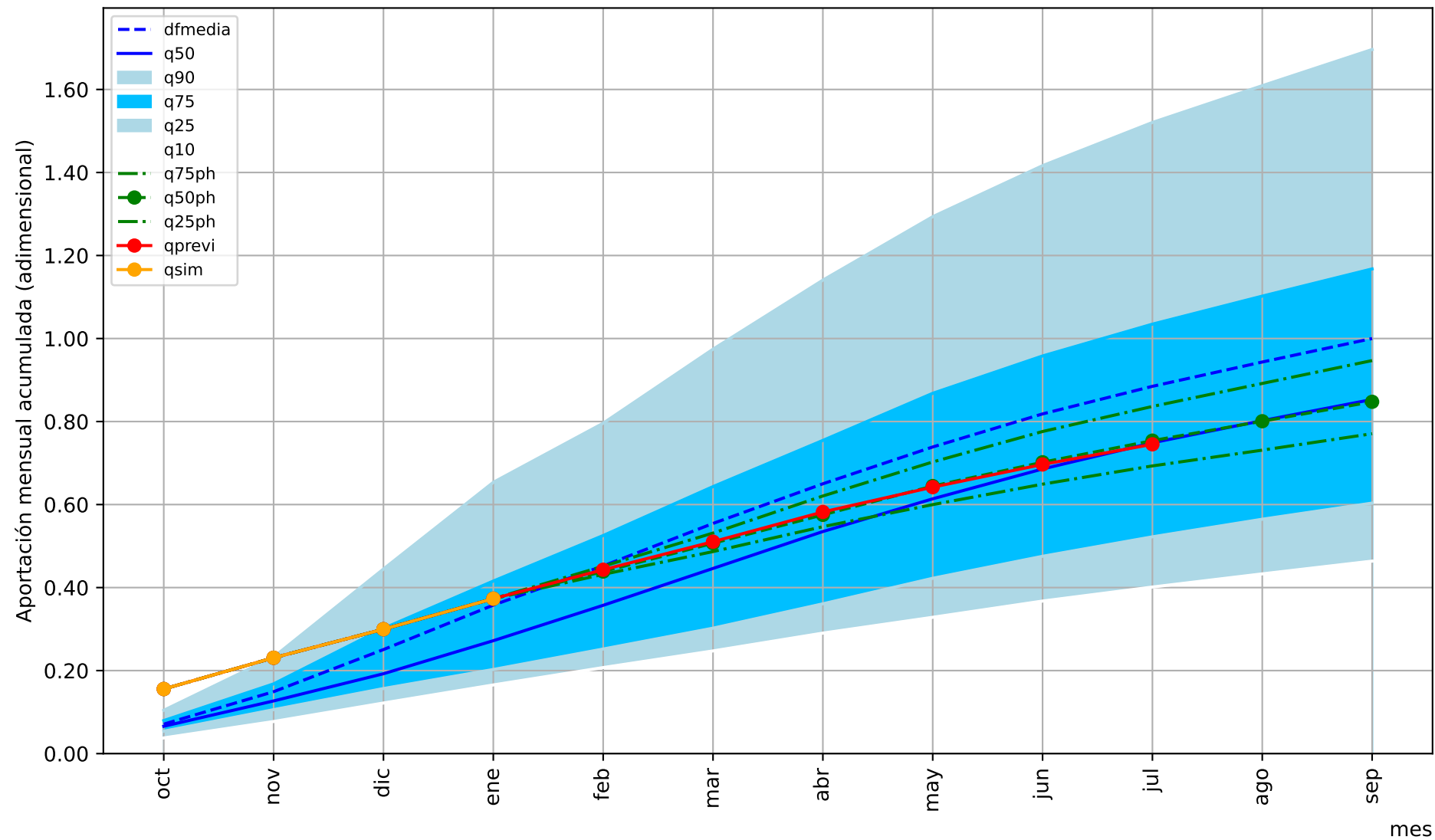
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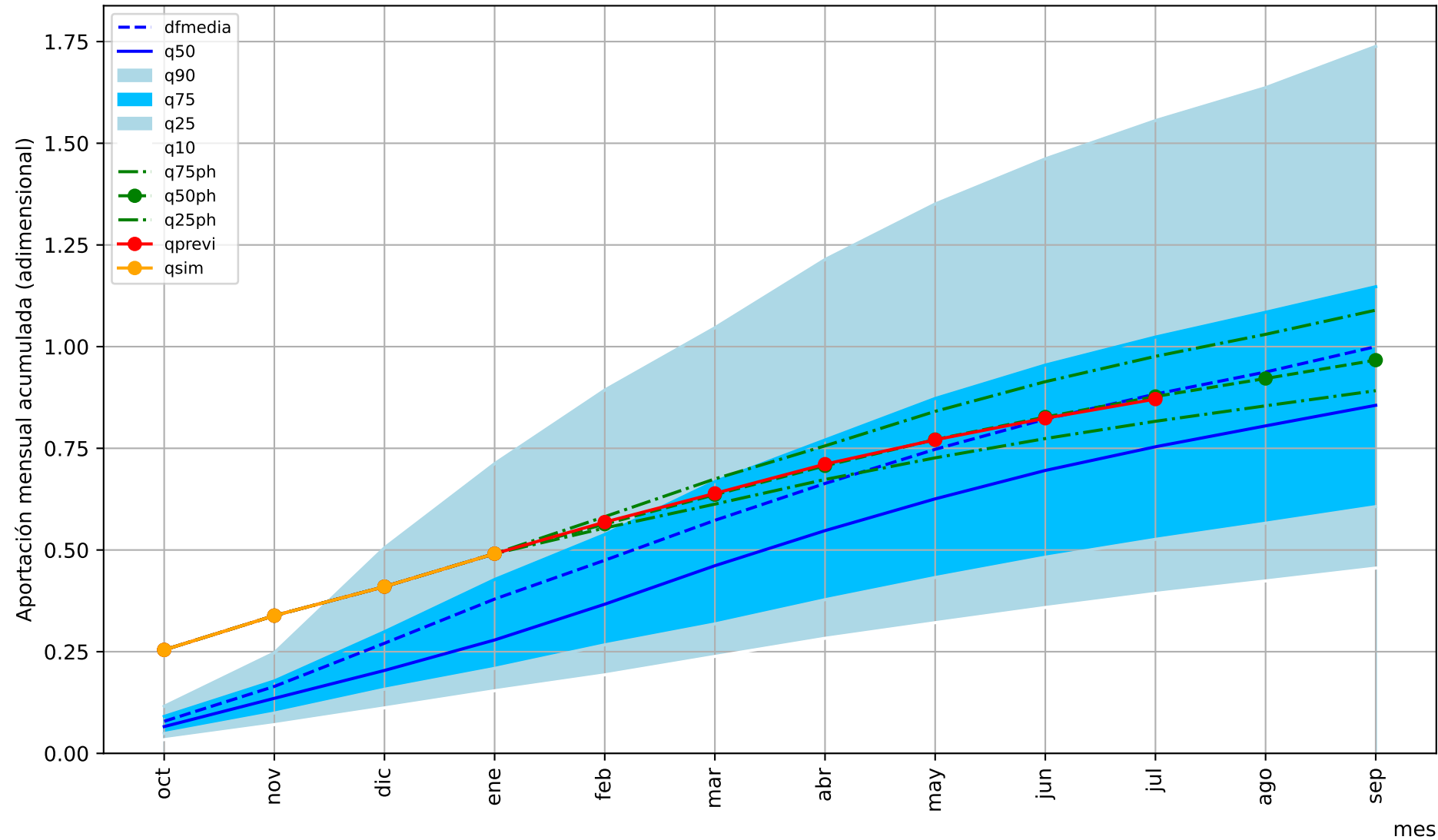
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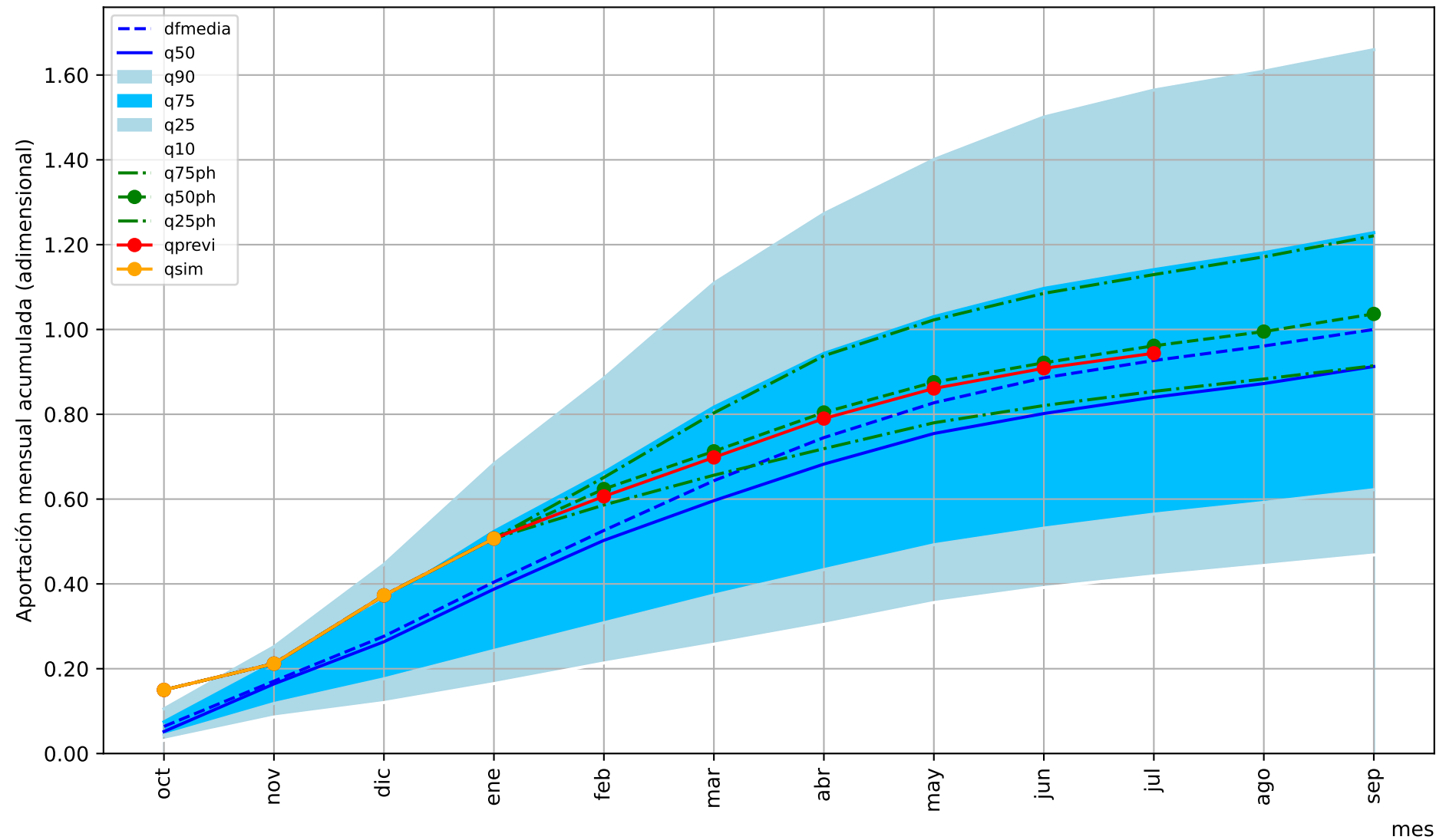
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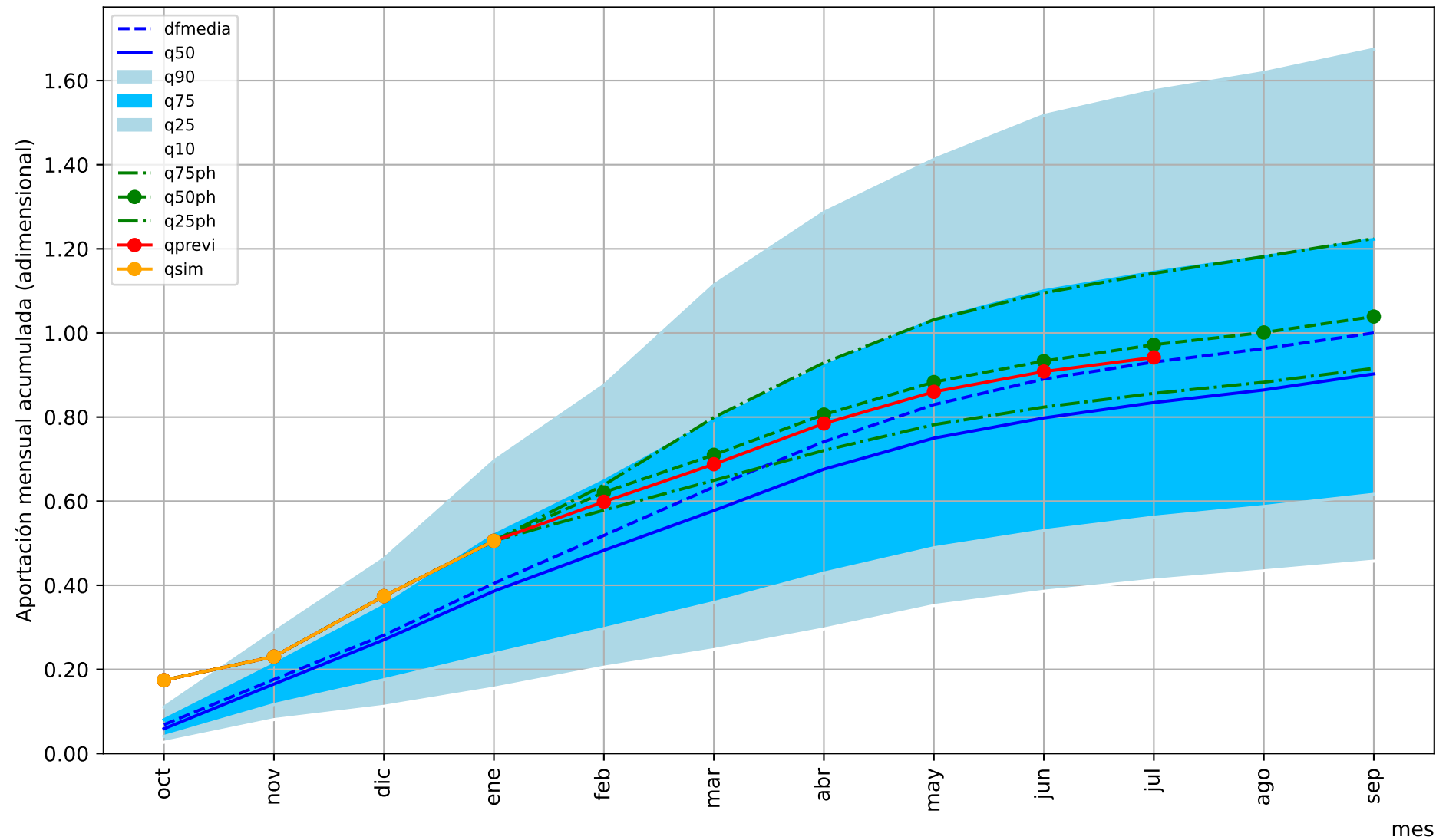
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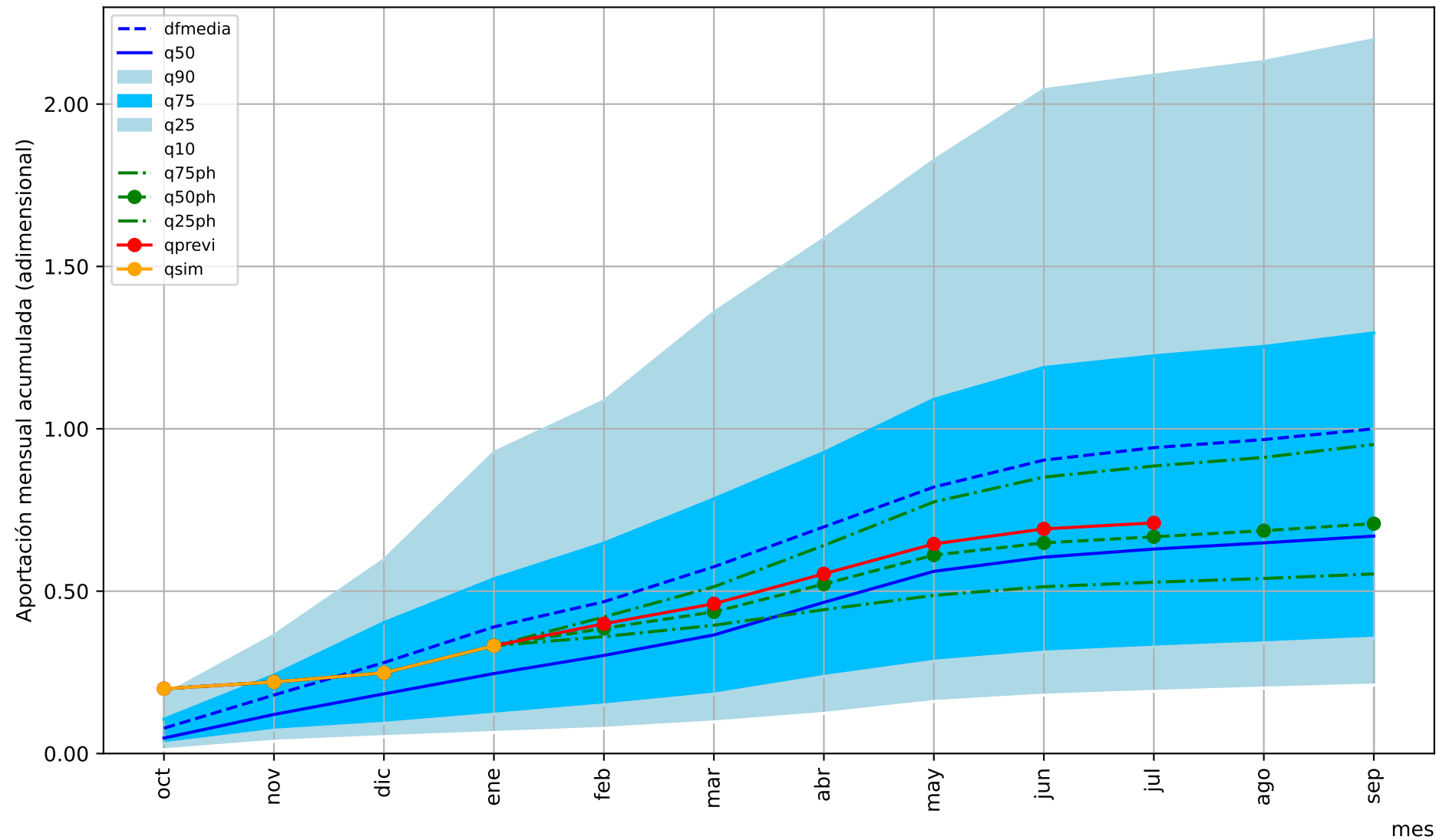
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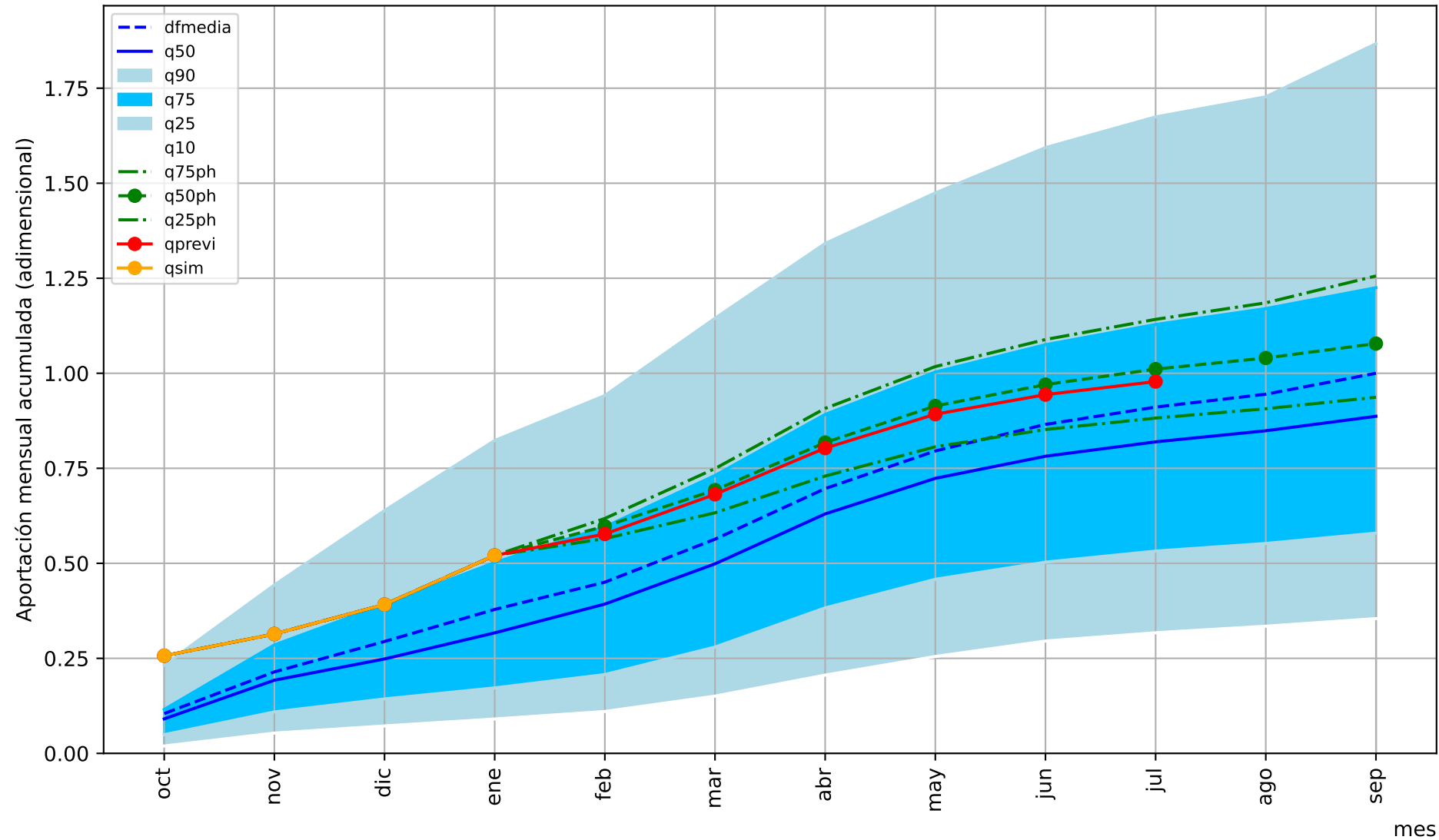


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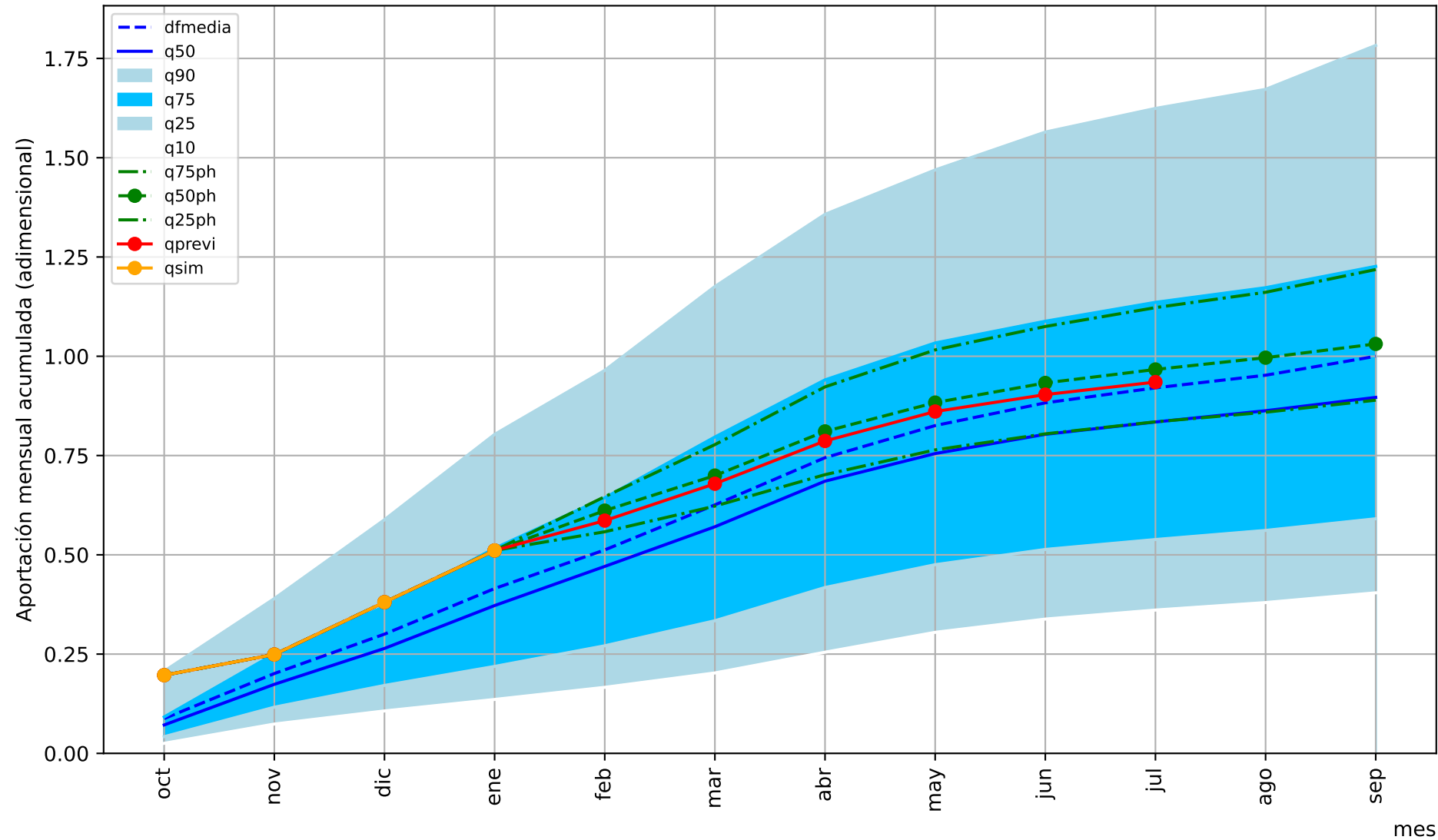
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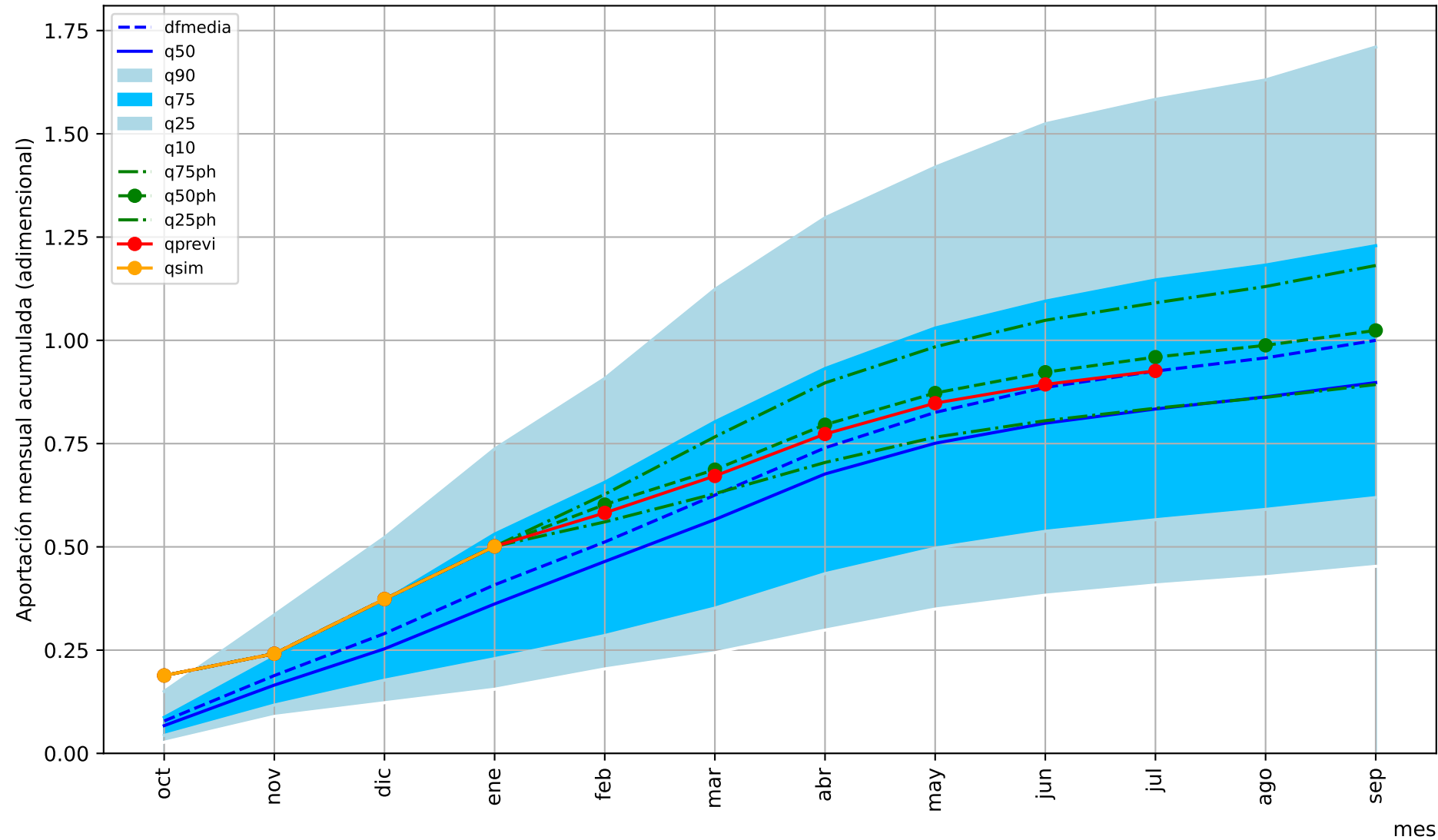


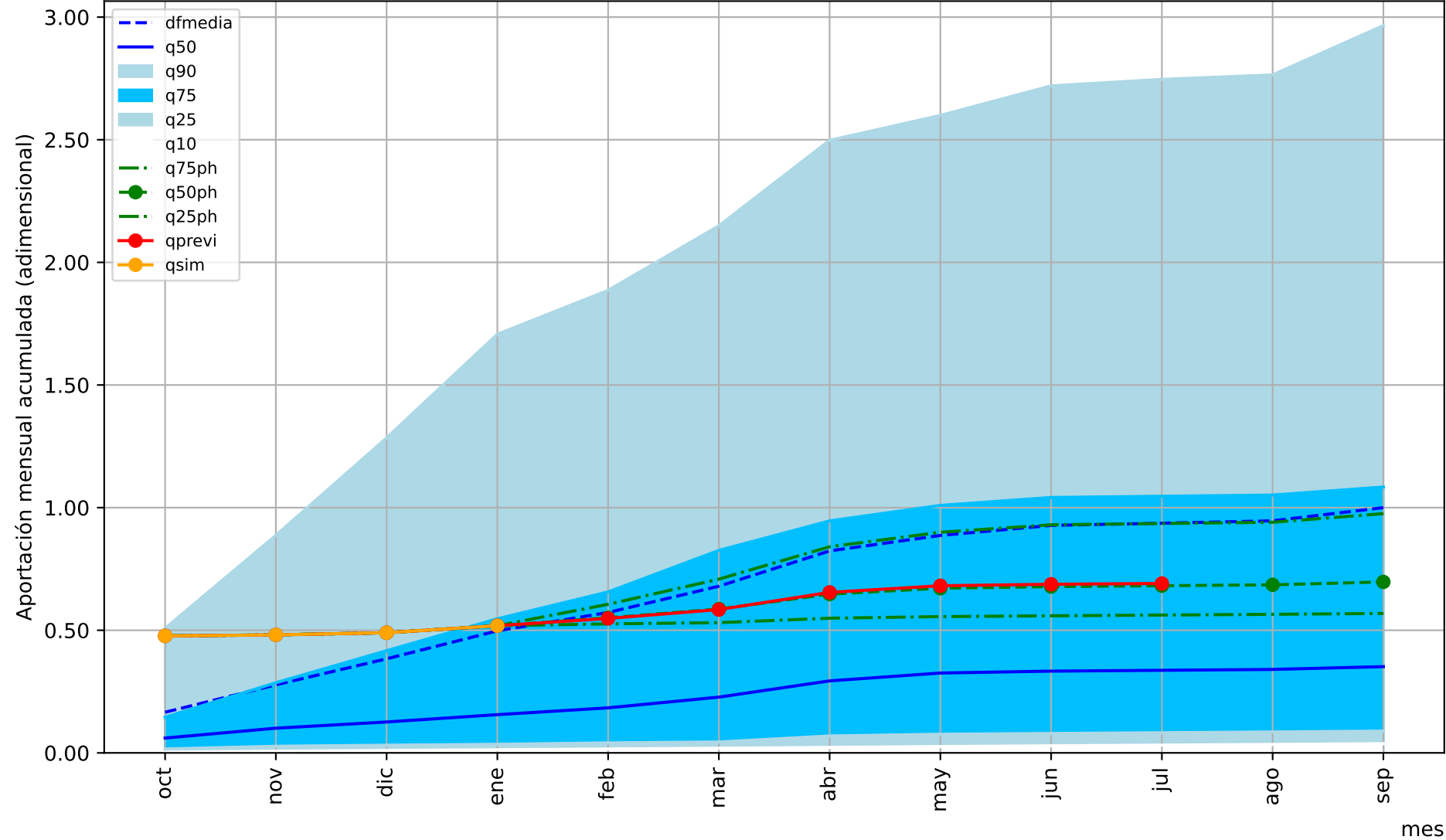
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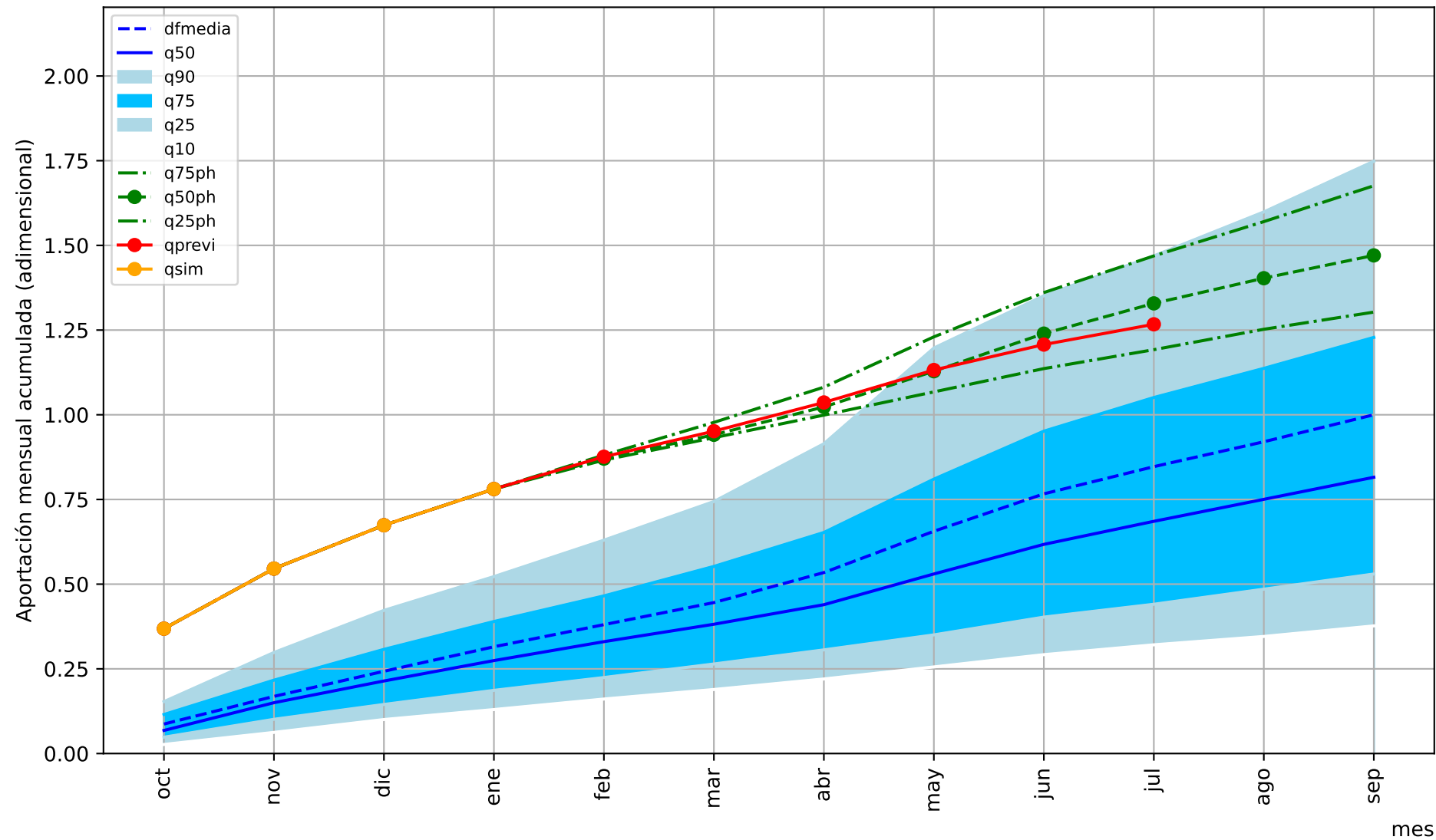
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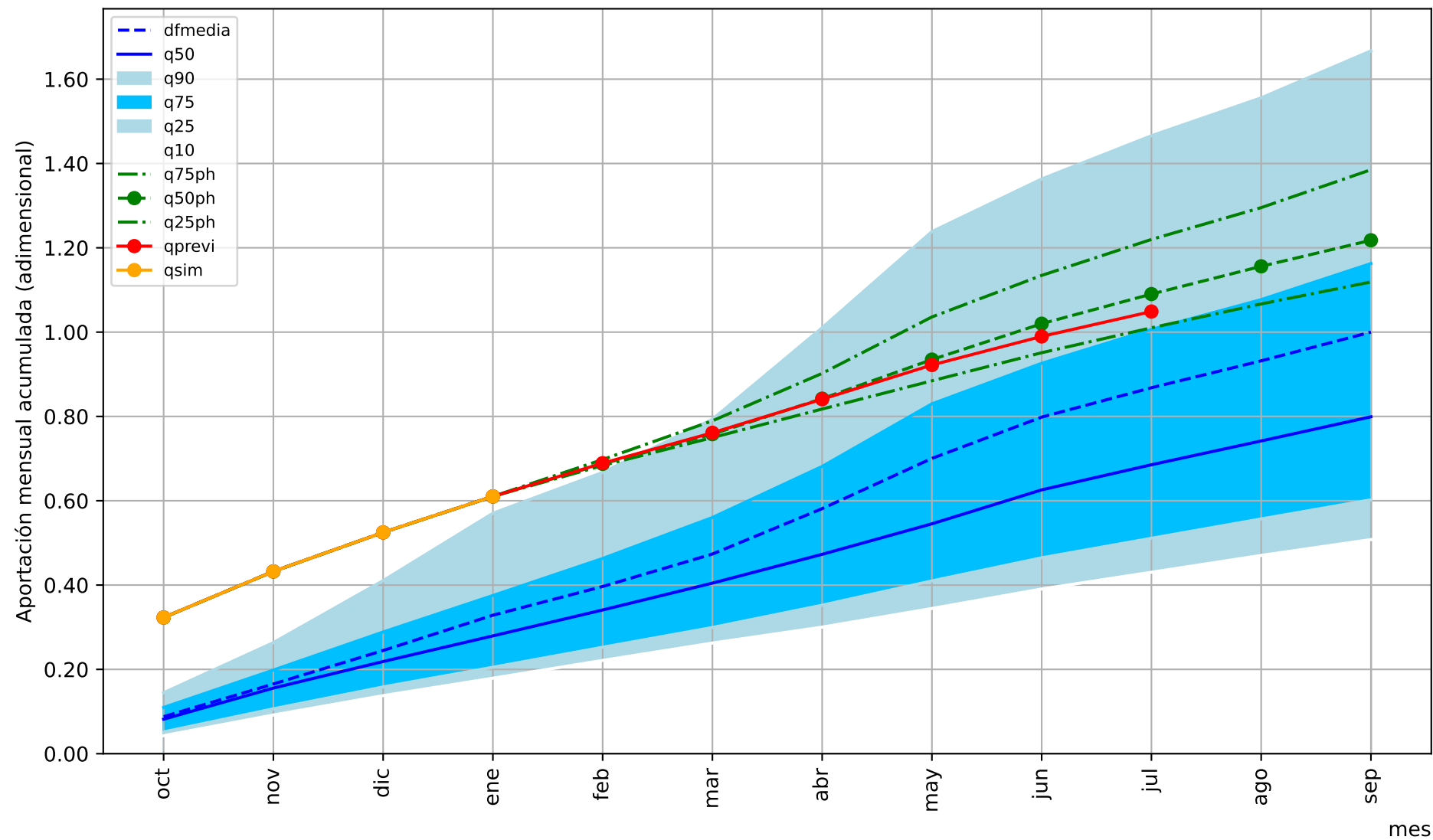




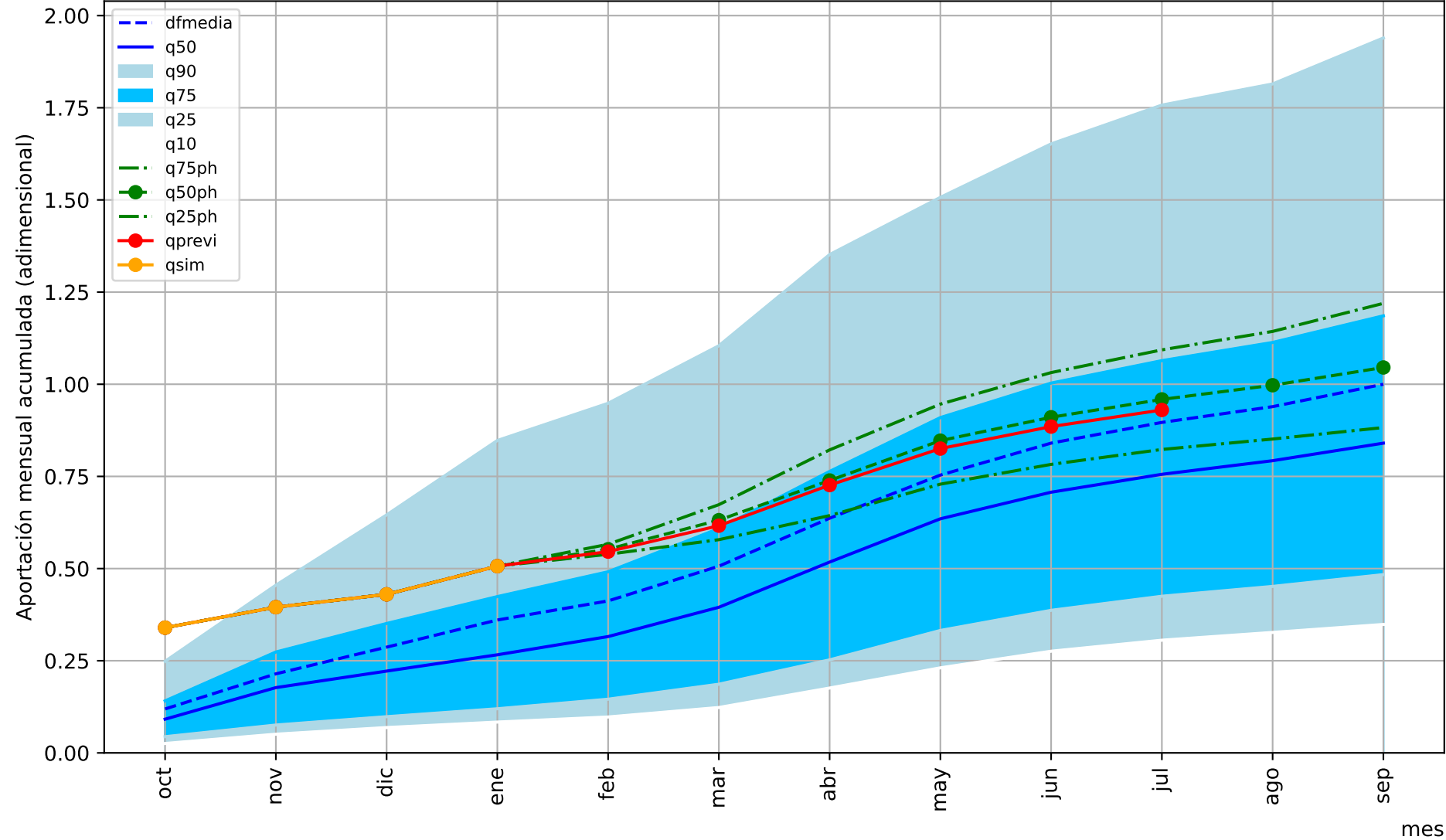


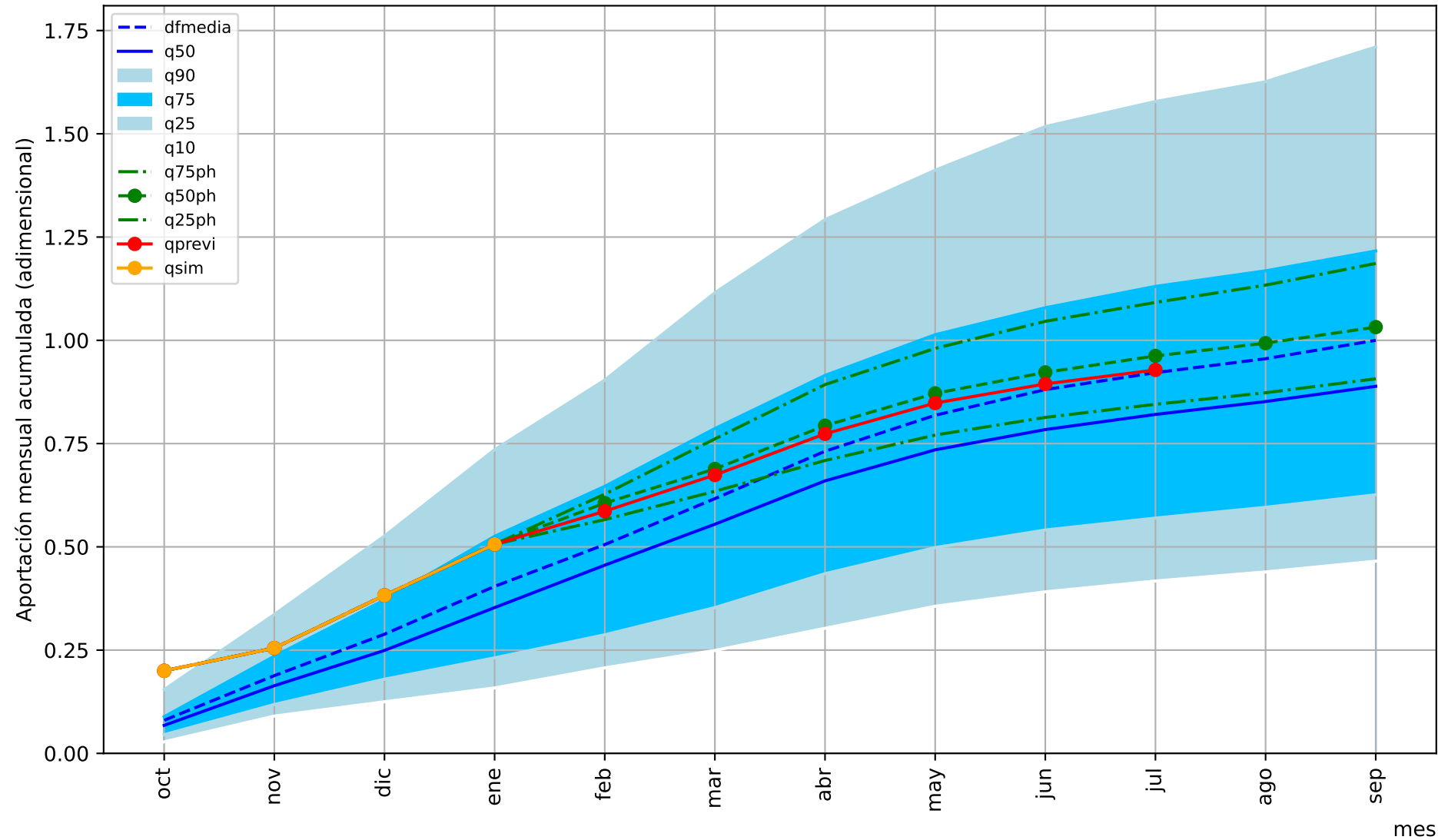
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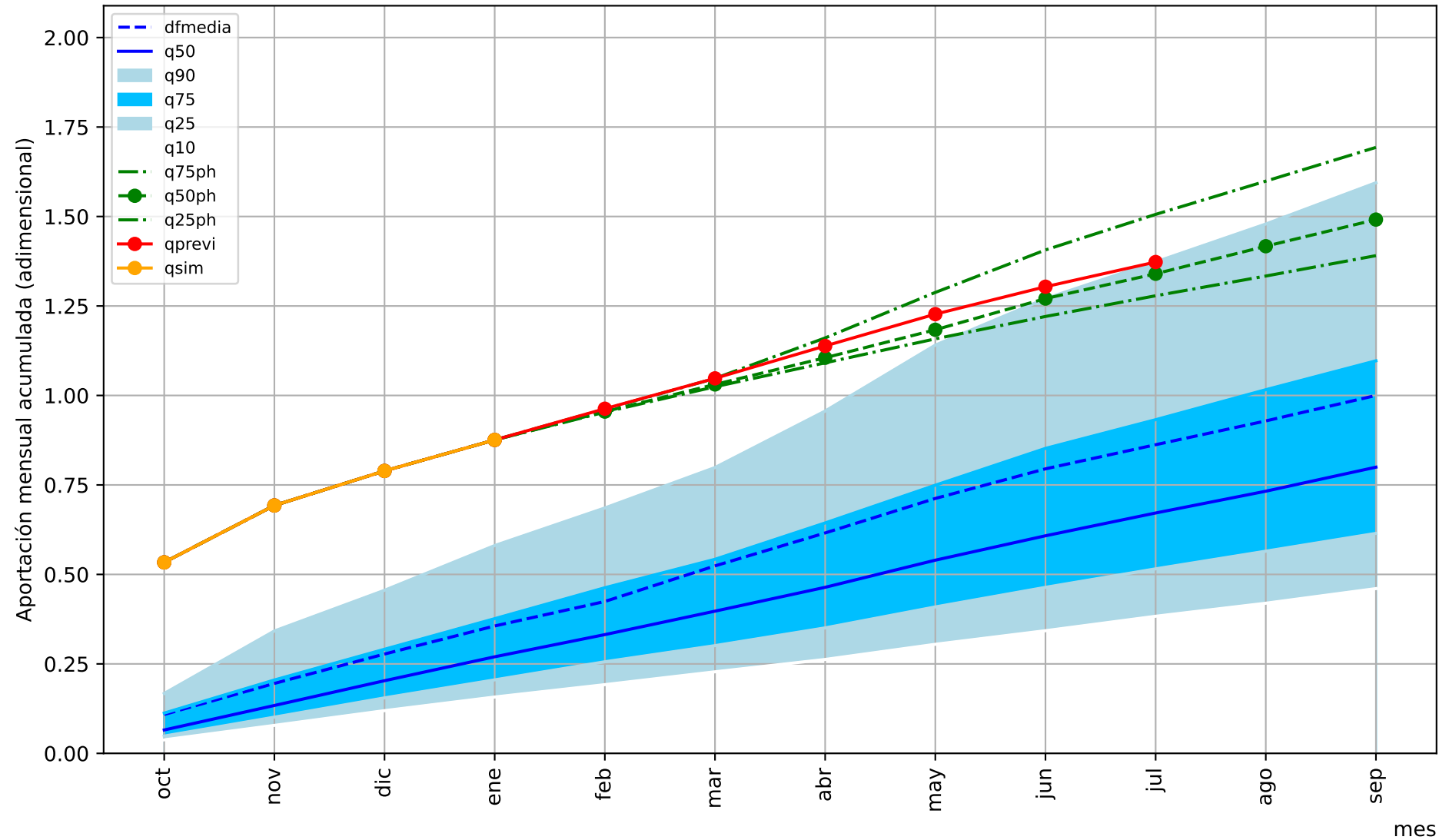




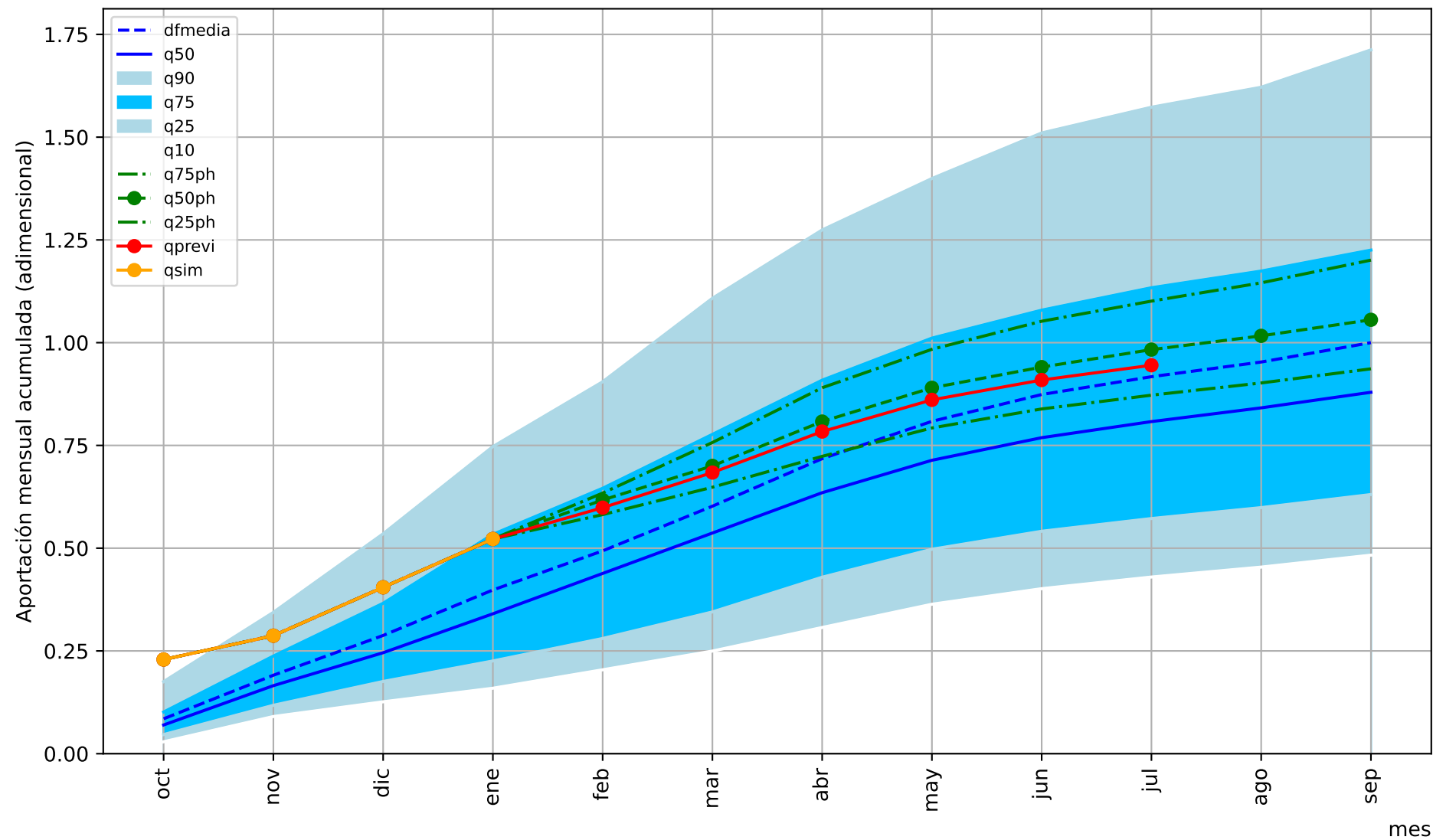
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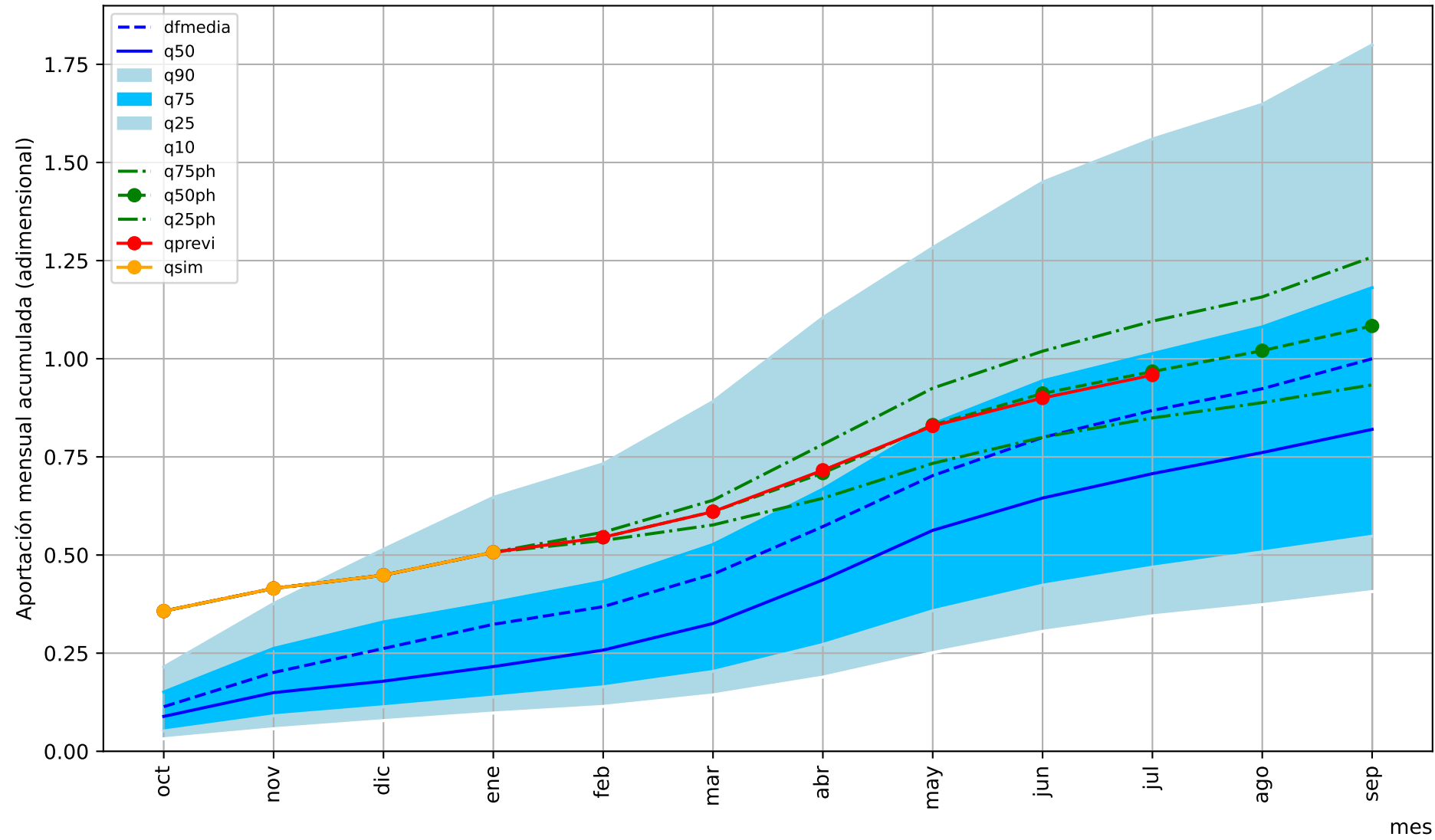




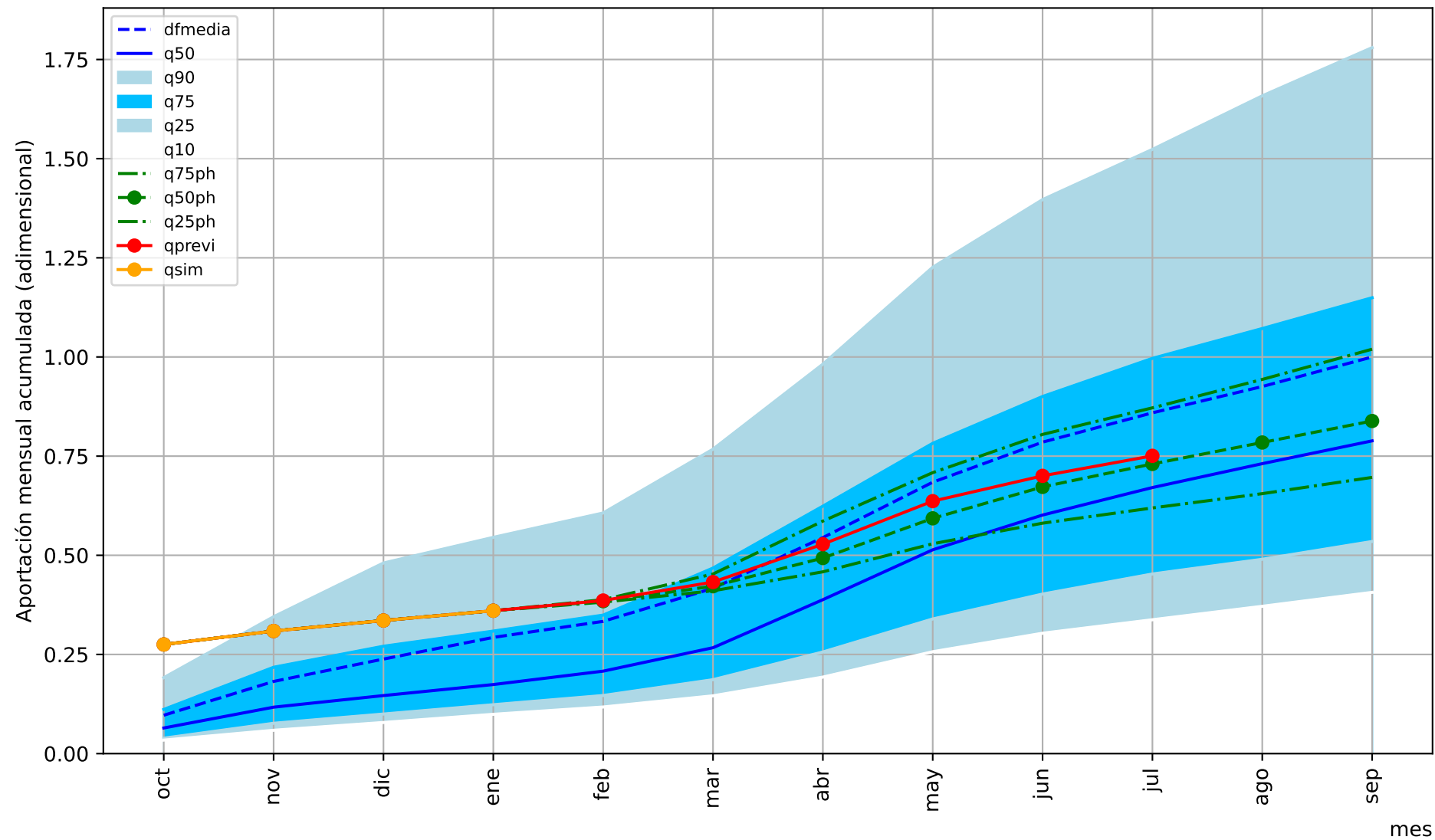
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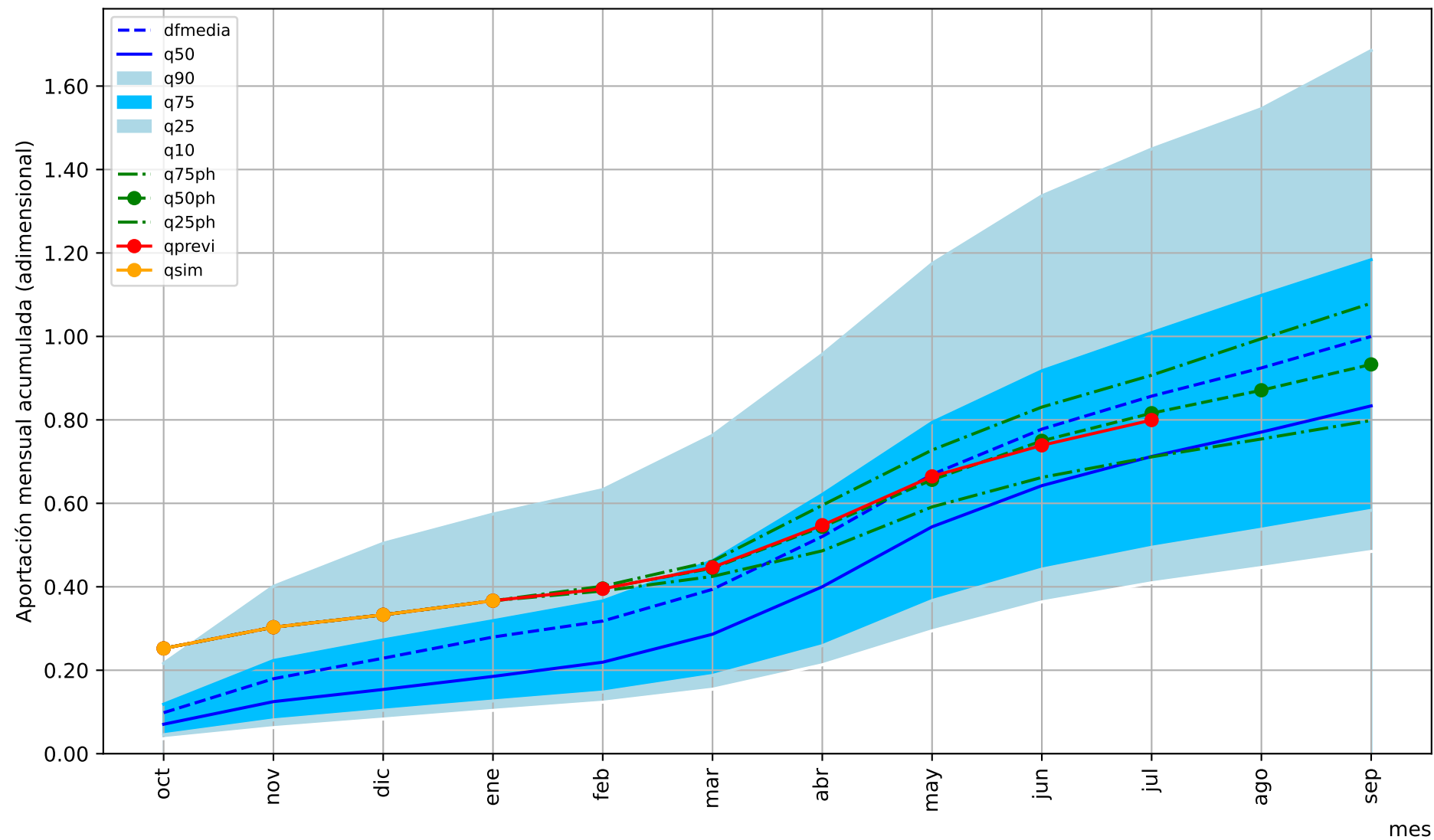
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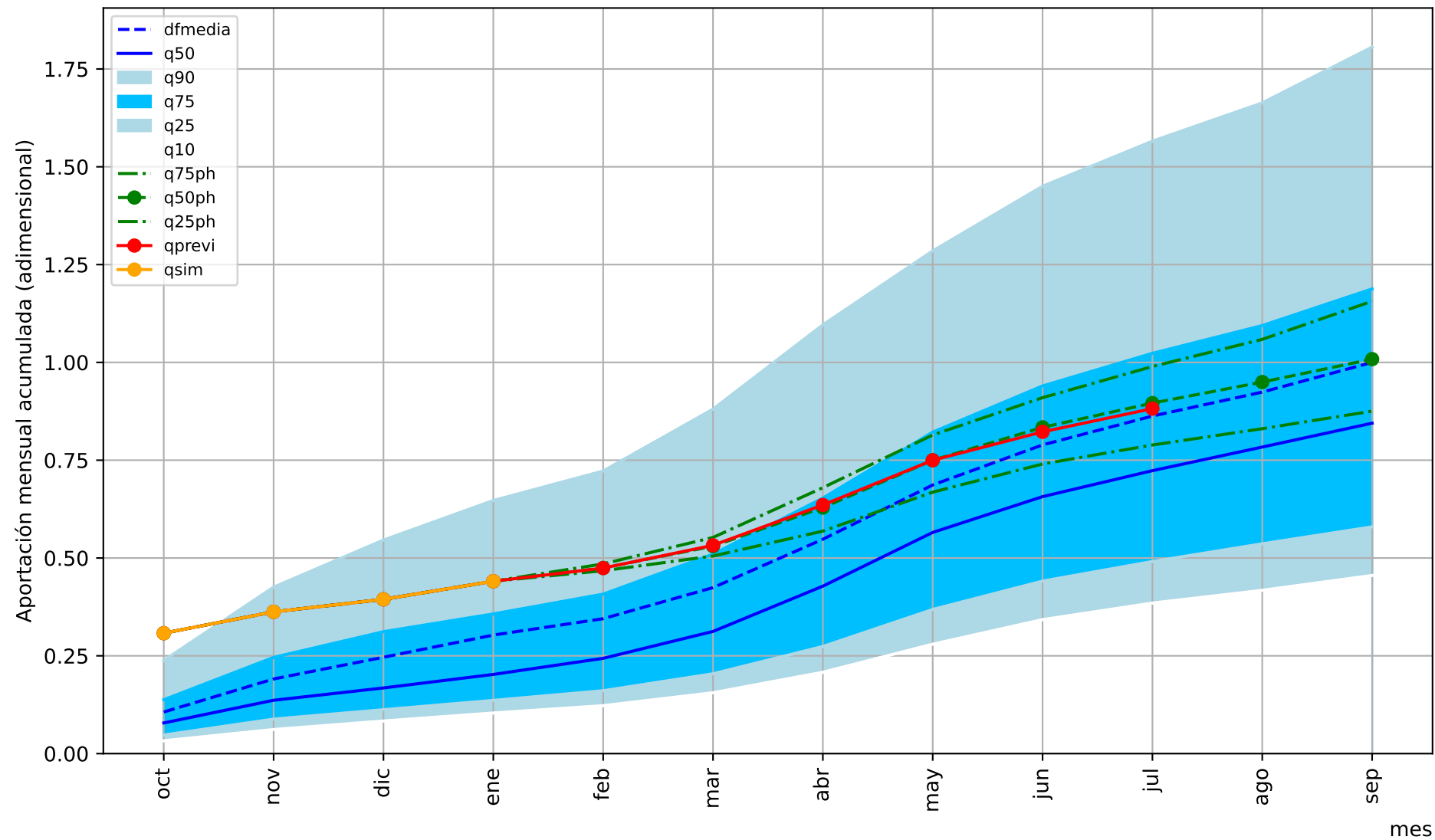


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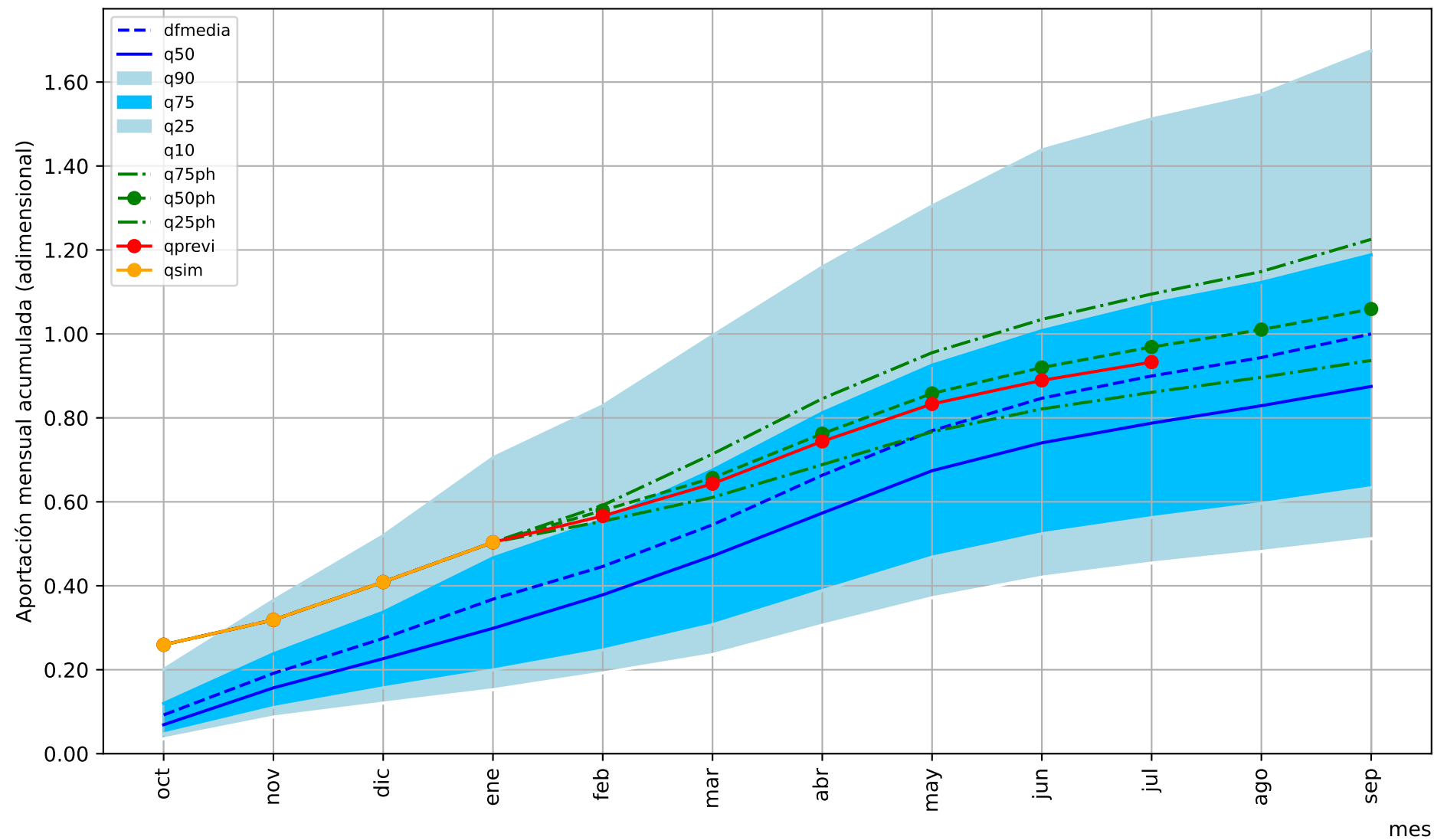
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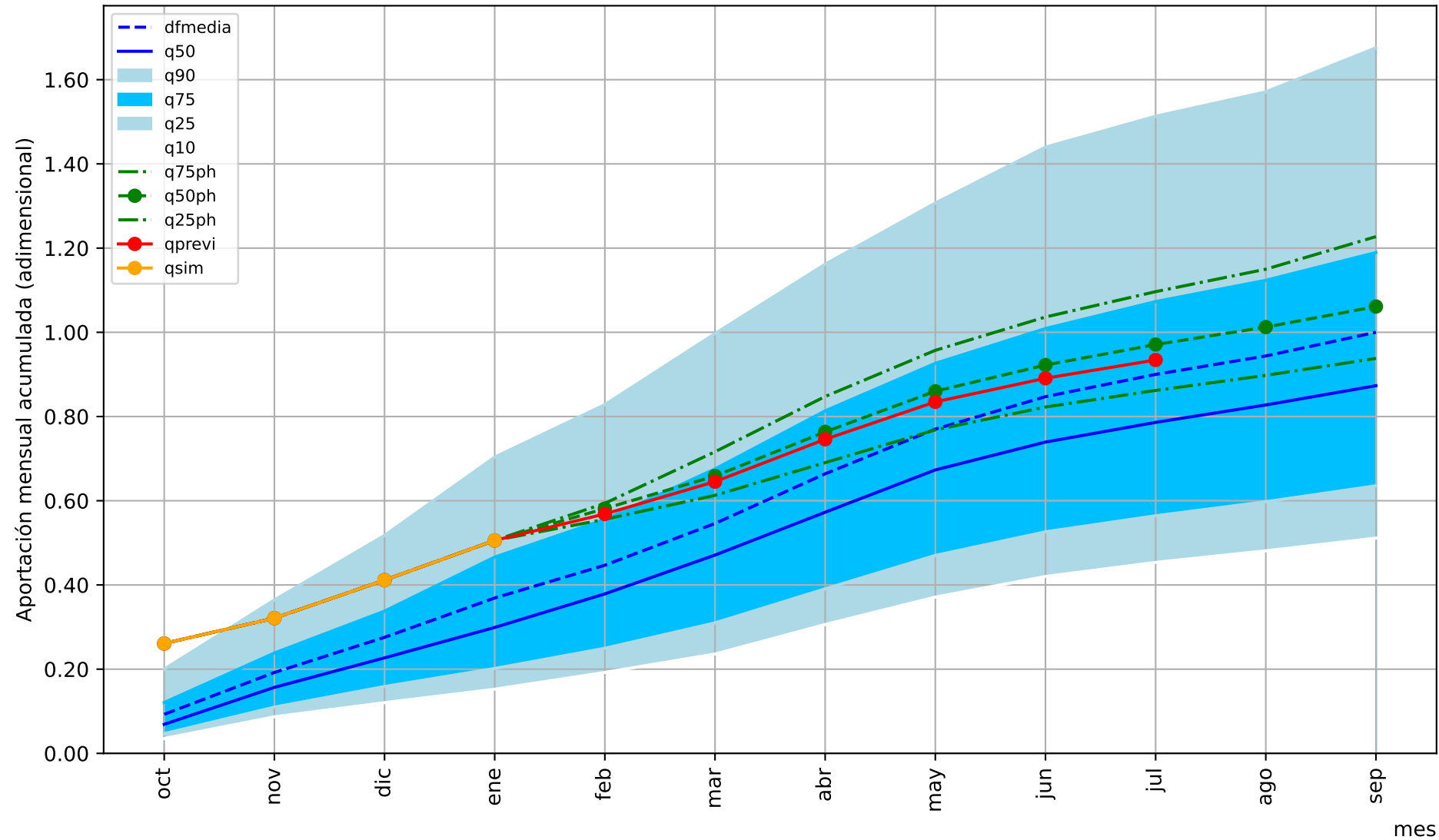
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Ministerio para la Transición Ecológica y el Reto Demográfico
Dirección General del Agua

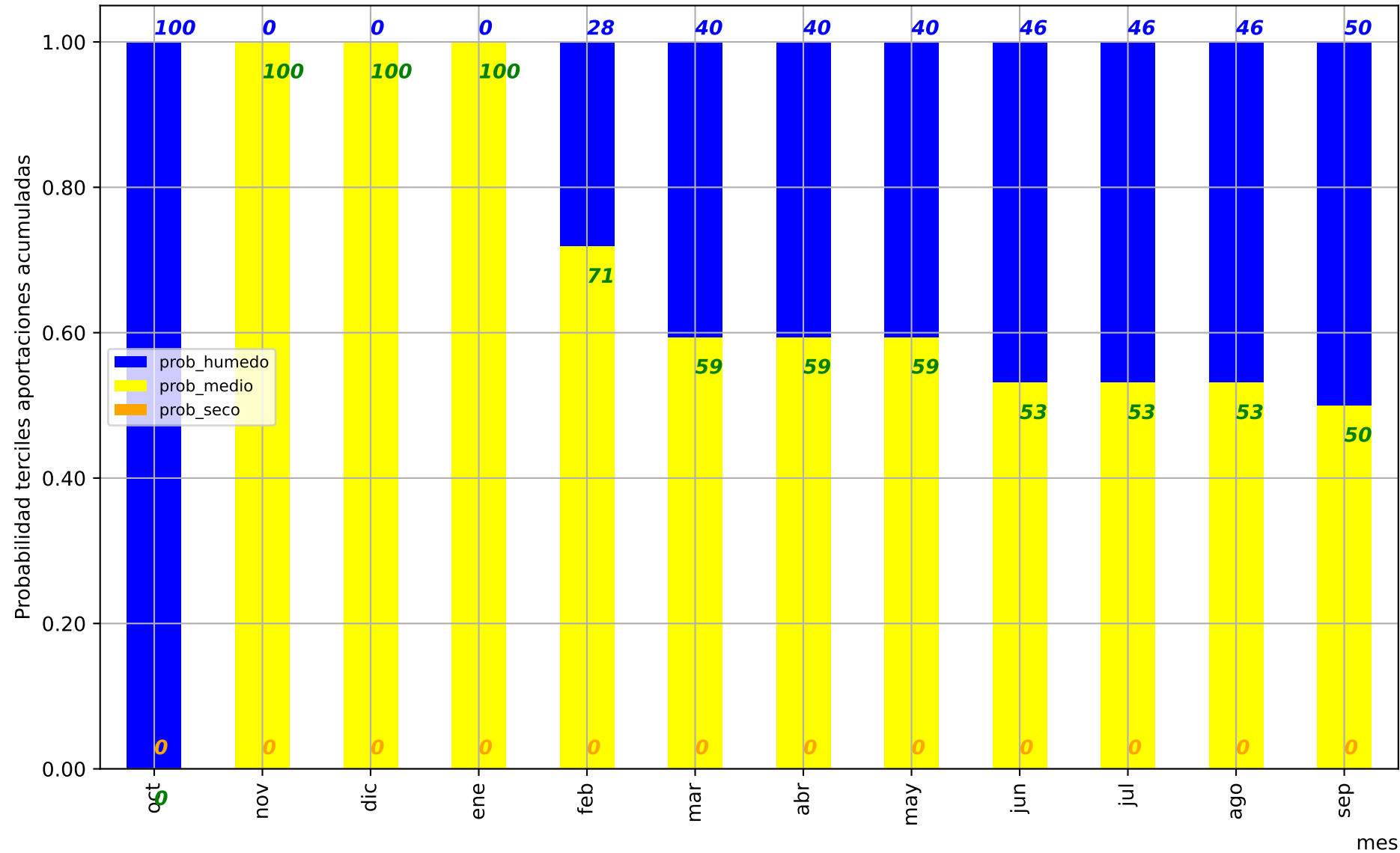
Calculo de predicciones hidrológicas estacionales

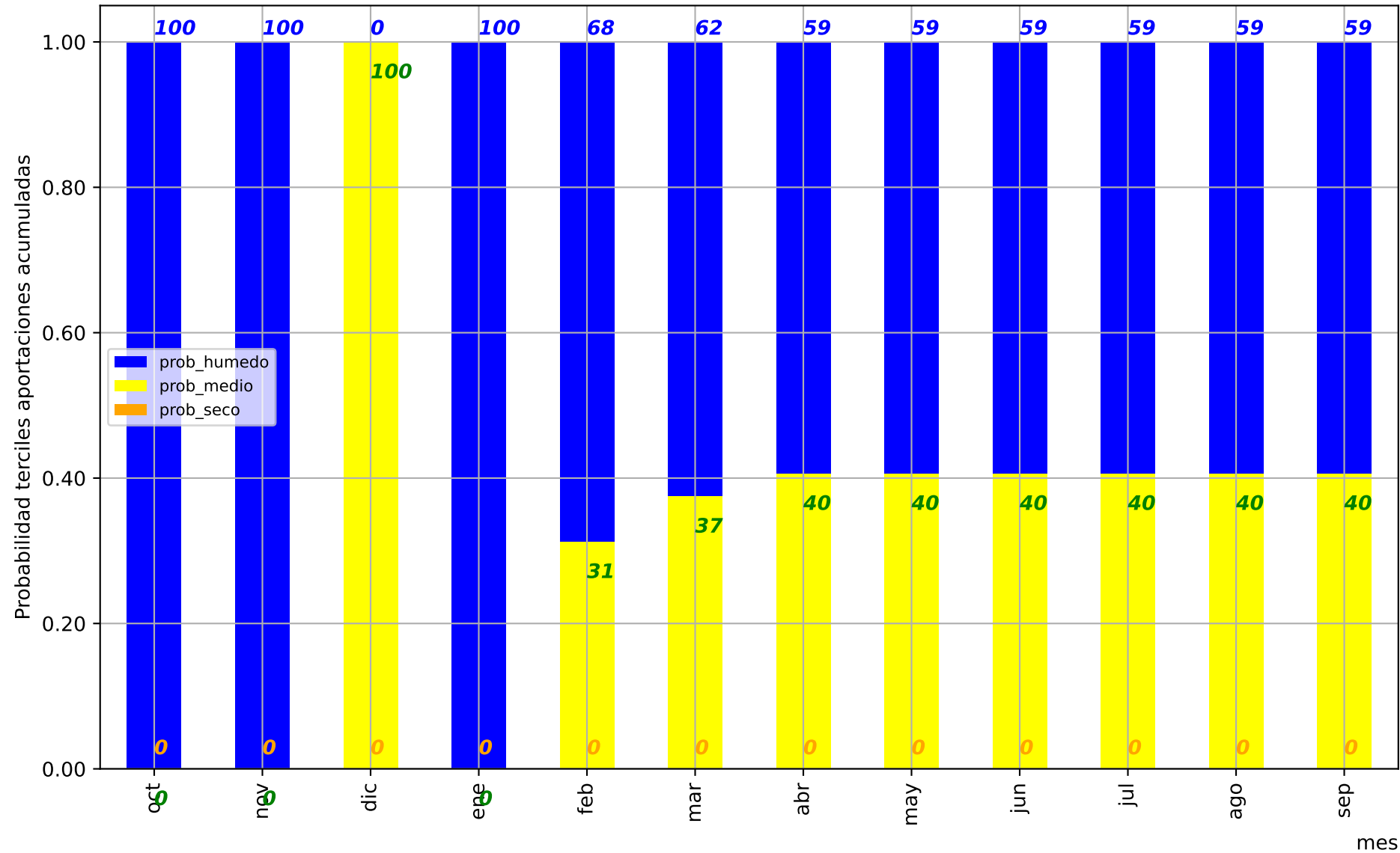
Modelo simulación hidrológica: PATRICAL

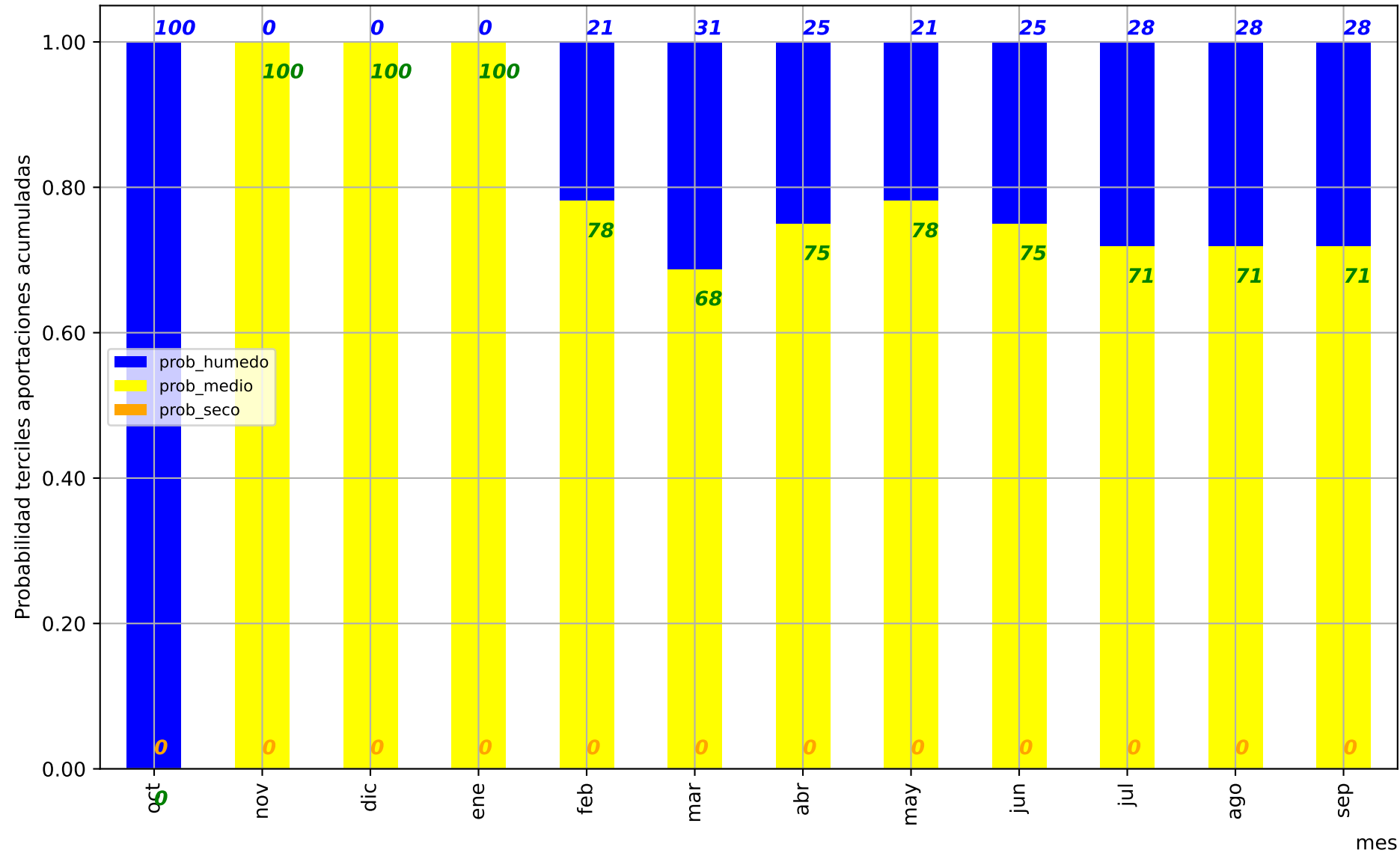
Aportaciones hidrológicas en régimen natural

Predicción realizada en febrero de 2025

Universitat Politècnica de València
IIAMA - Instituto de Ingeniería del Agua y Medio Ambiente

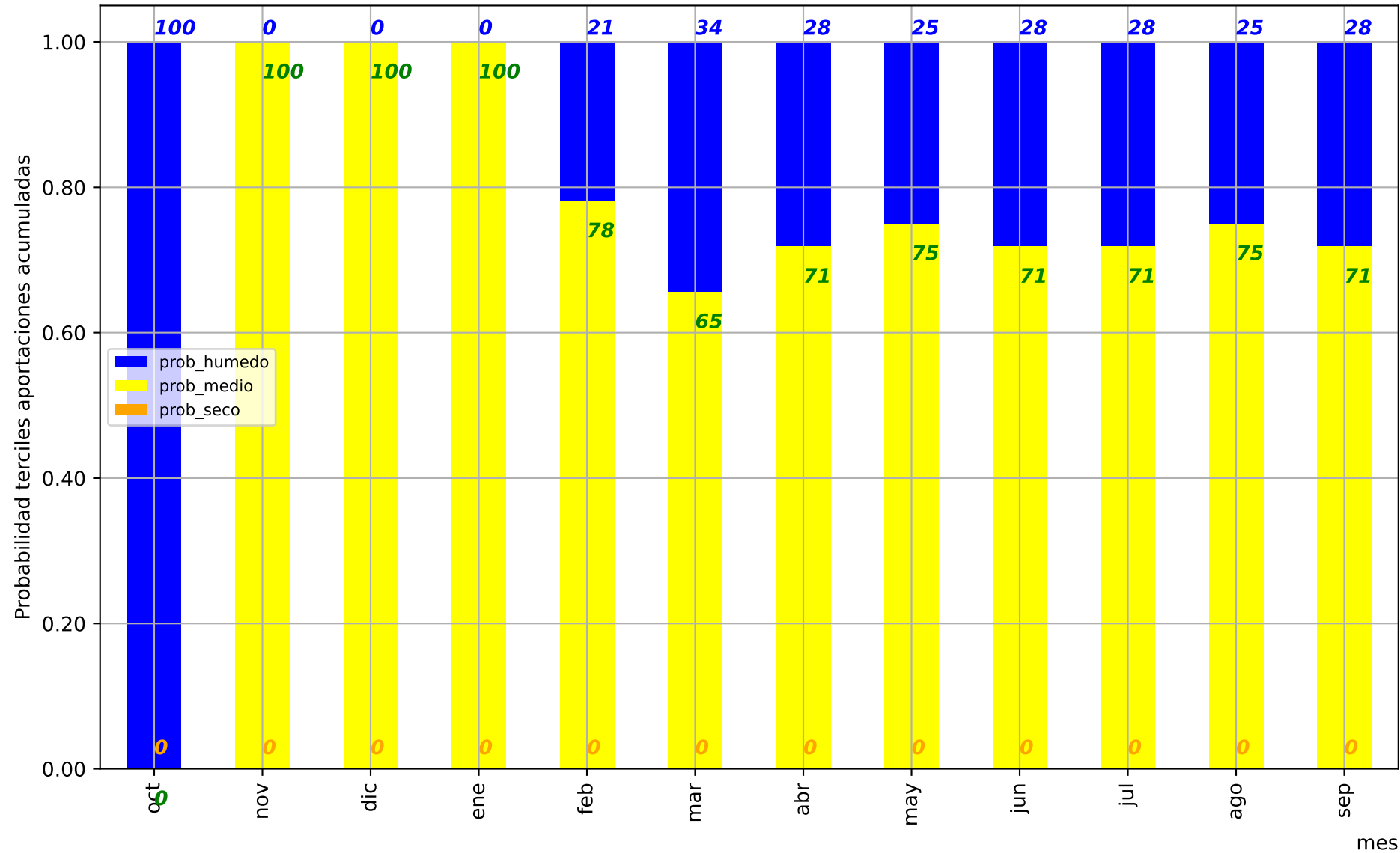


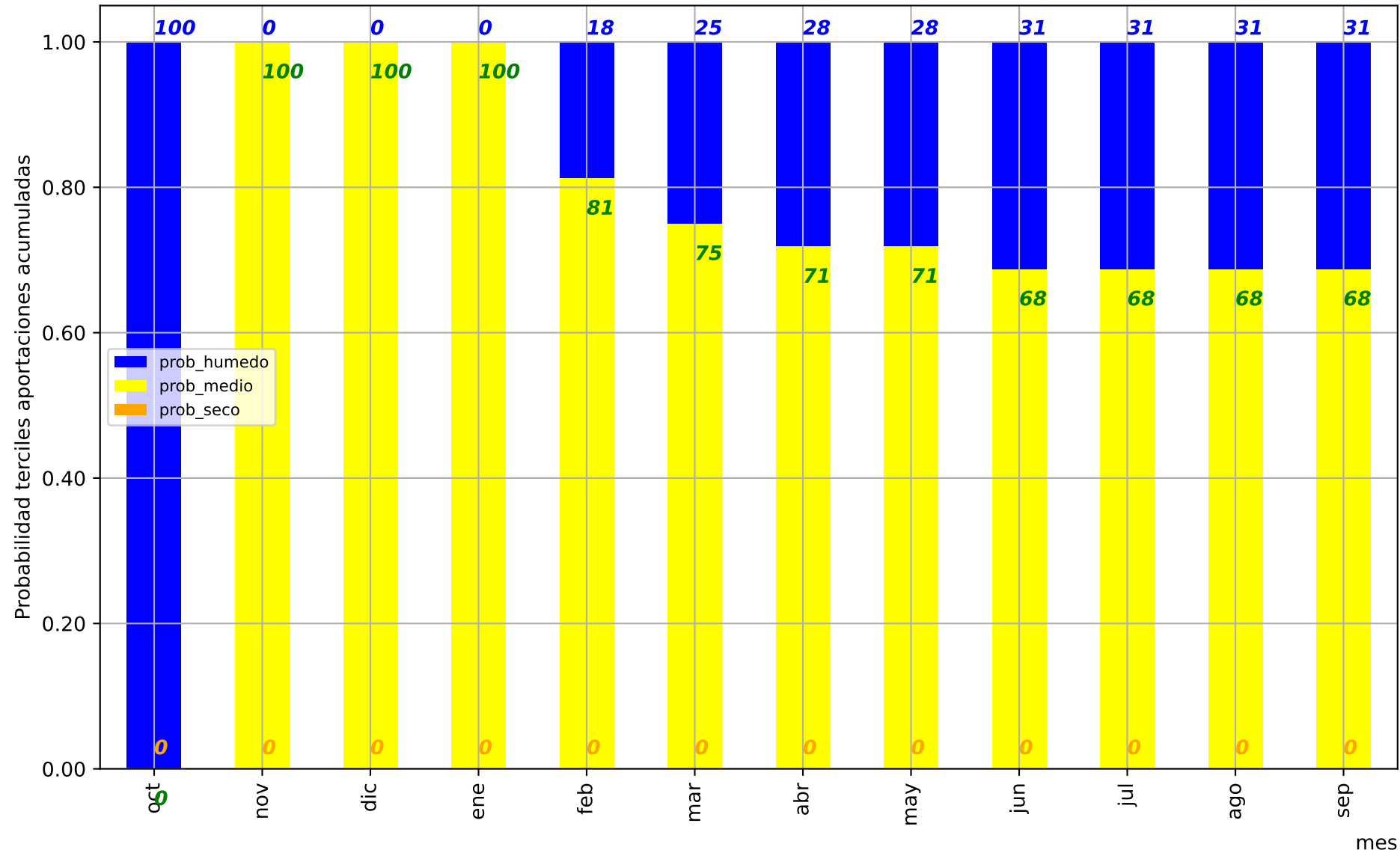


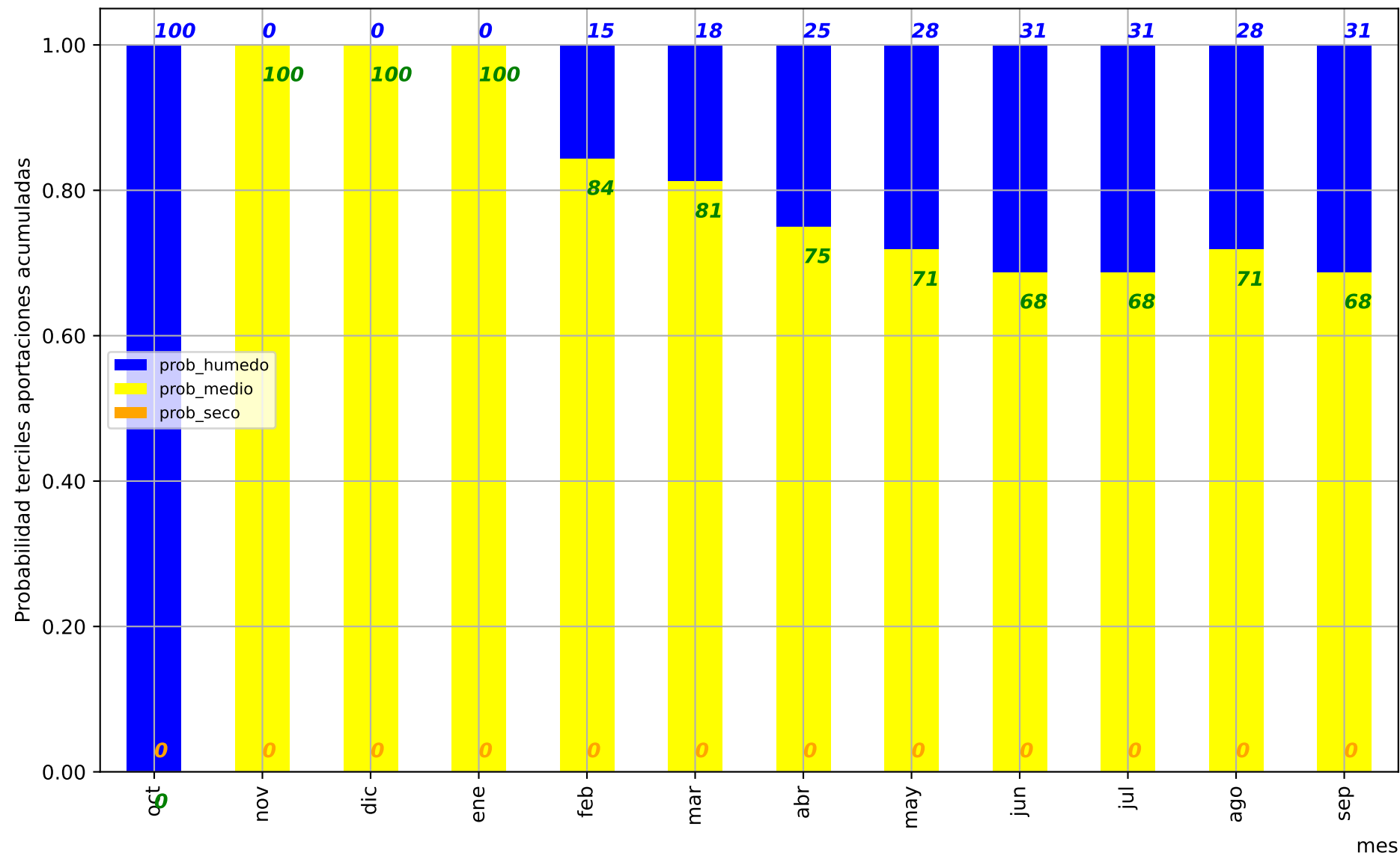


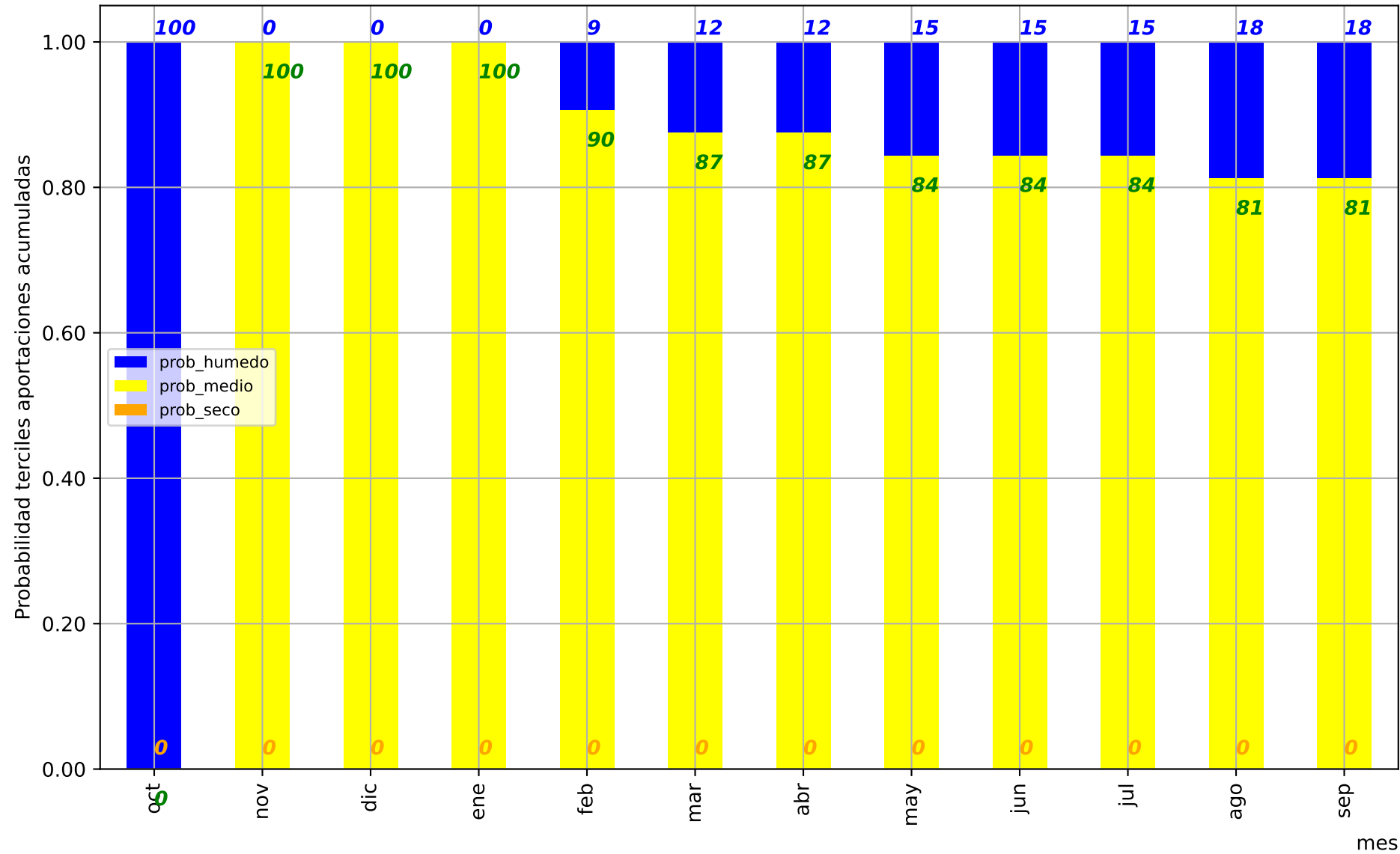
Predicción cuenca del:

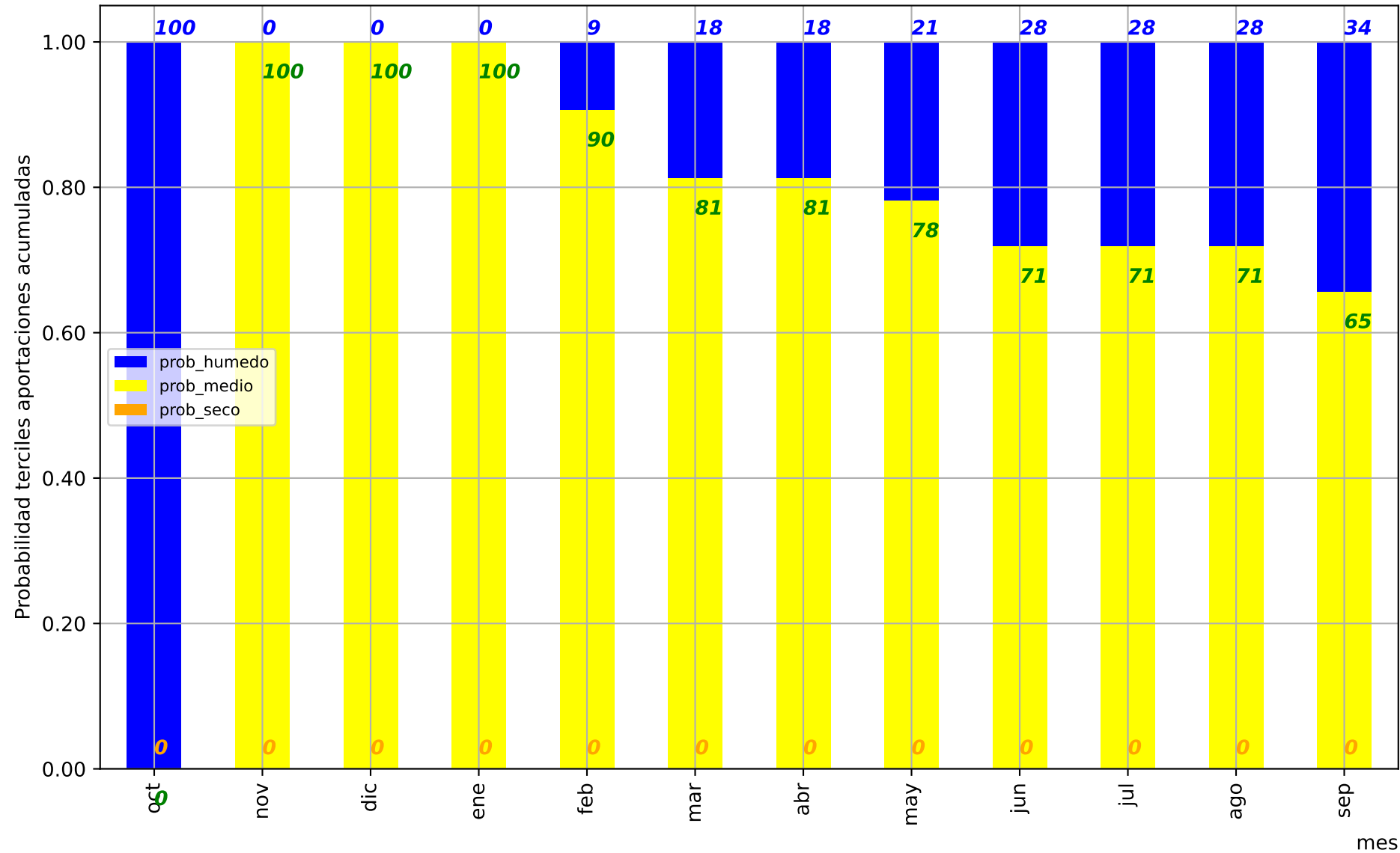
Río Miño (embalse de Frieria)

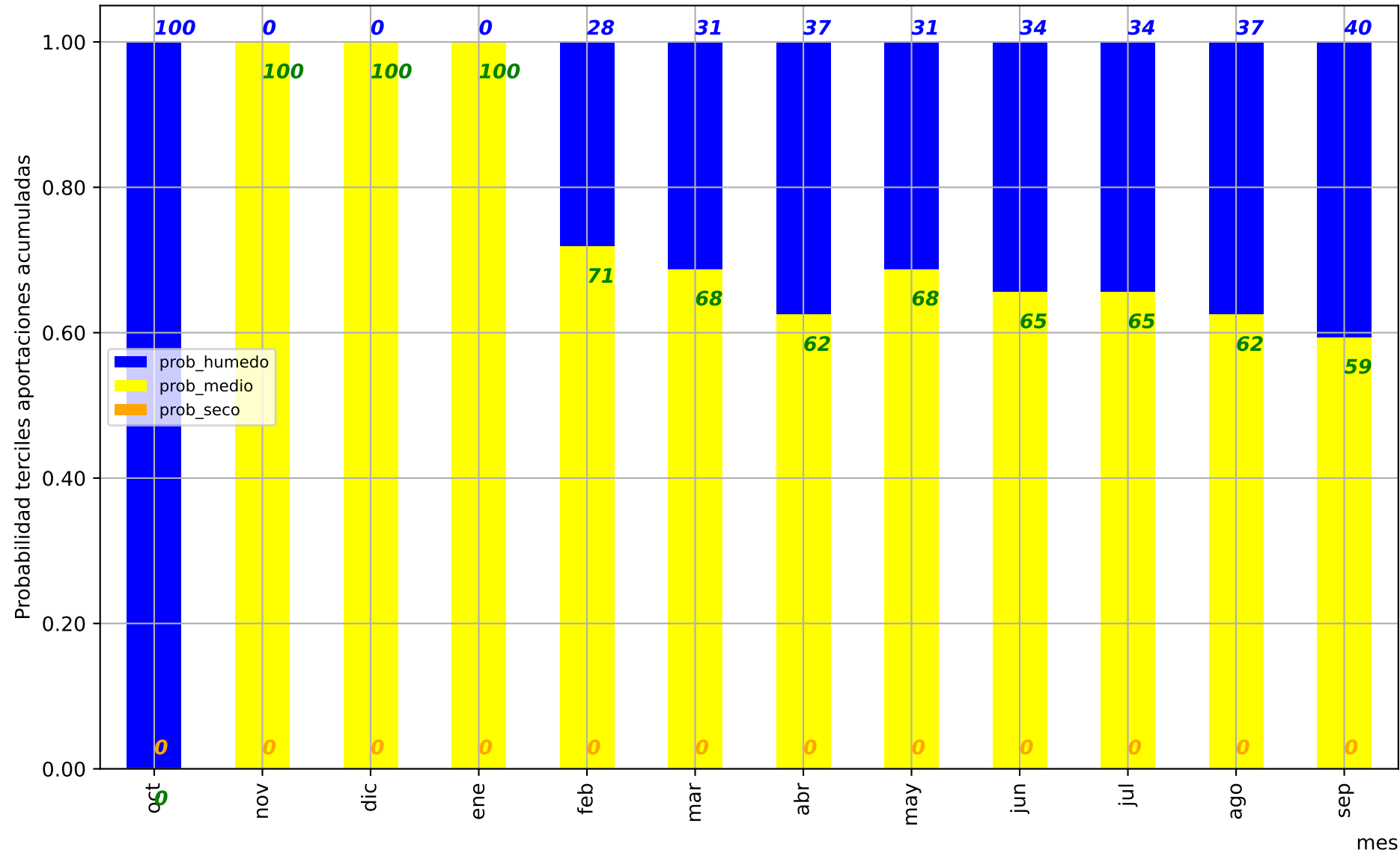


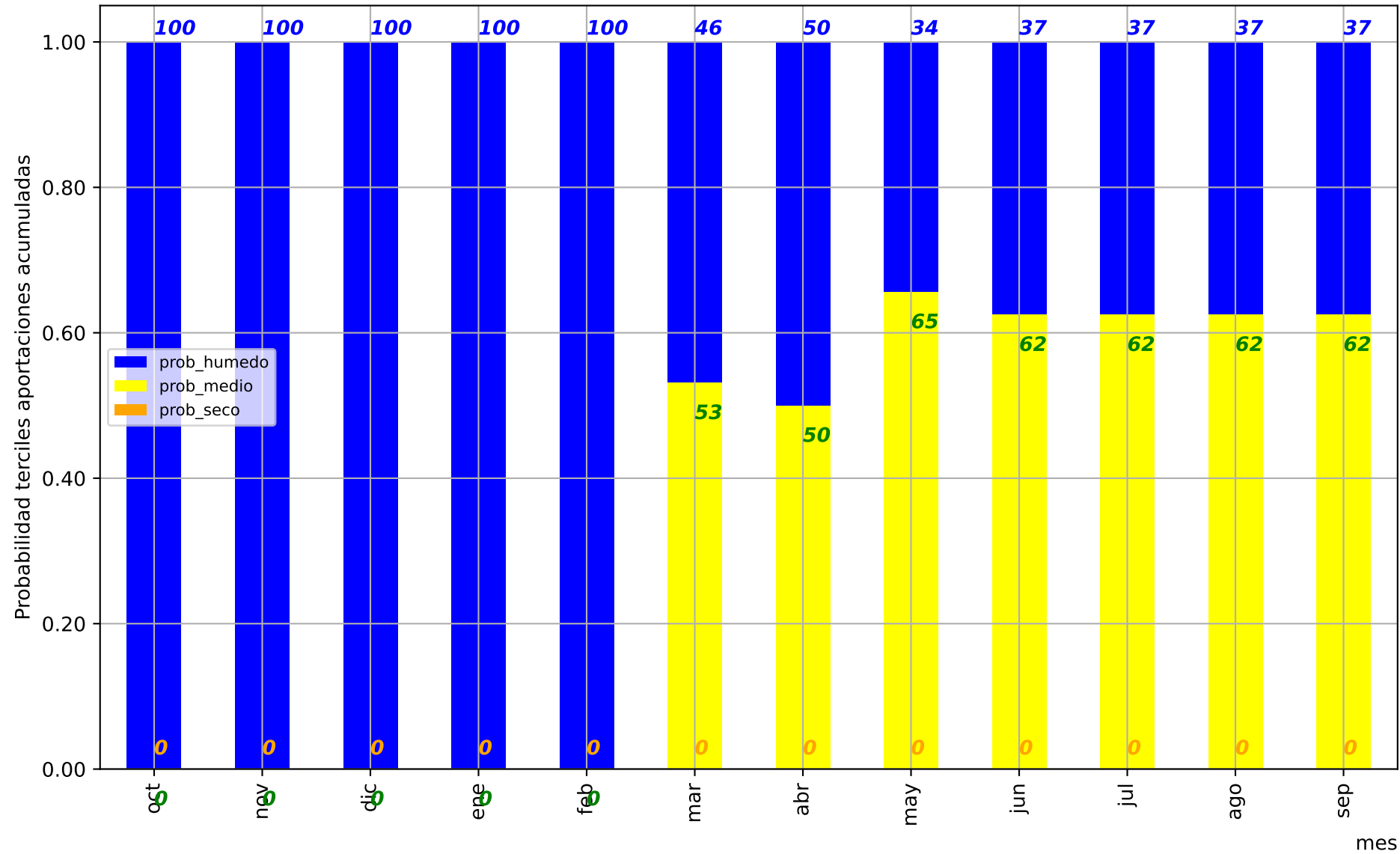


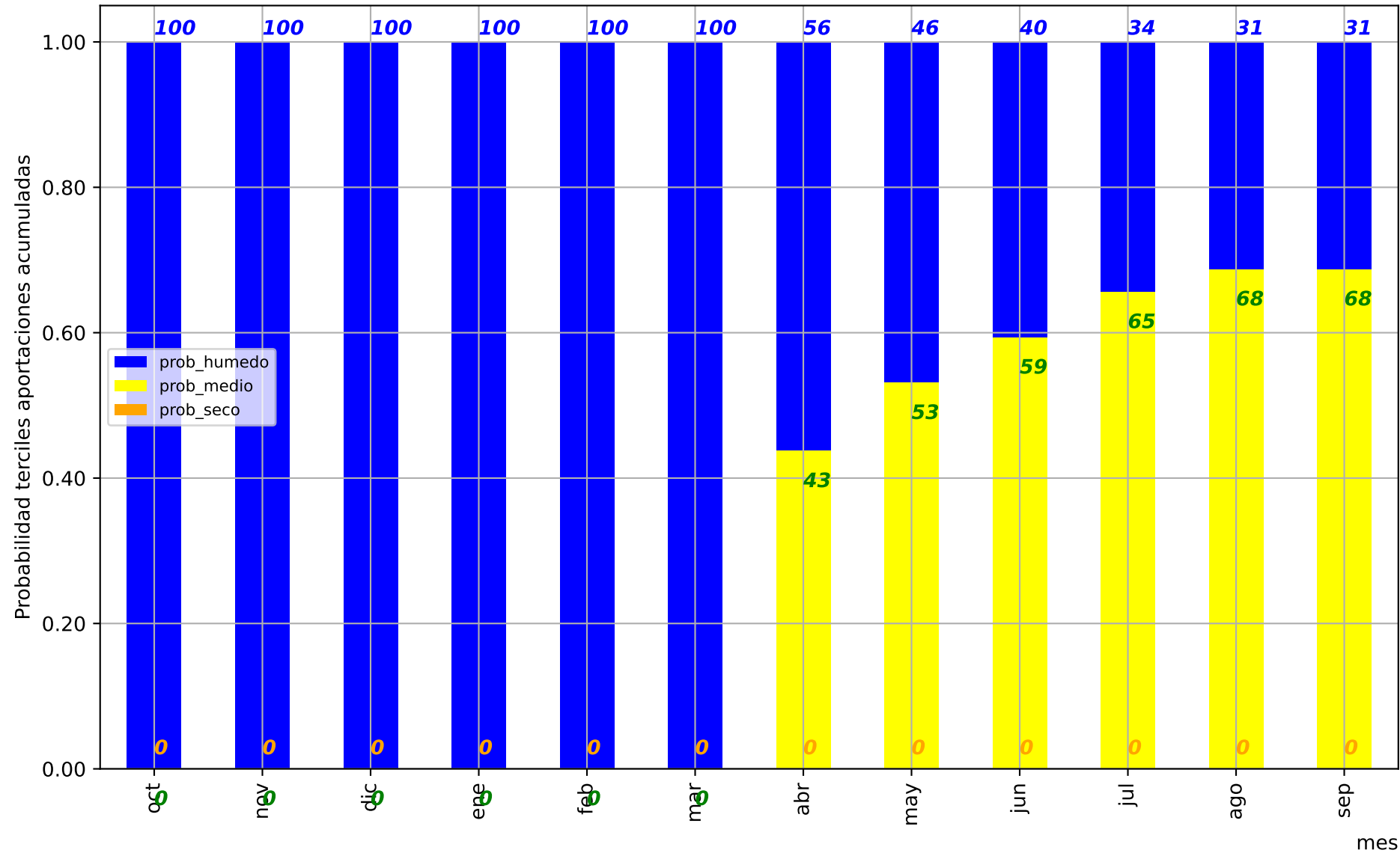


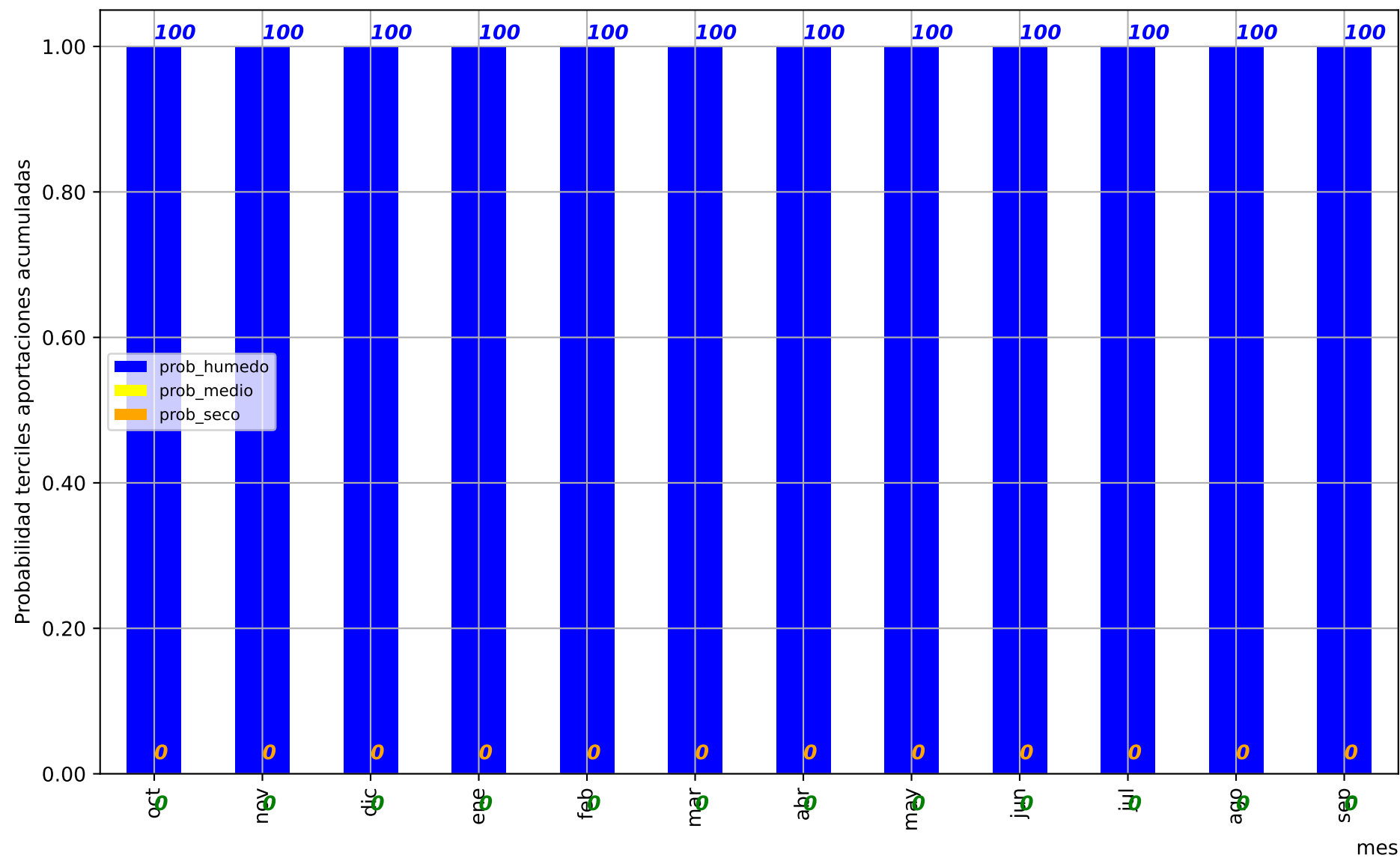


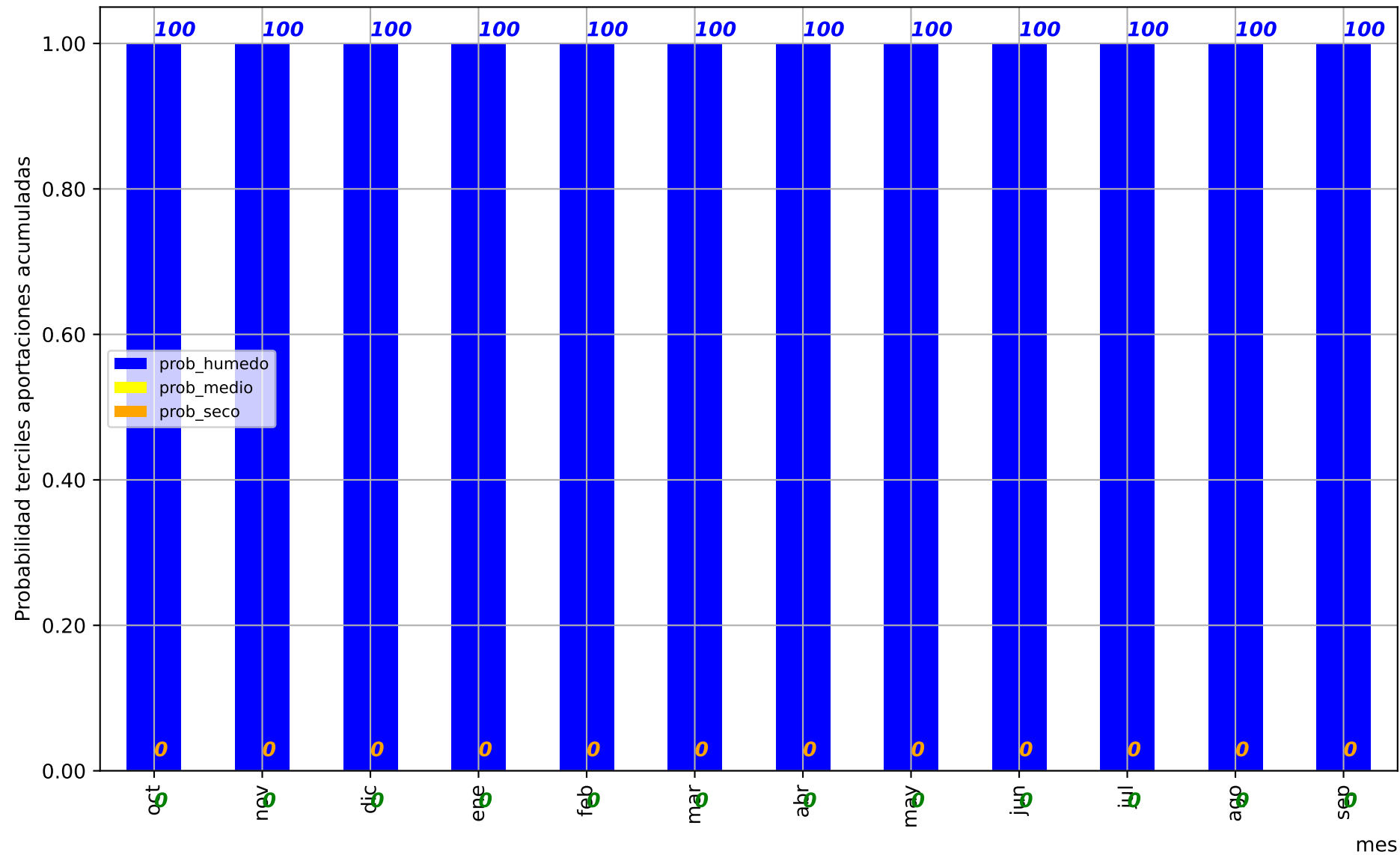


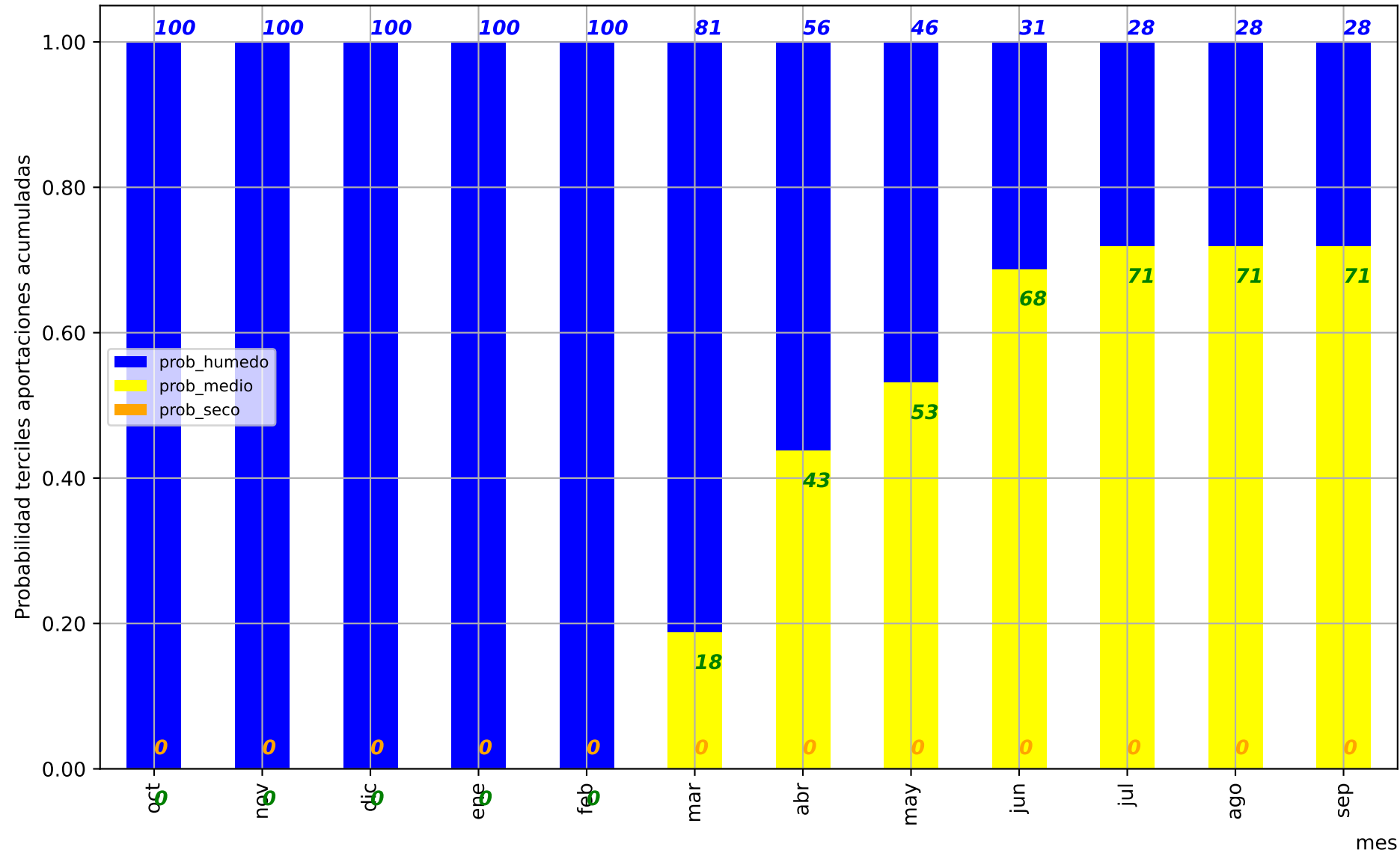


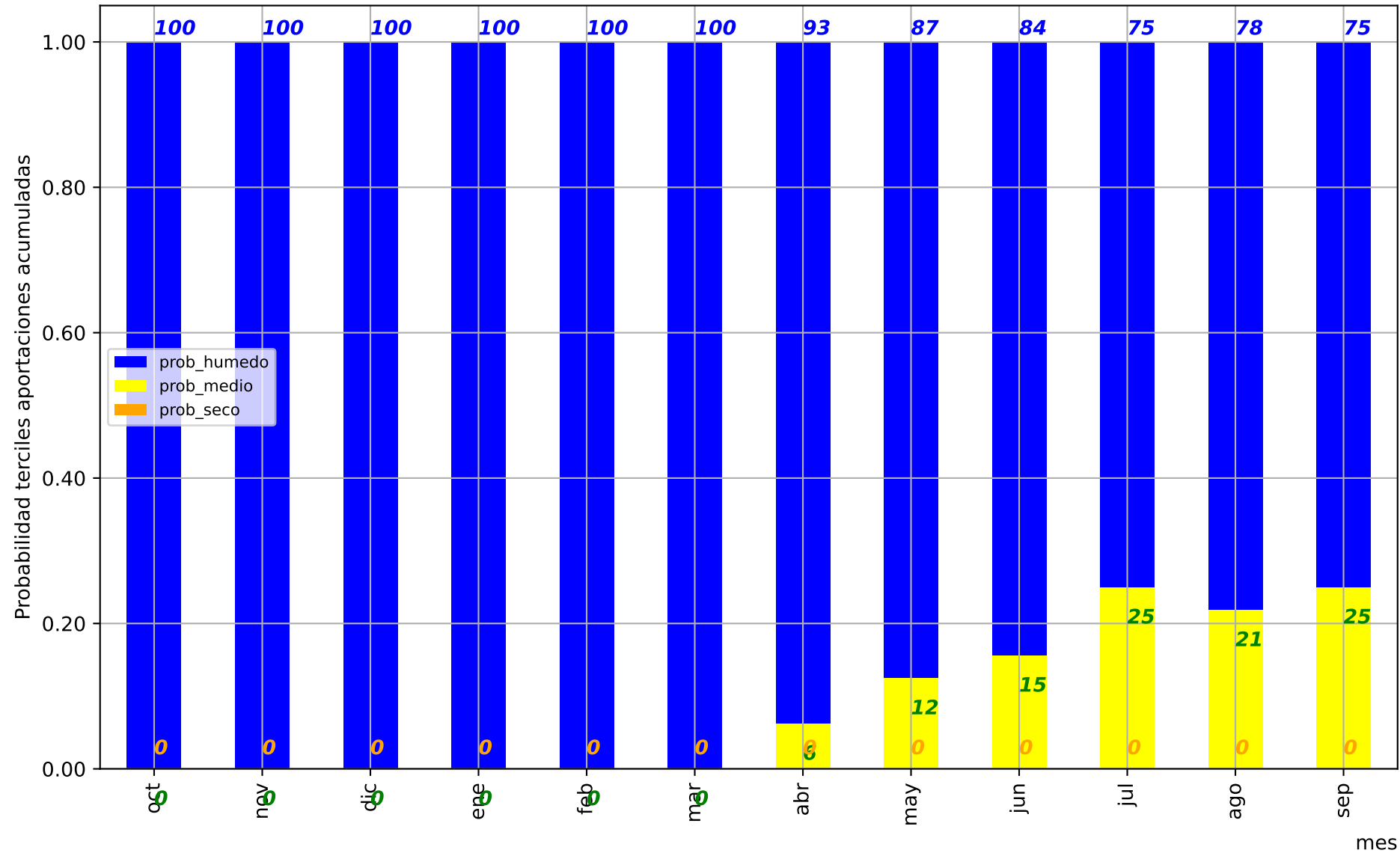


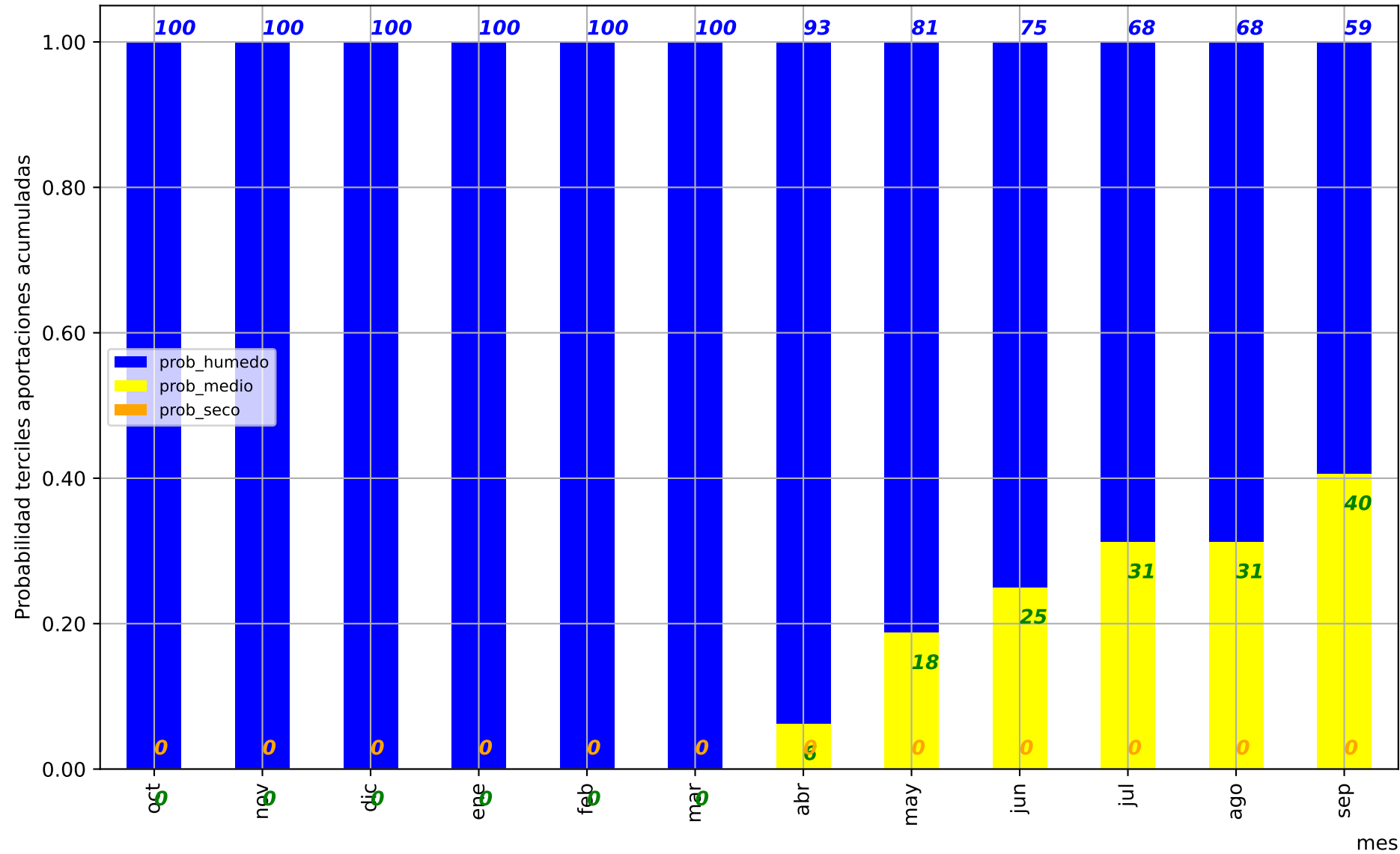


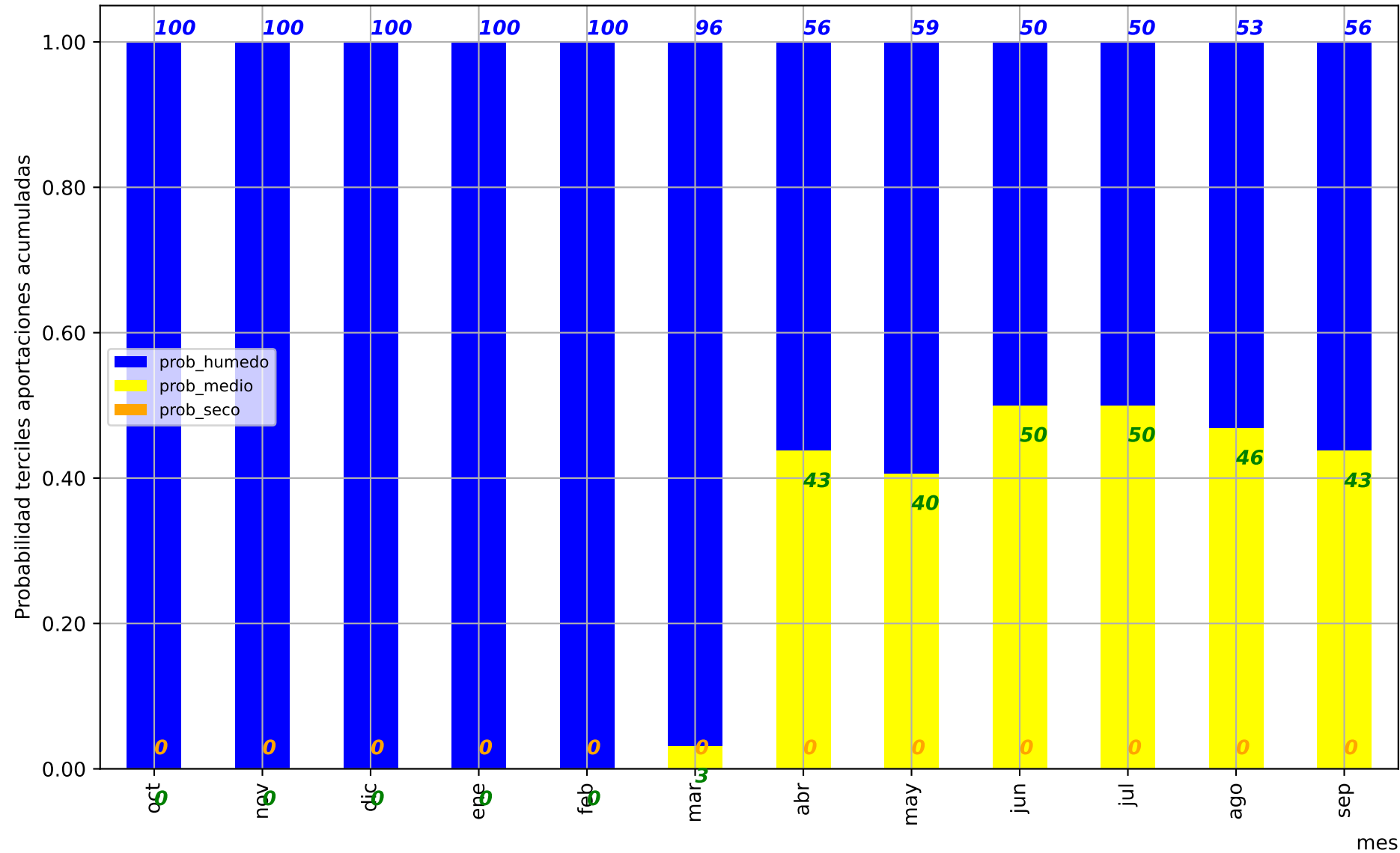


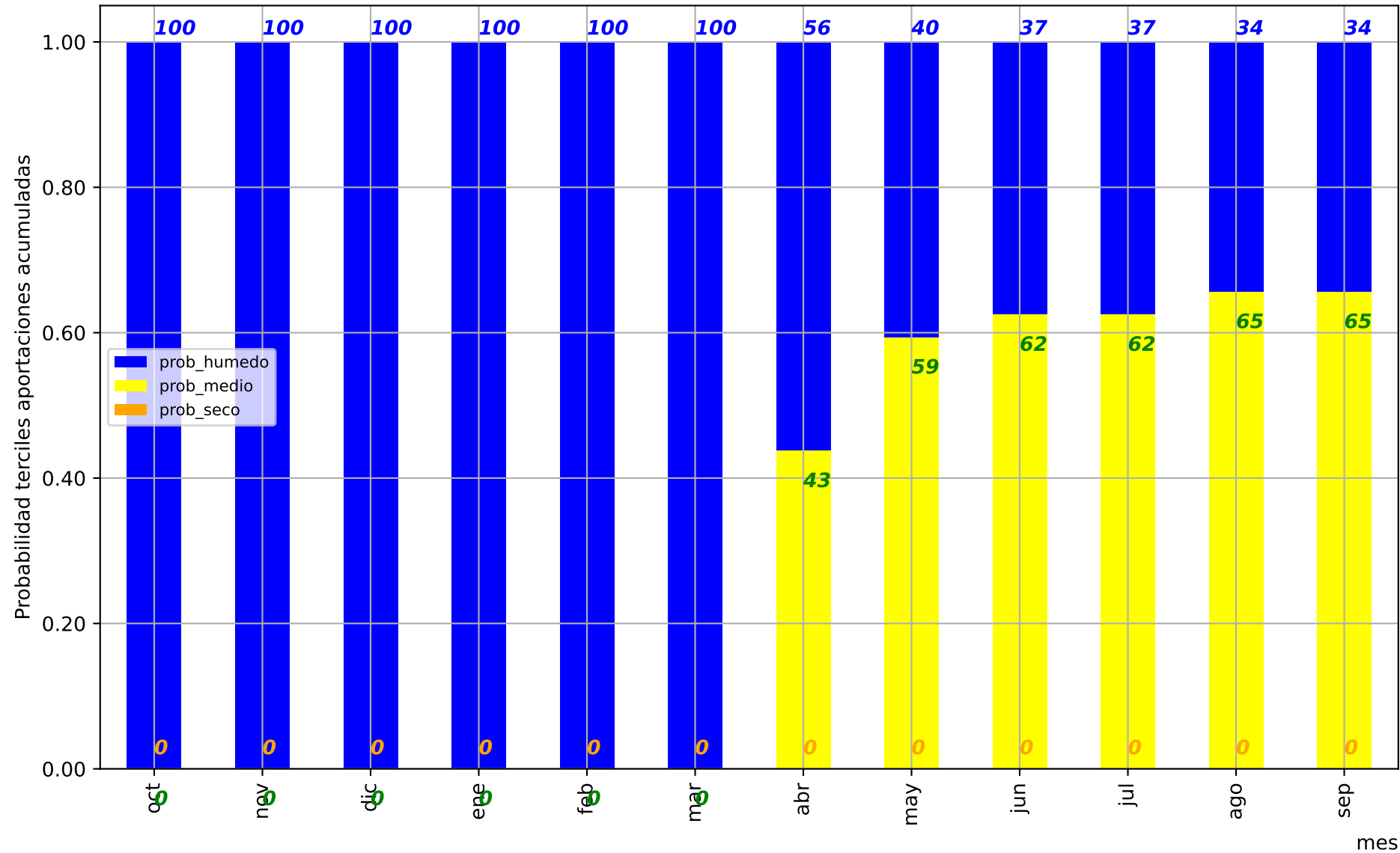


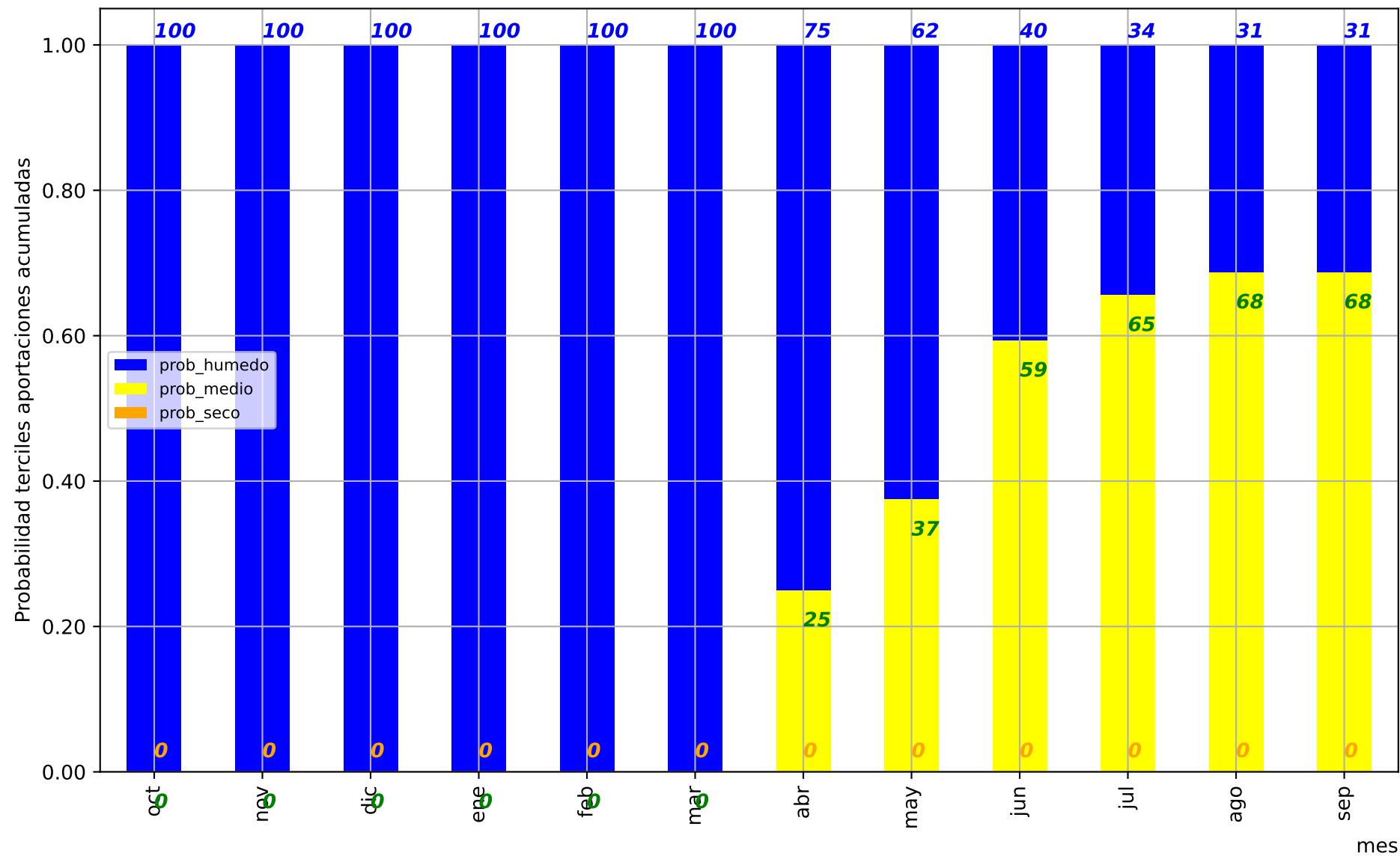


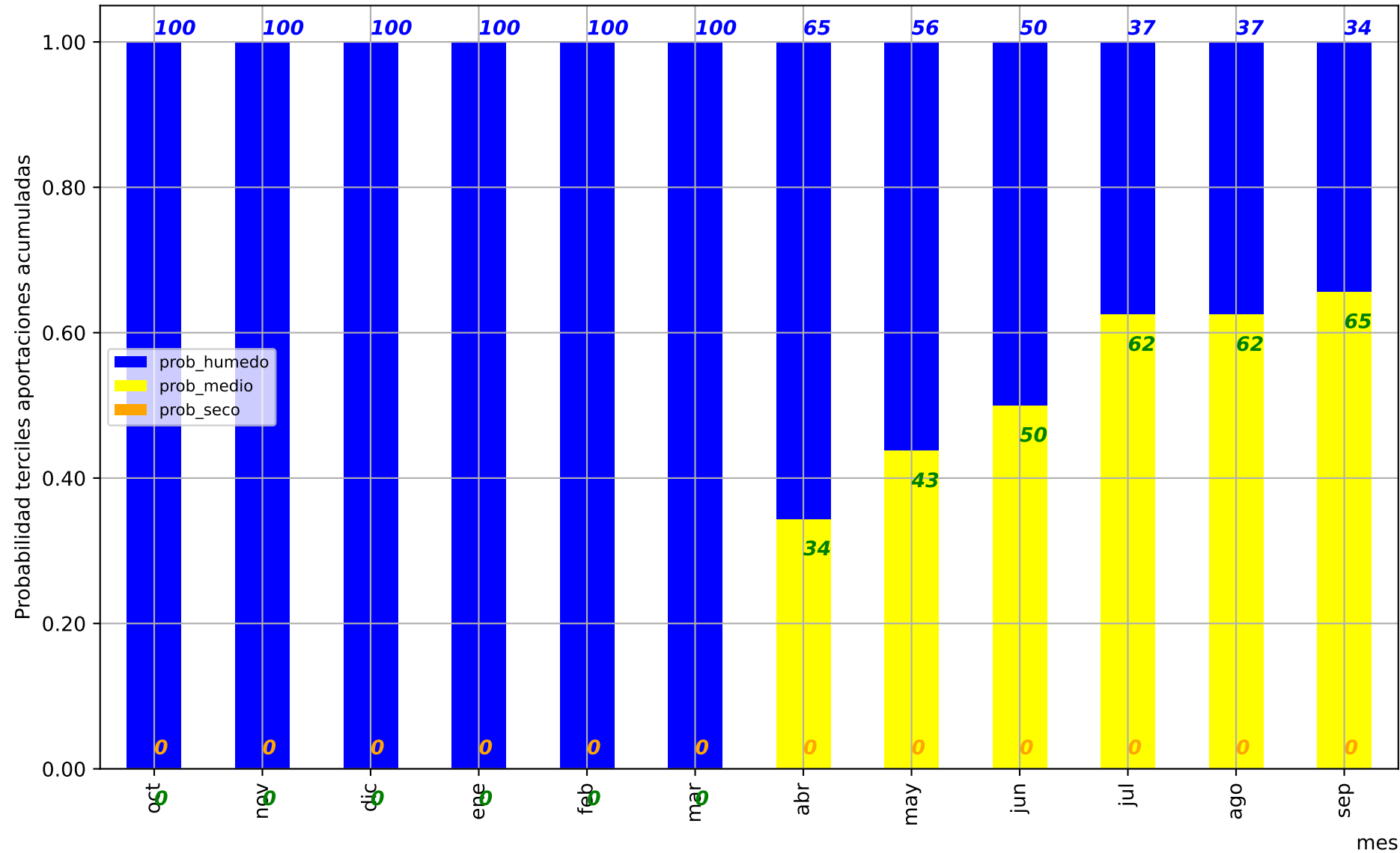






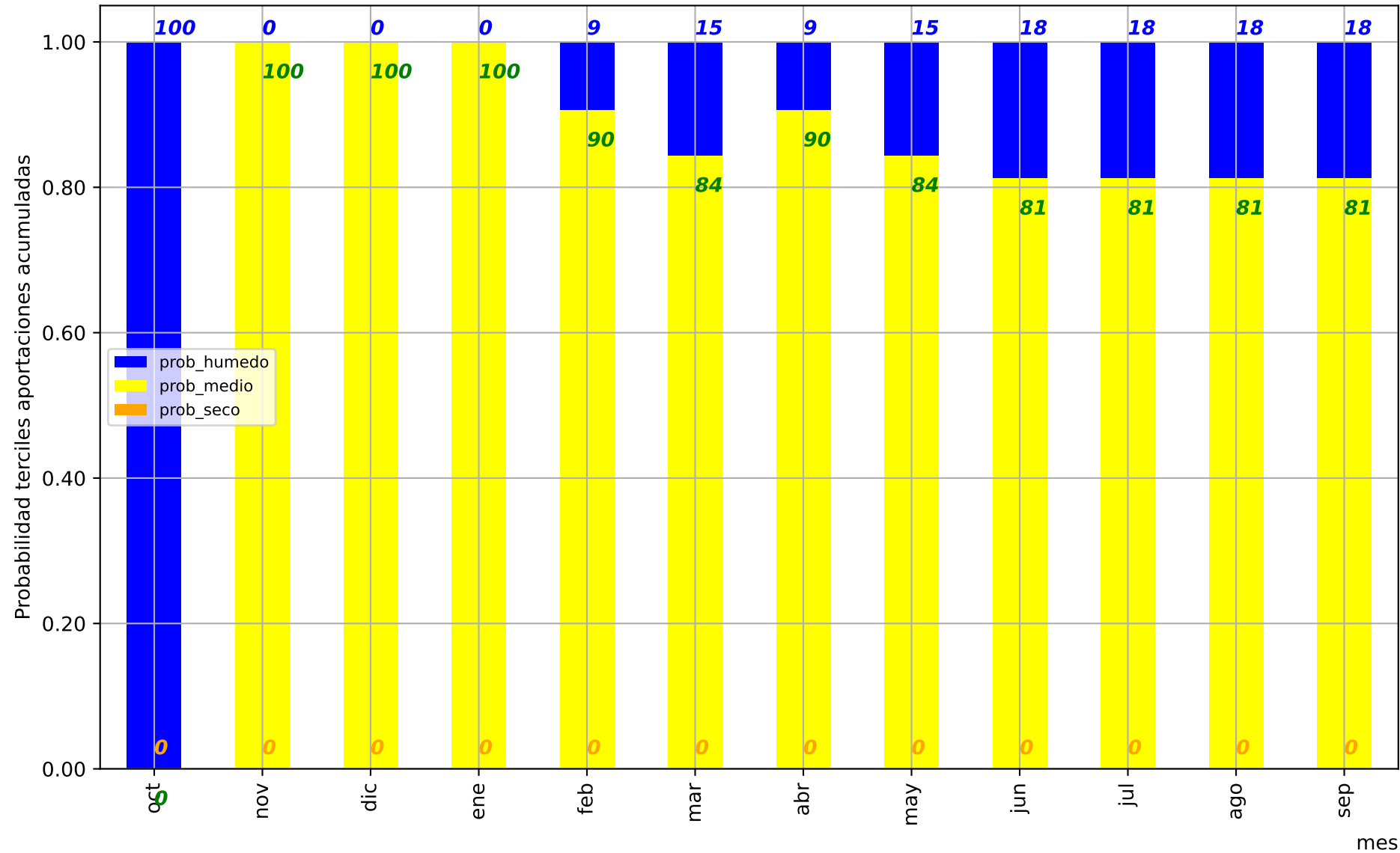


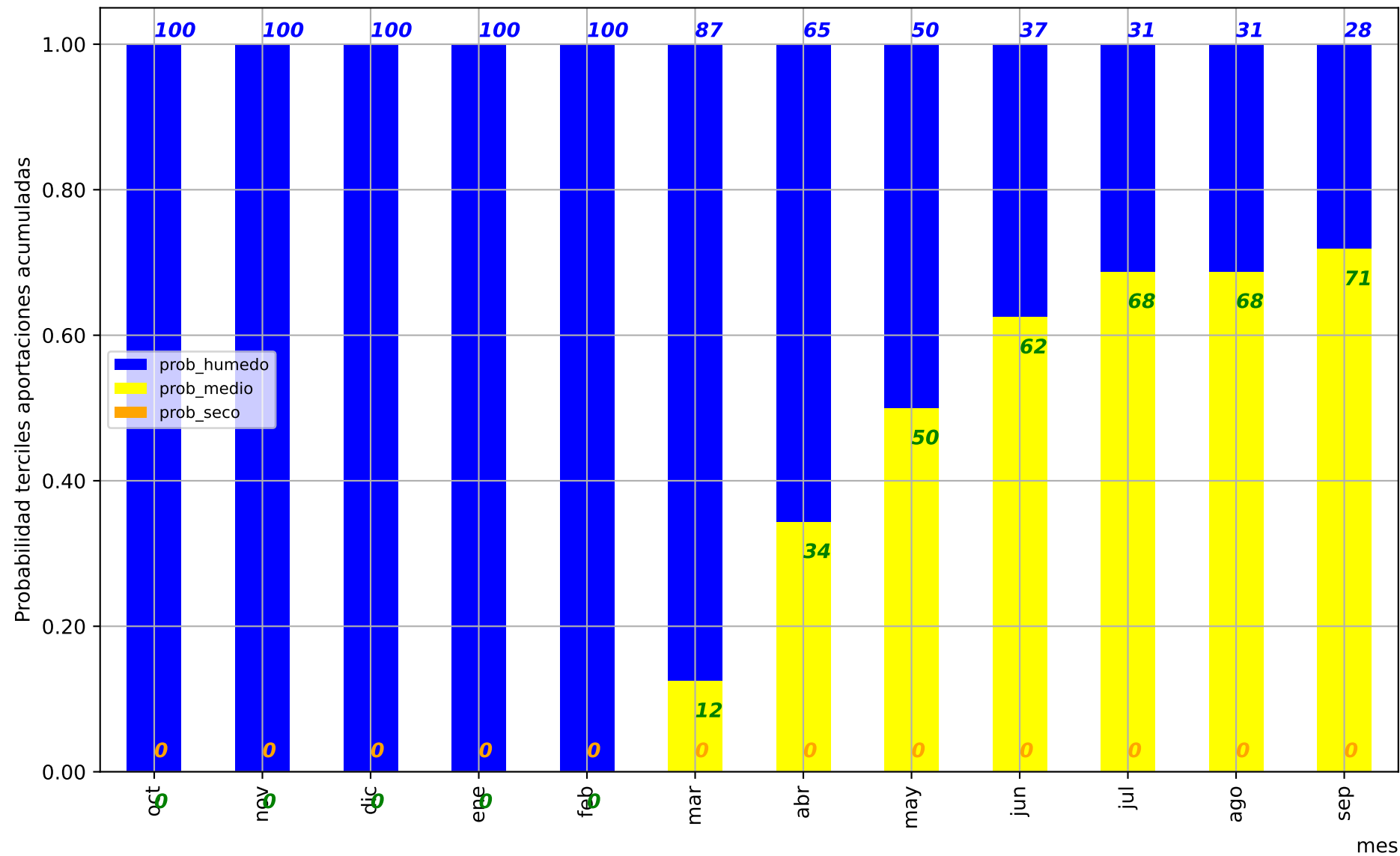


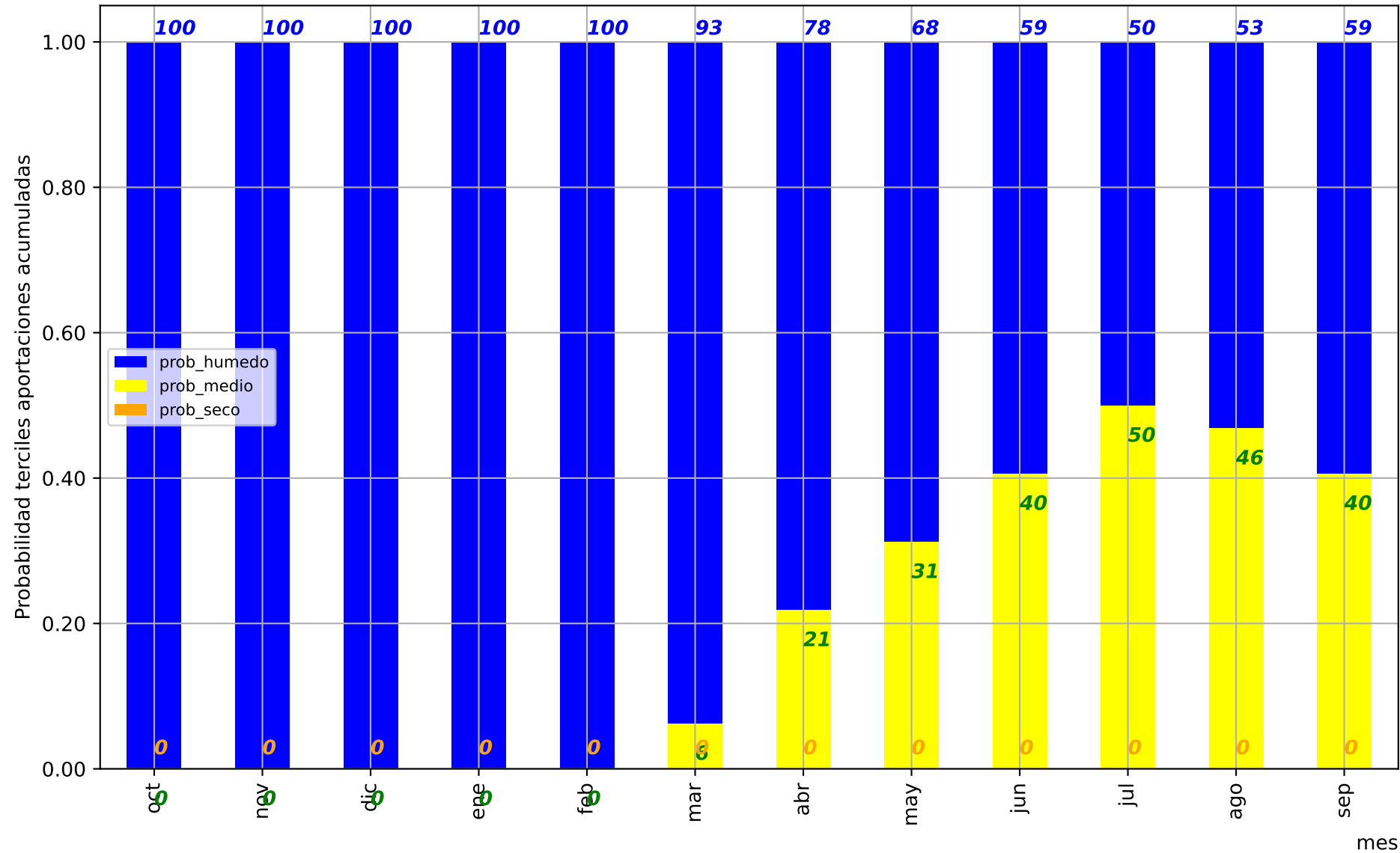


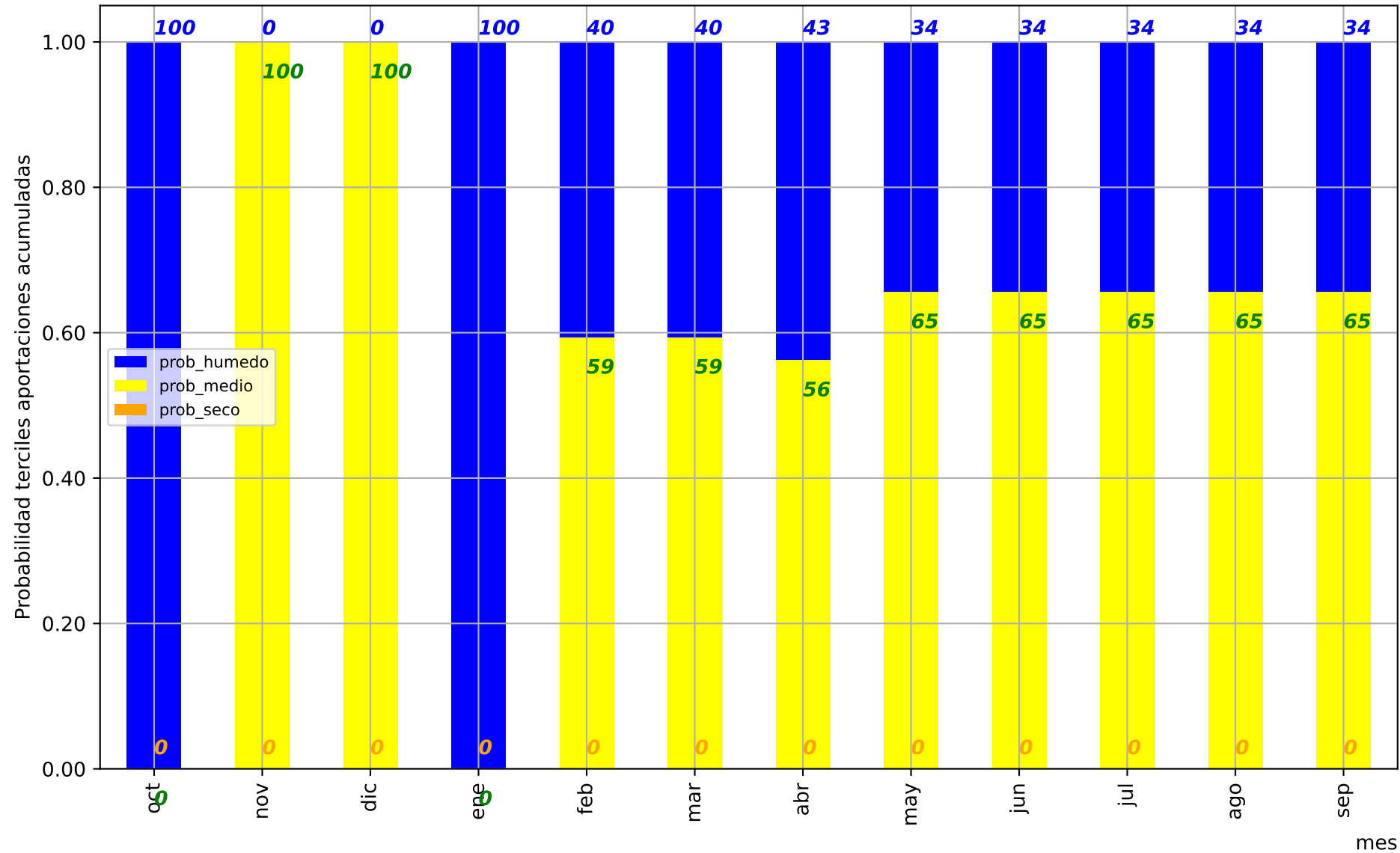
Predicción cuenca del:

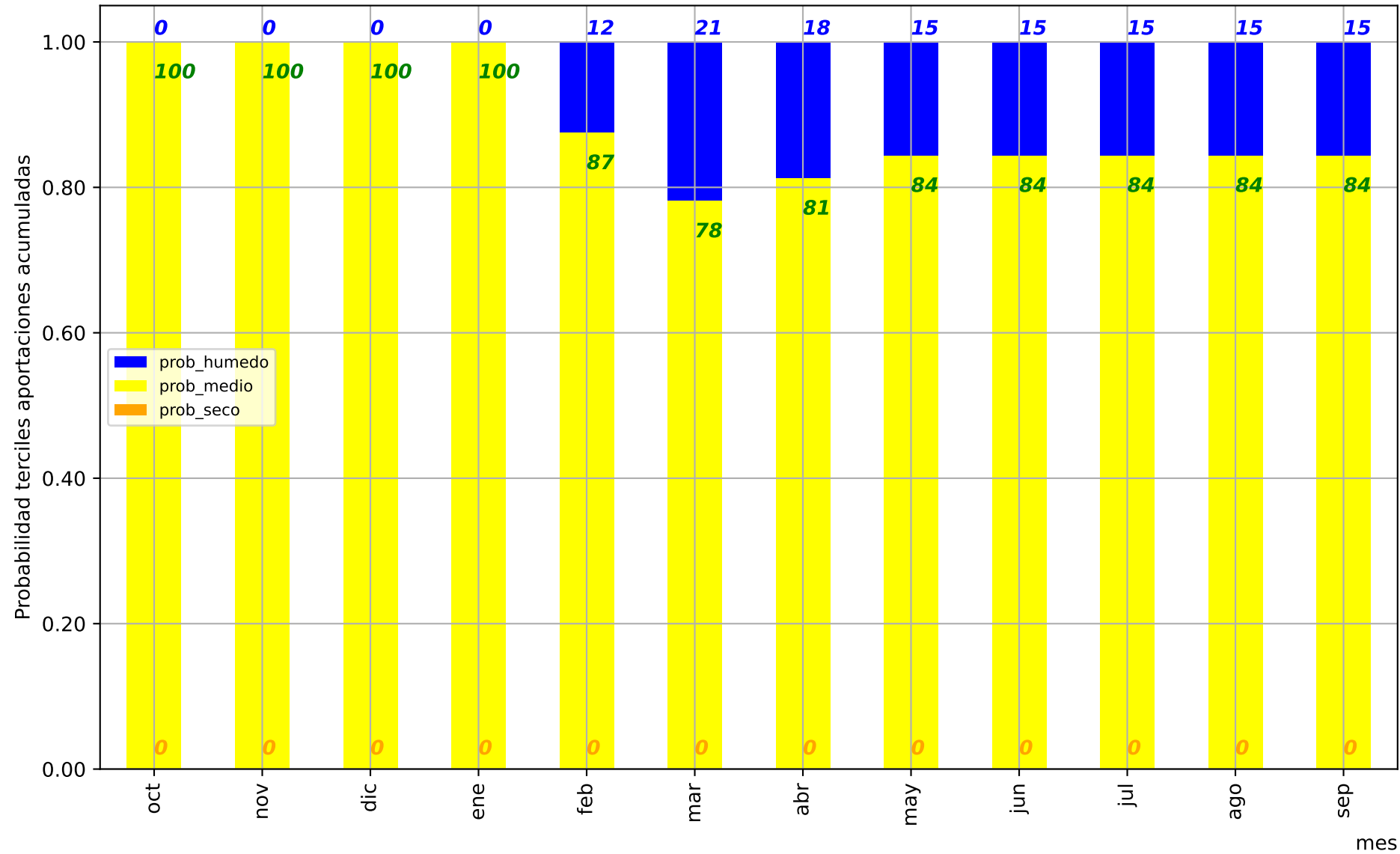
Río Adaja completo

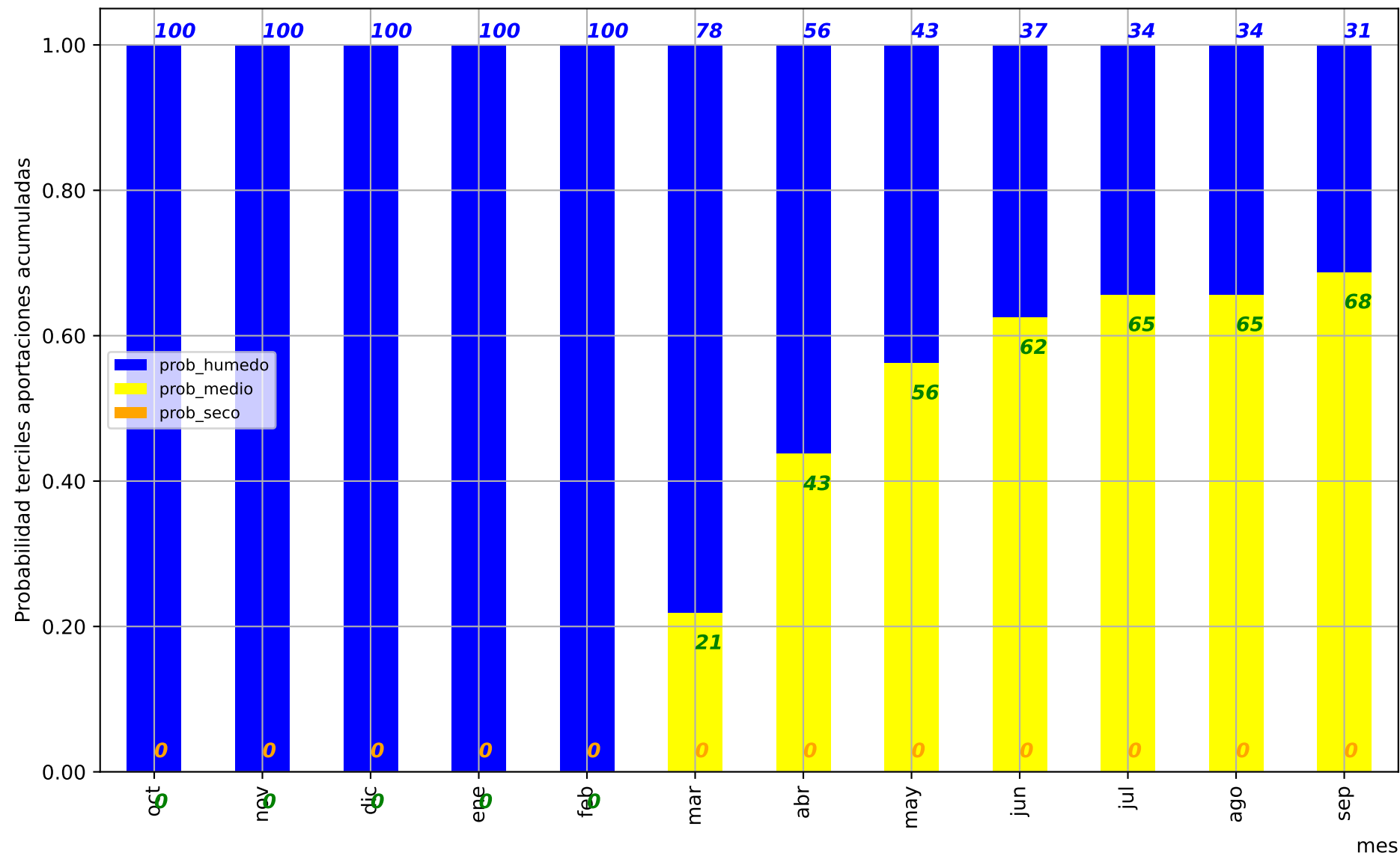


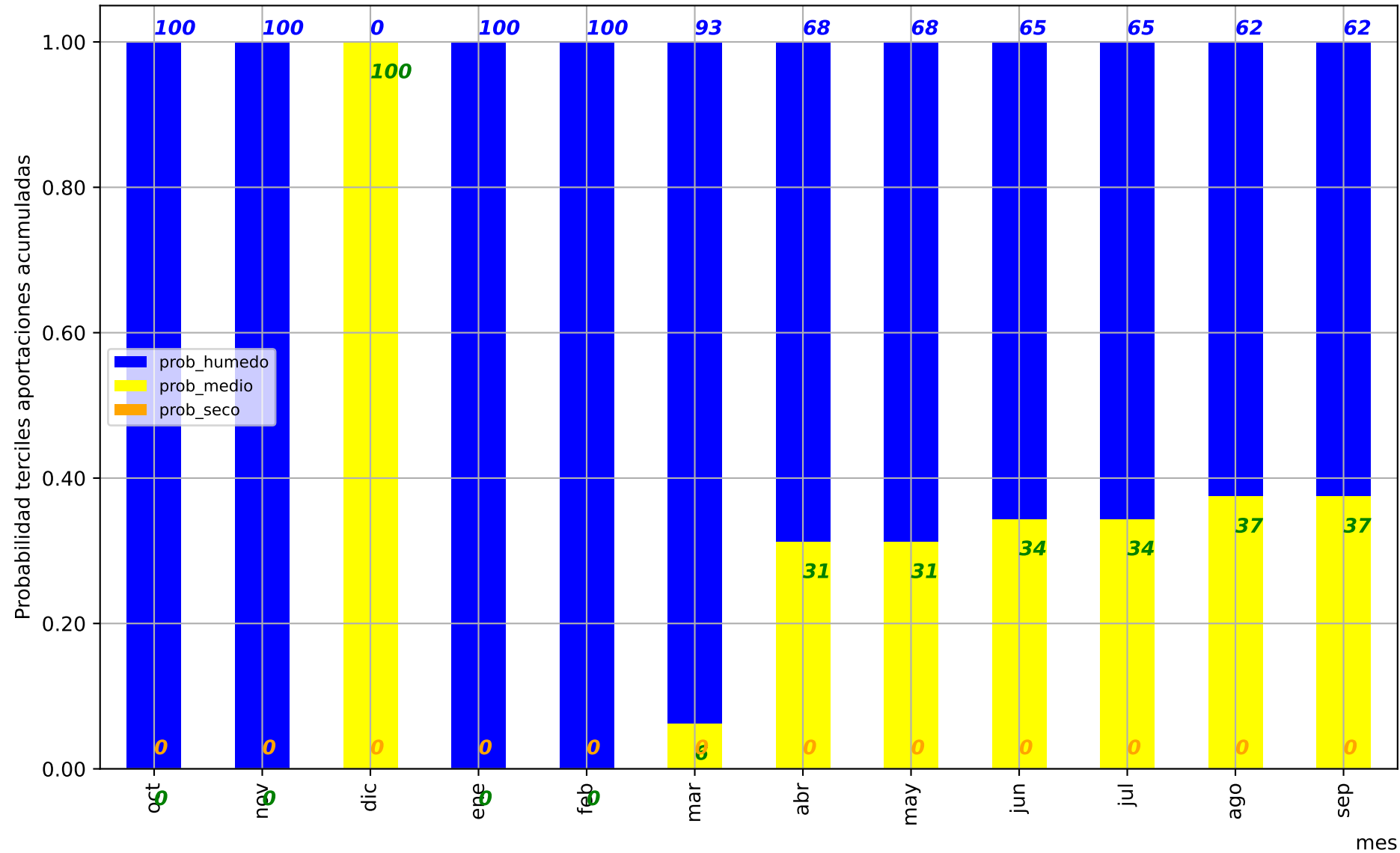


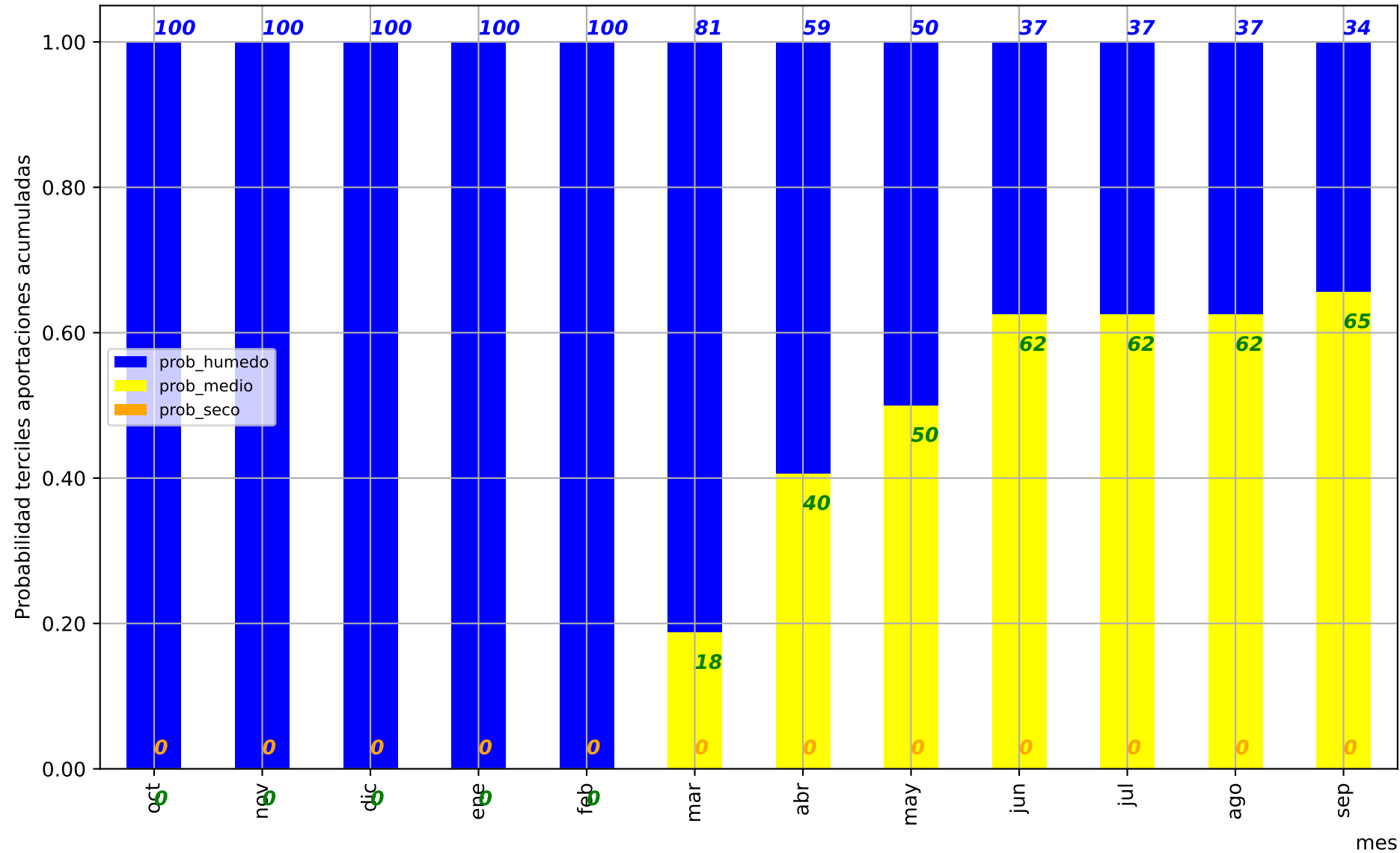


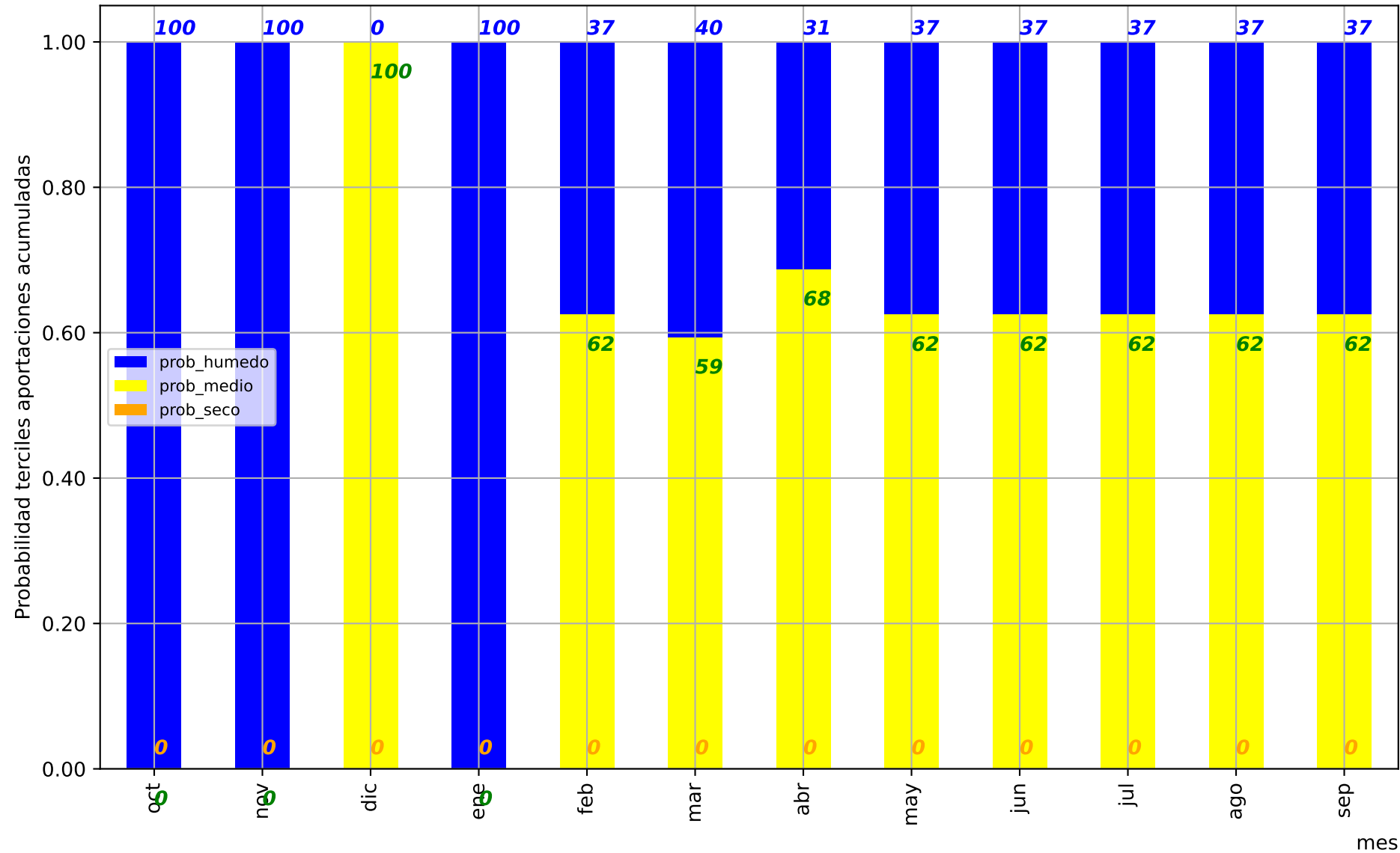


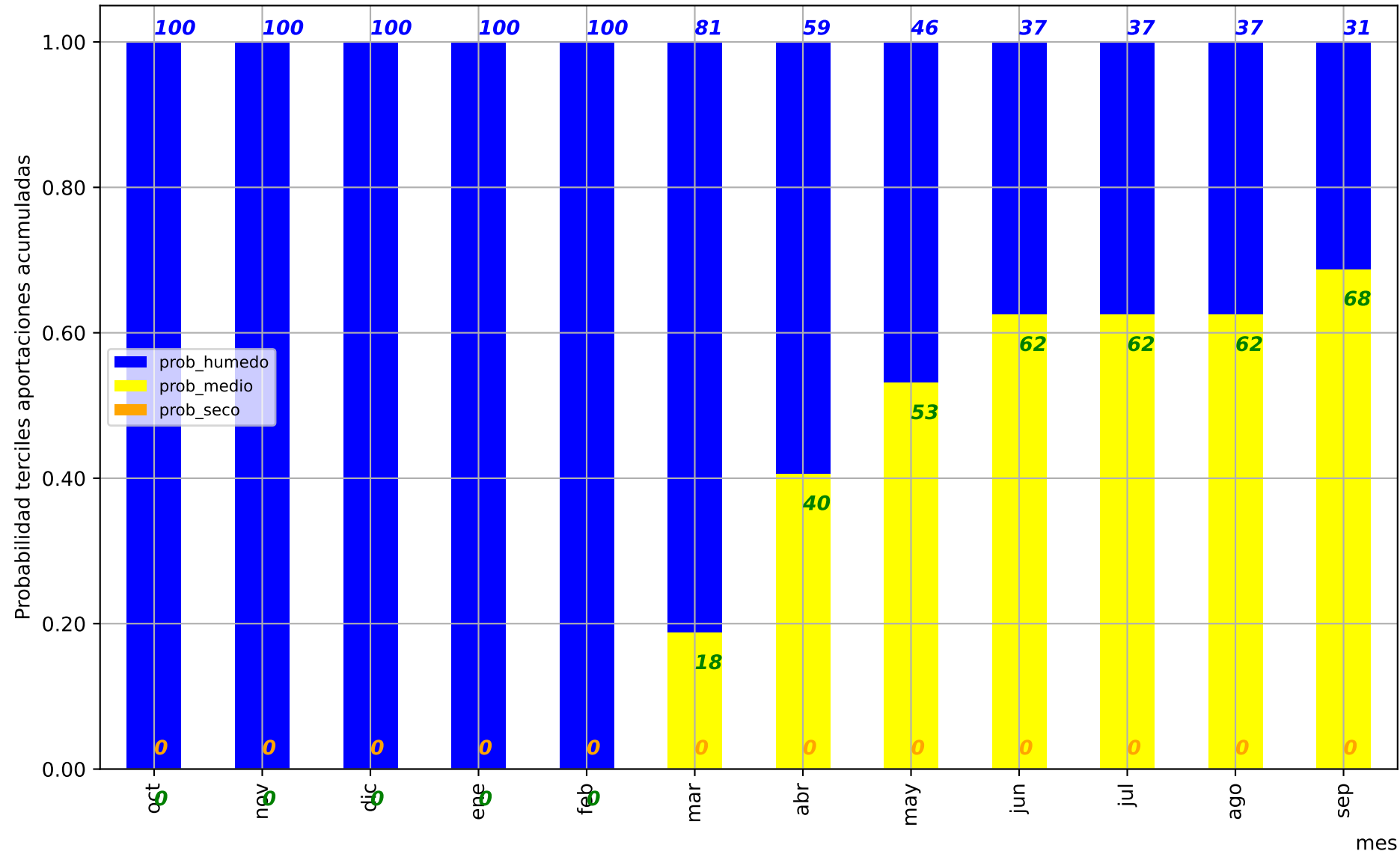


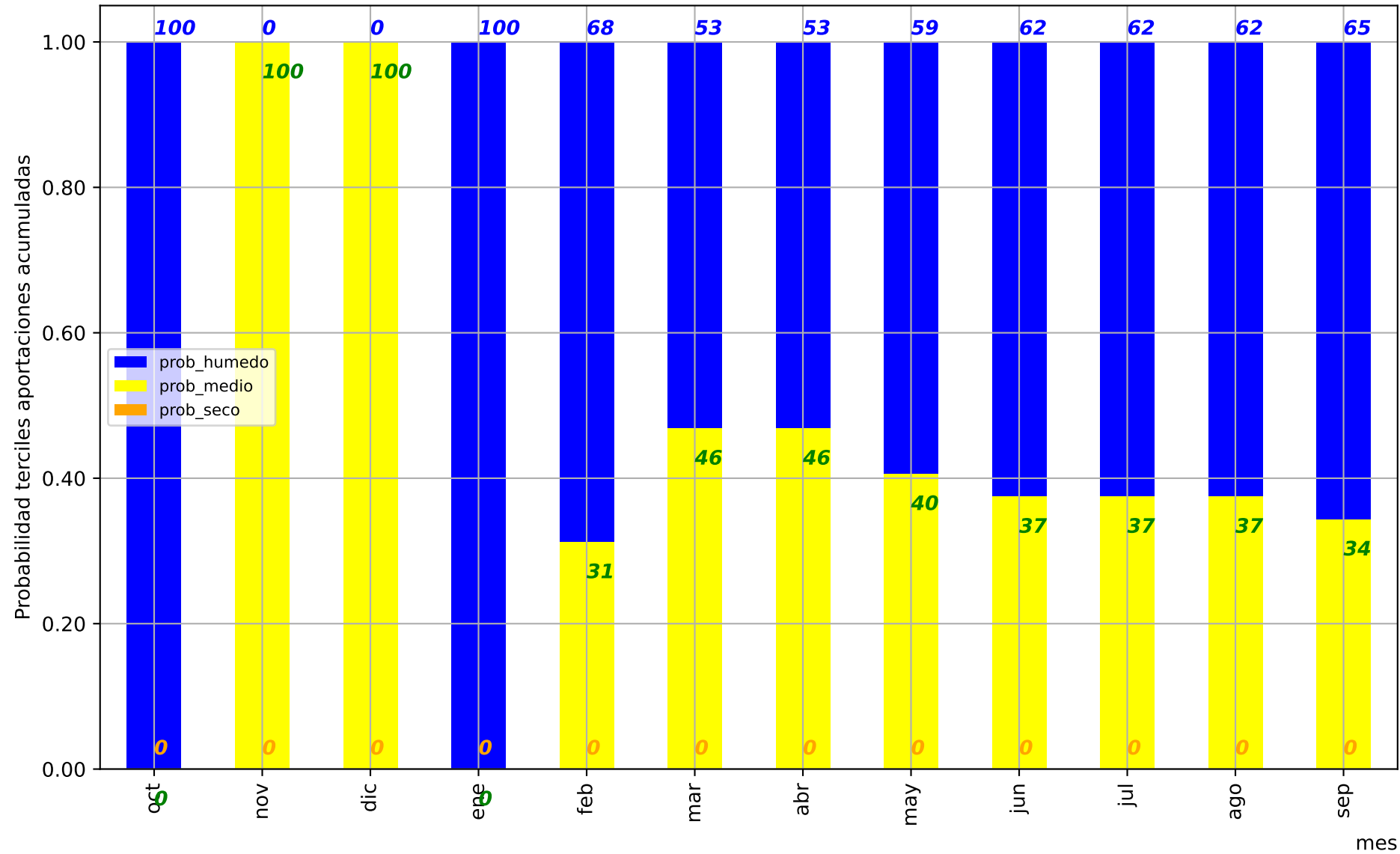


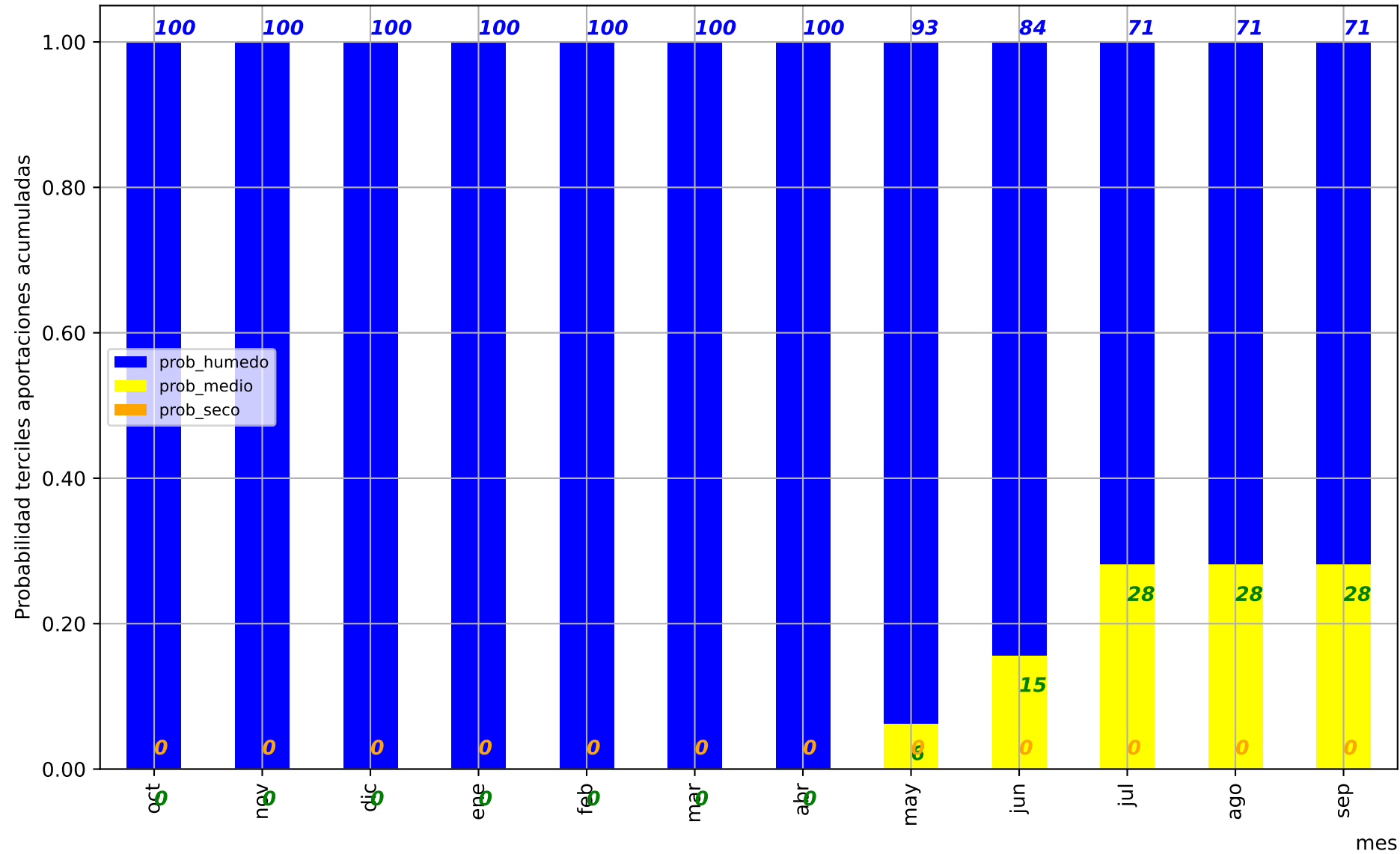


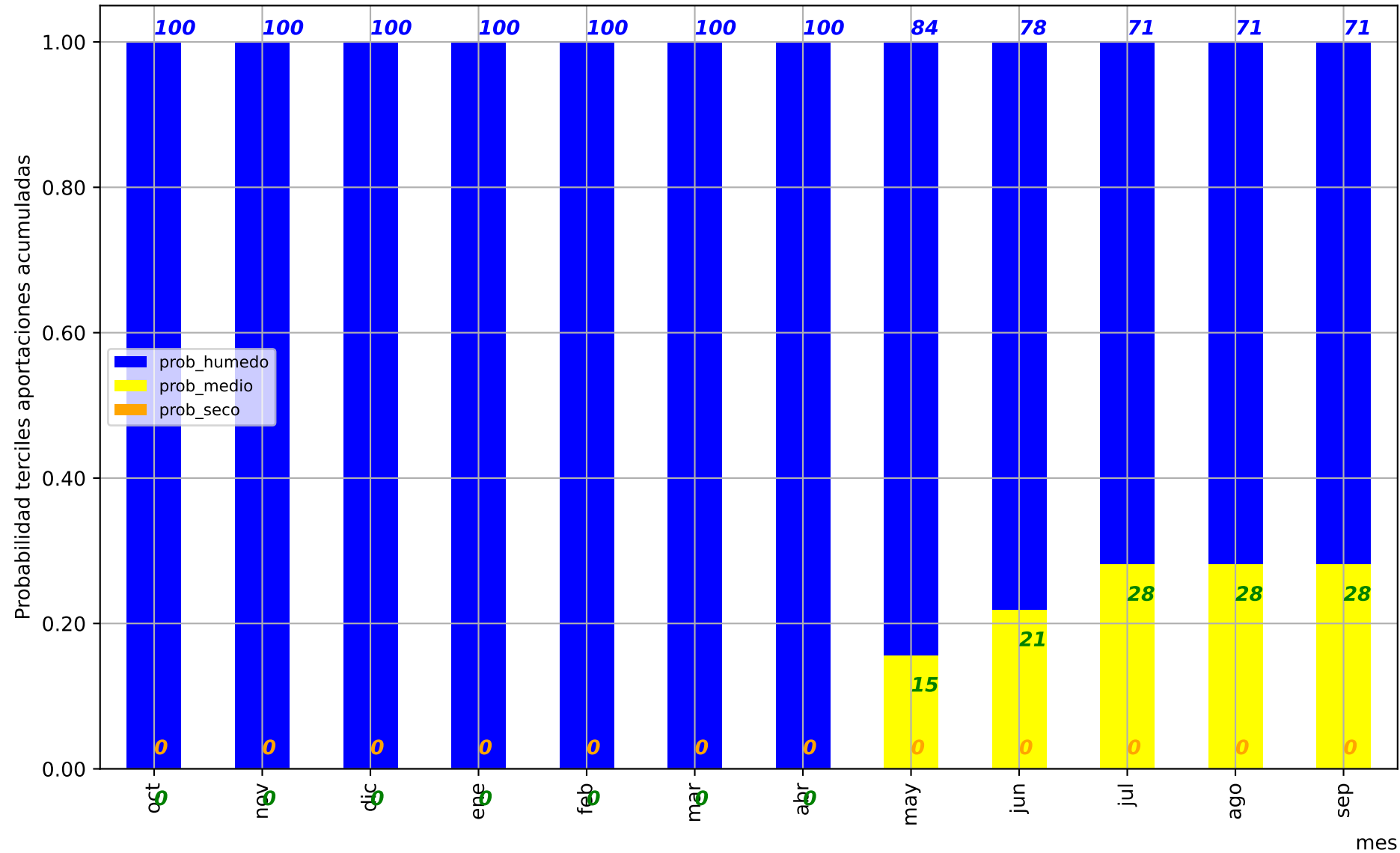


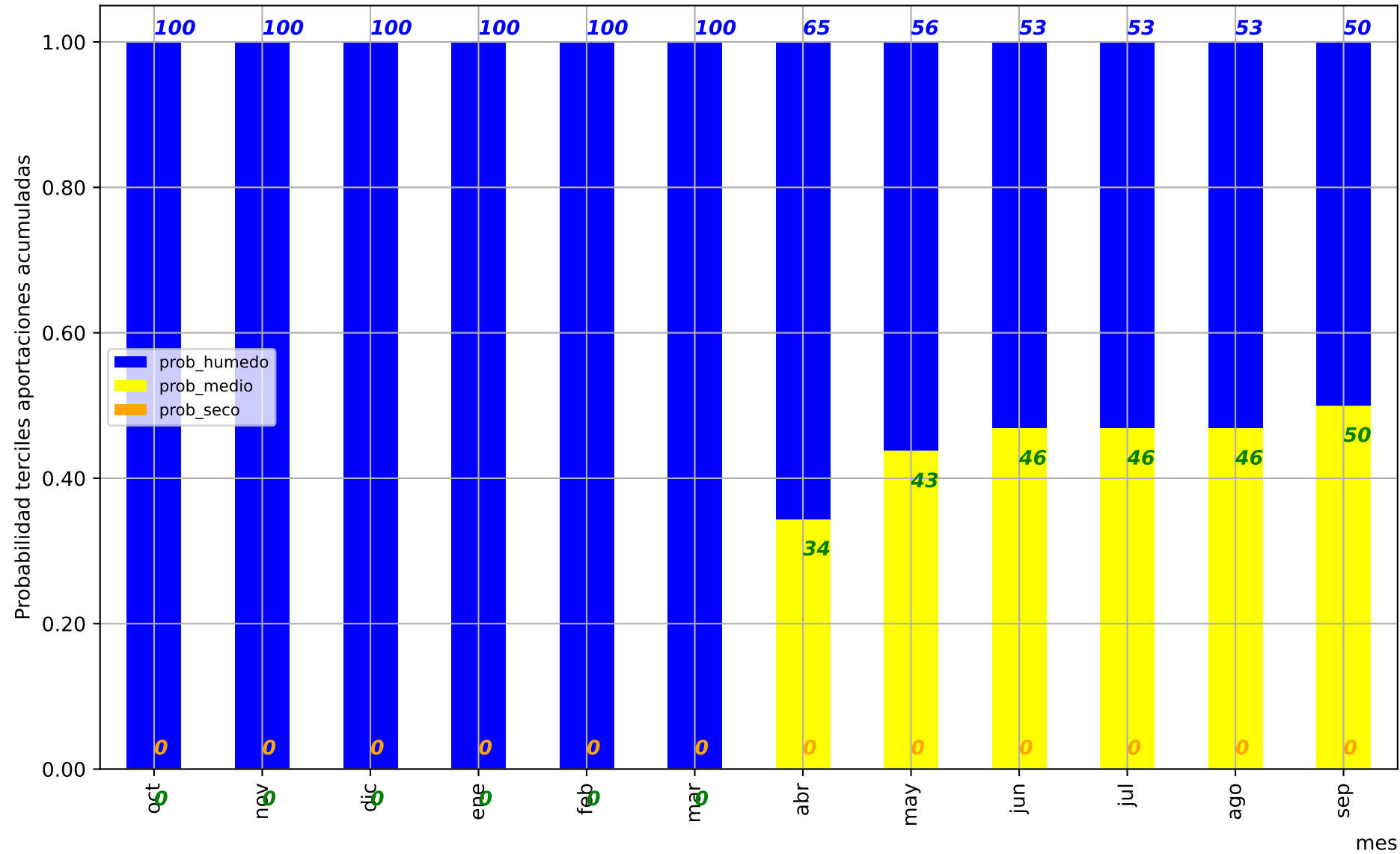


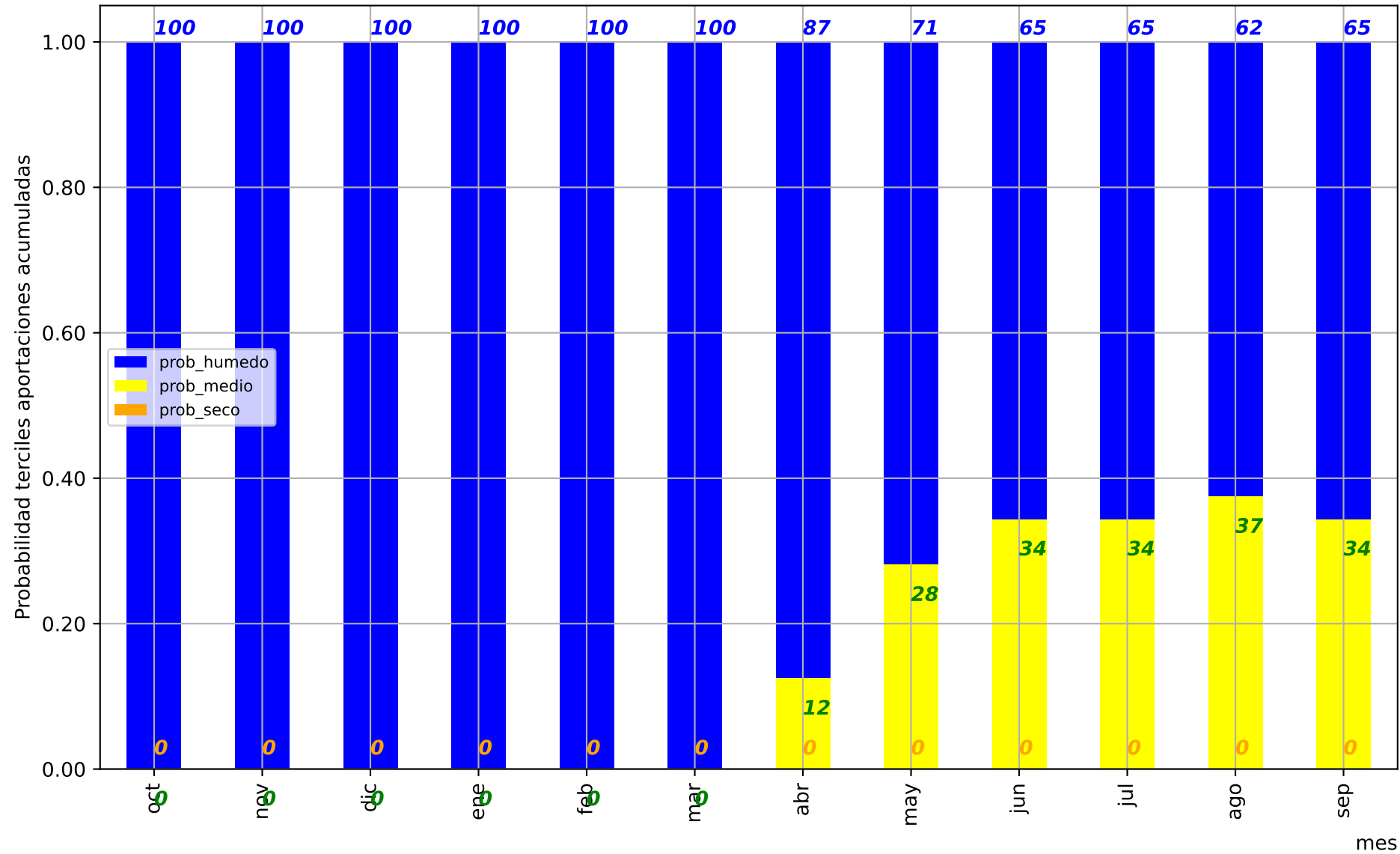


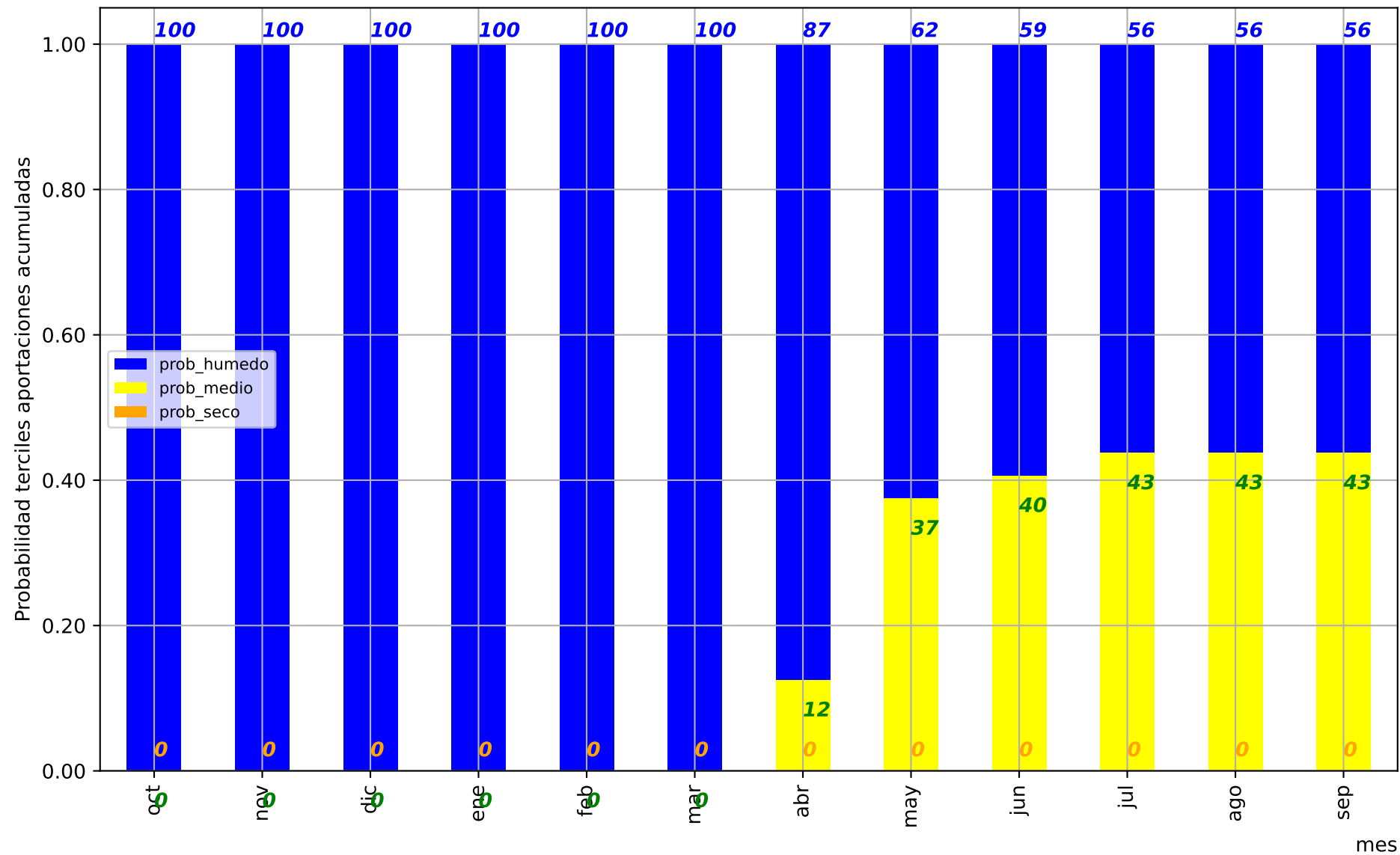


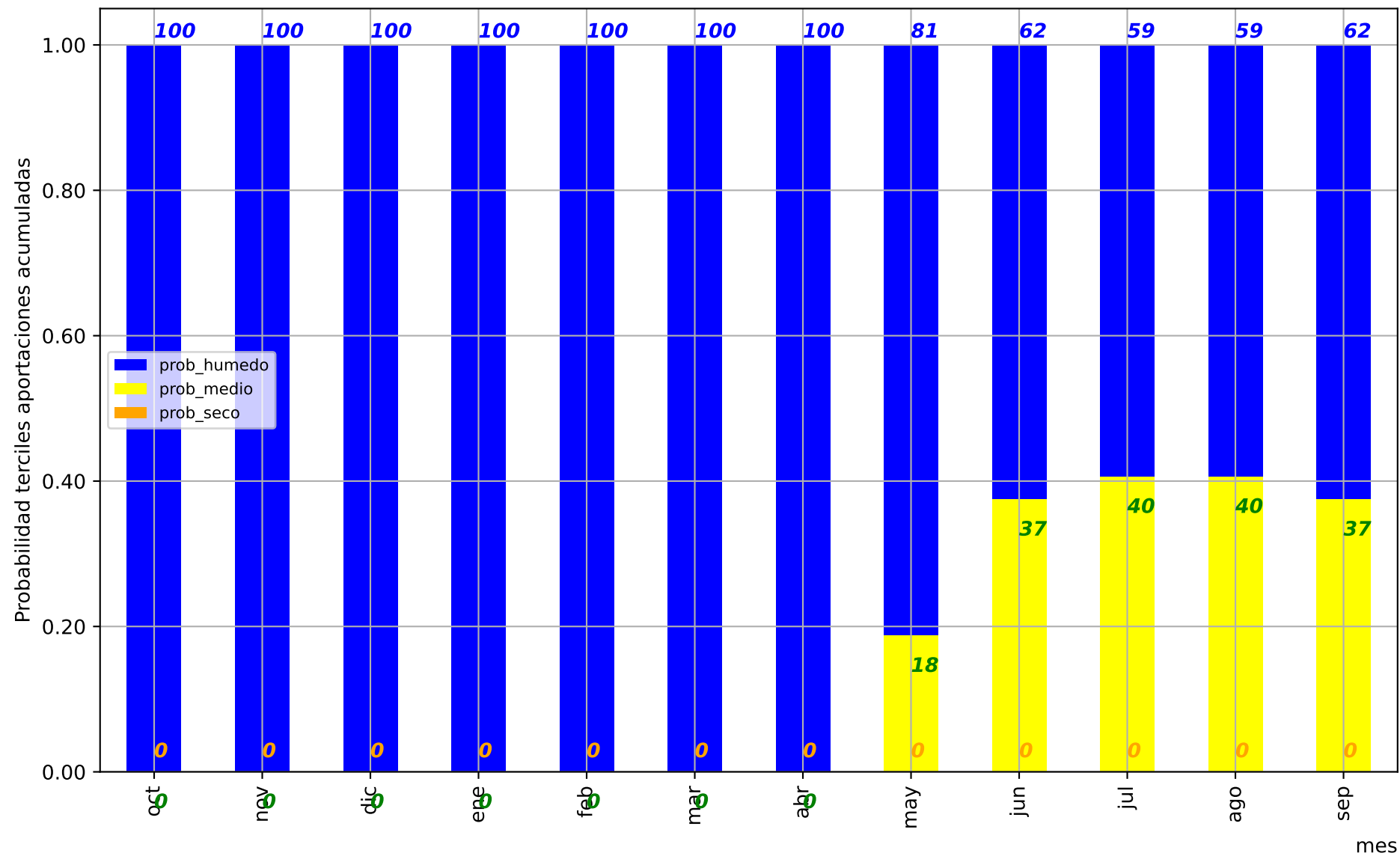


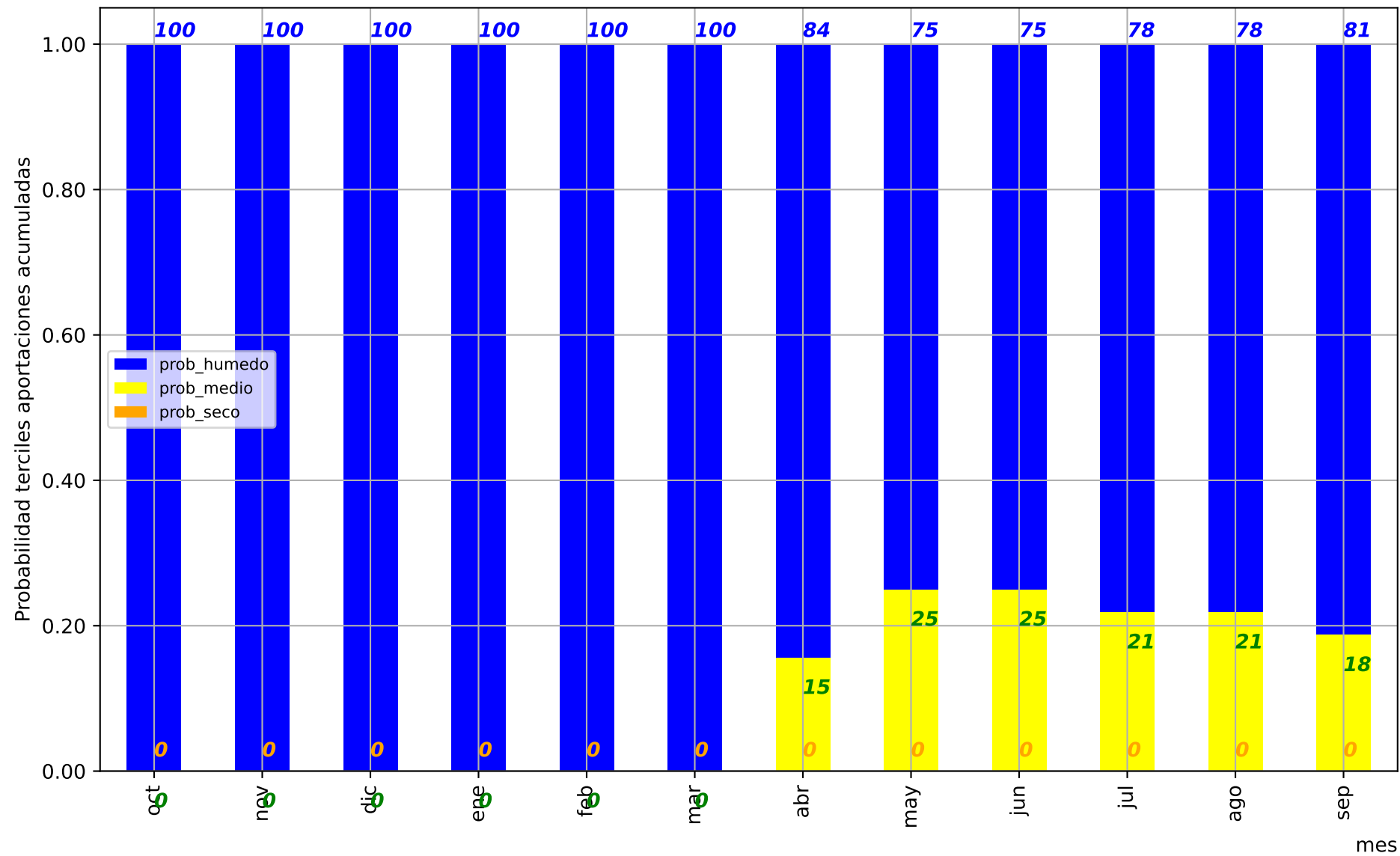


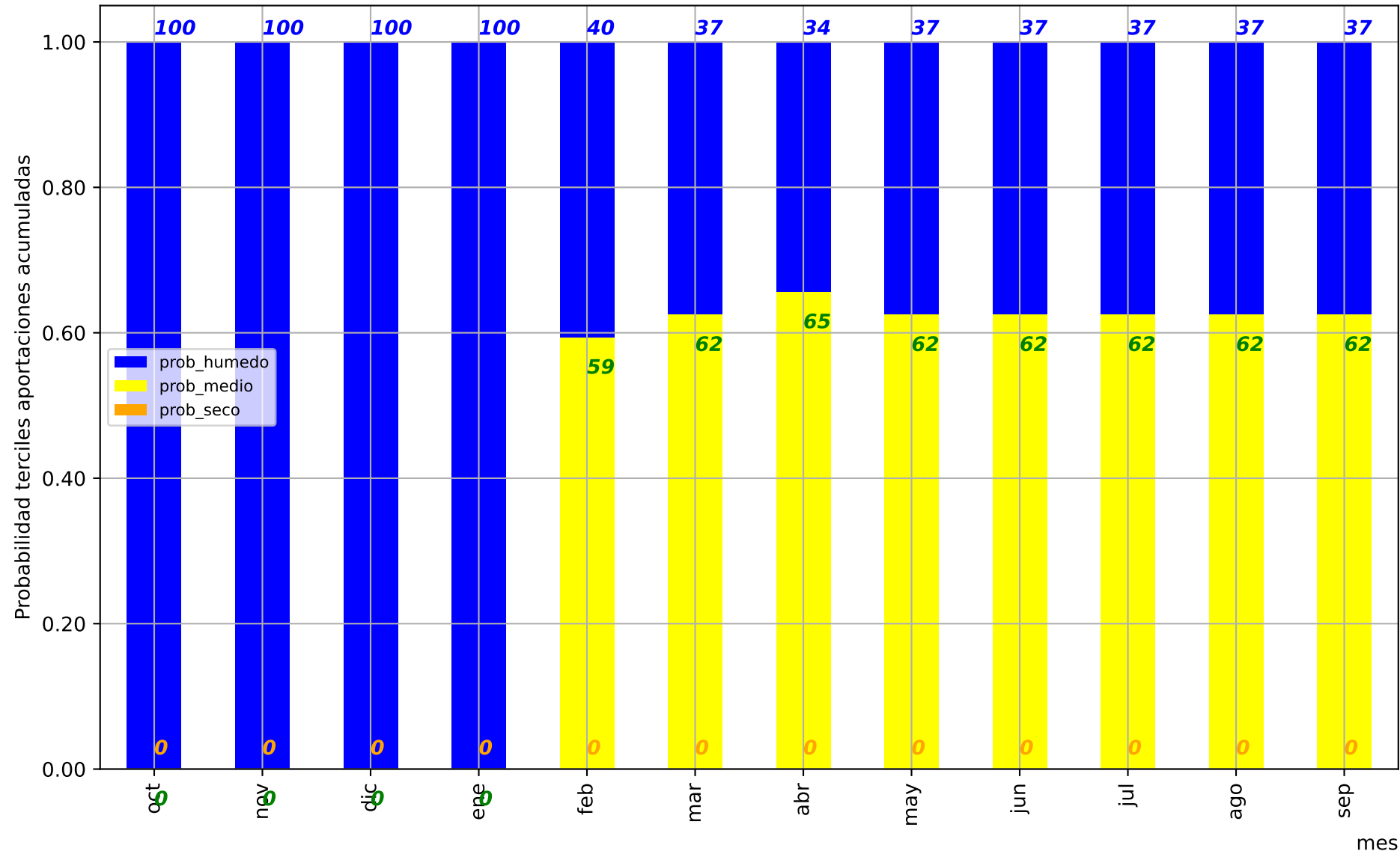


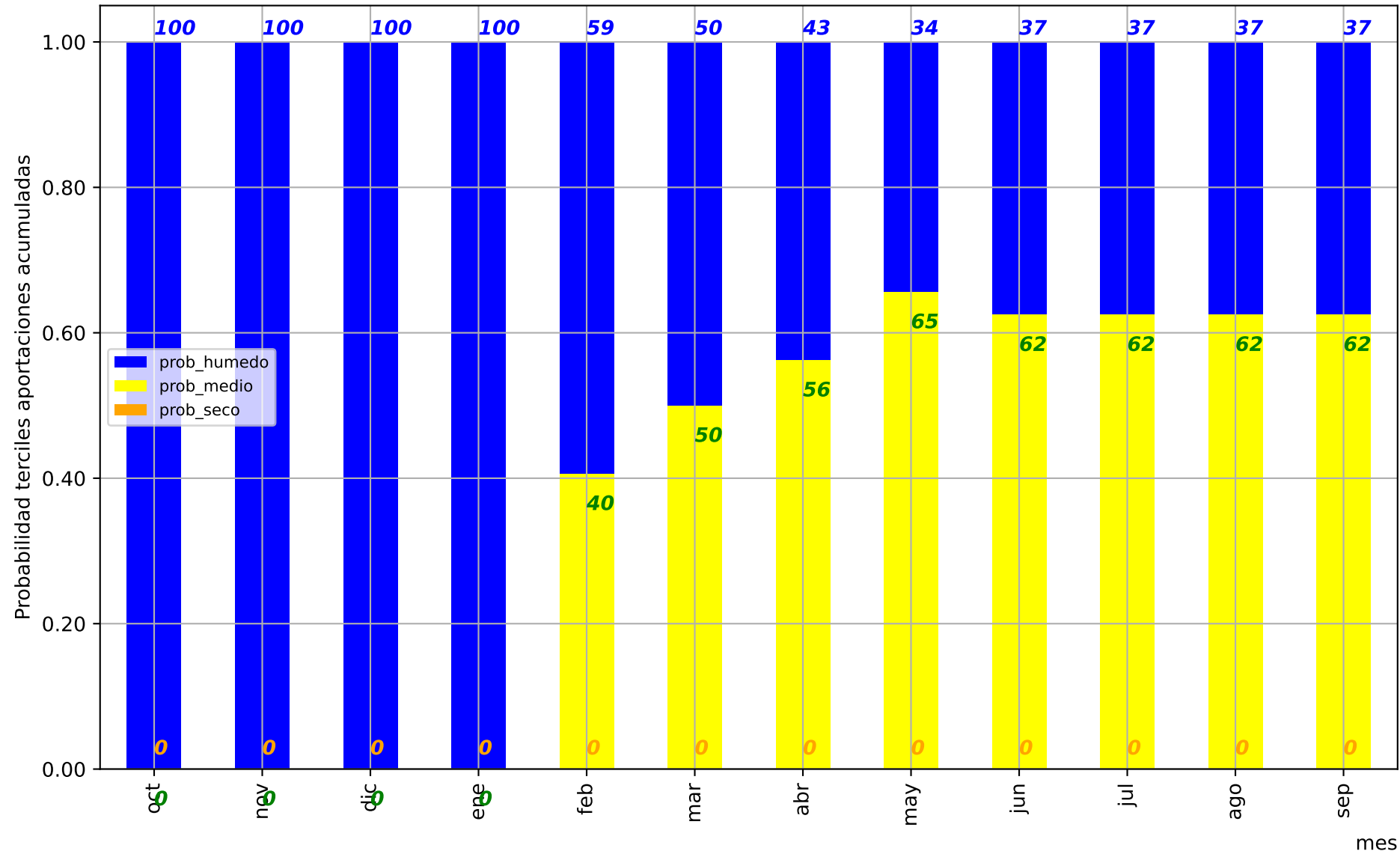


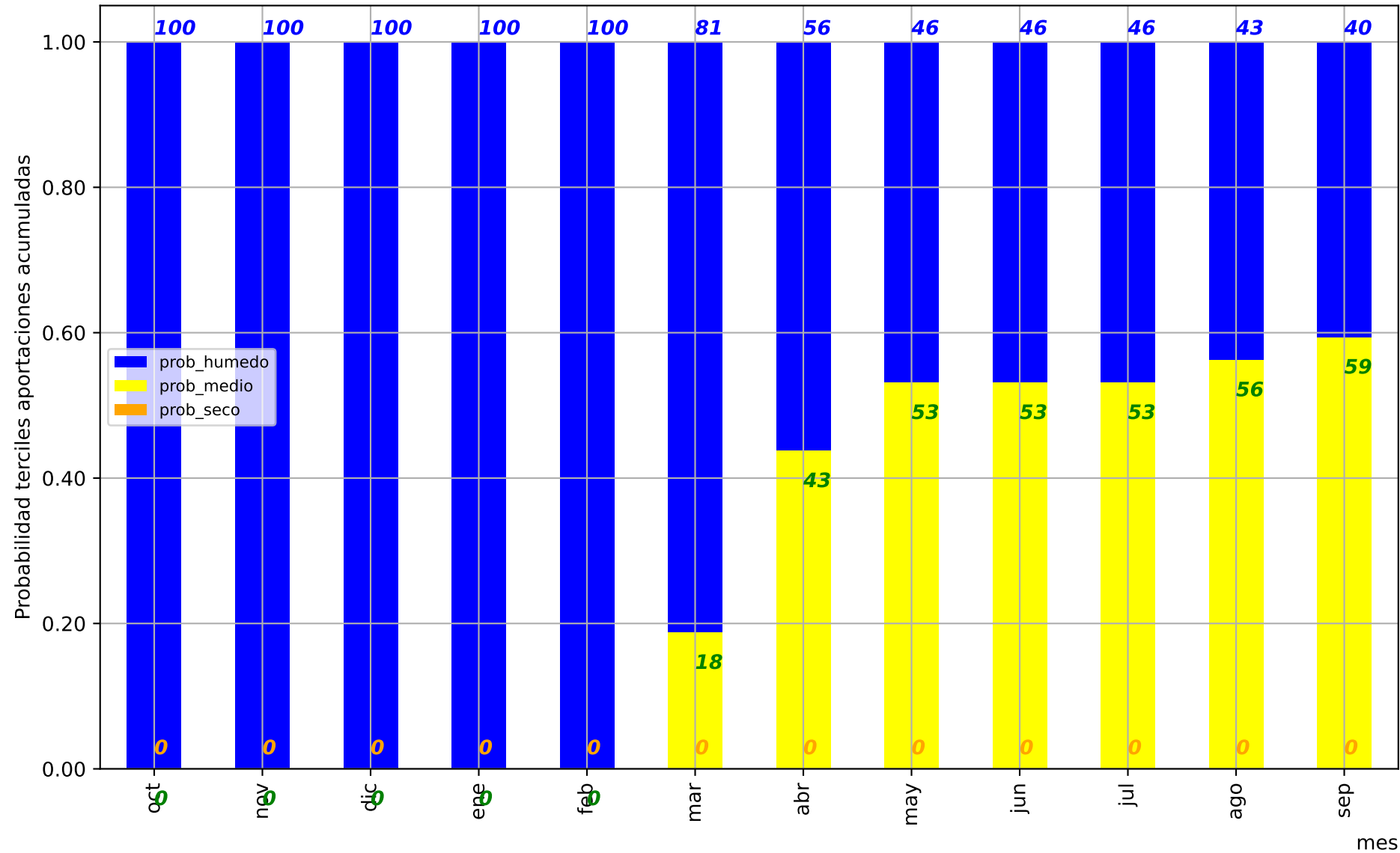


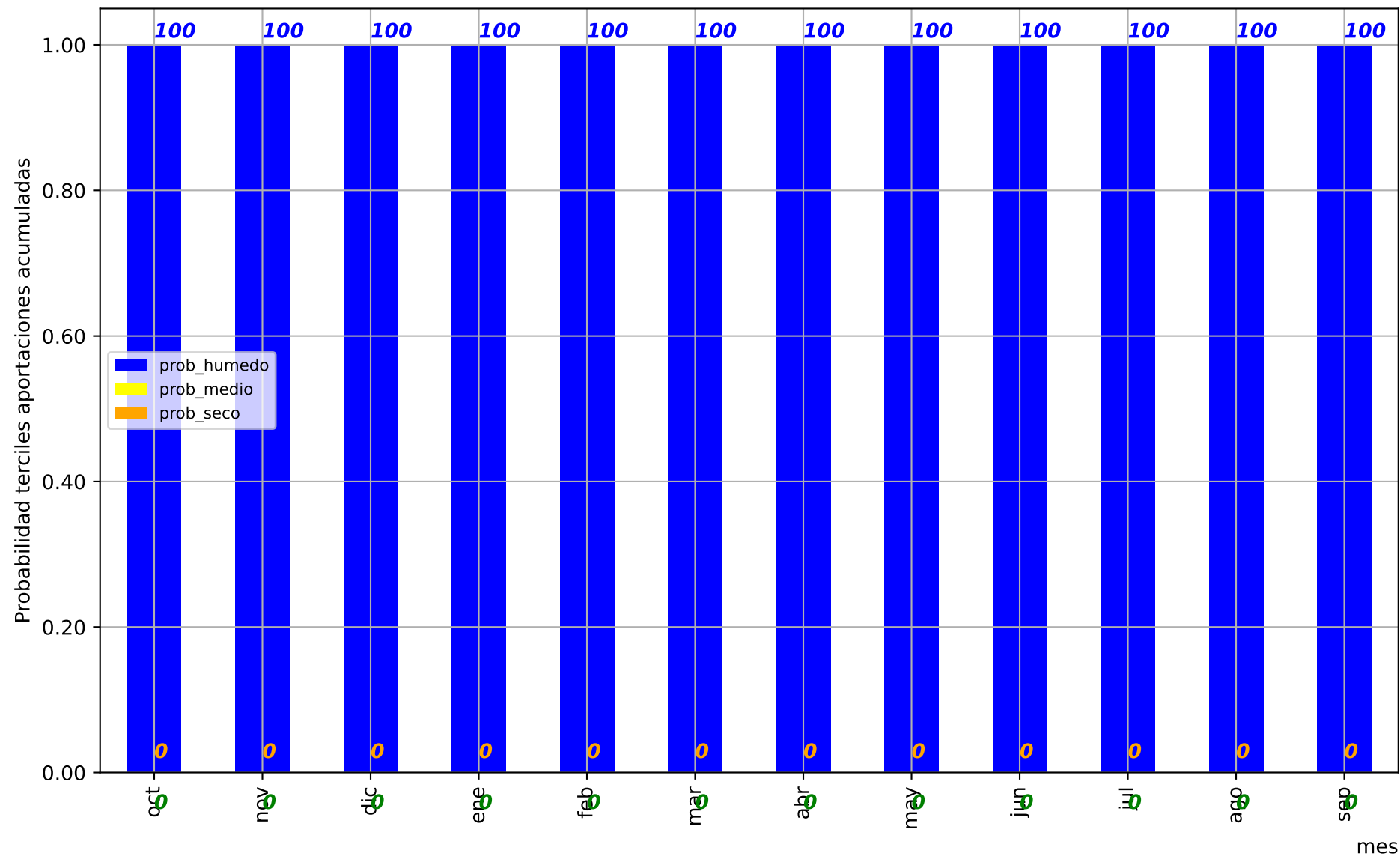


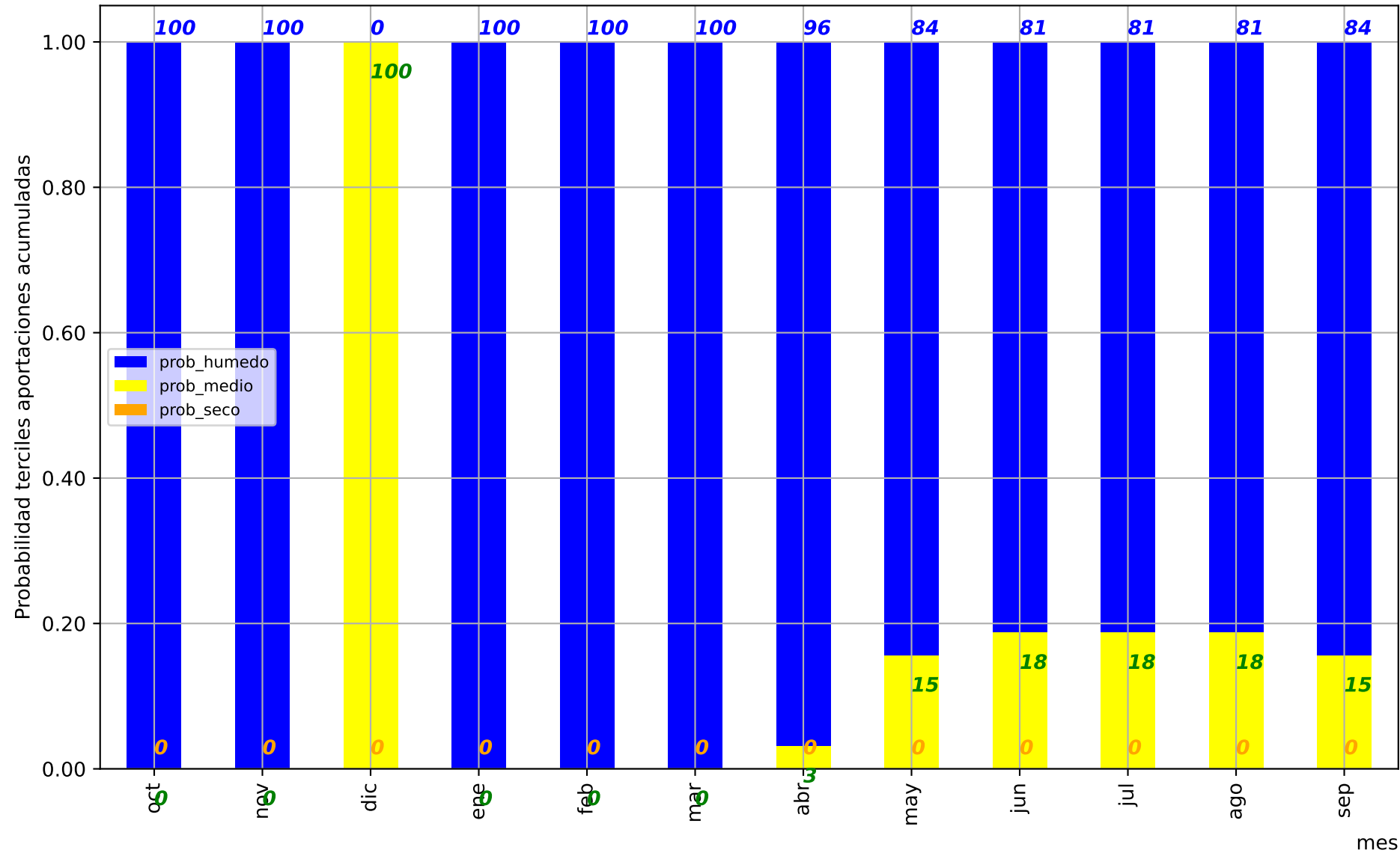


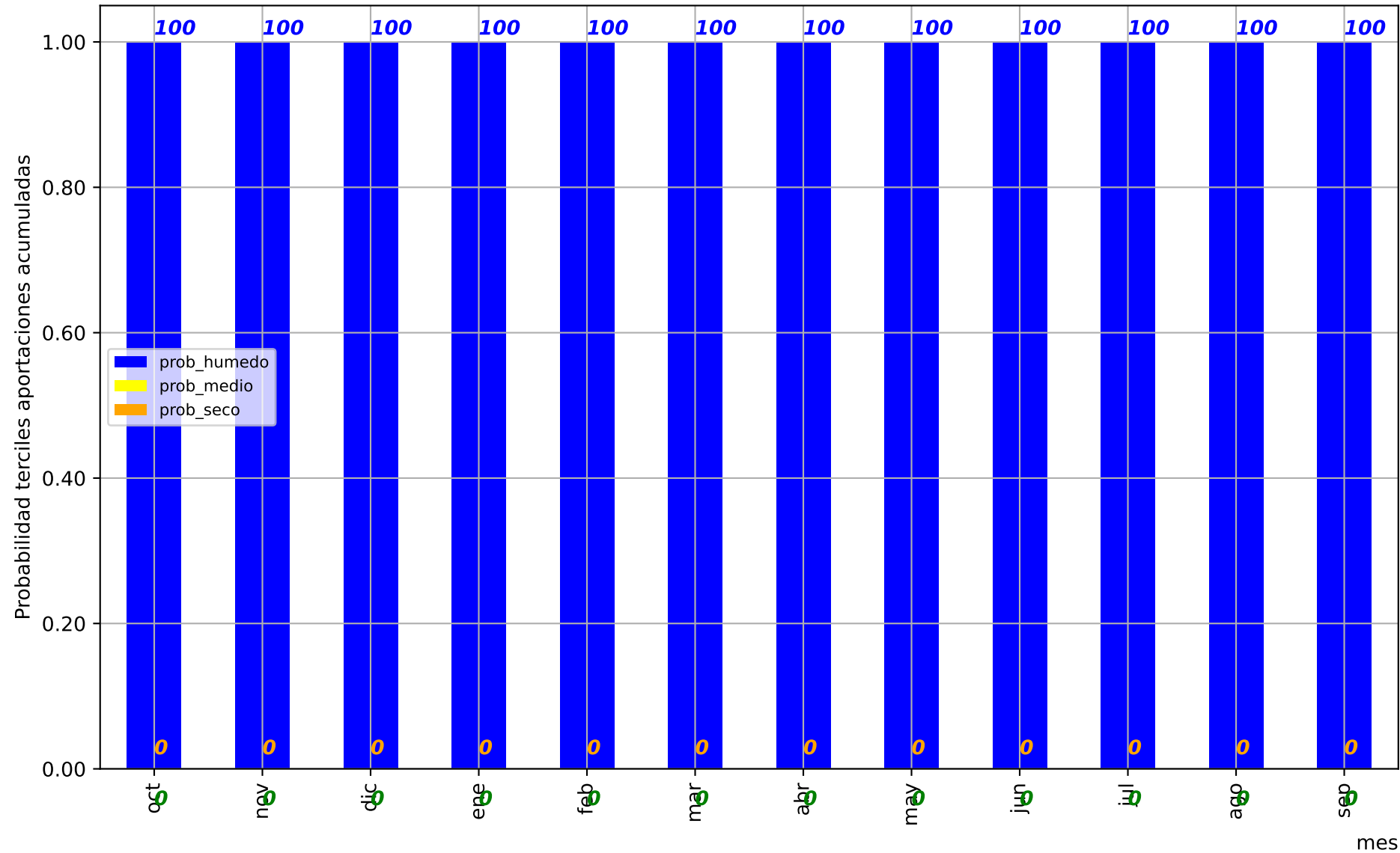


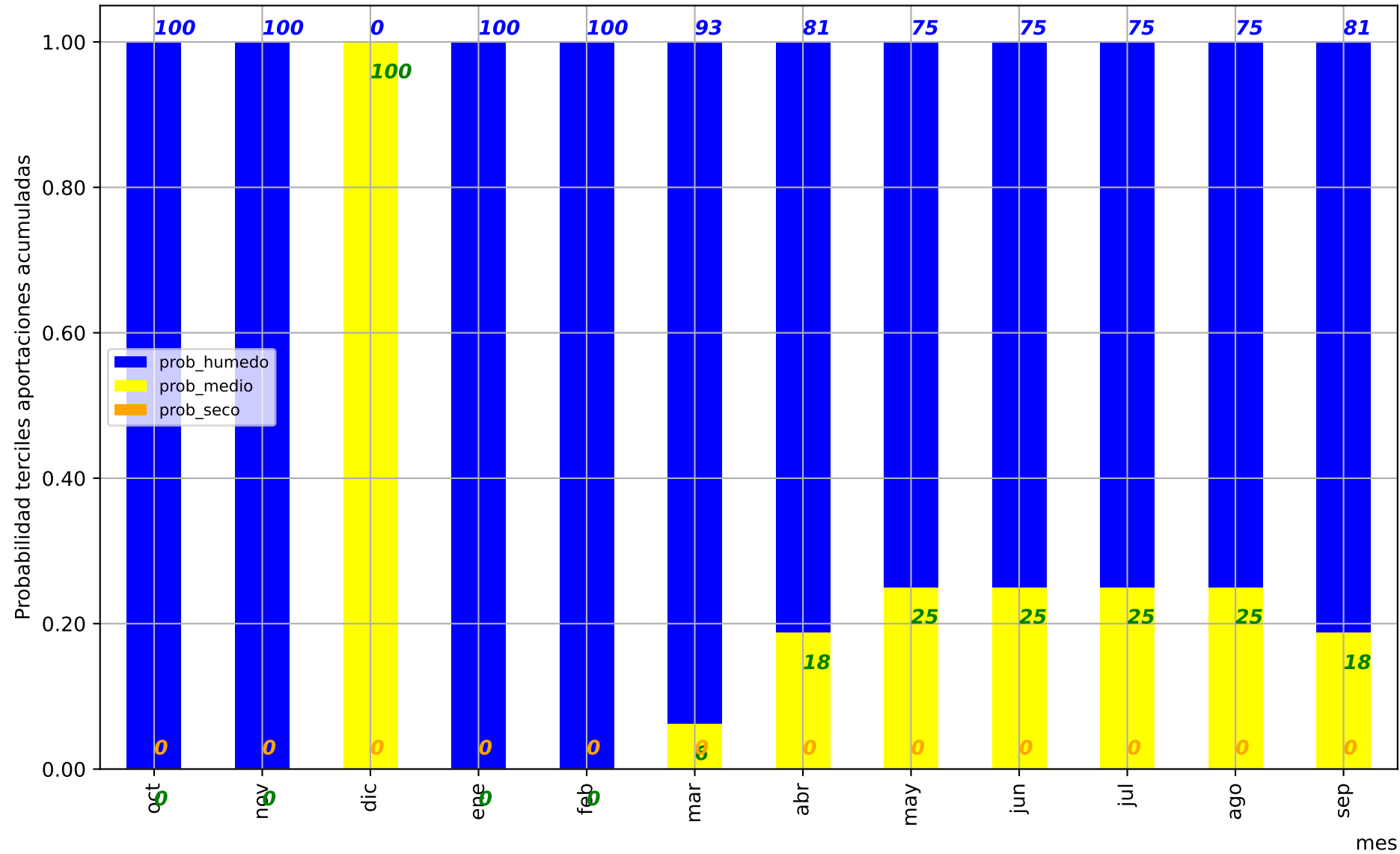


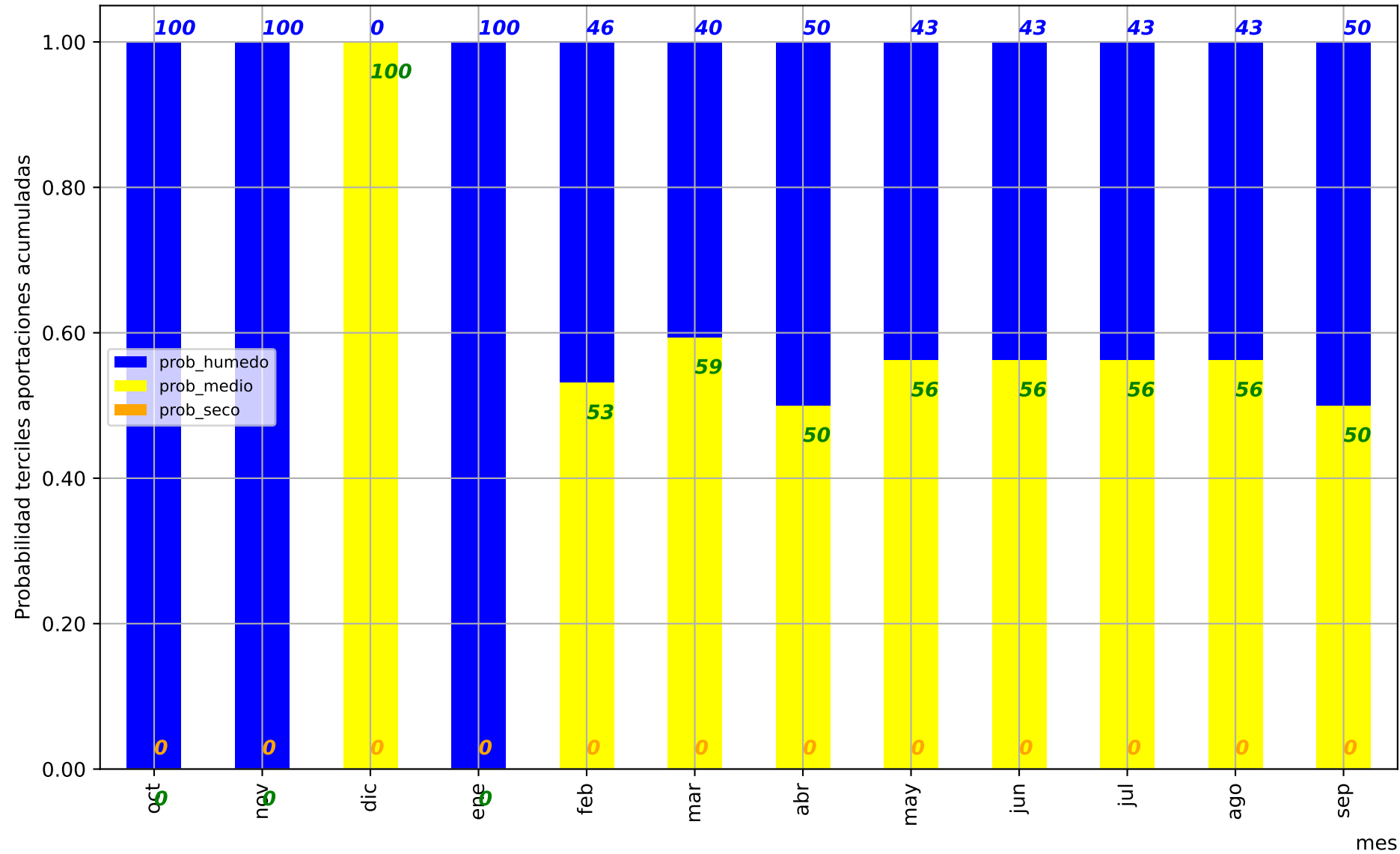


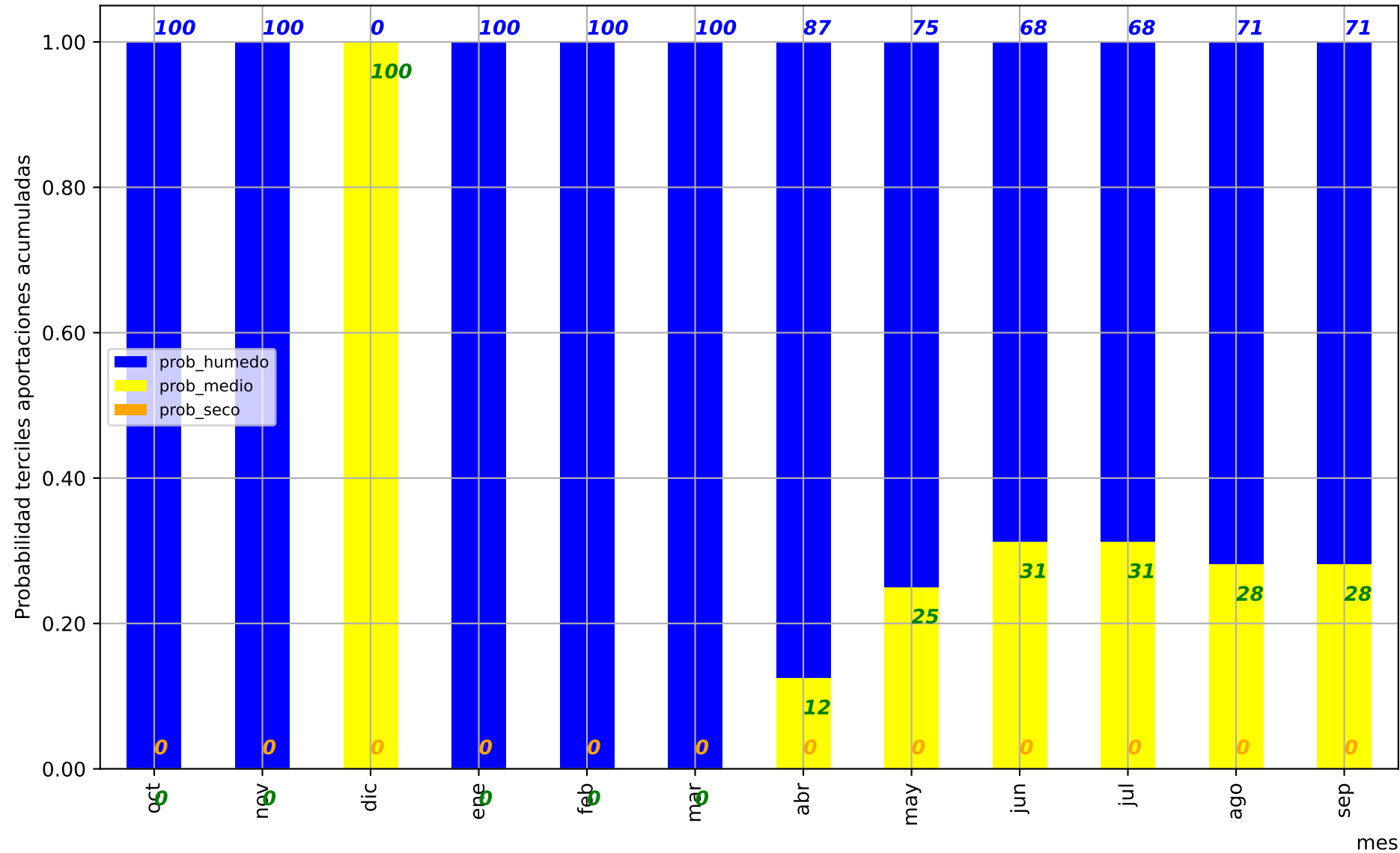


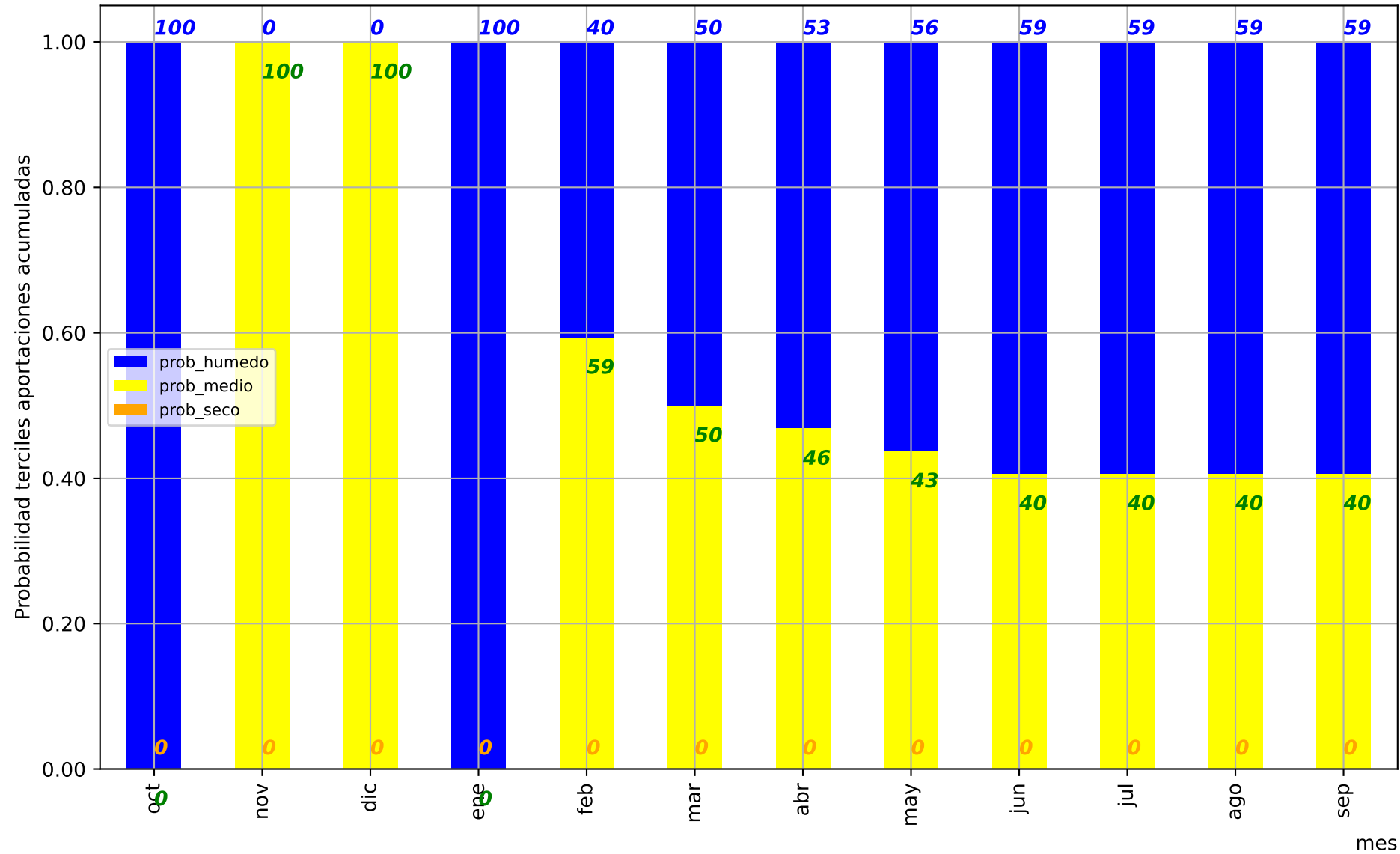


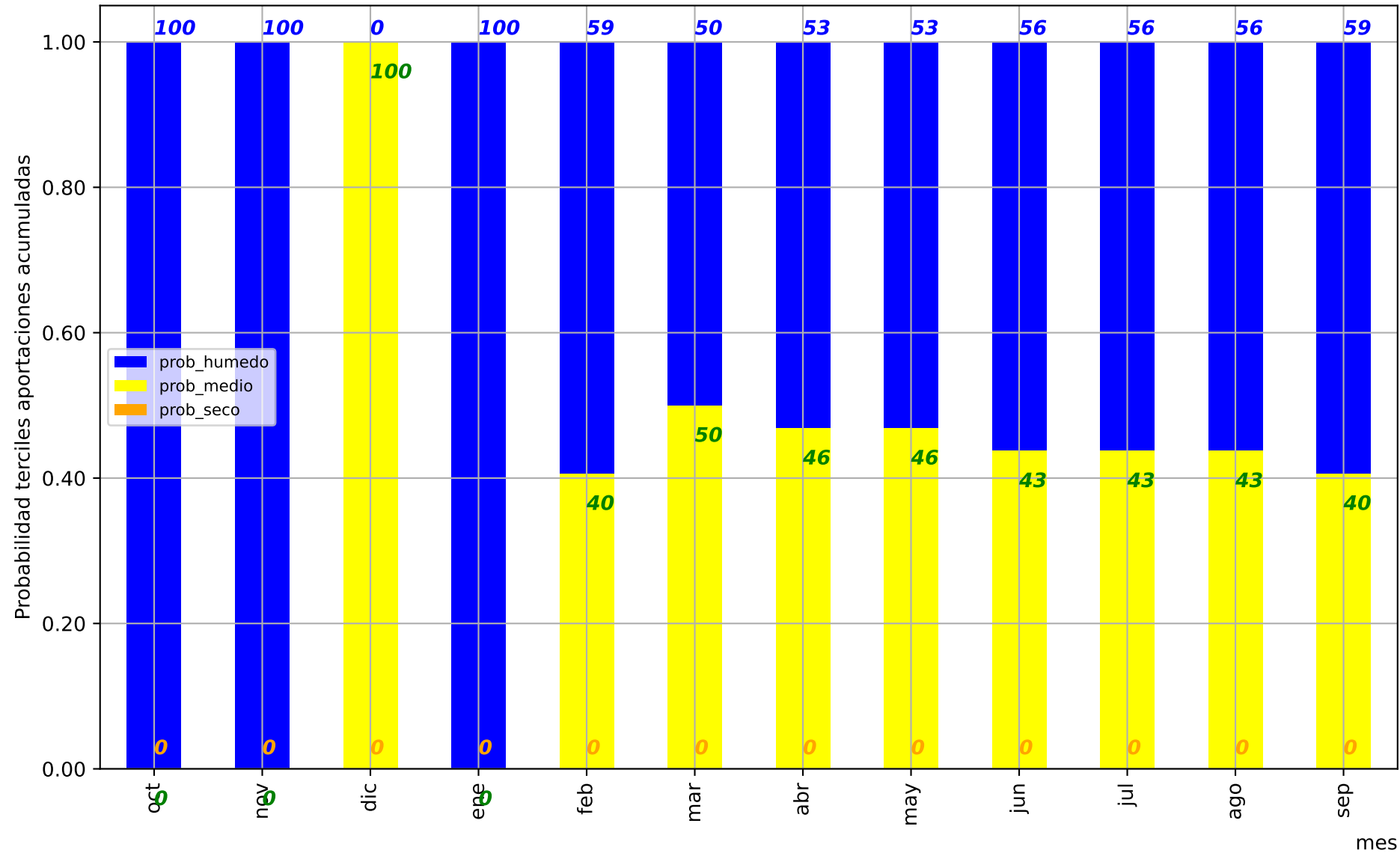


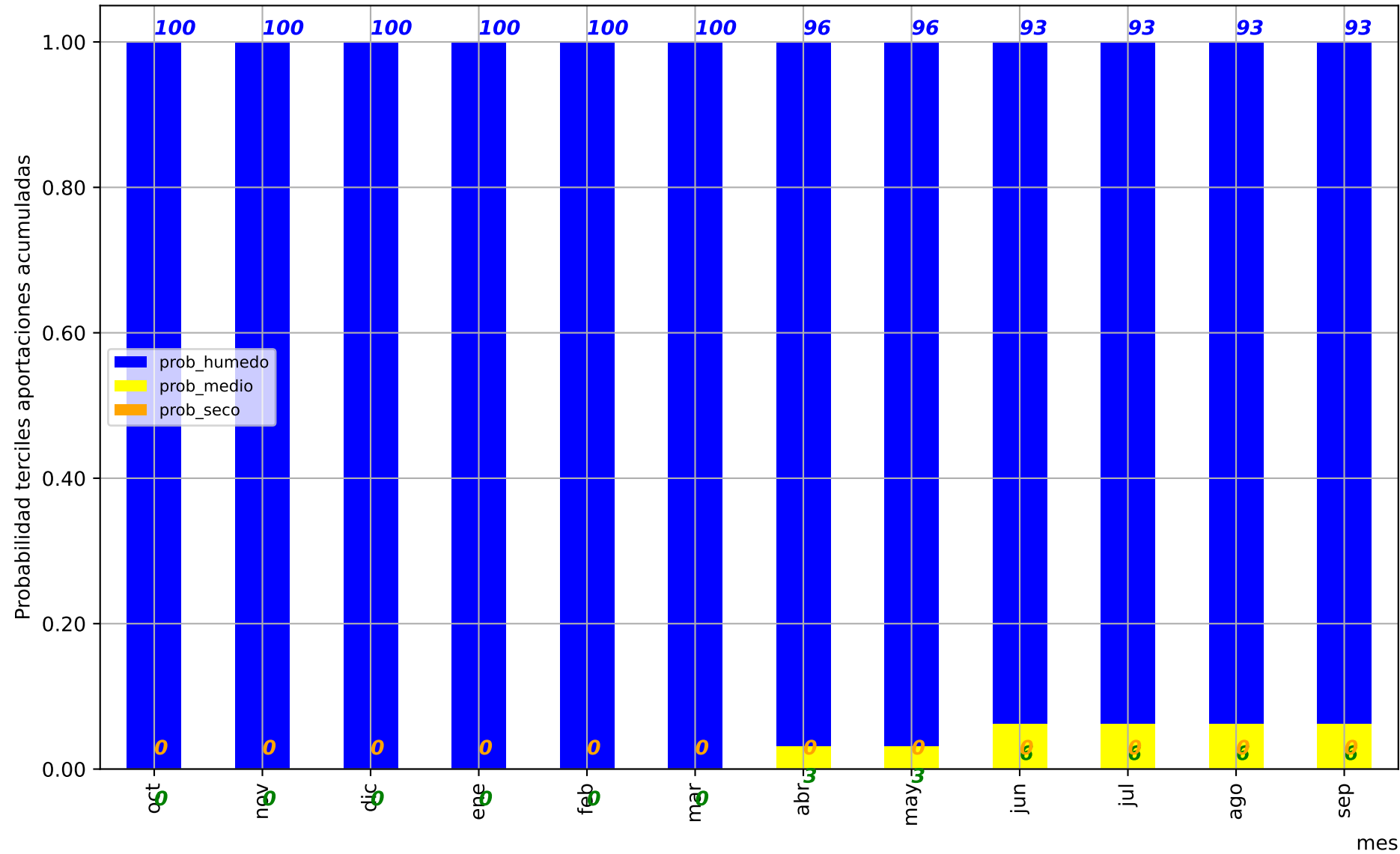


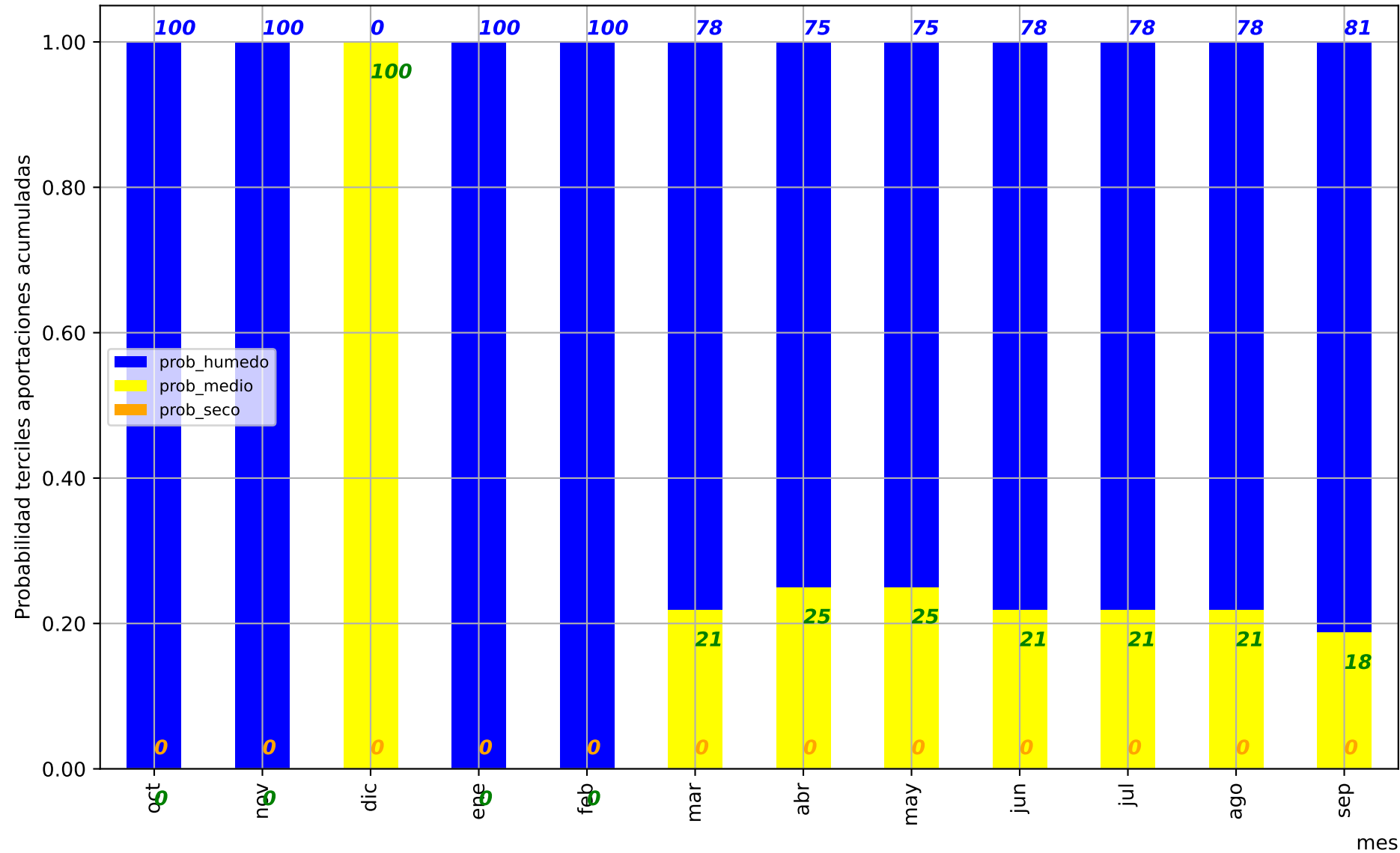


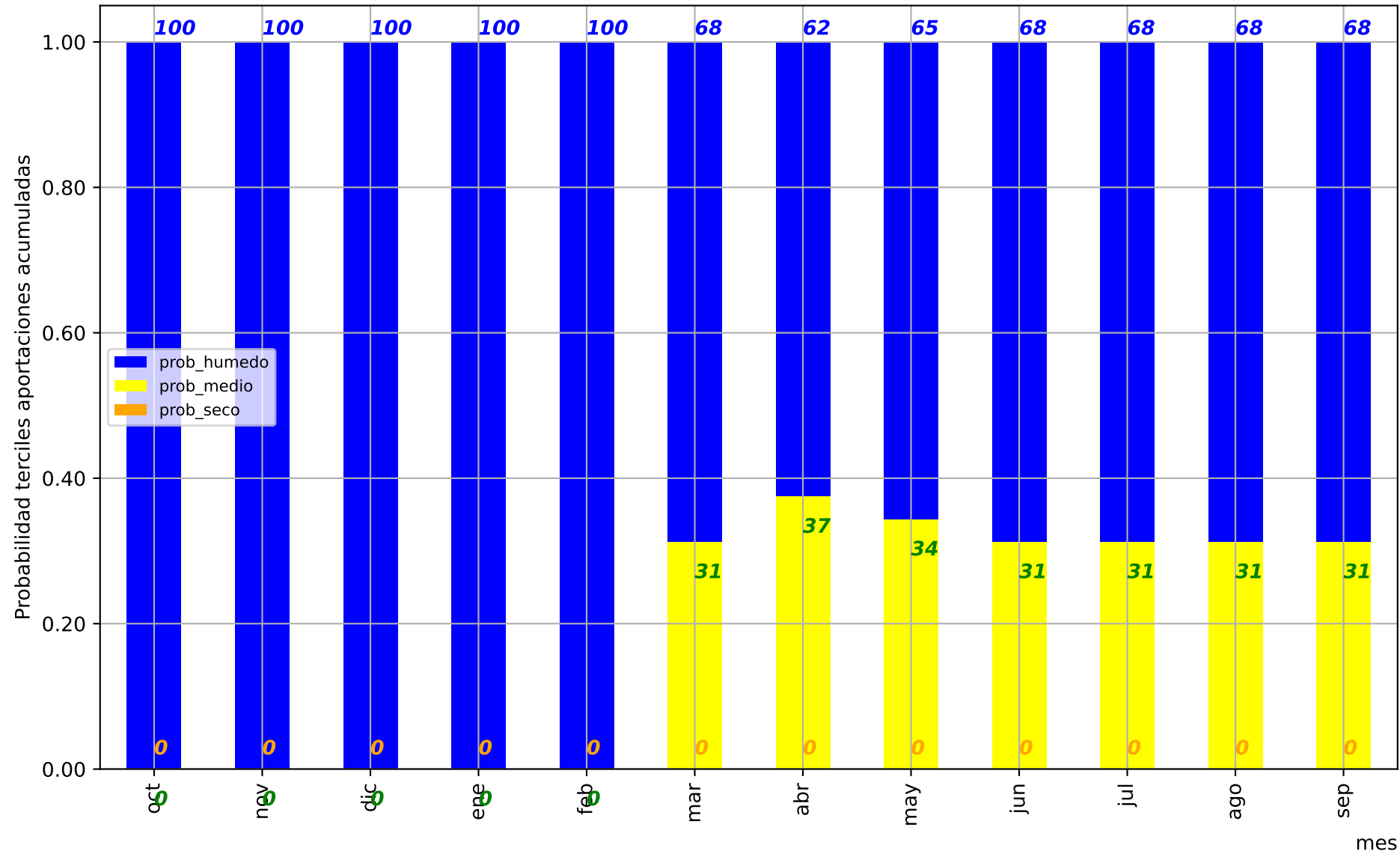


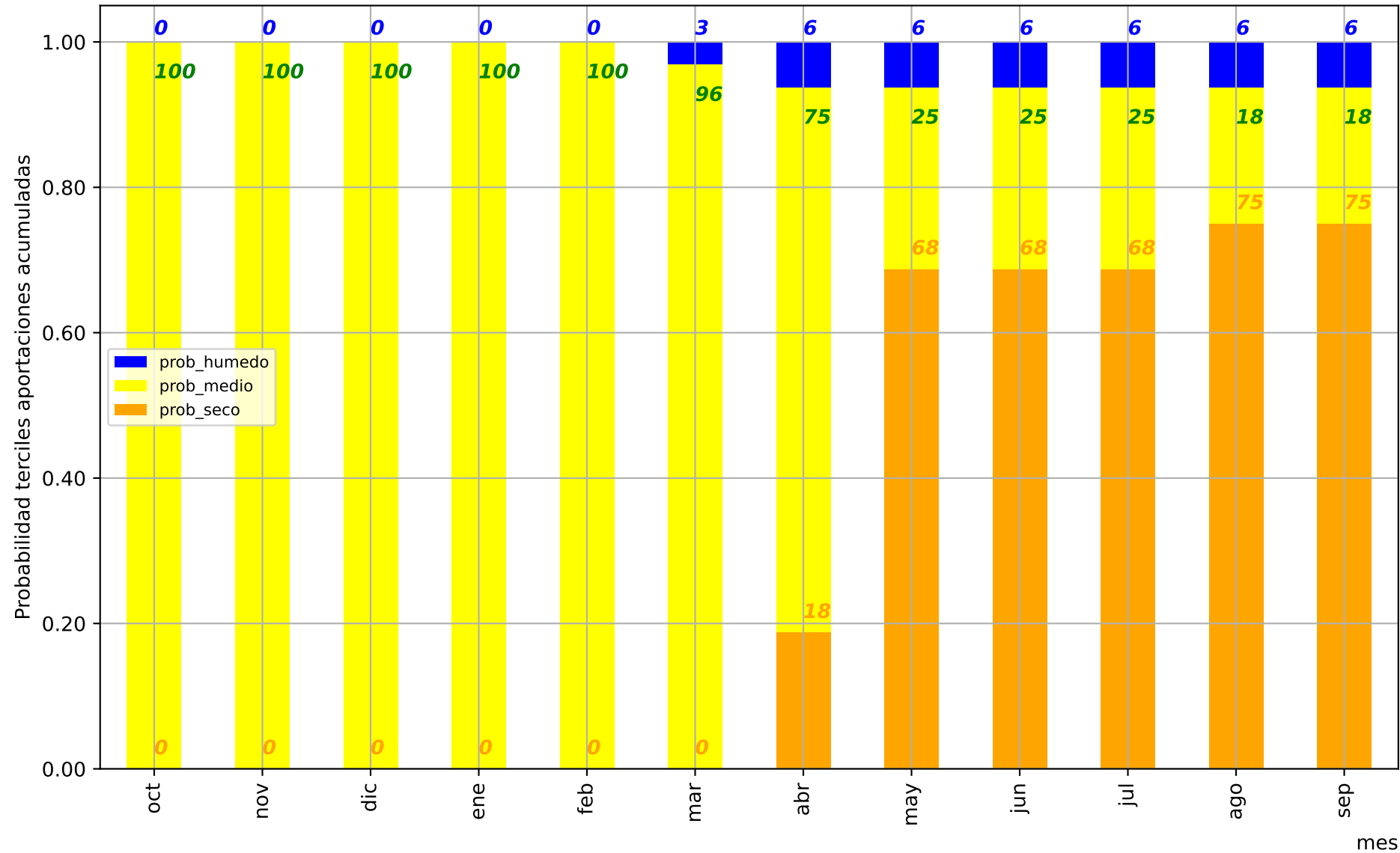


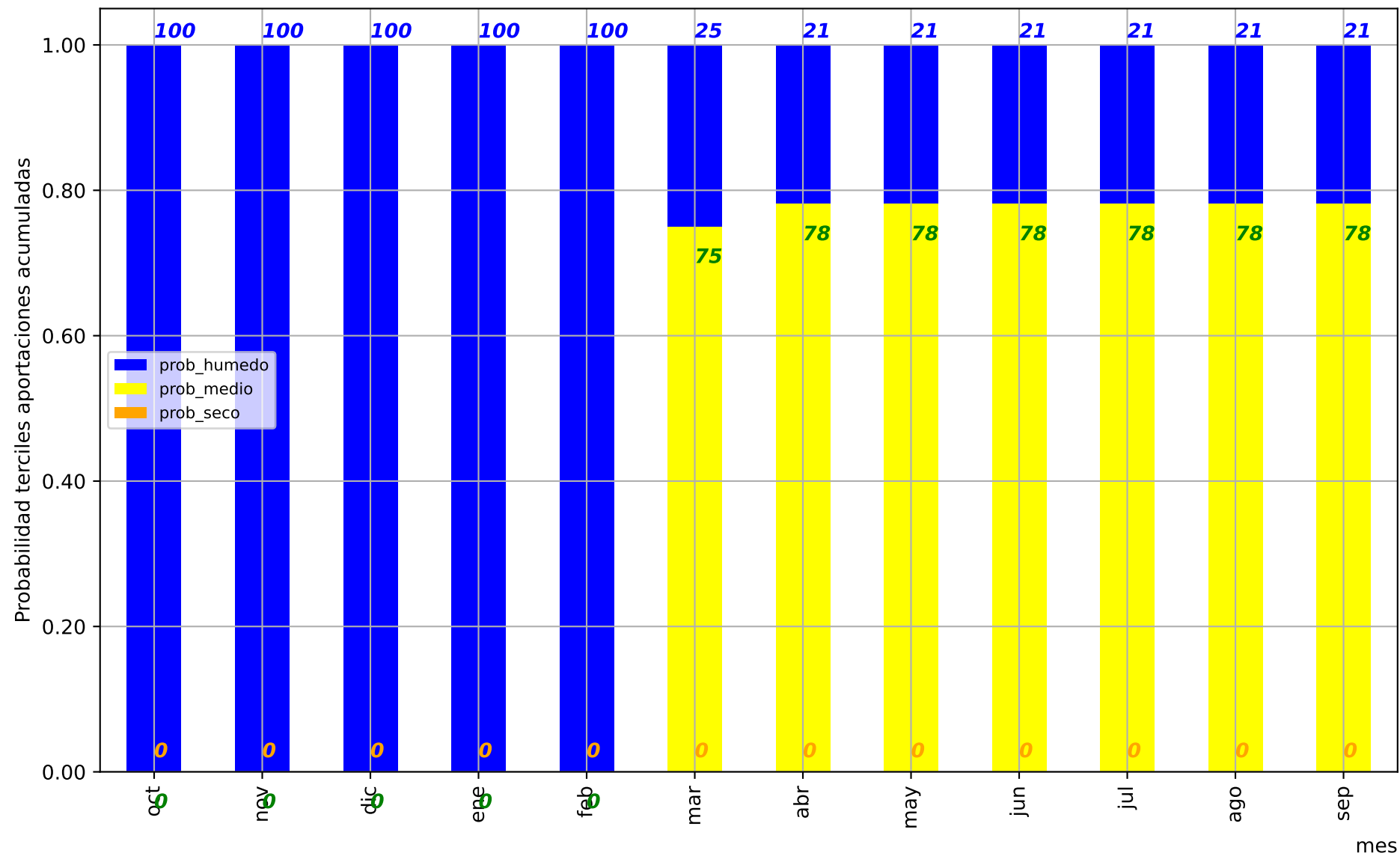


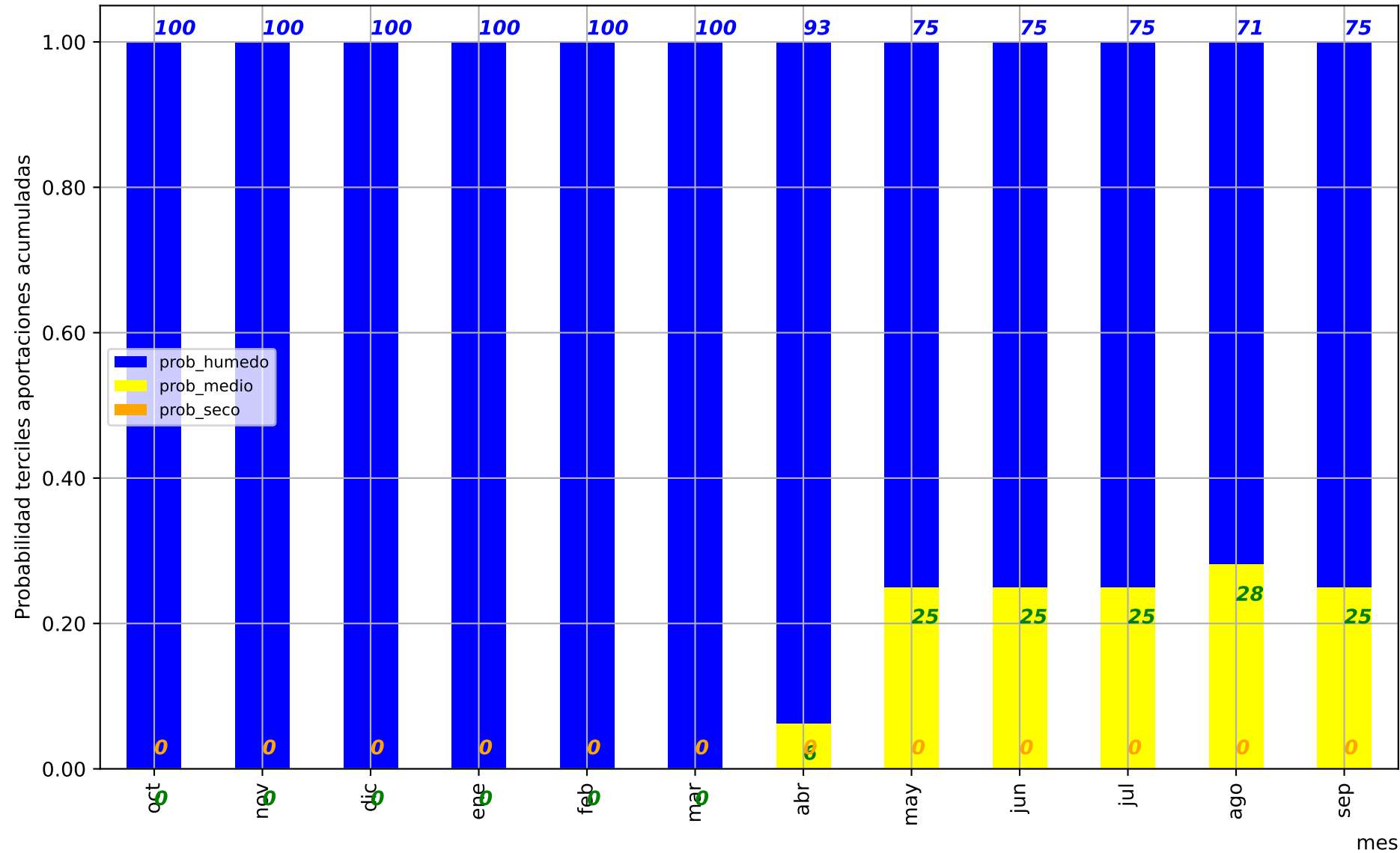


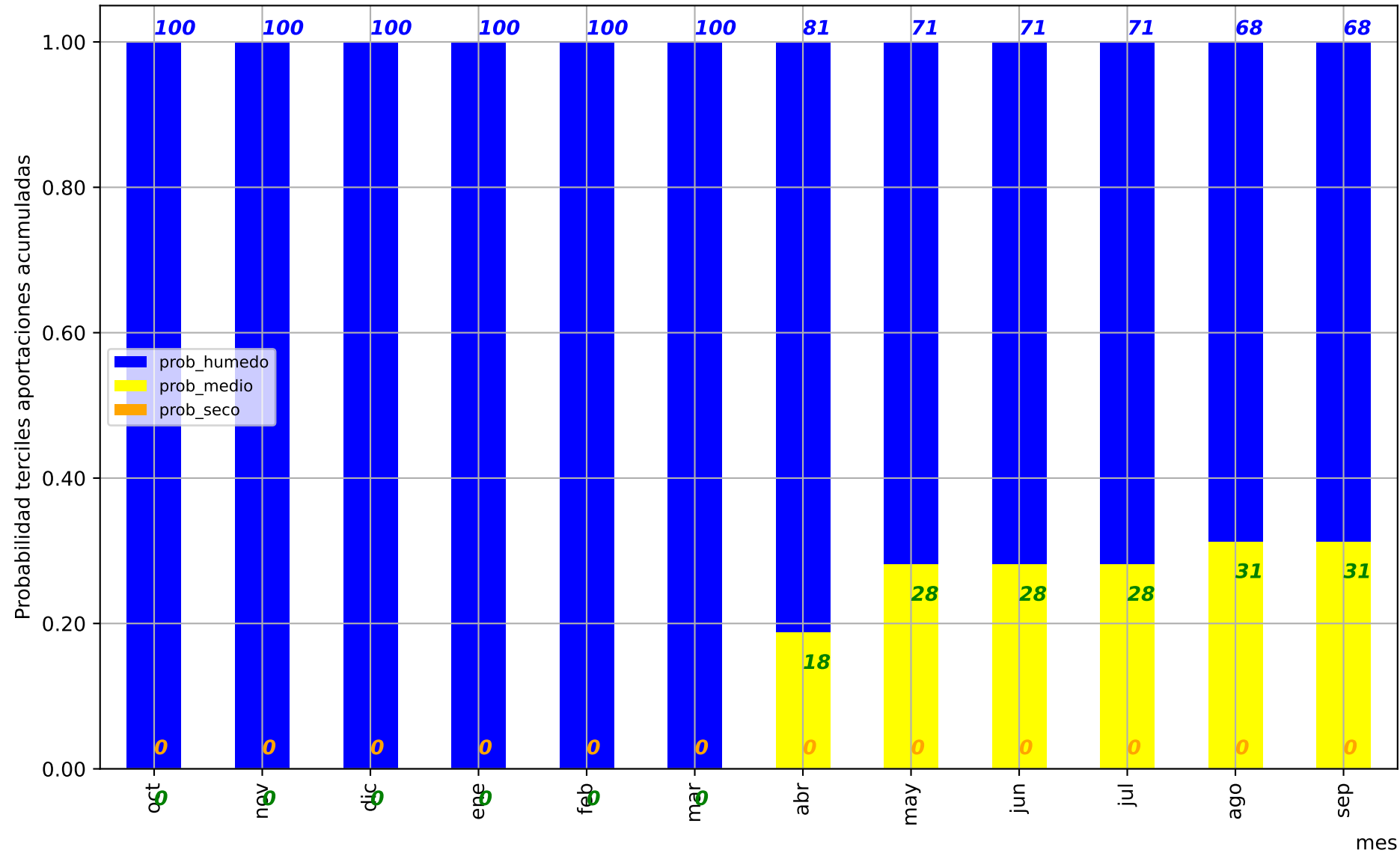


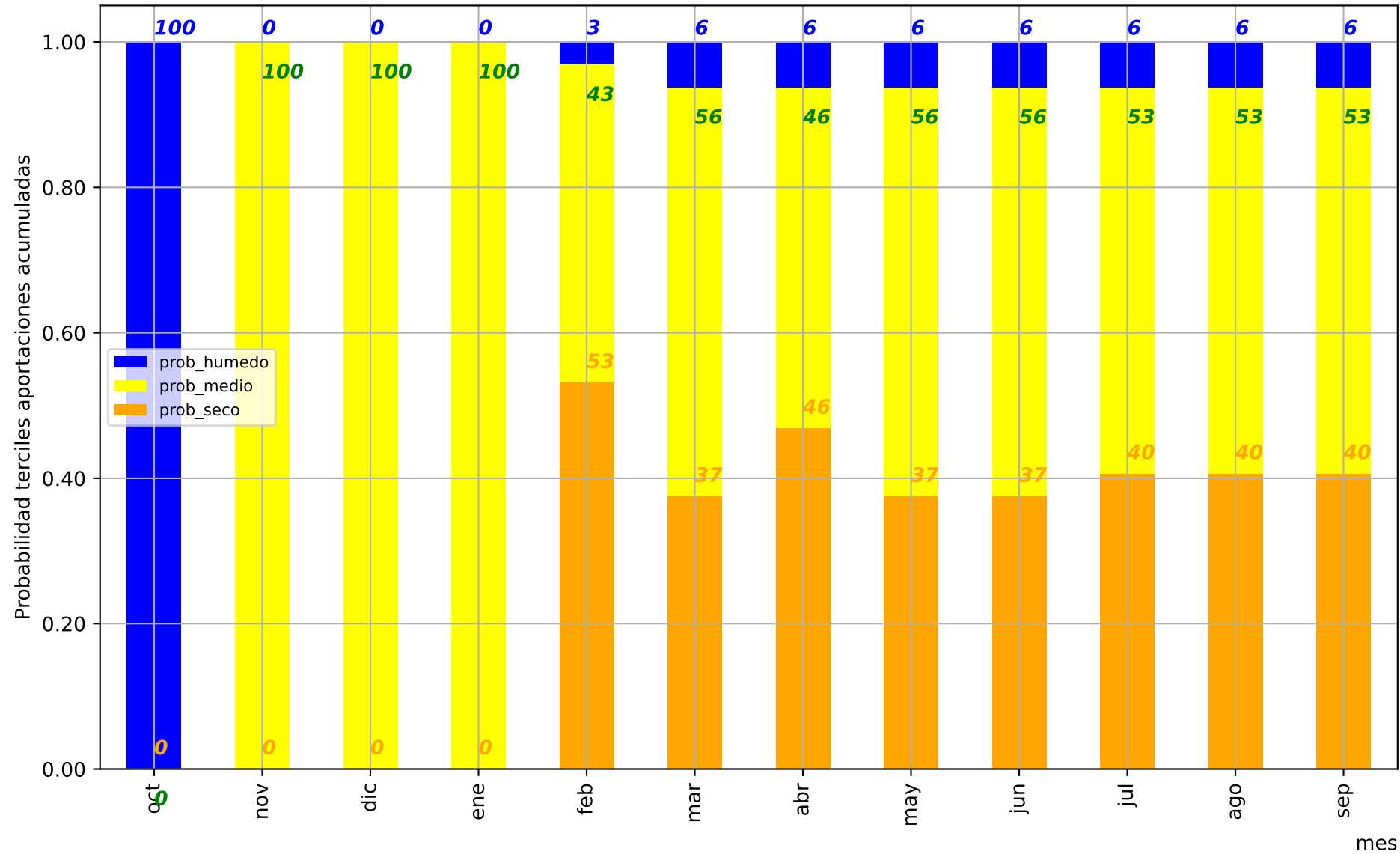


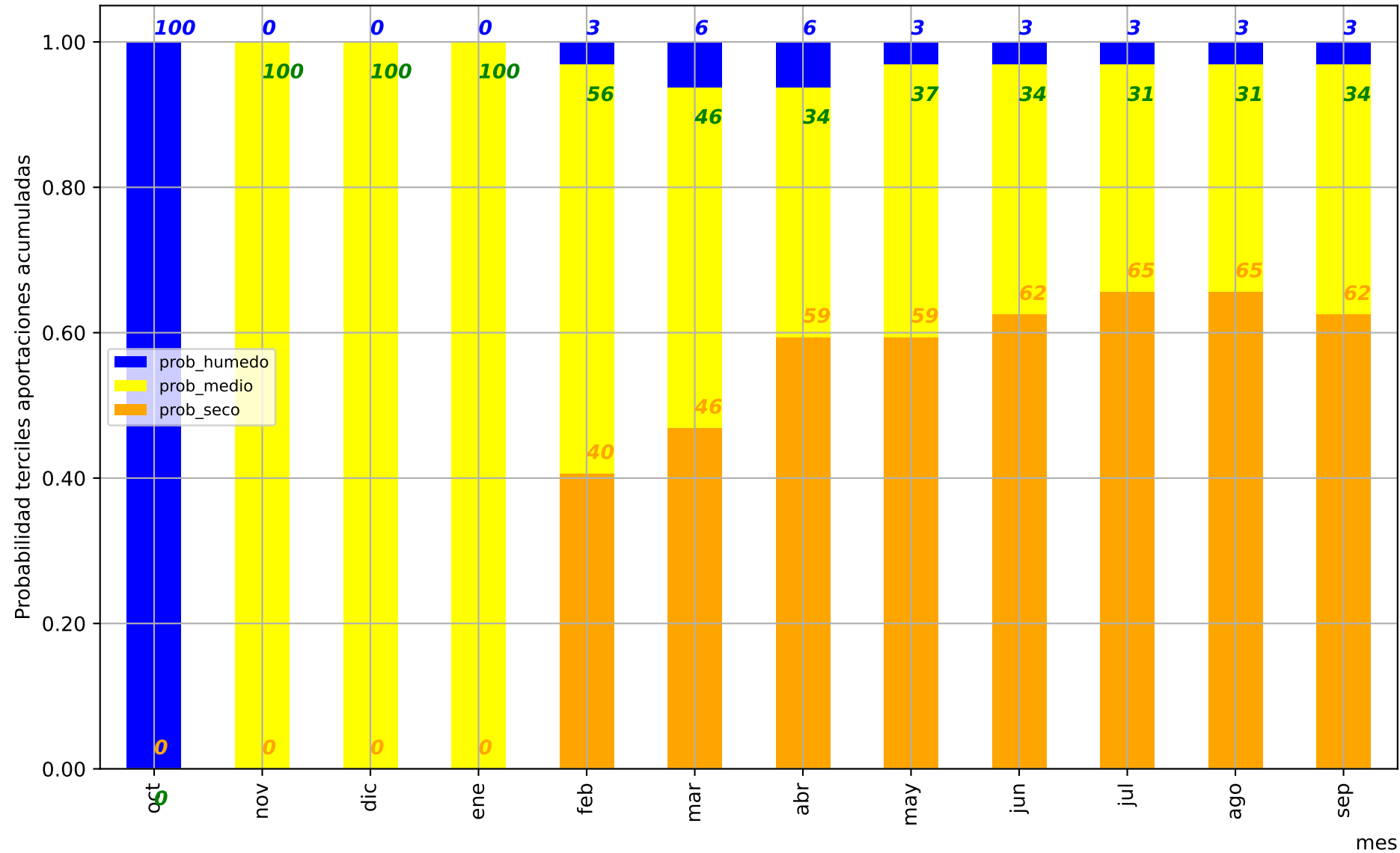


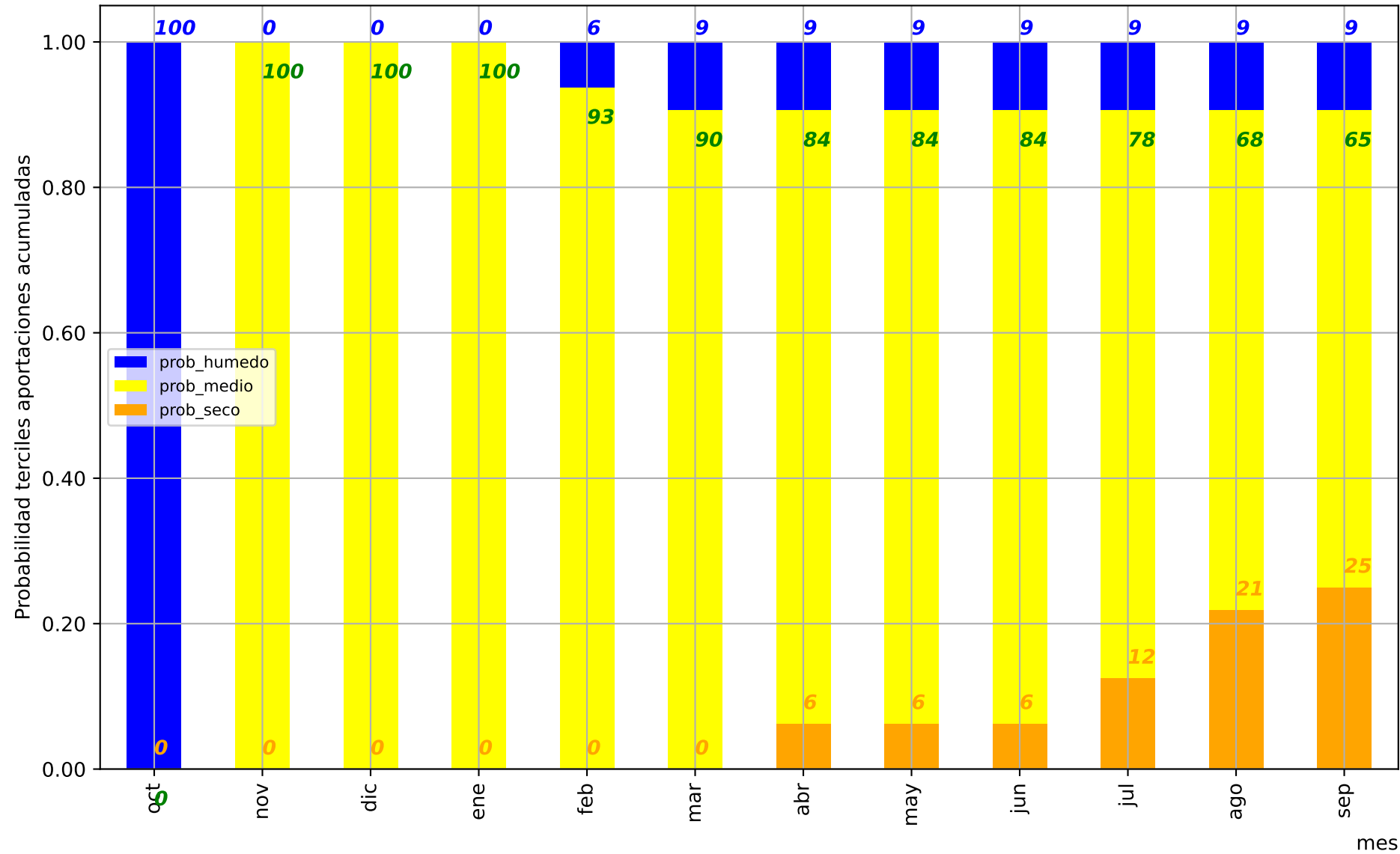


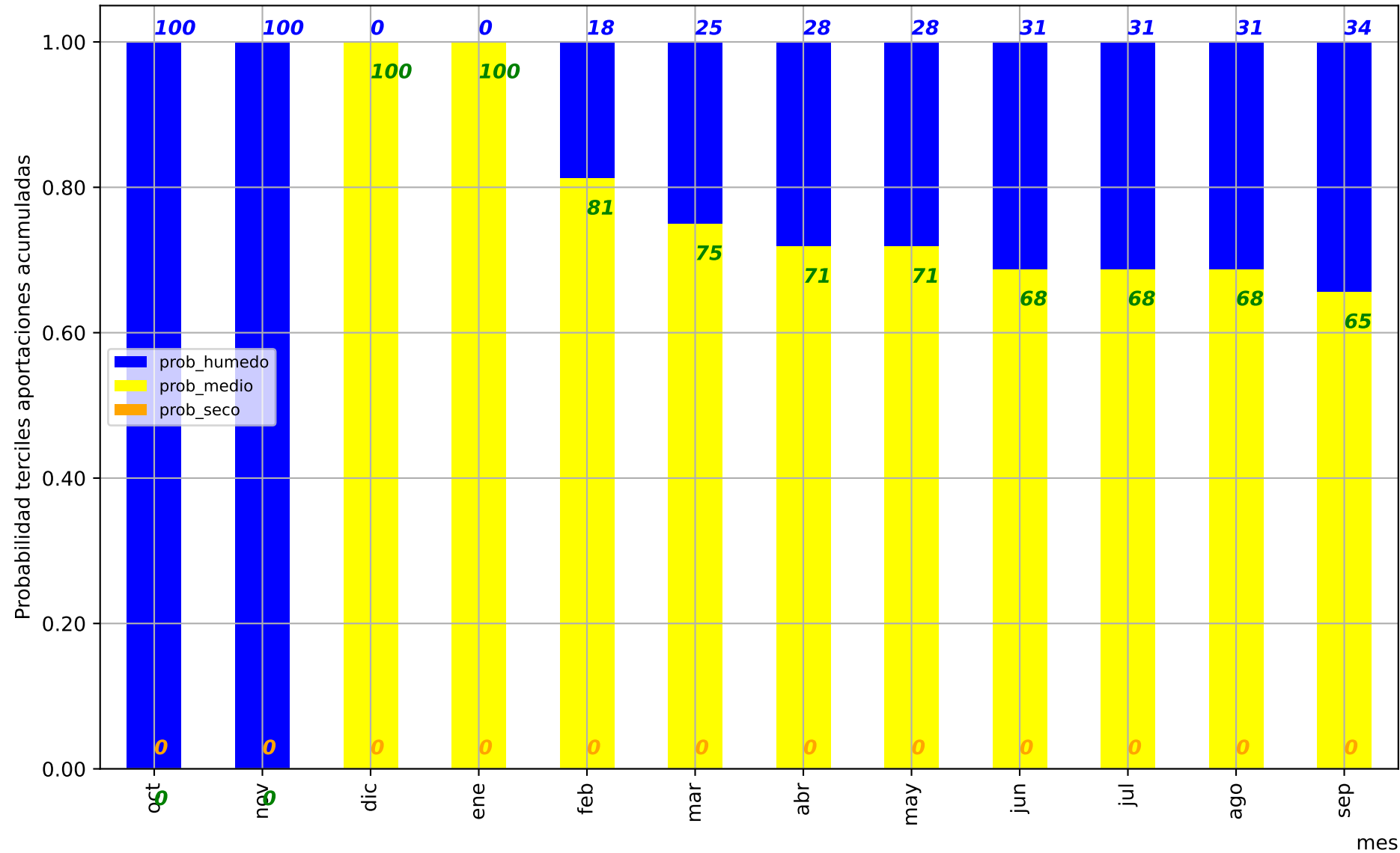


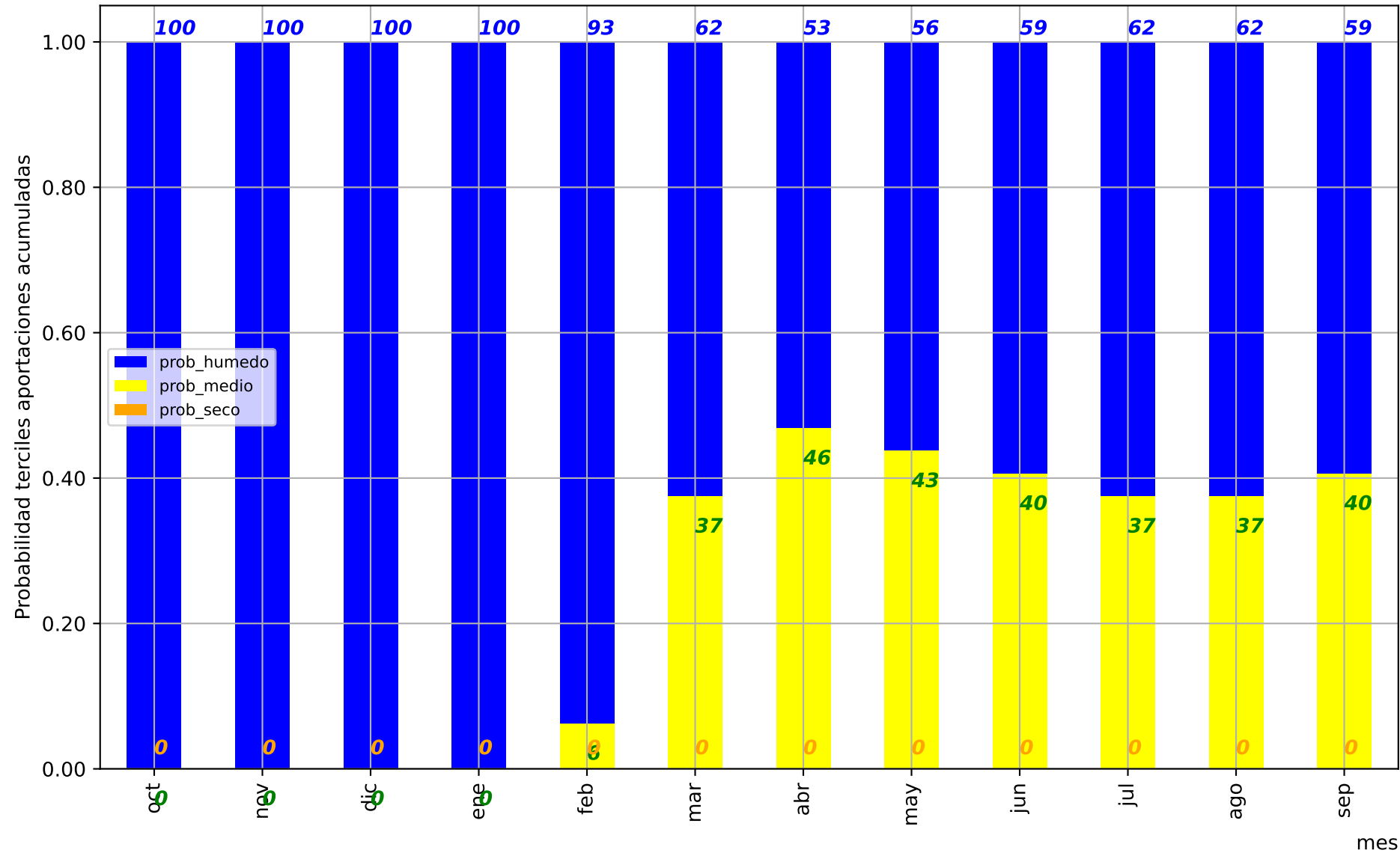


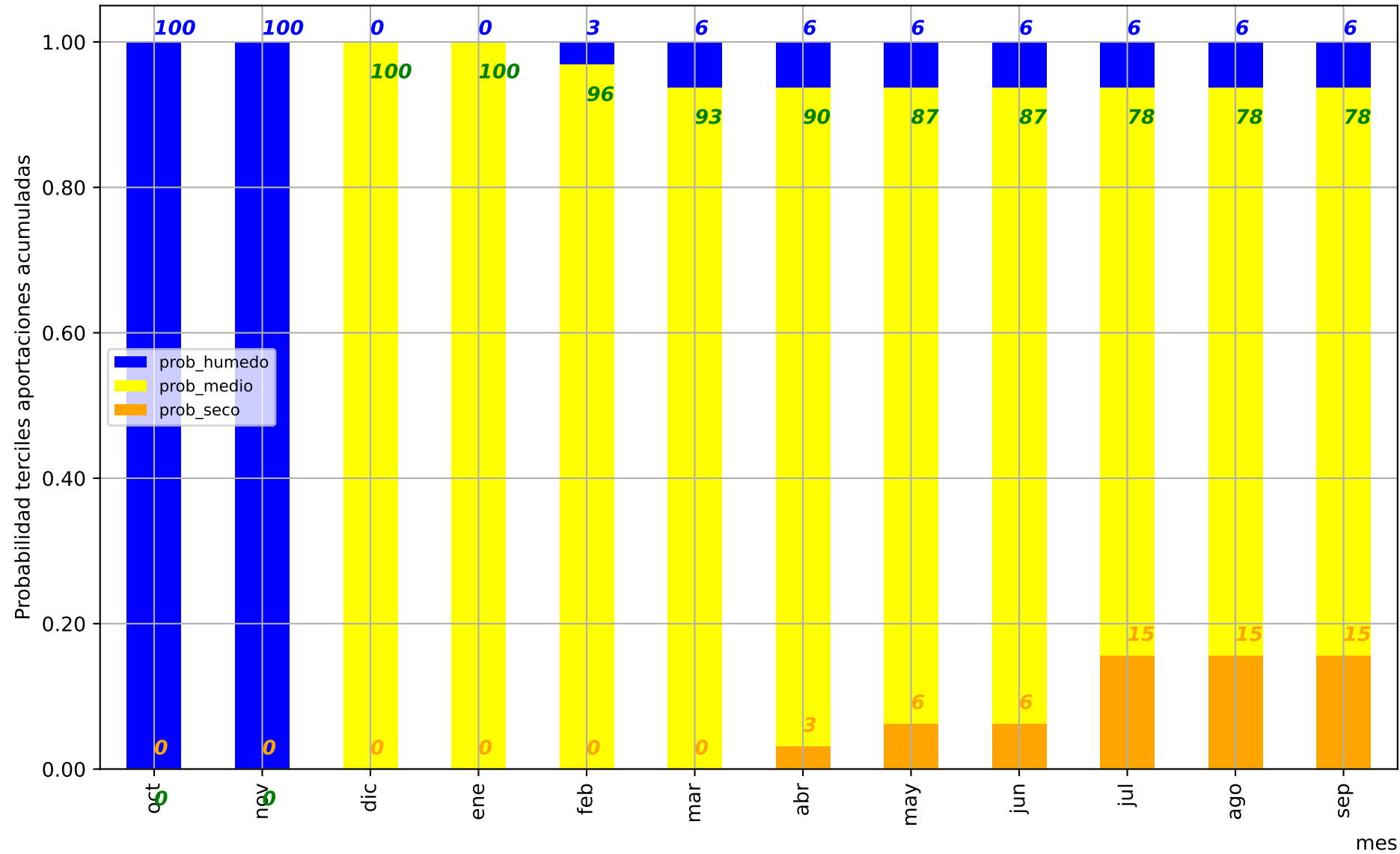


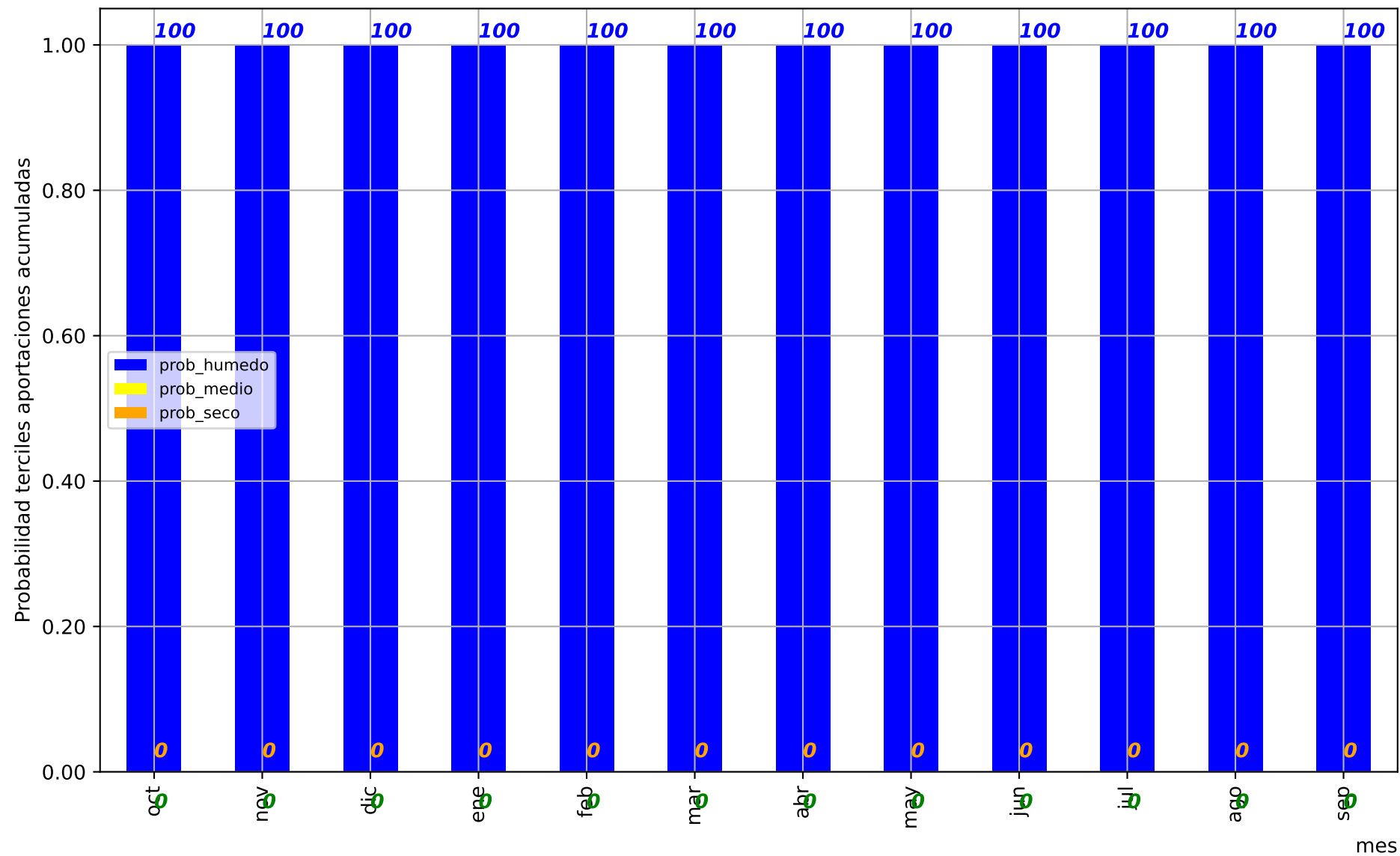


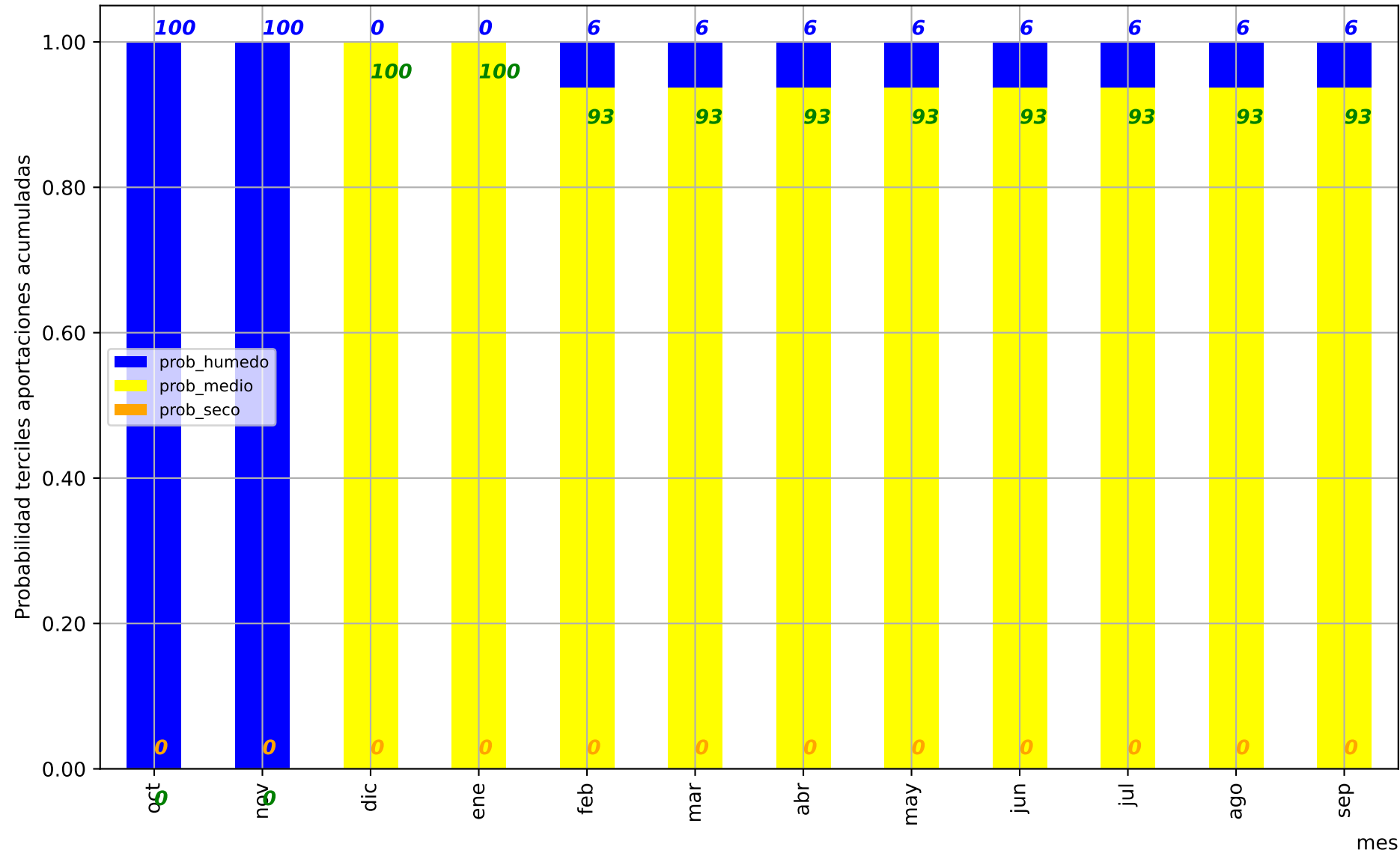


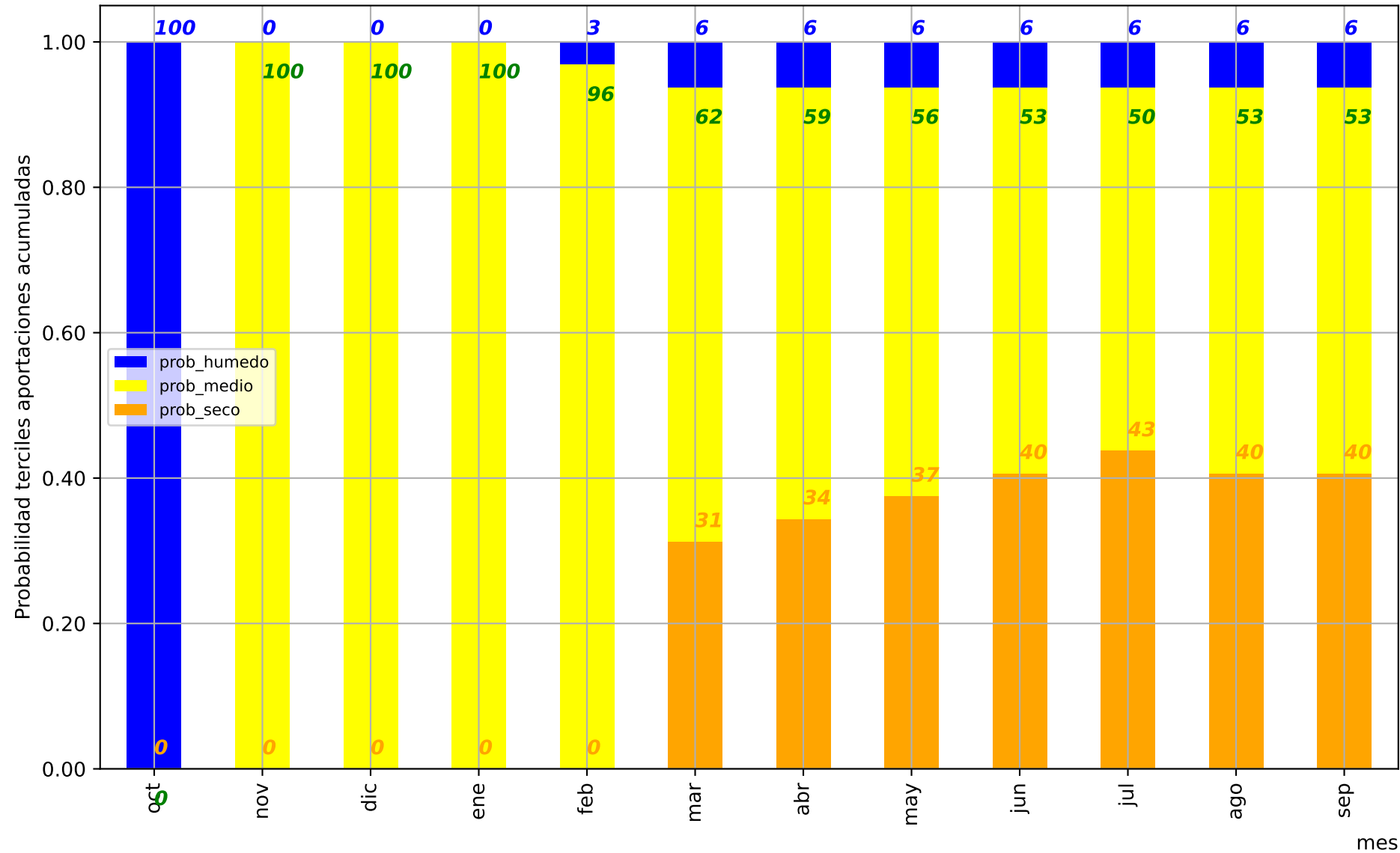


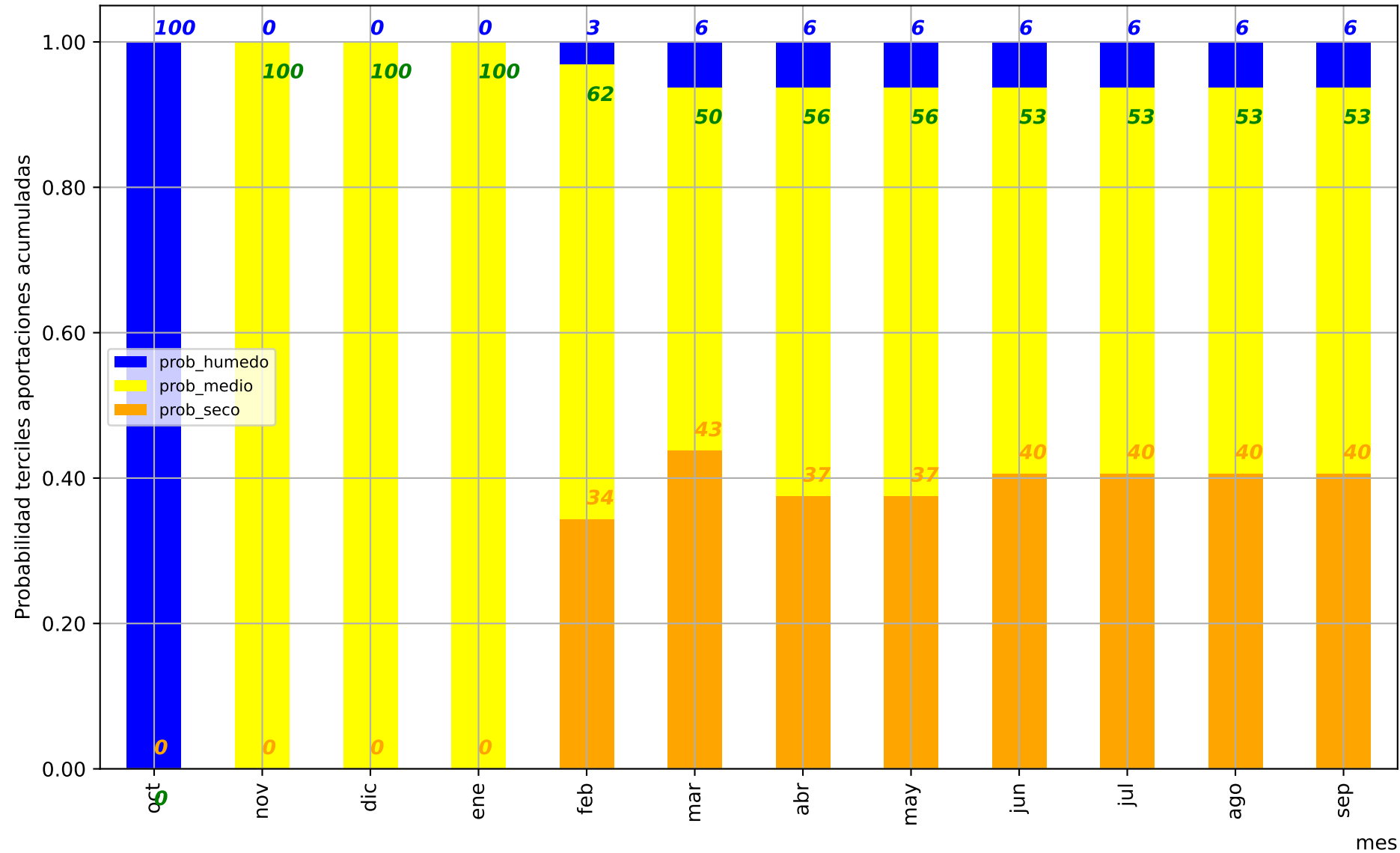






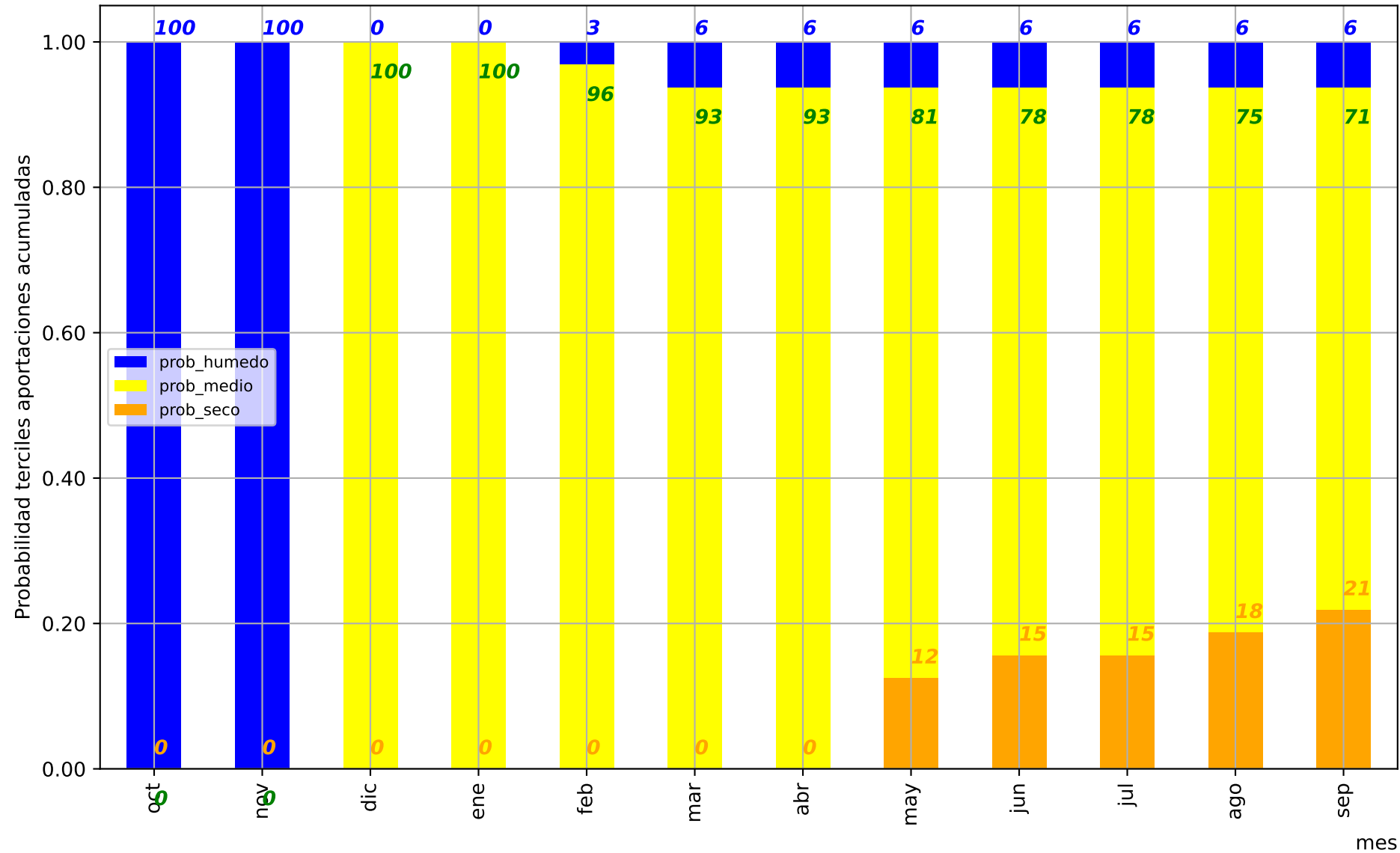


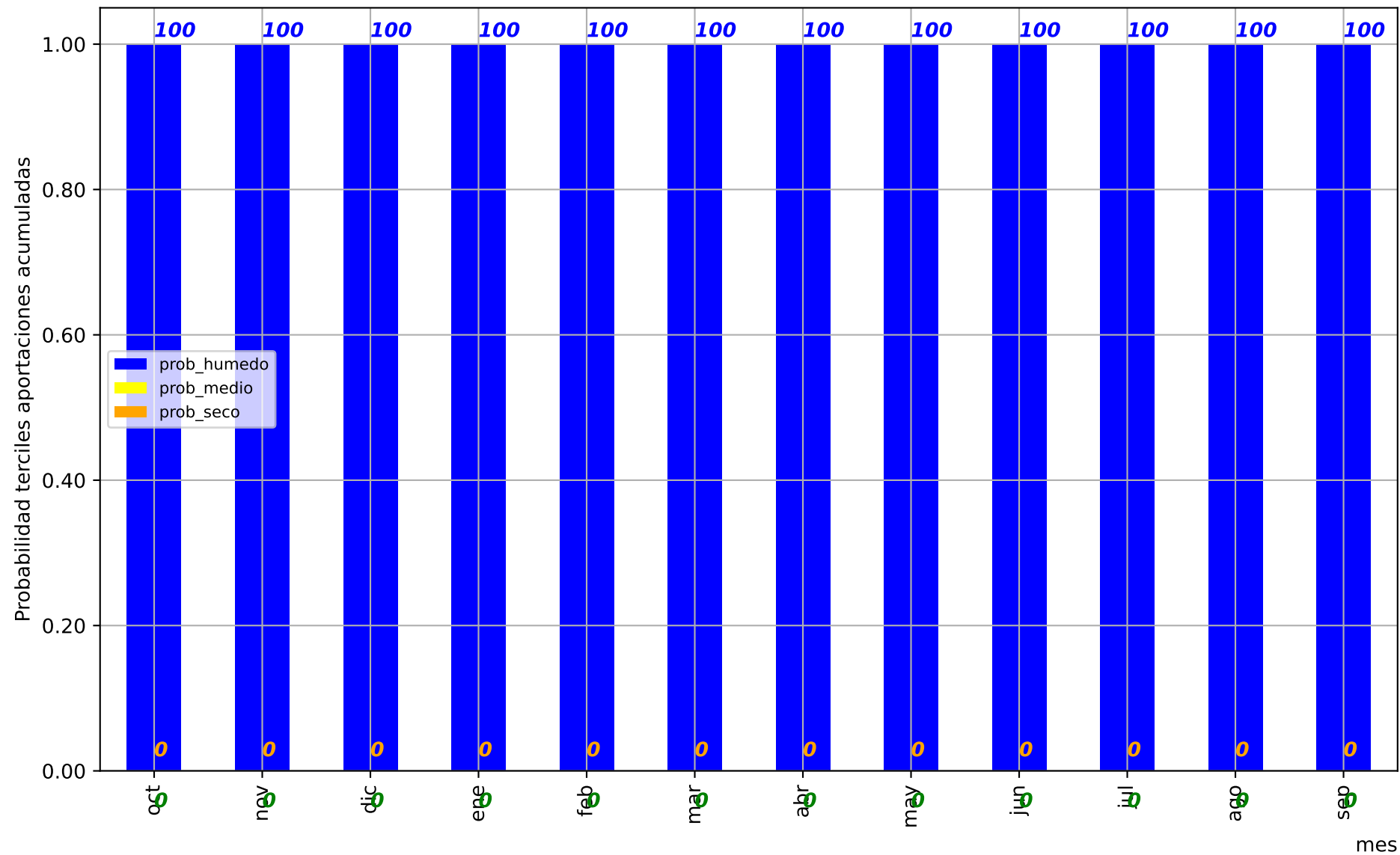


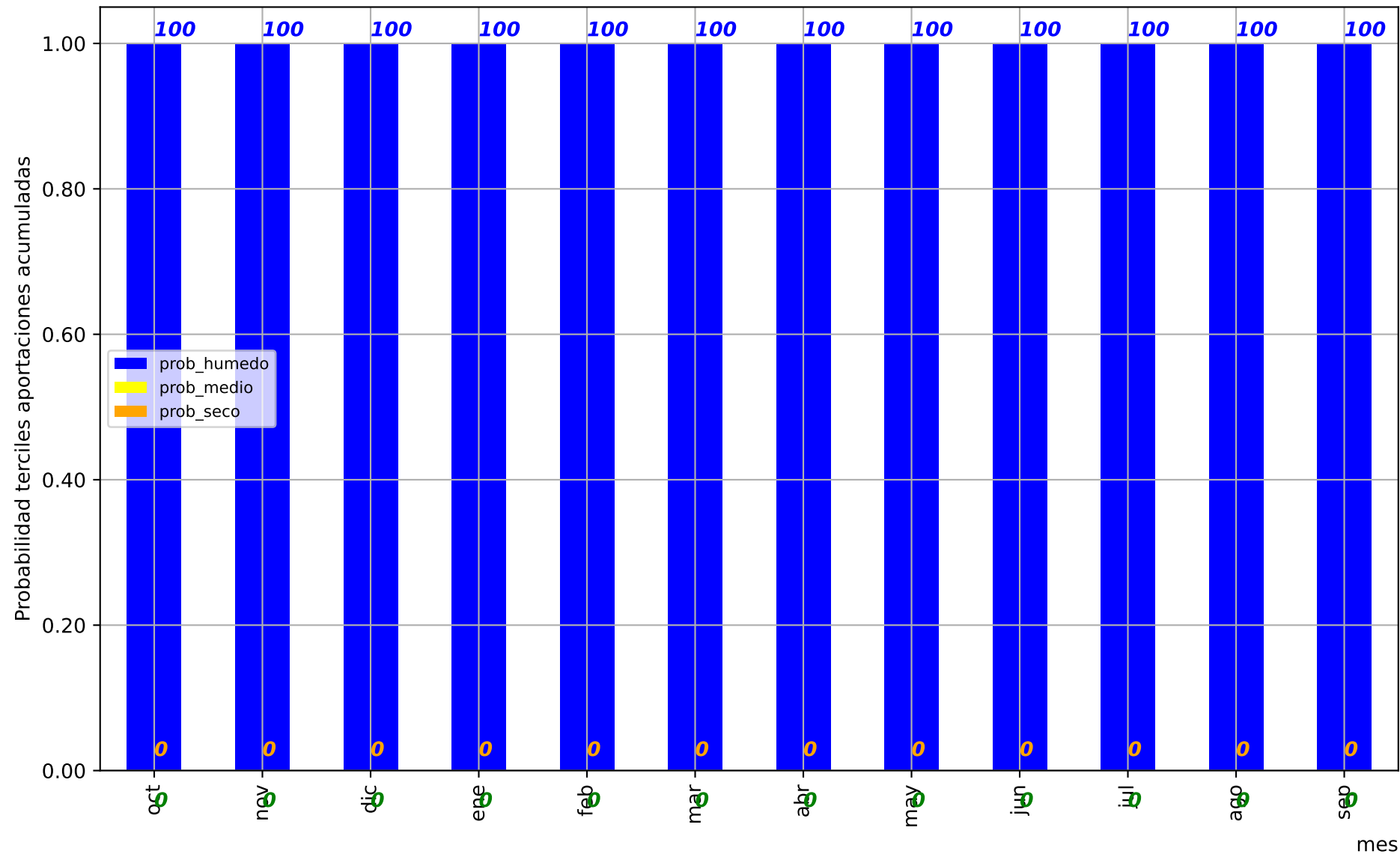


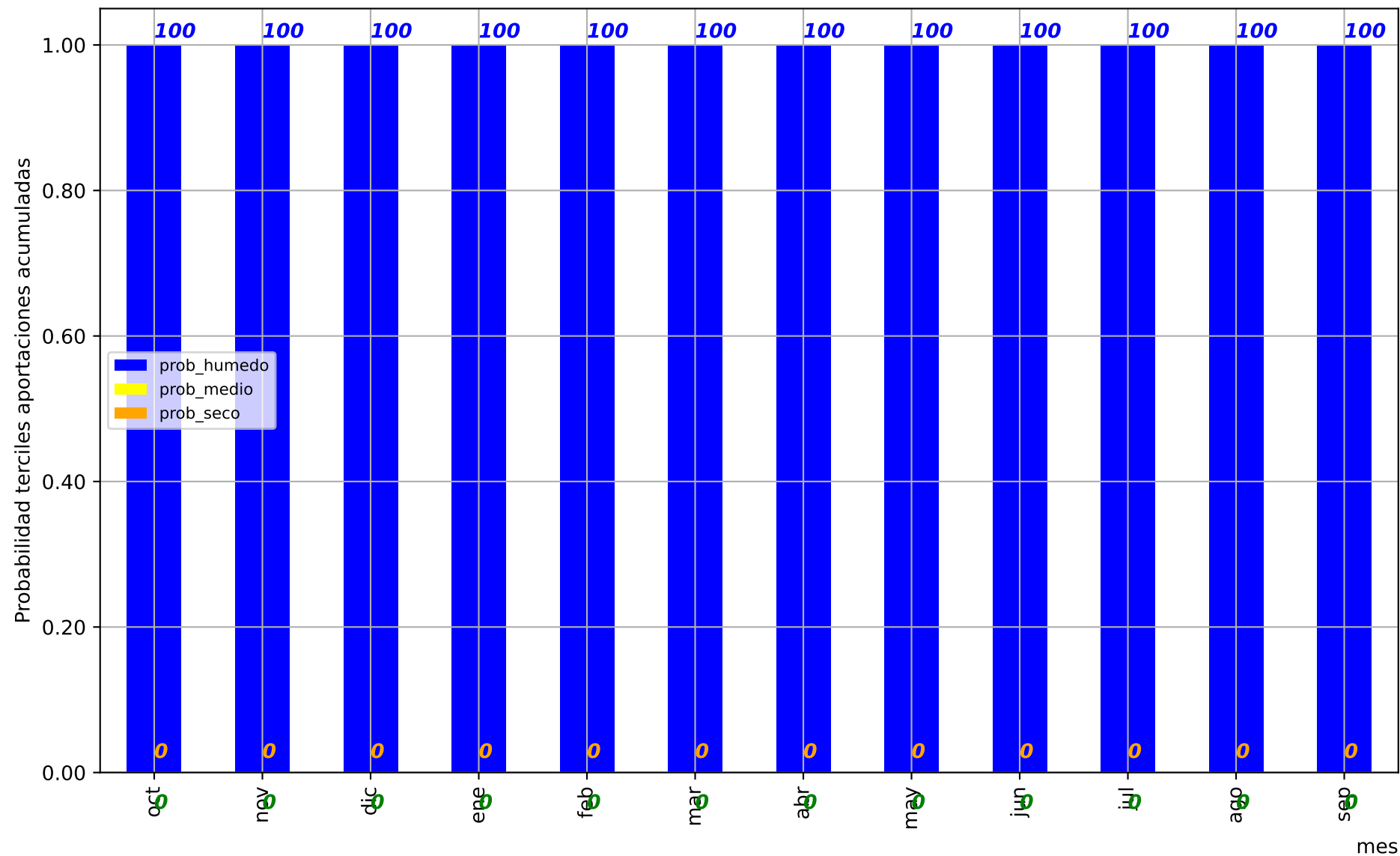
Predicción cuenca del:

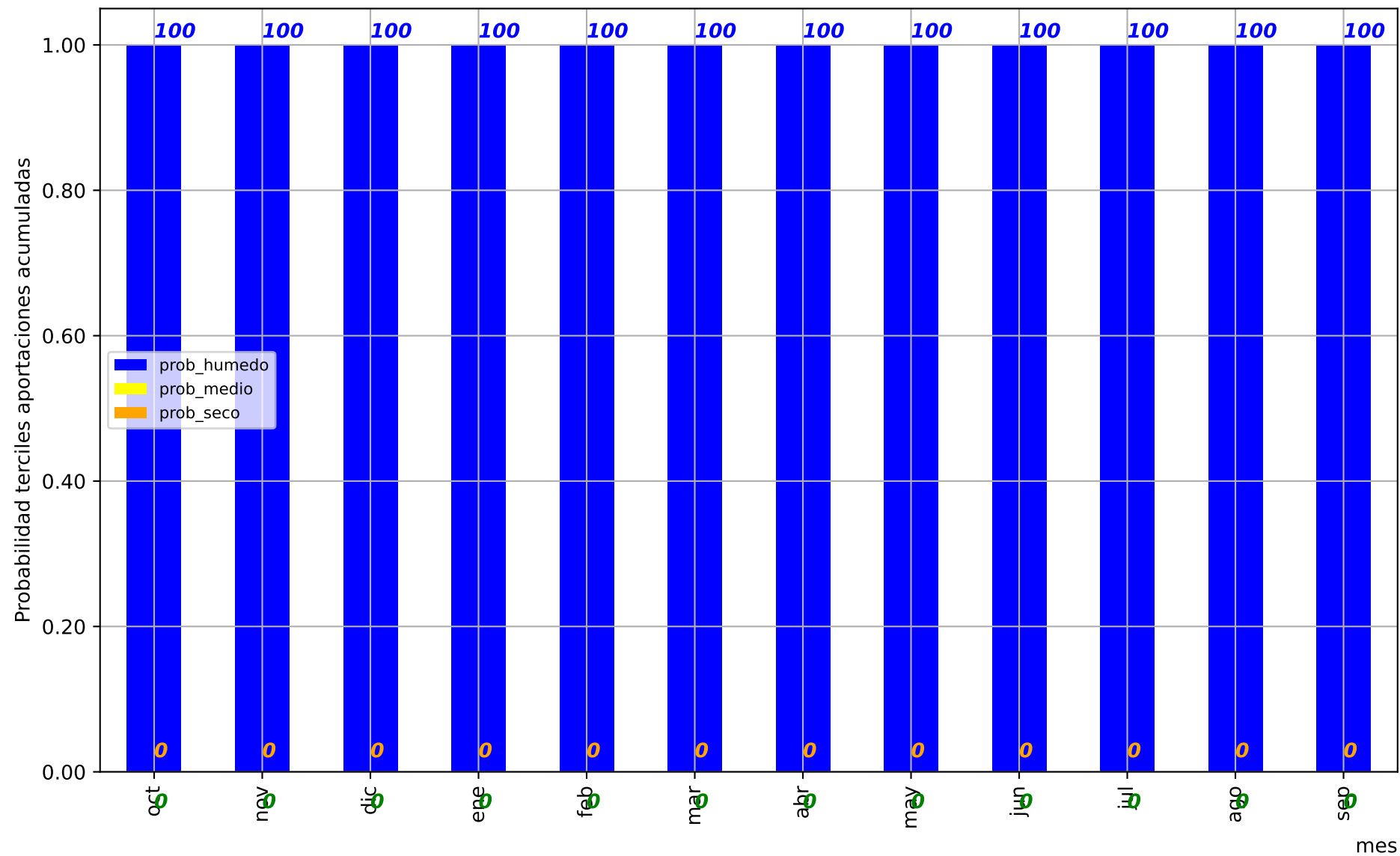
Río Genil completo (Presa del Judío)

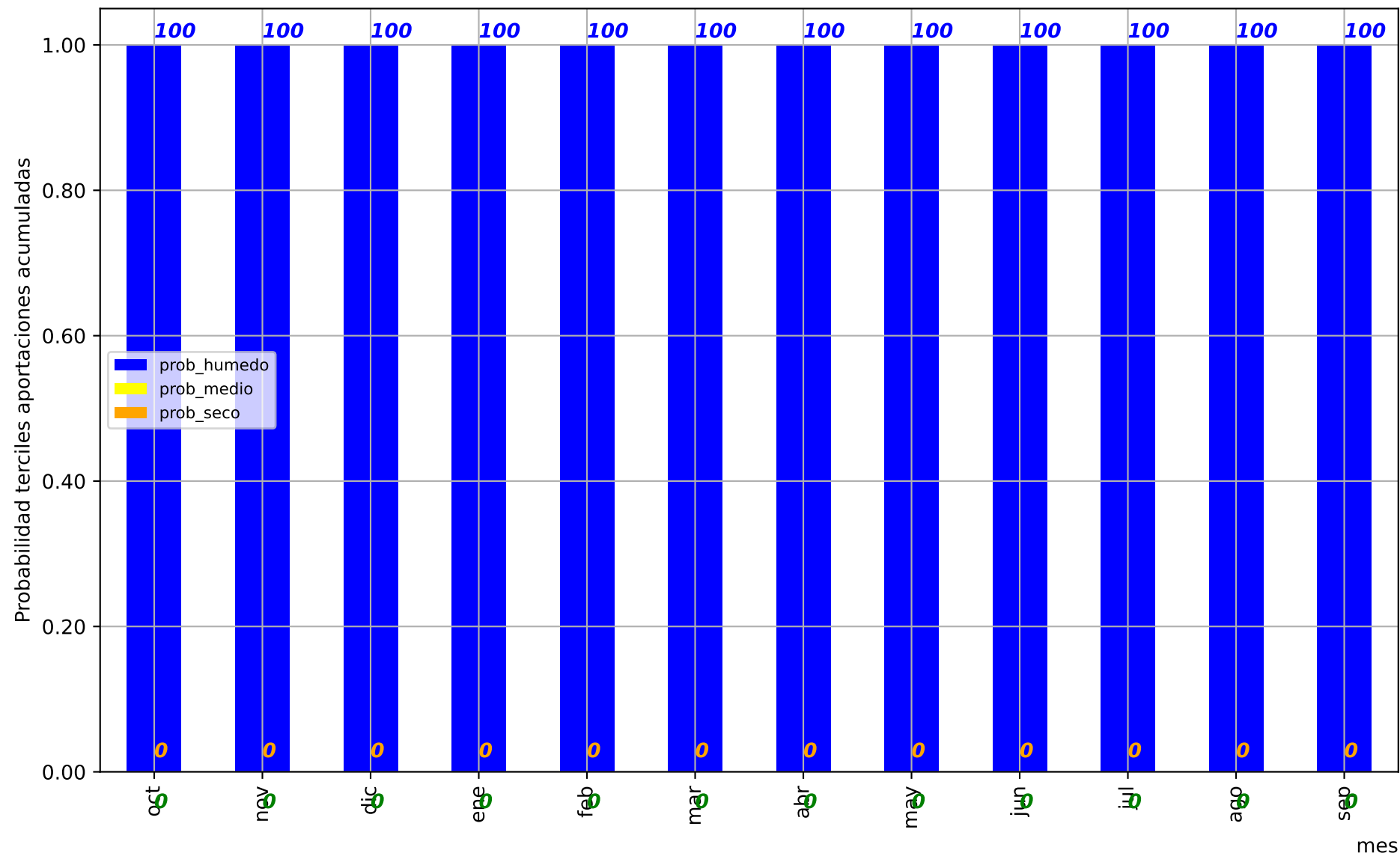


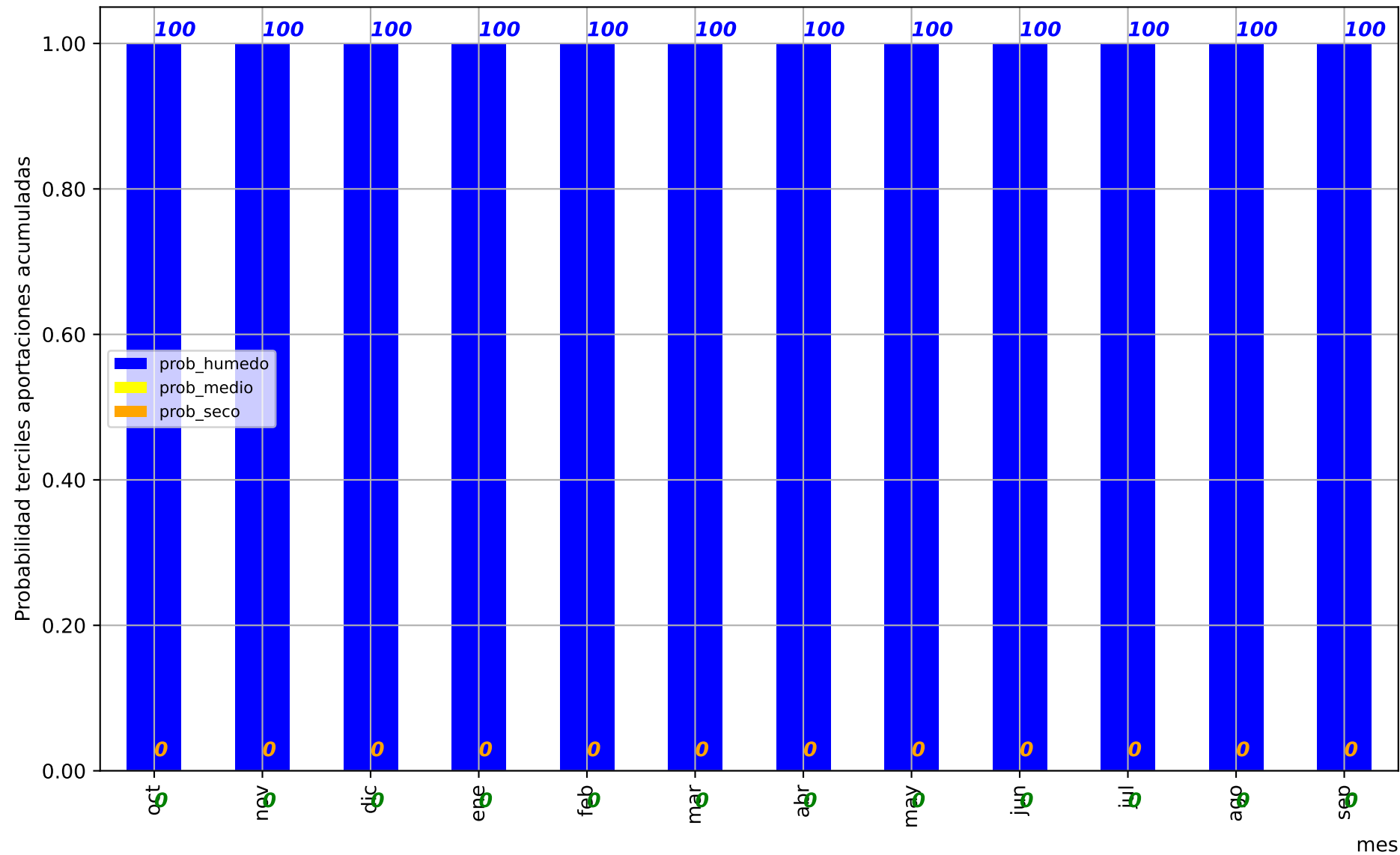


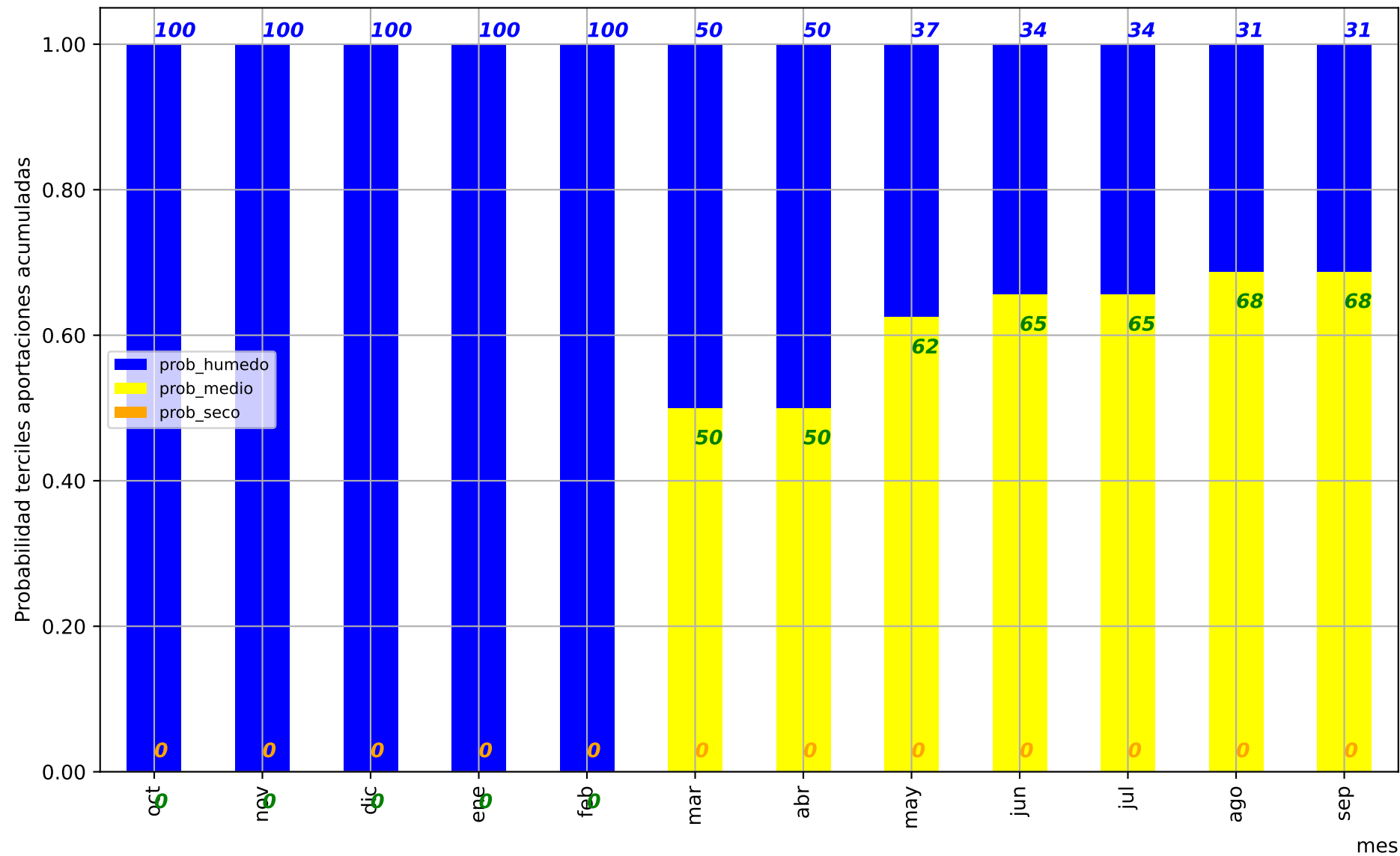


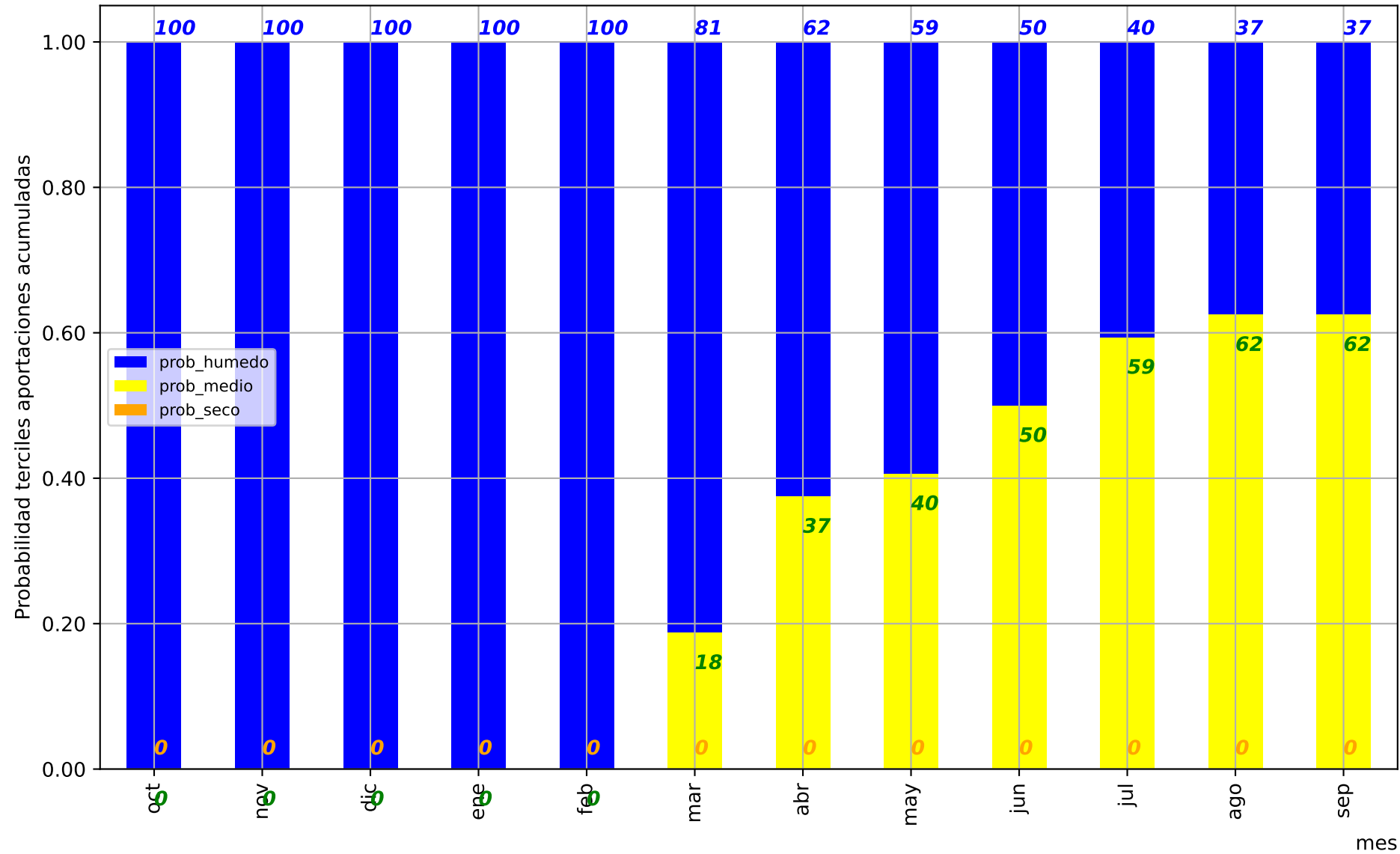


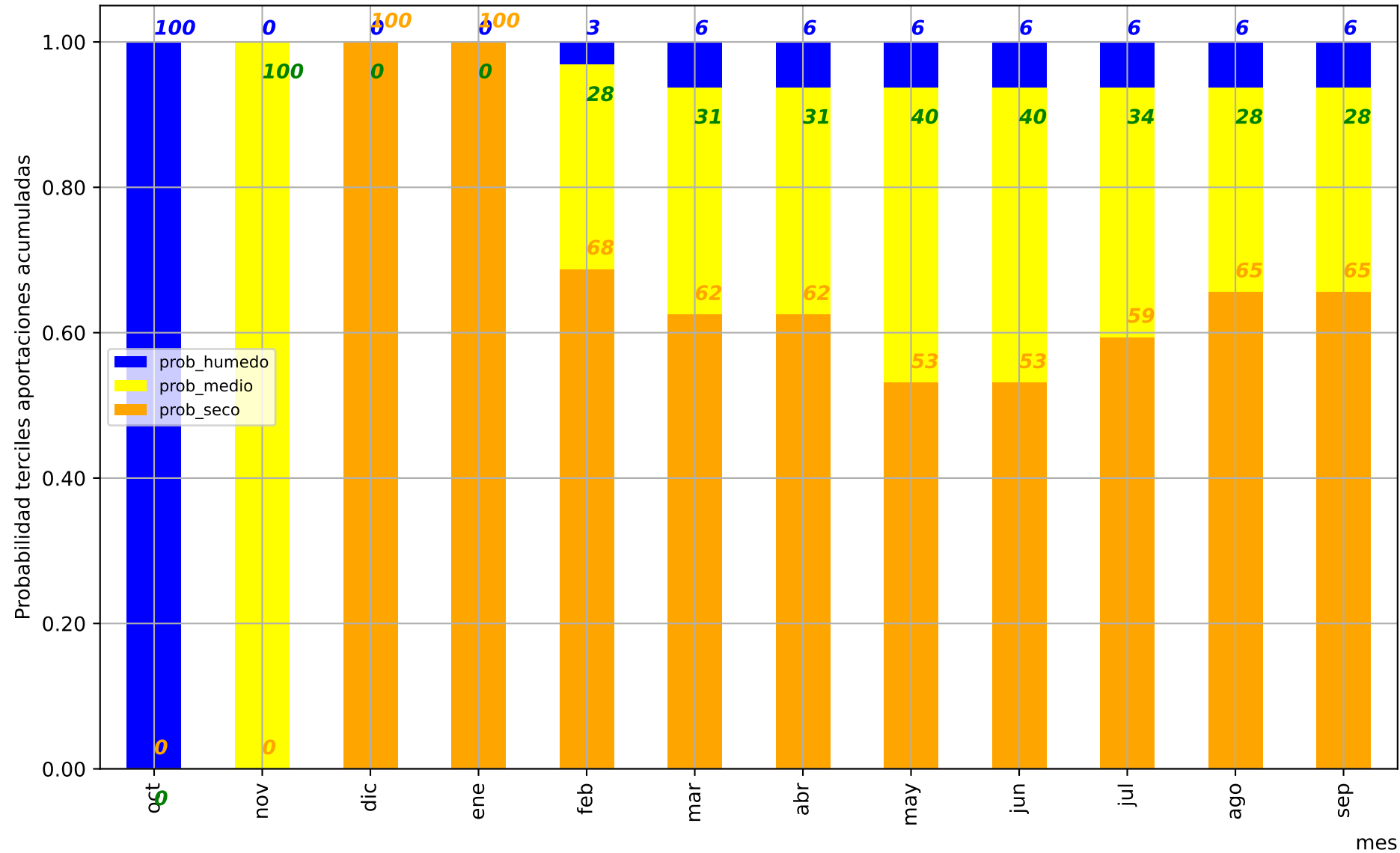


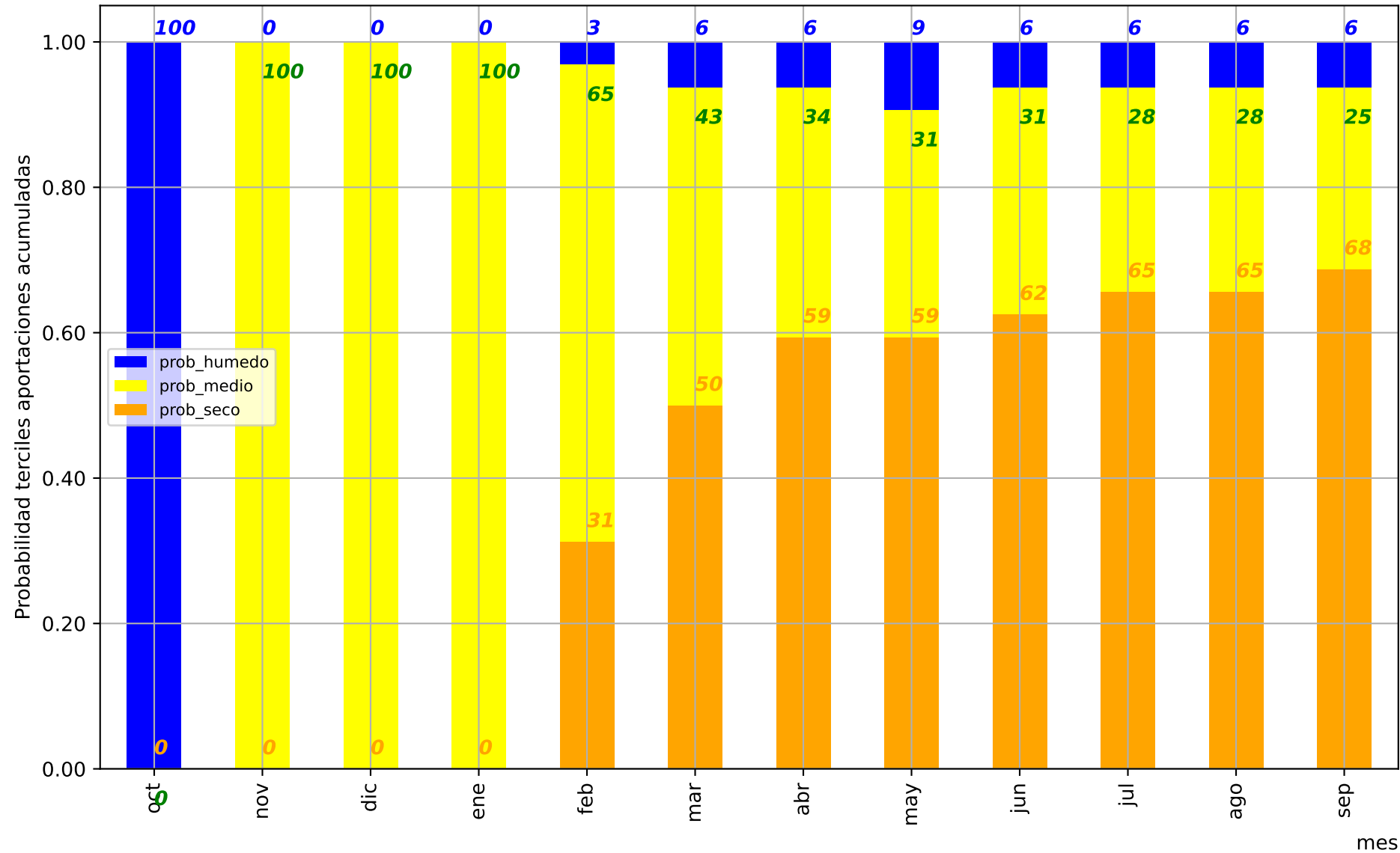


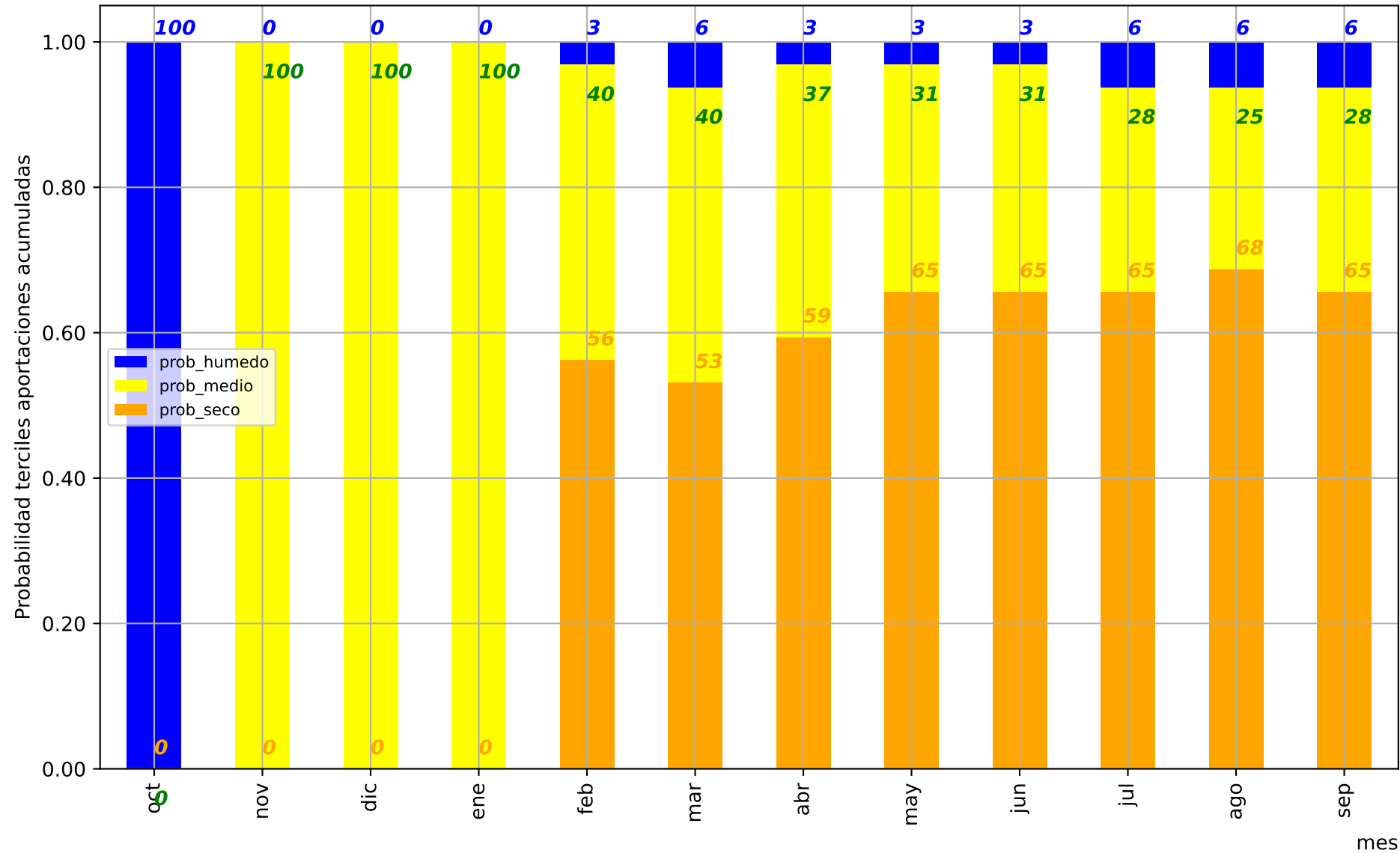


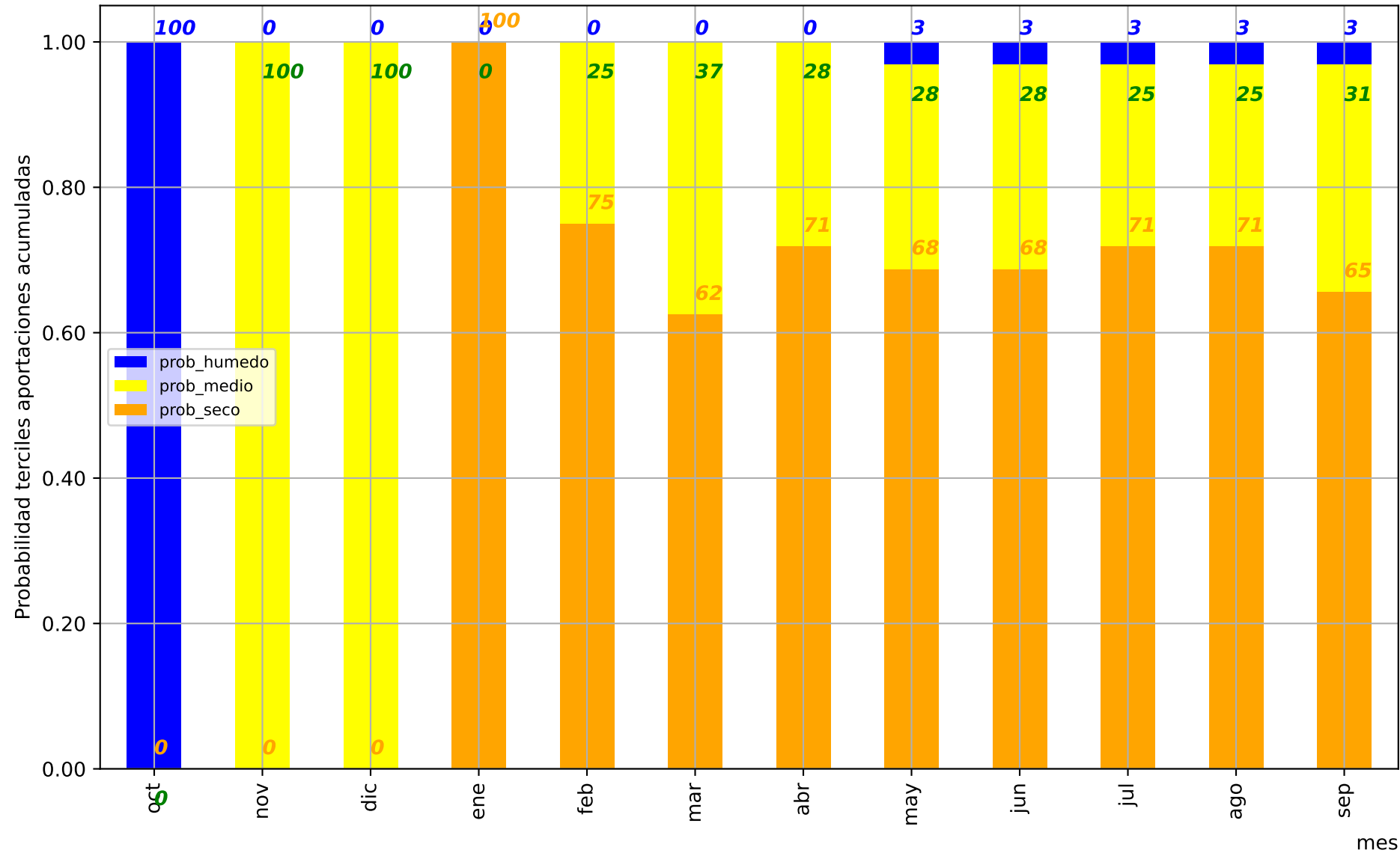


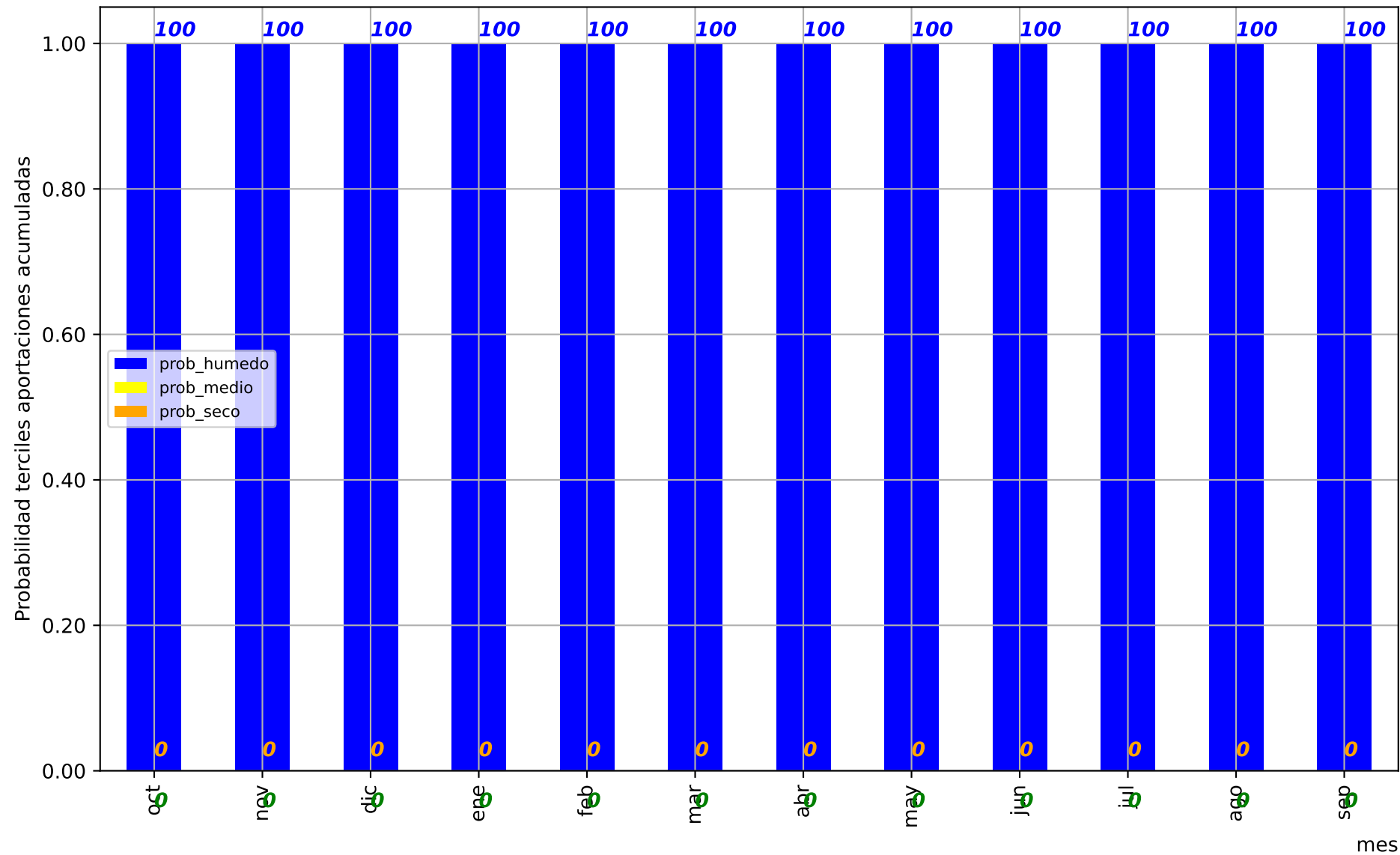


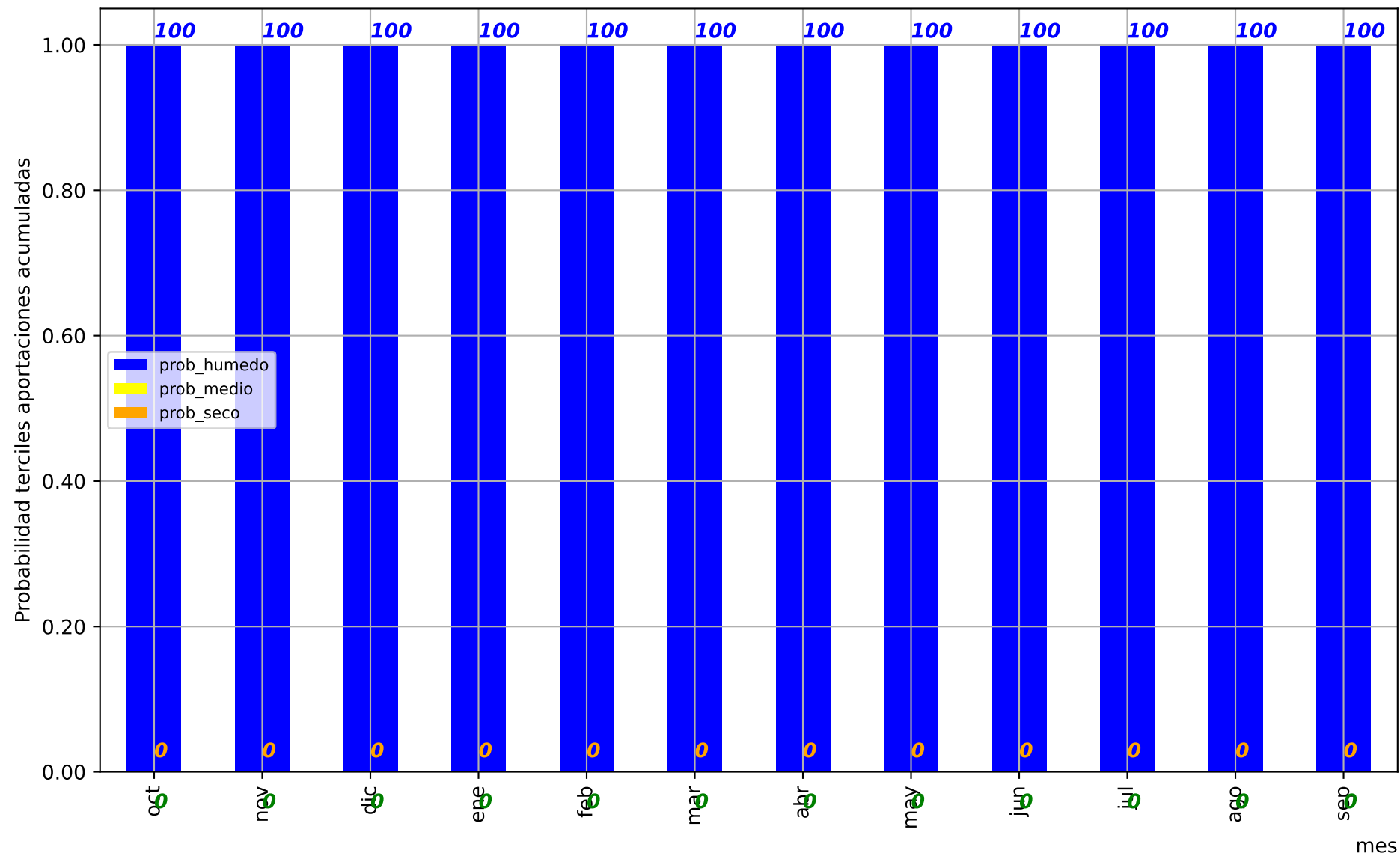


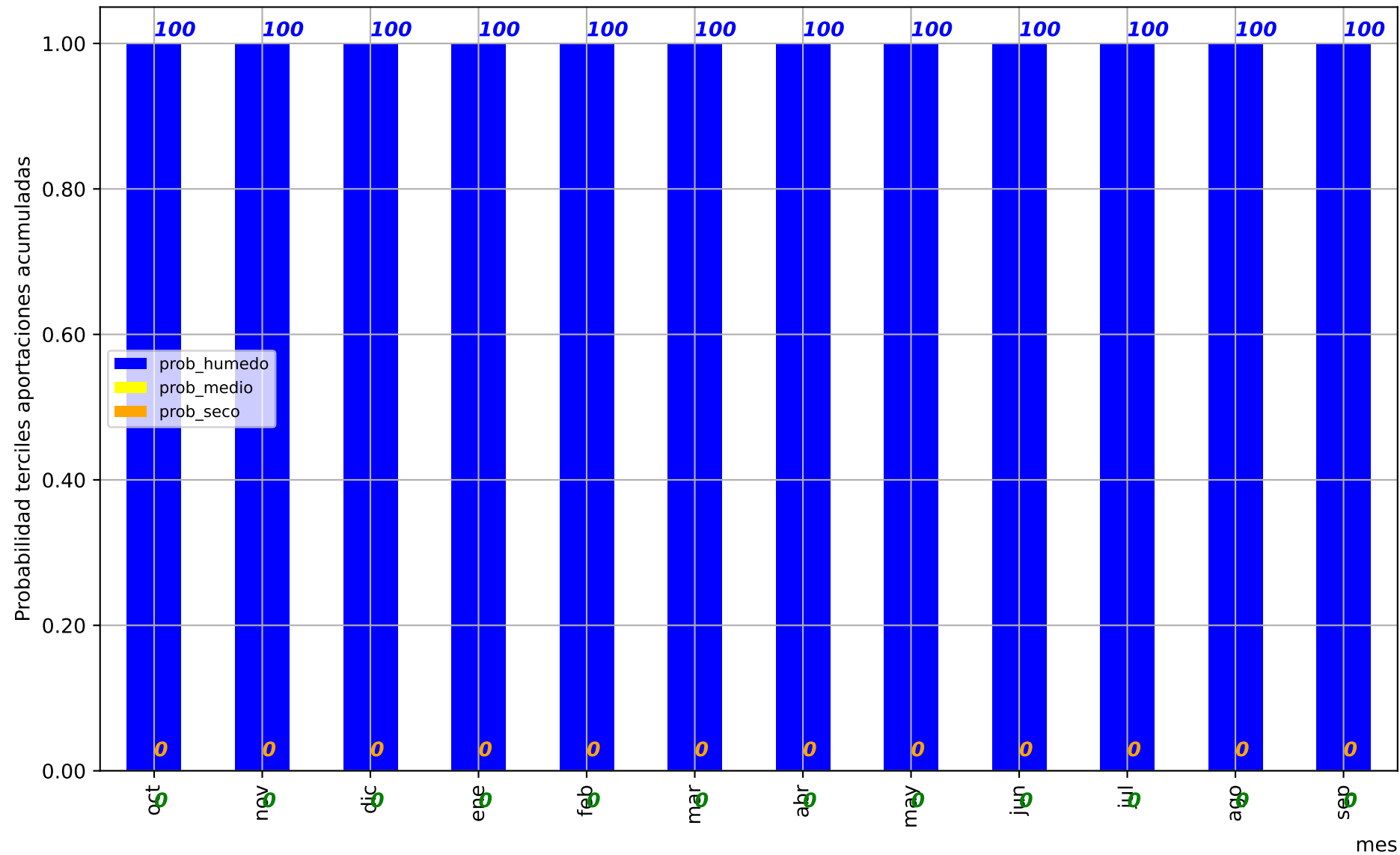


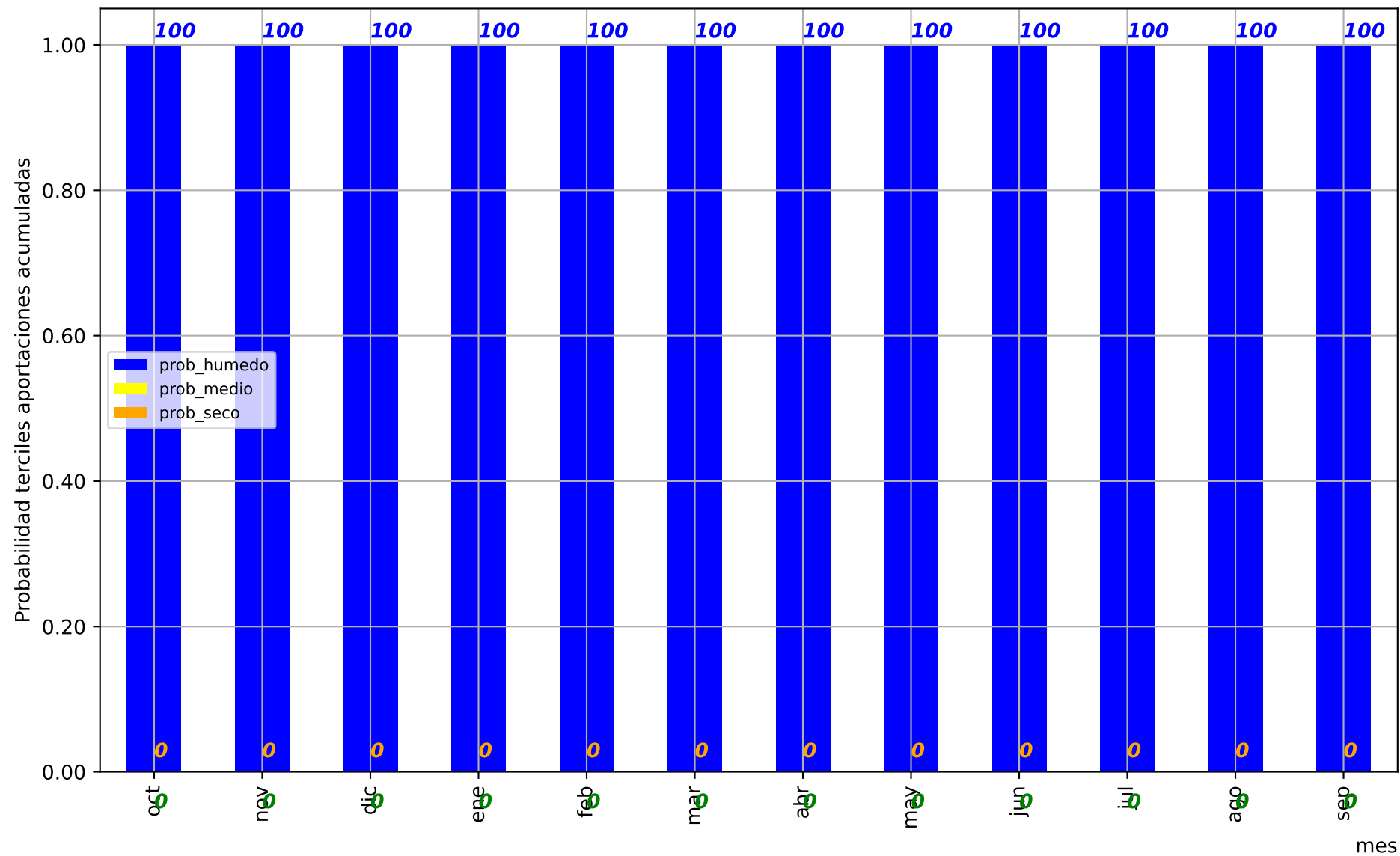


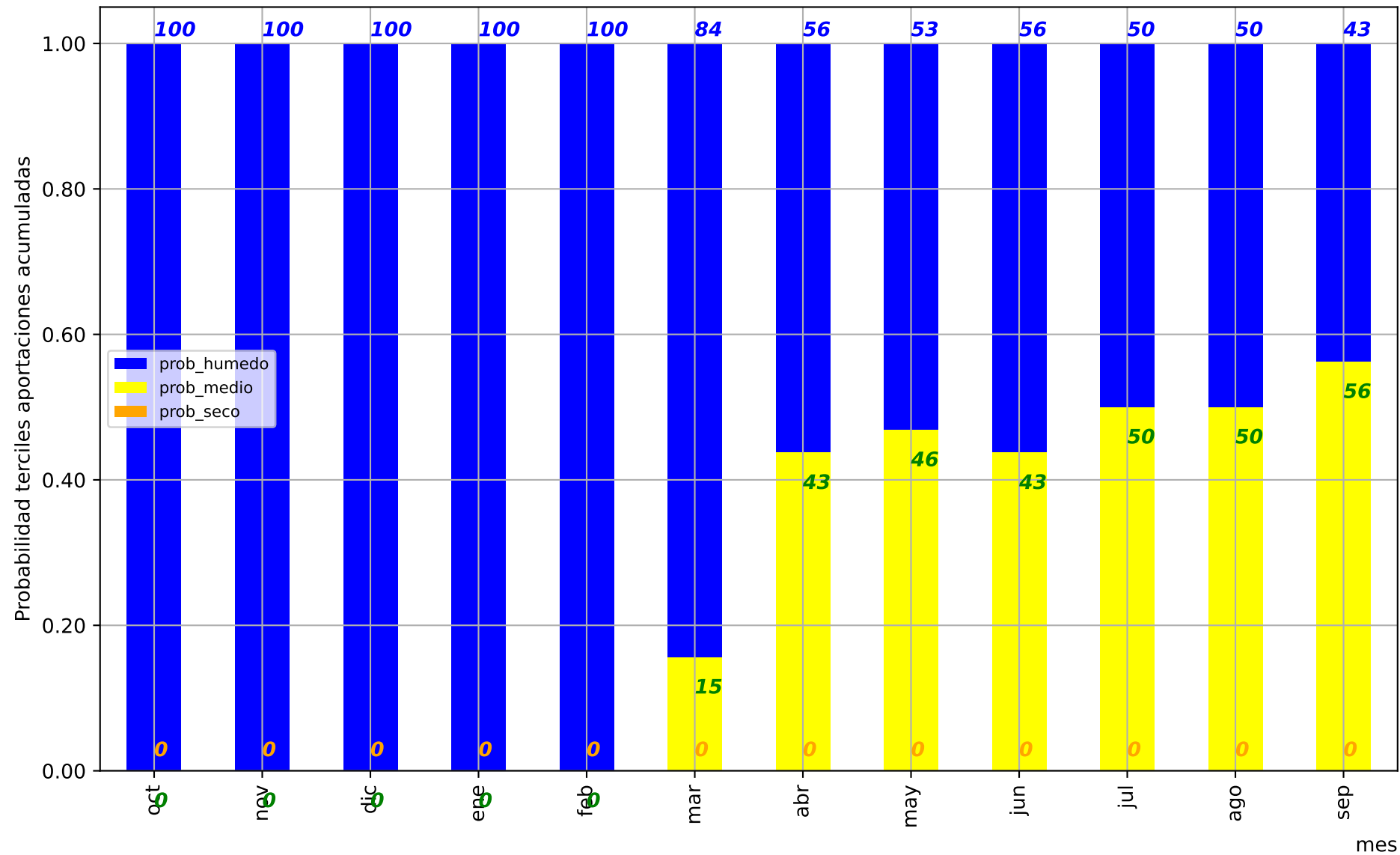


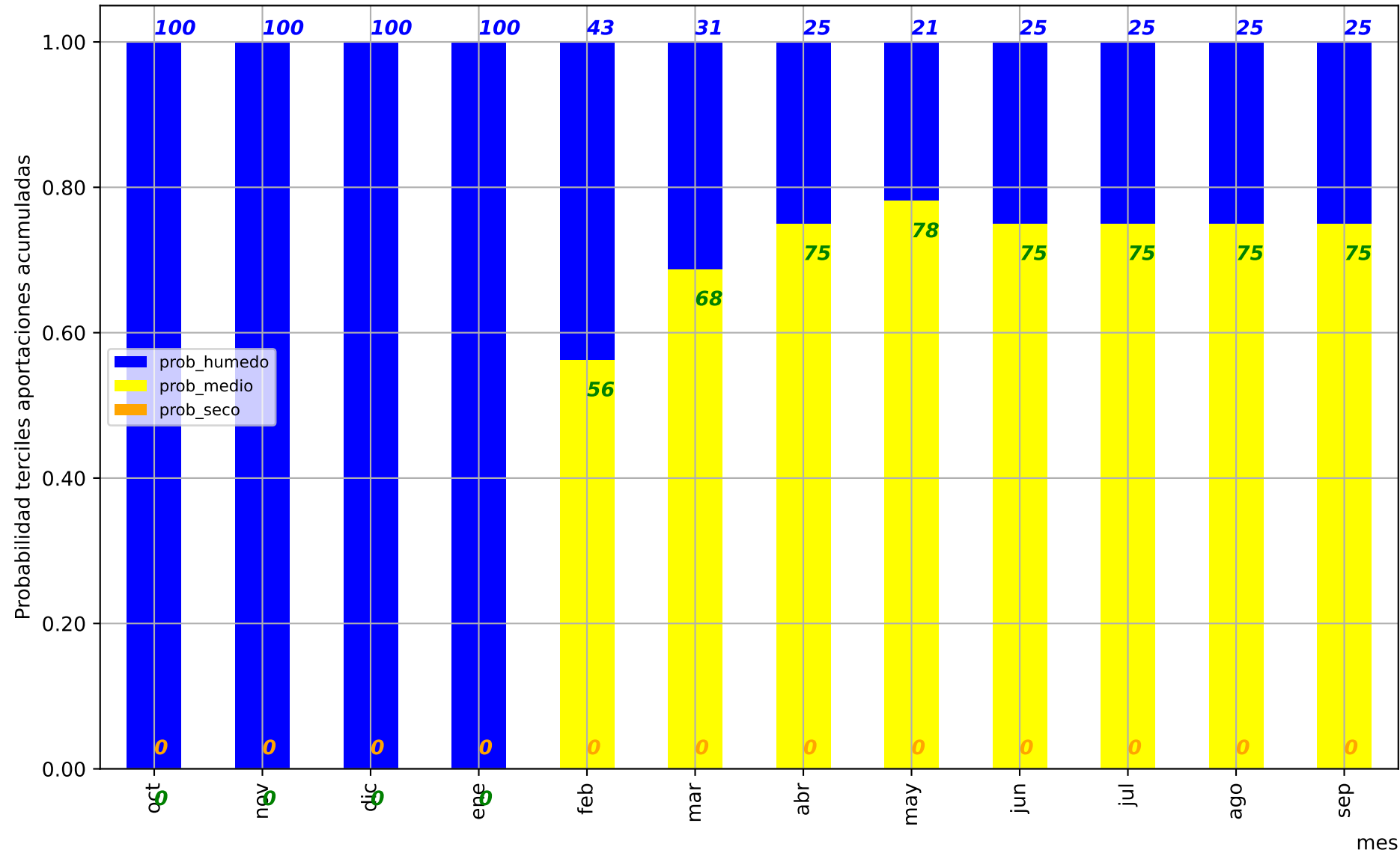


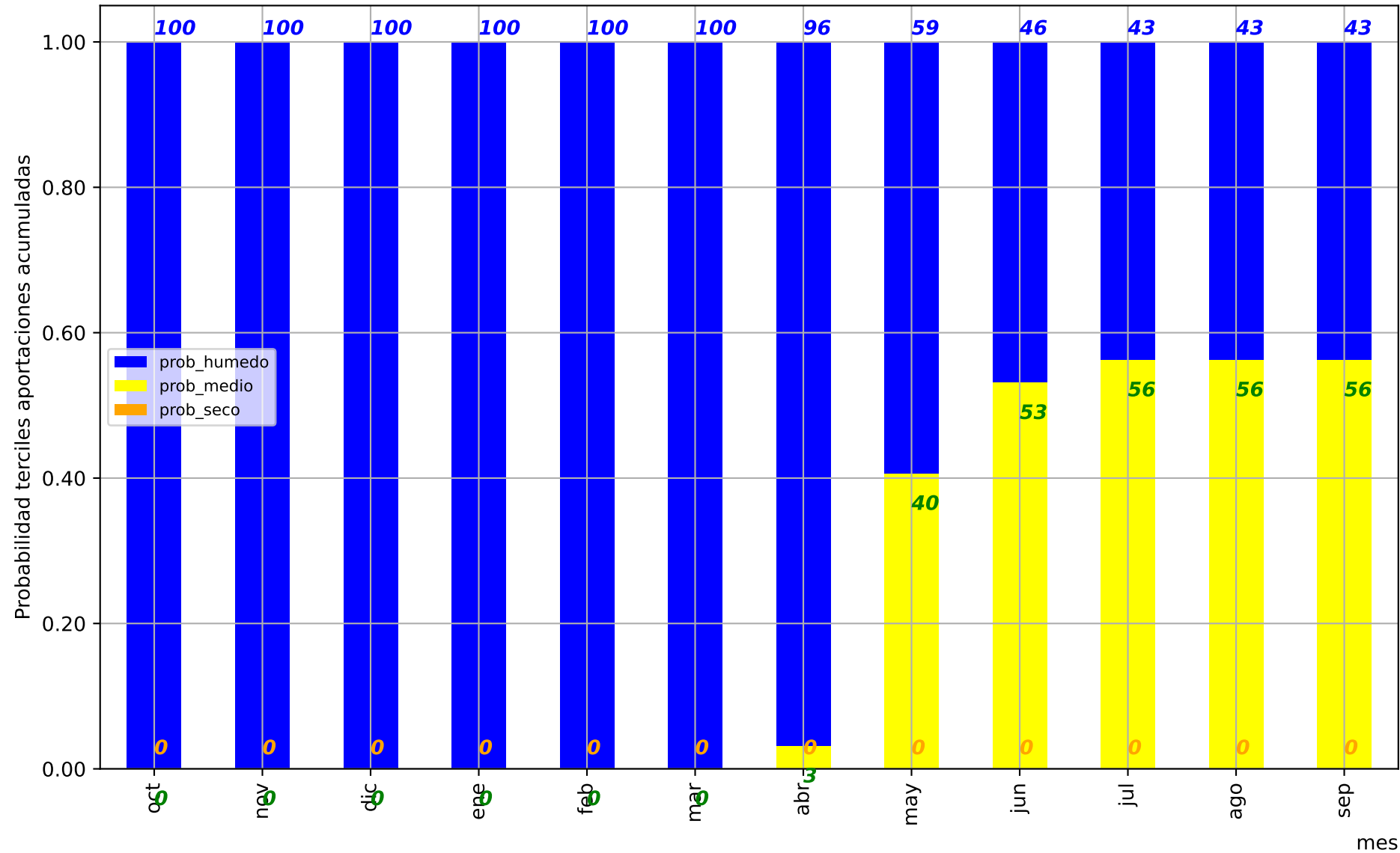


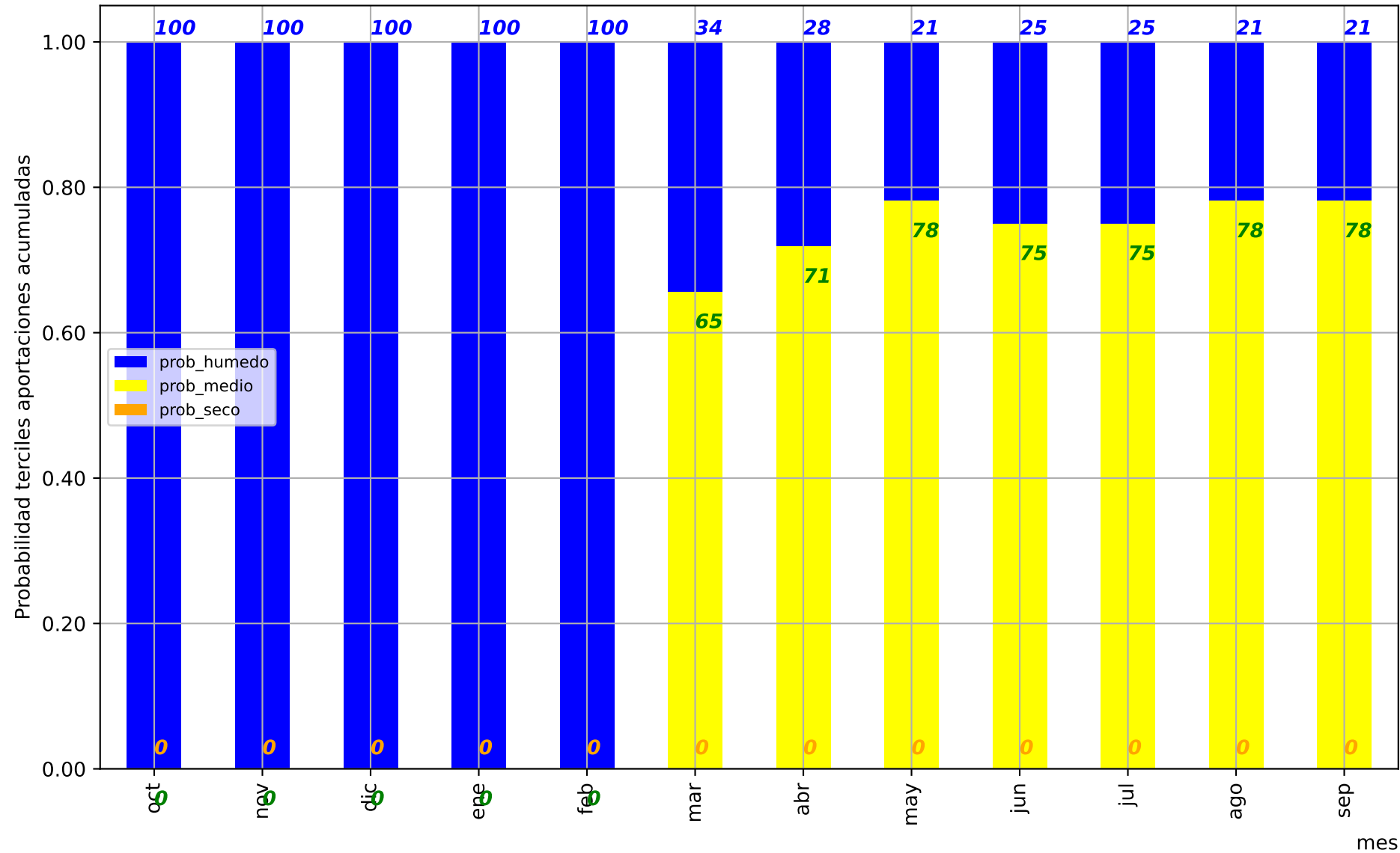


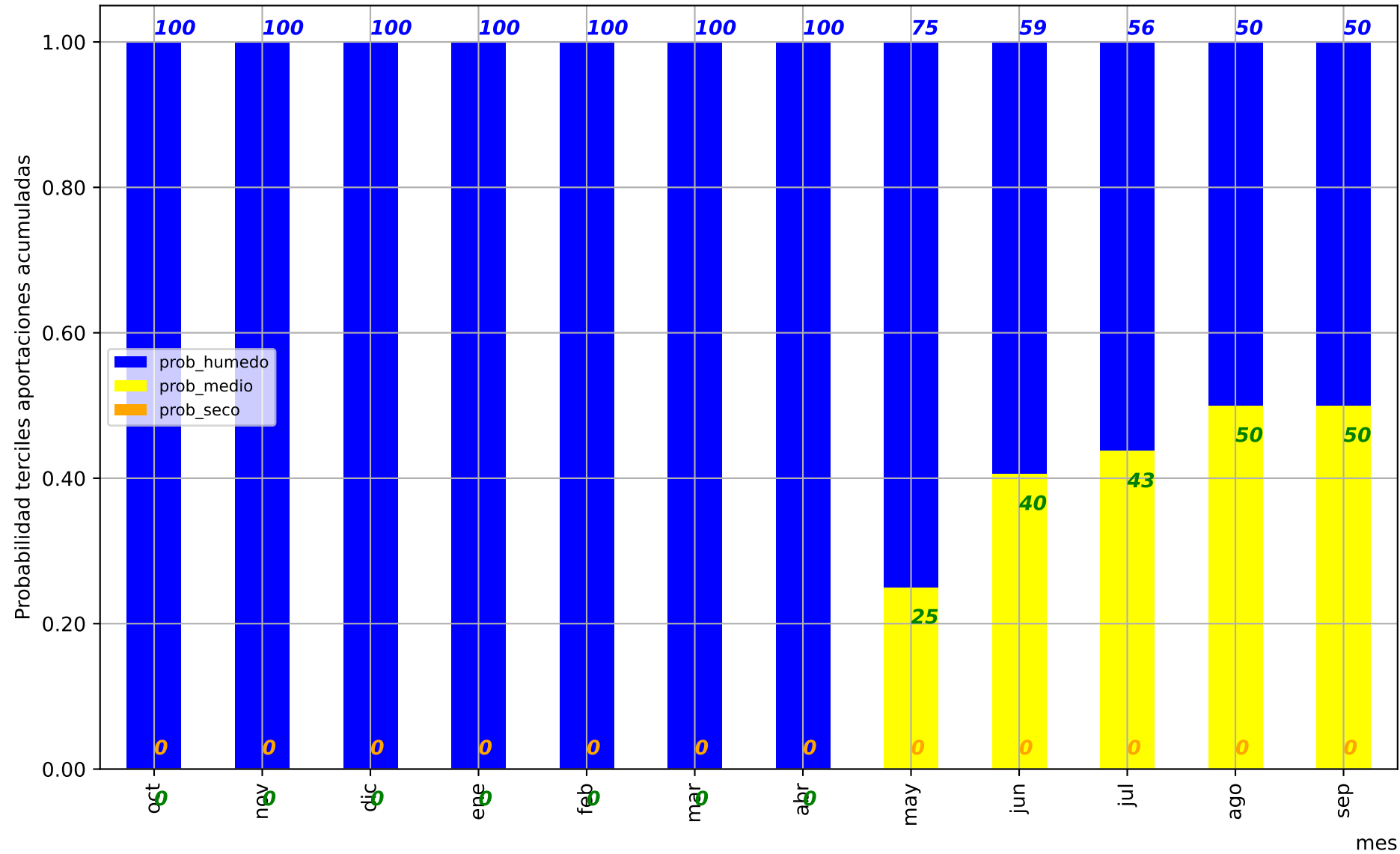


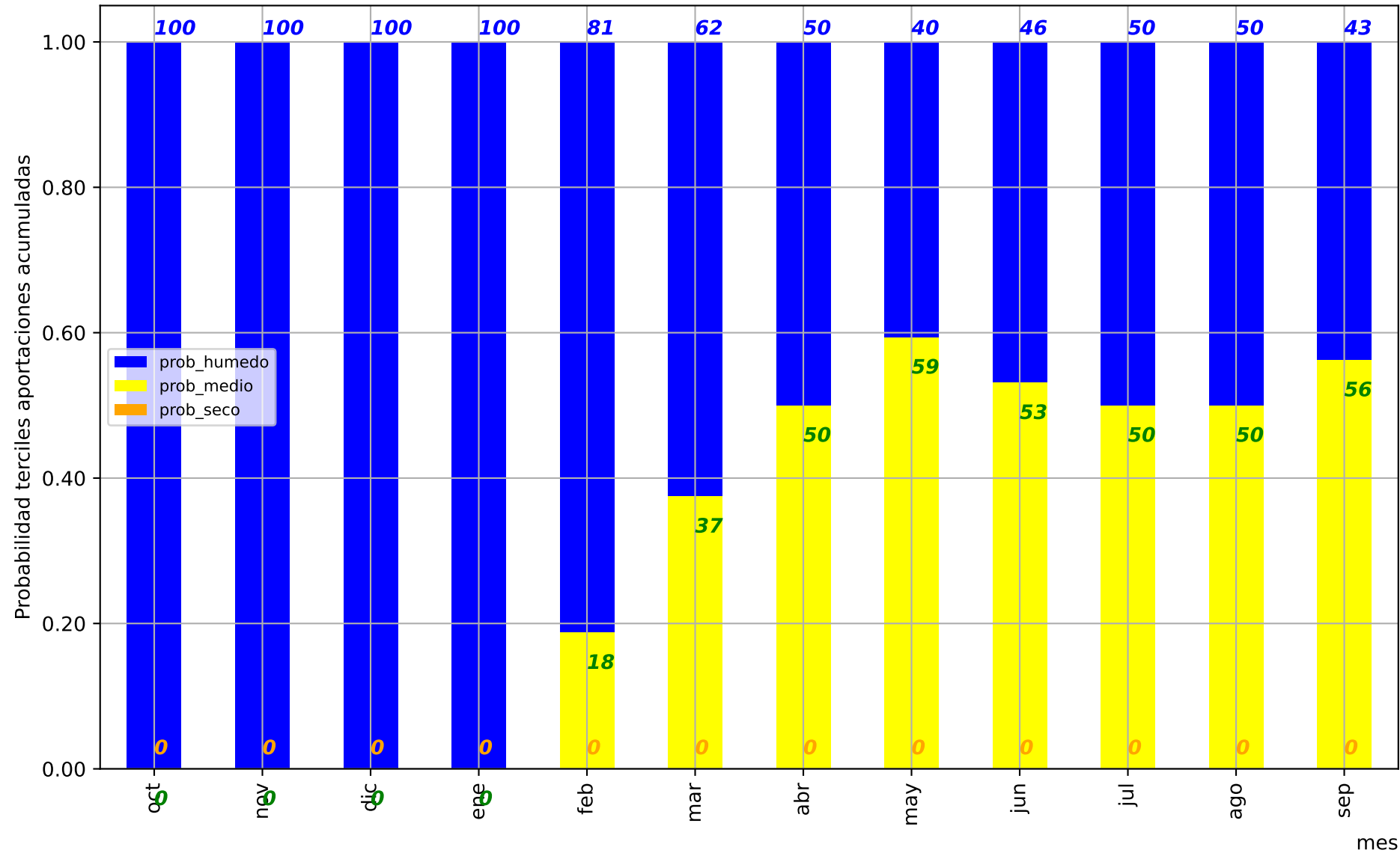


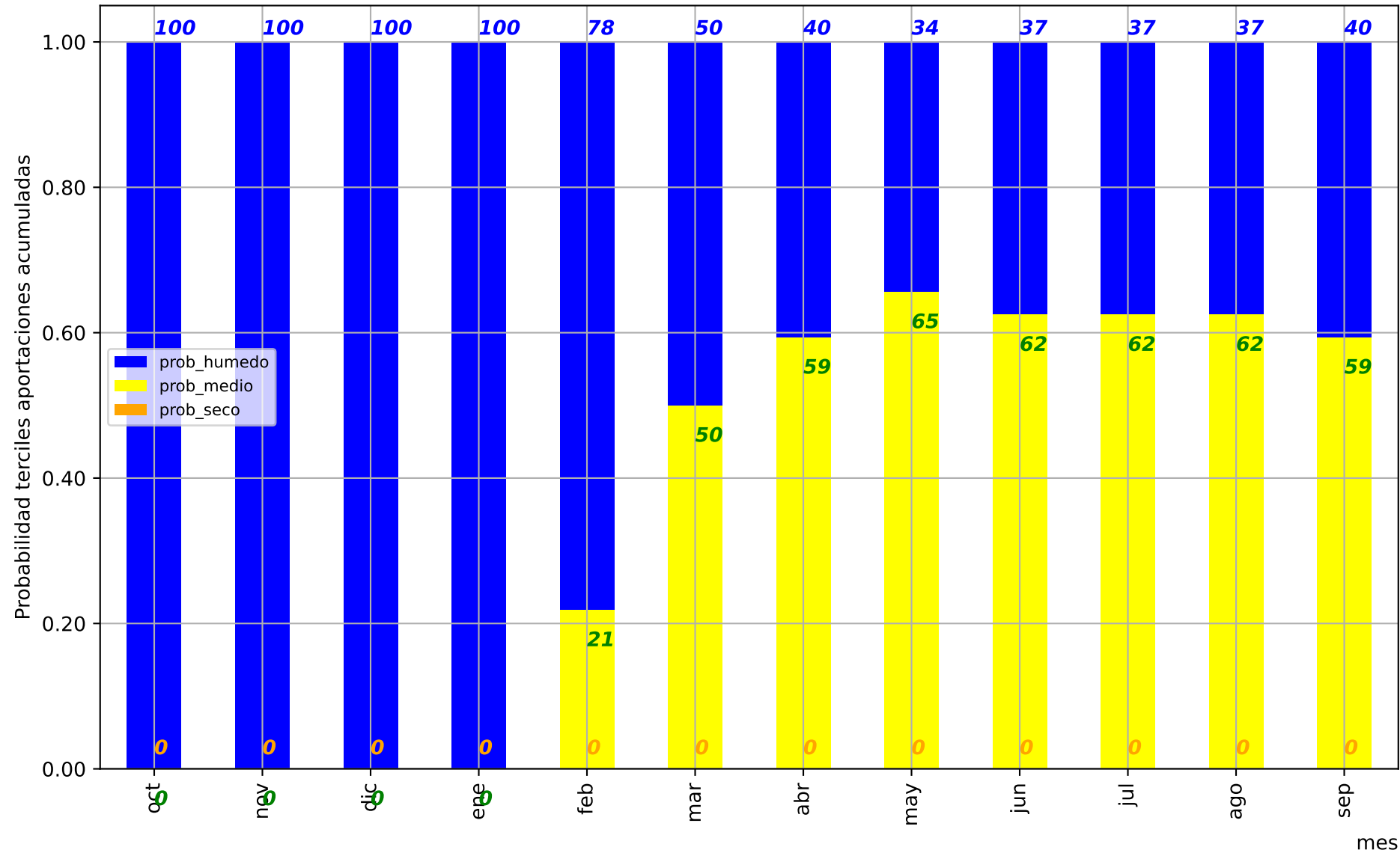


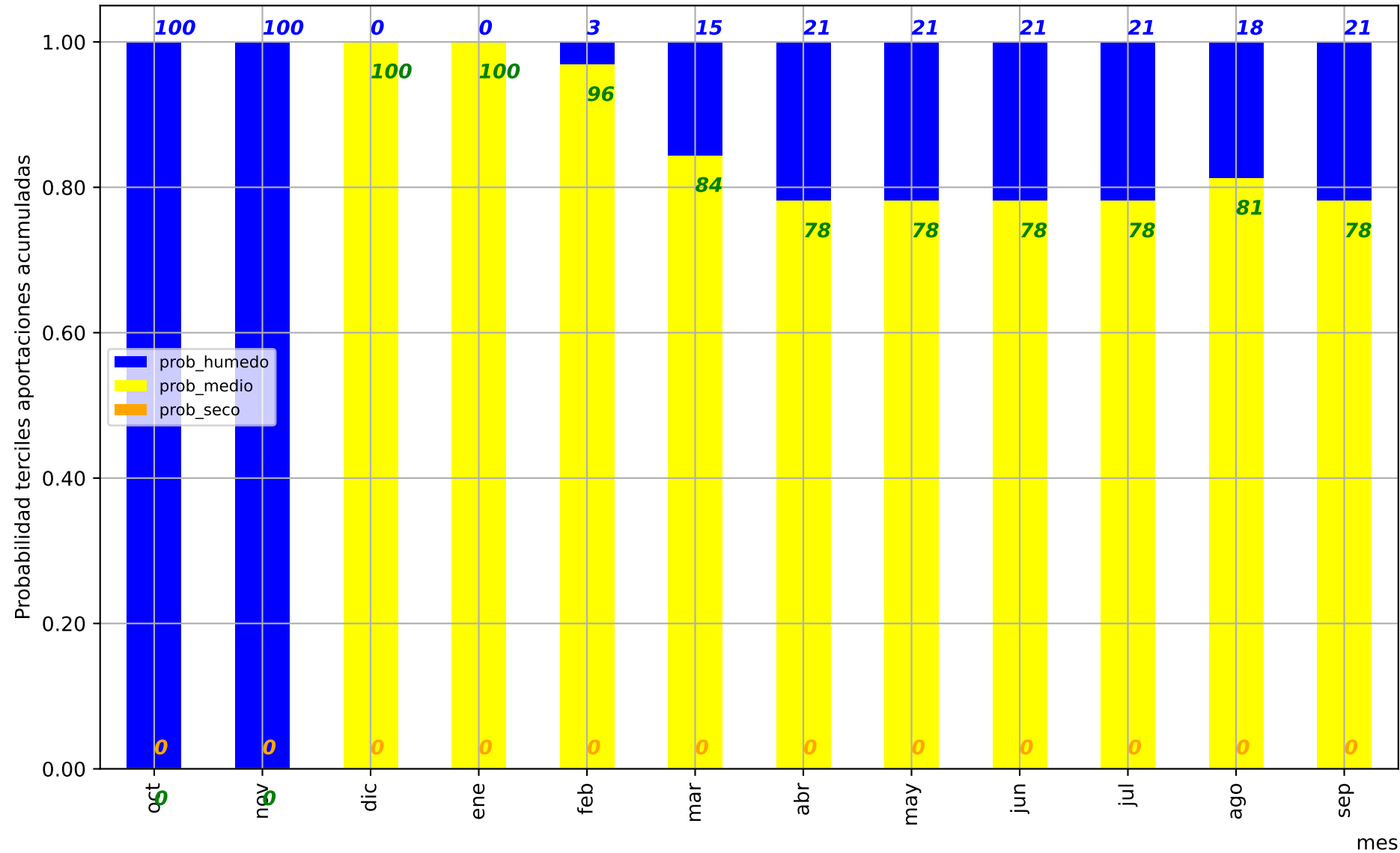


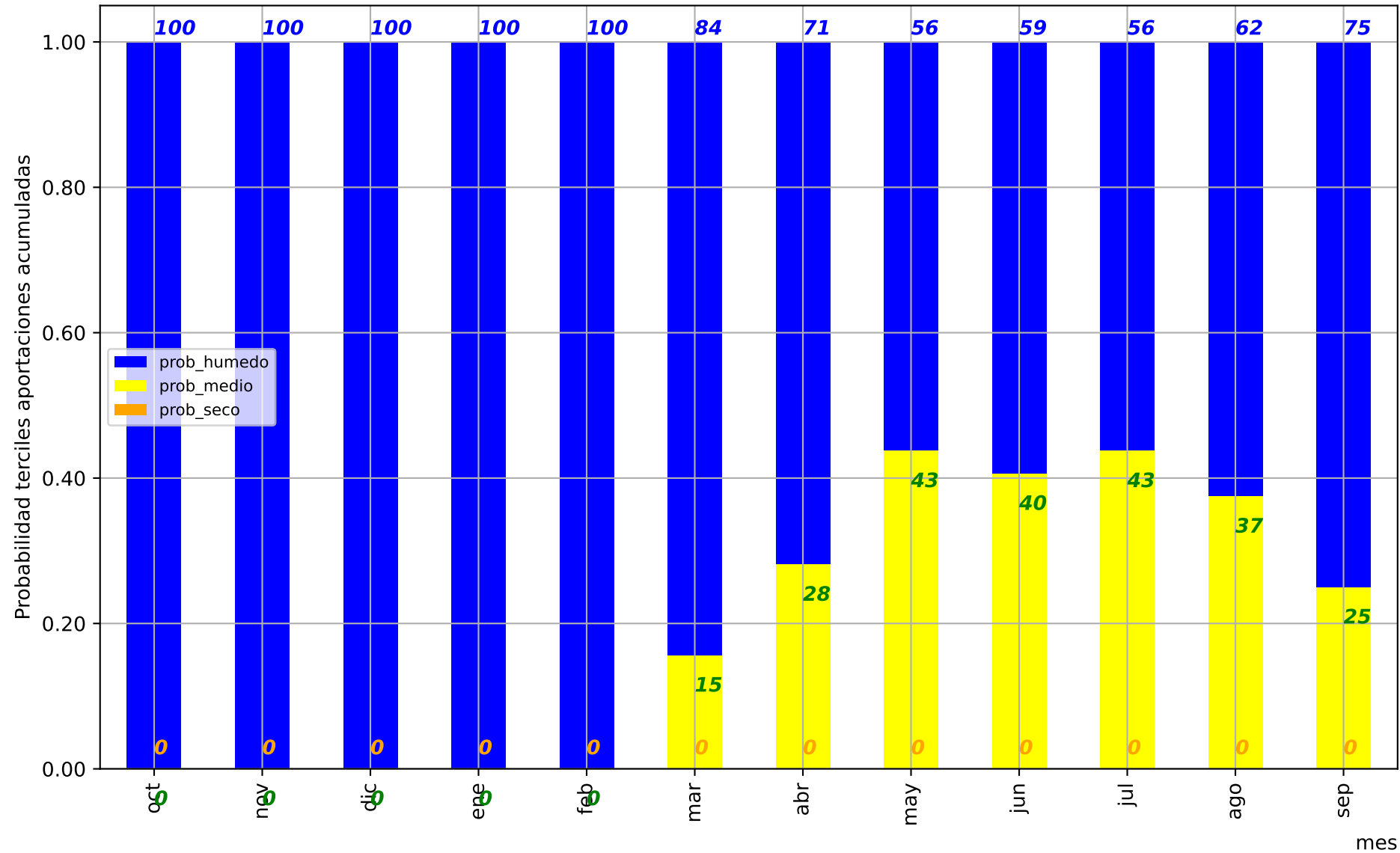






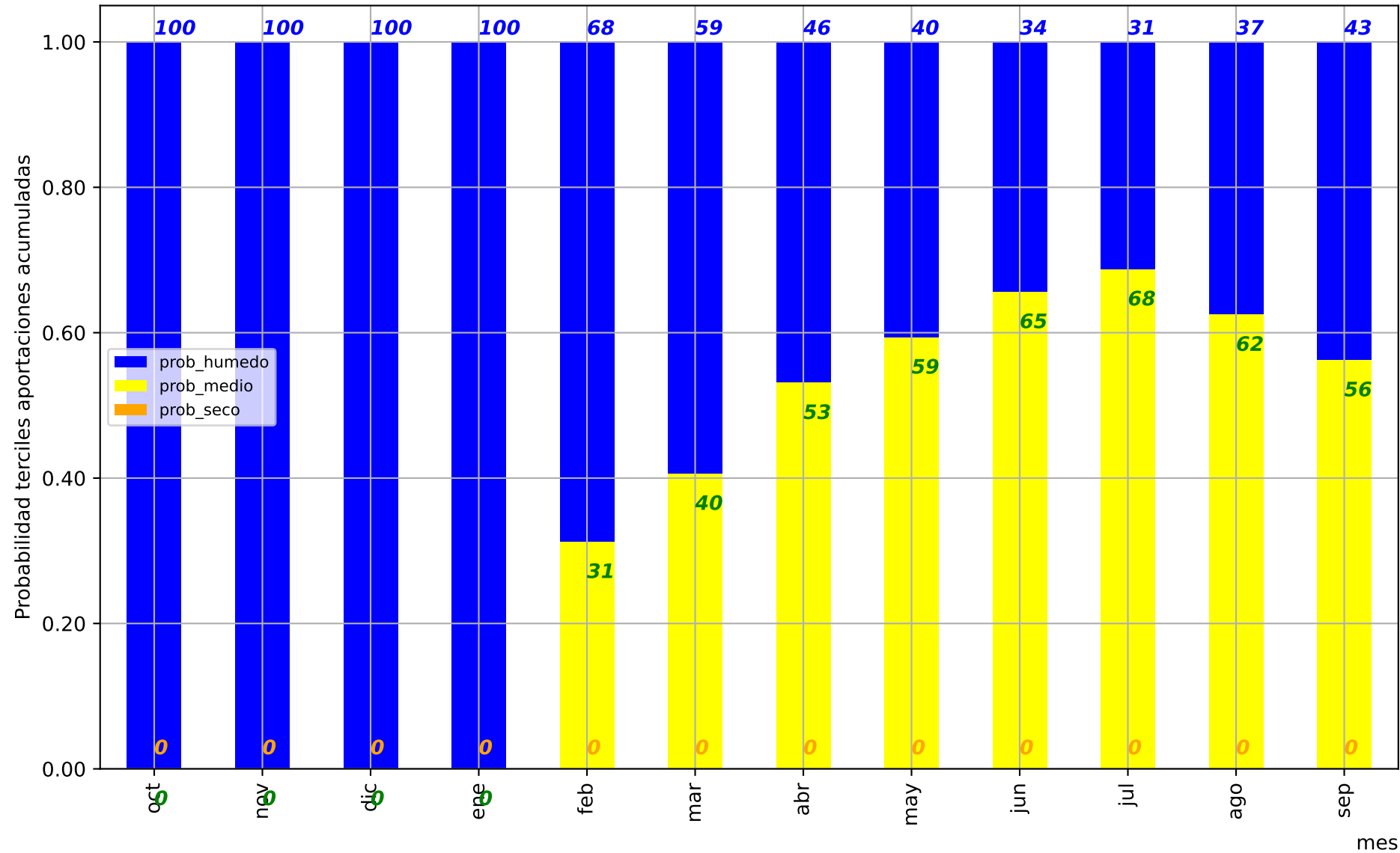


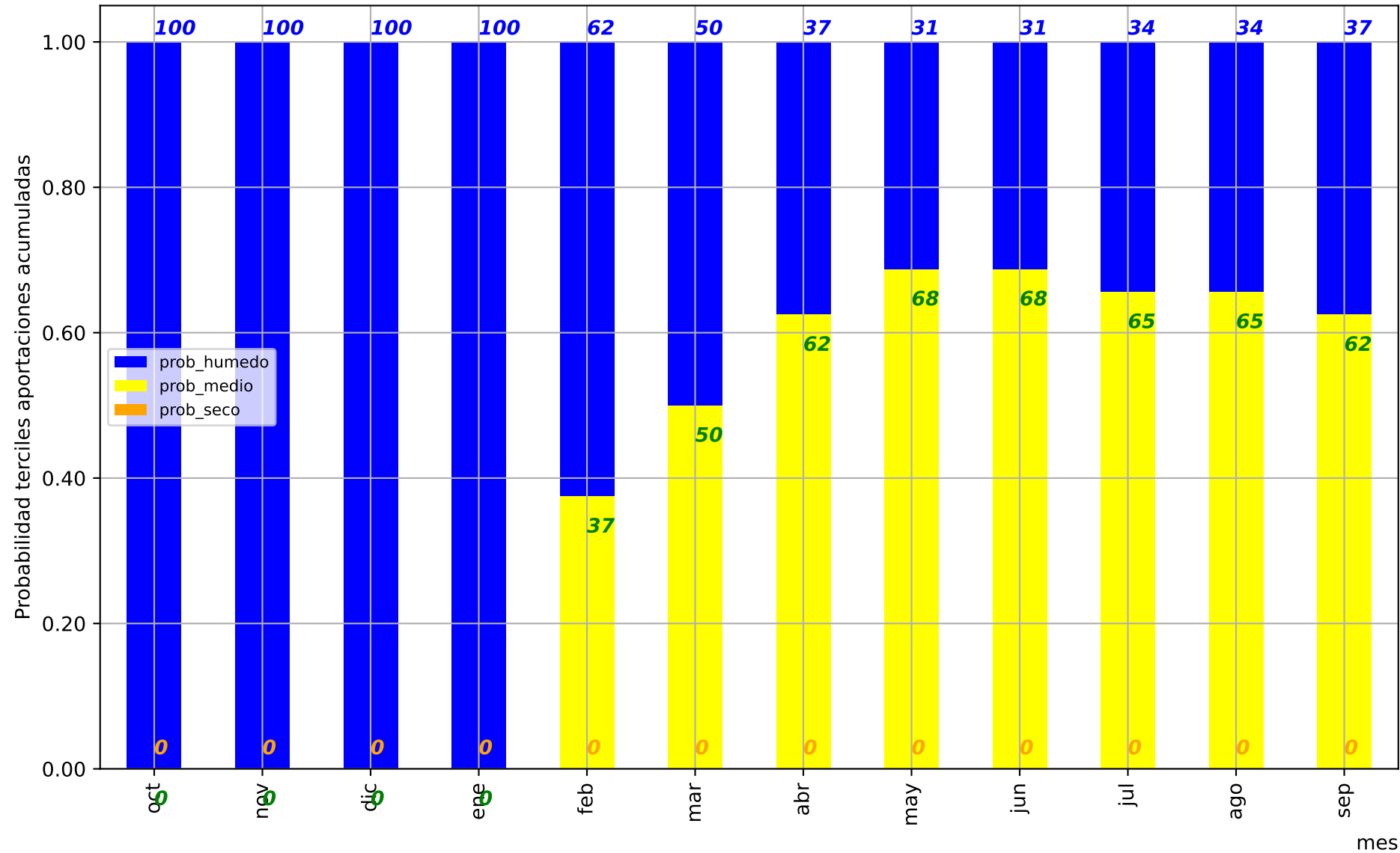


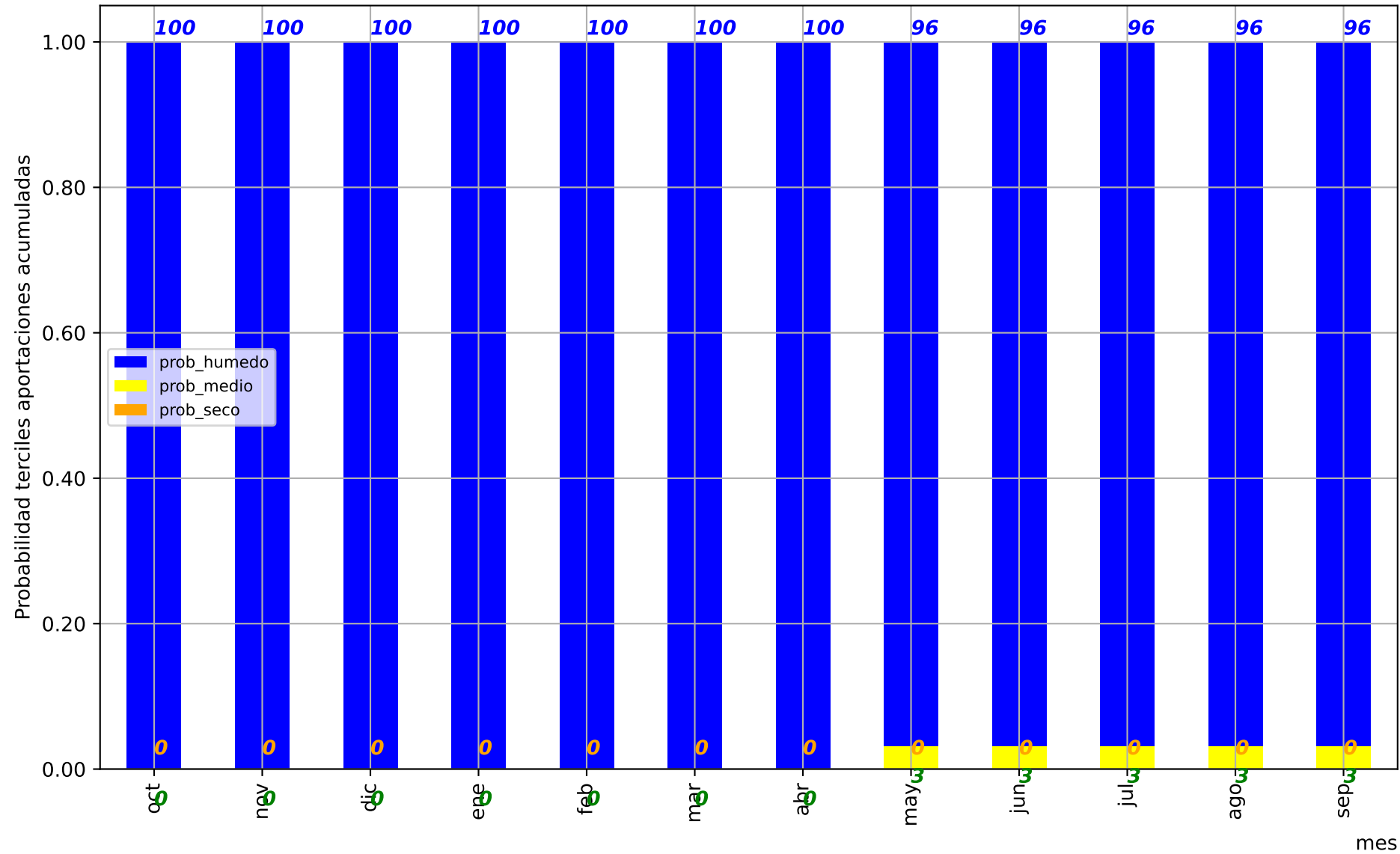


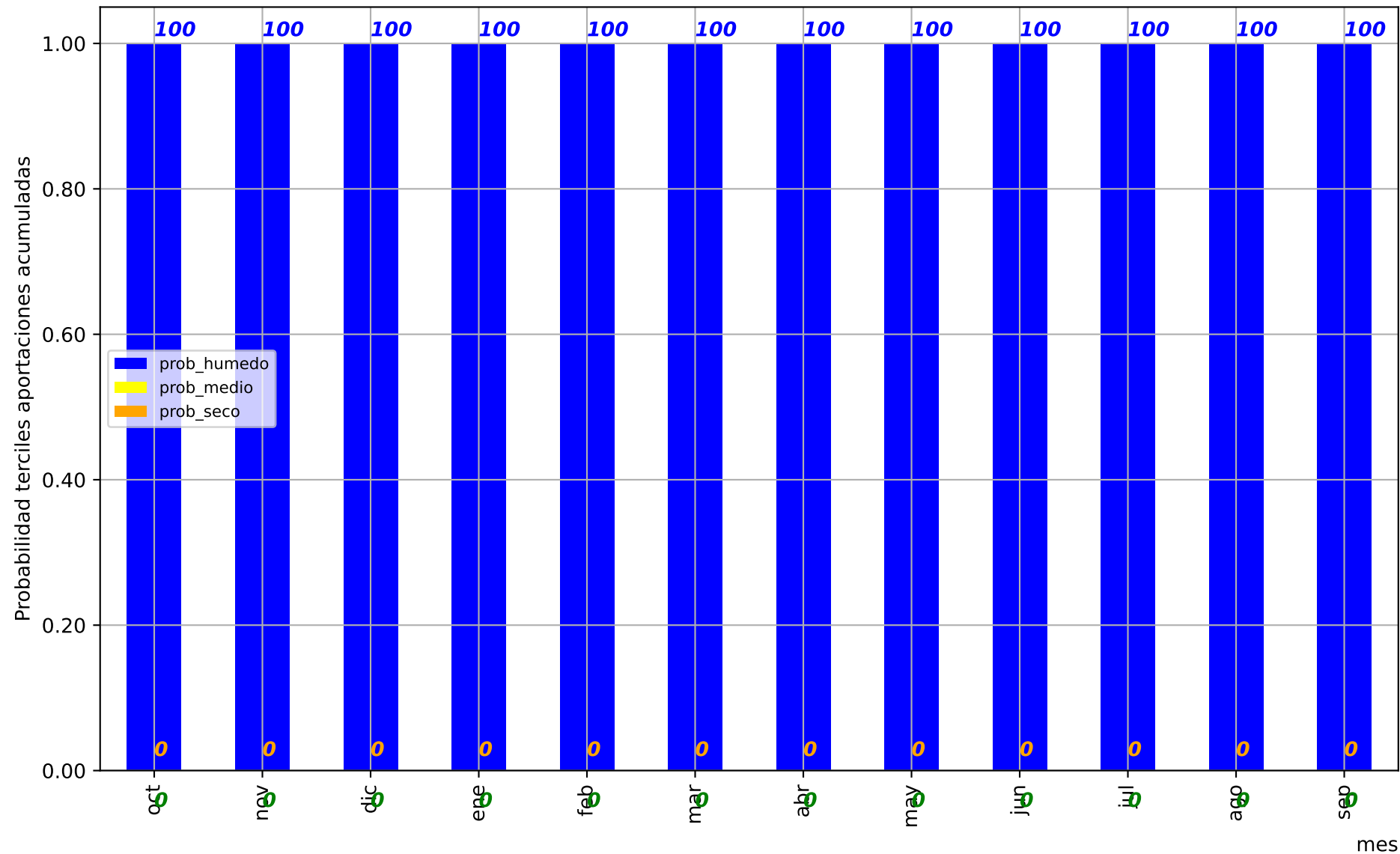
Predicción cuenca del:

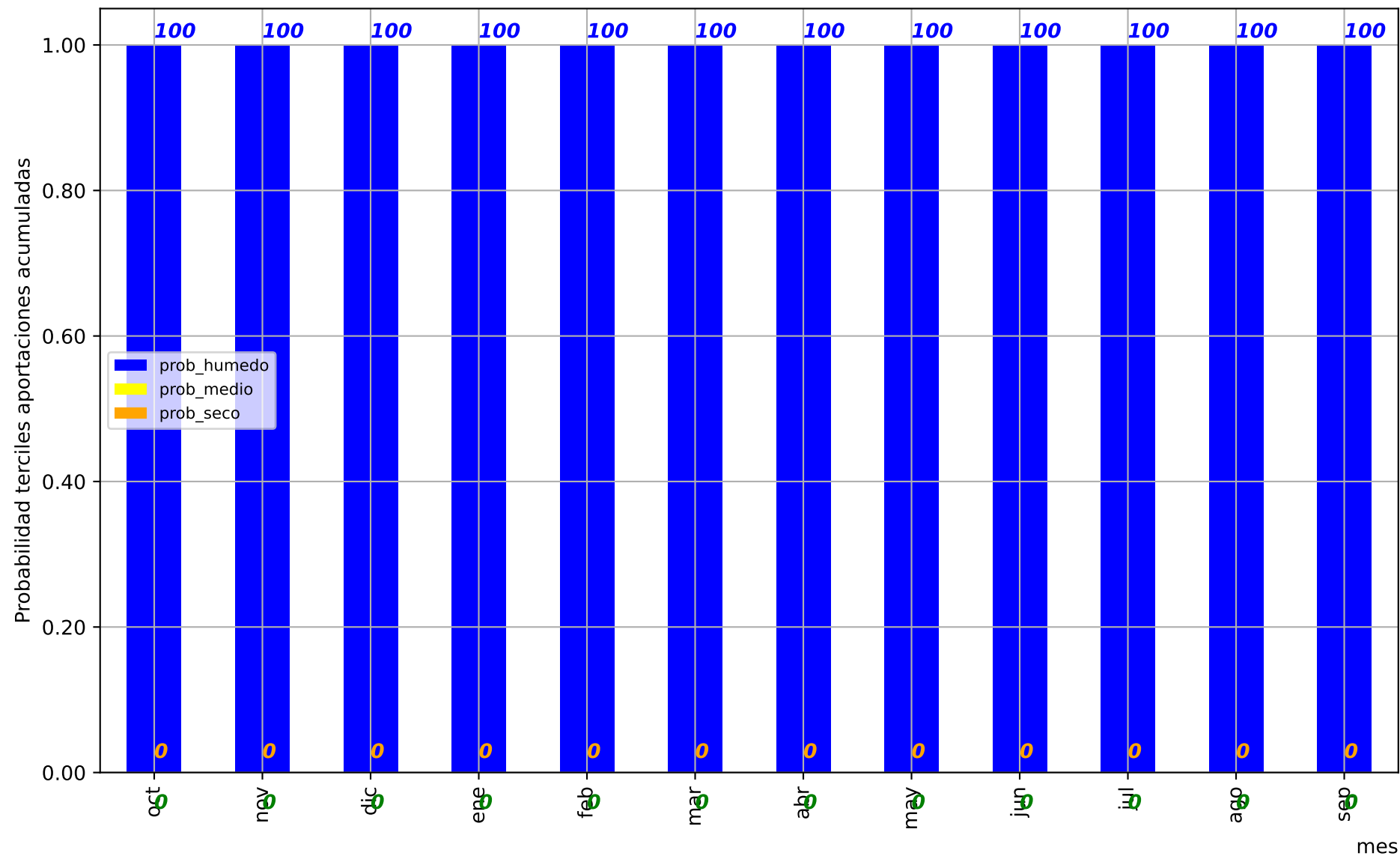
Río Aragón desembocadura en el Ebro (Restituida)

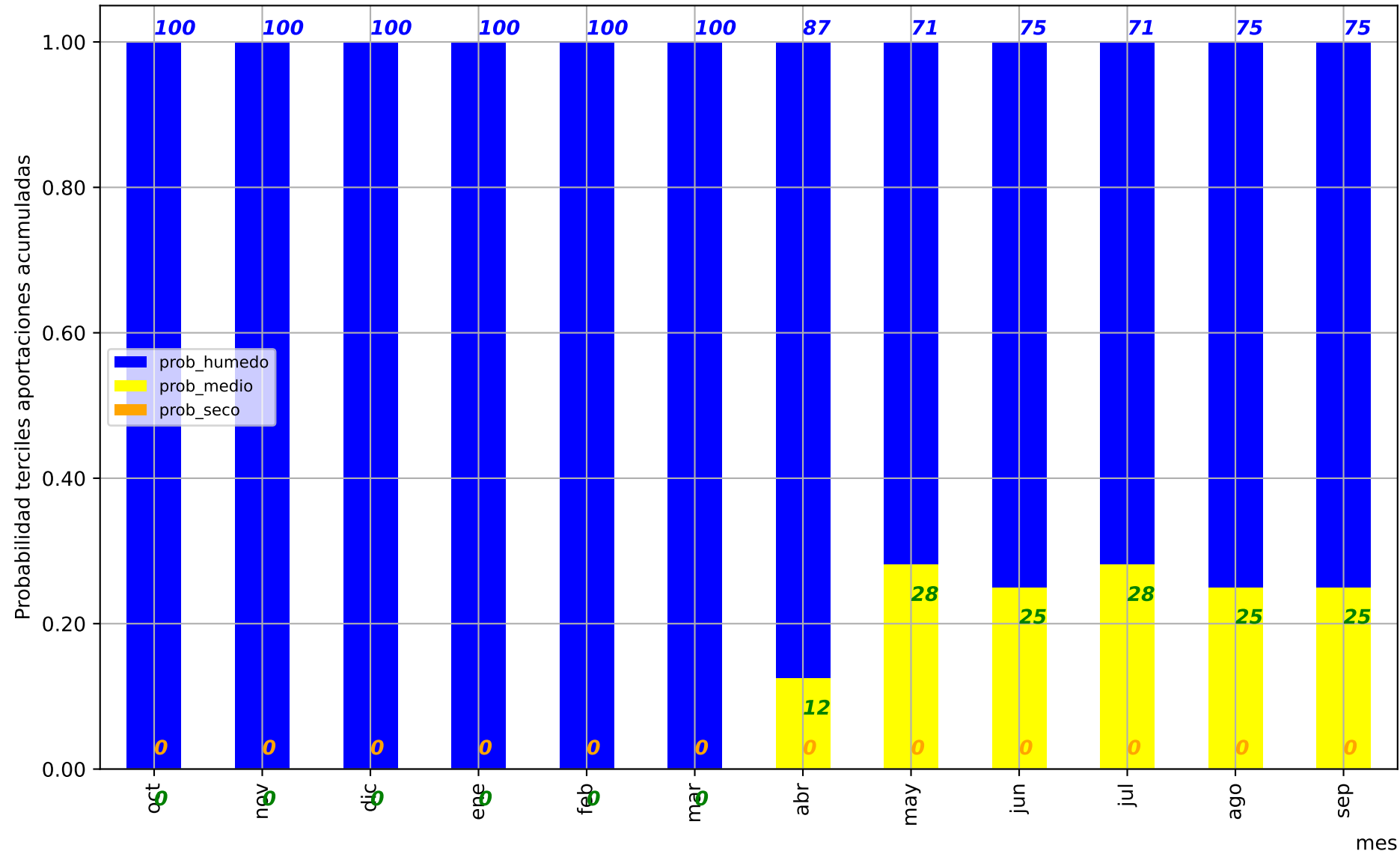


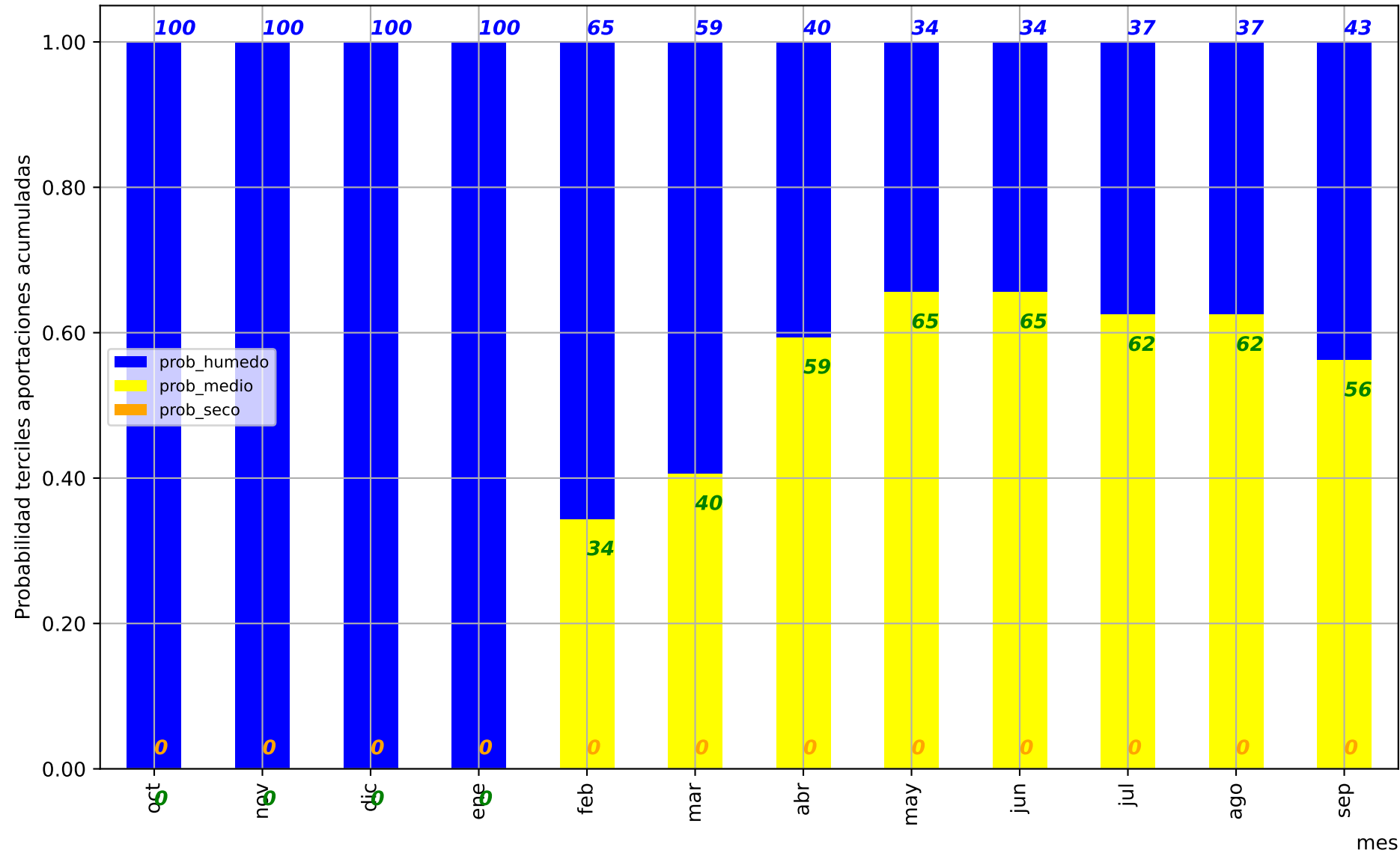


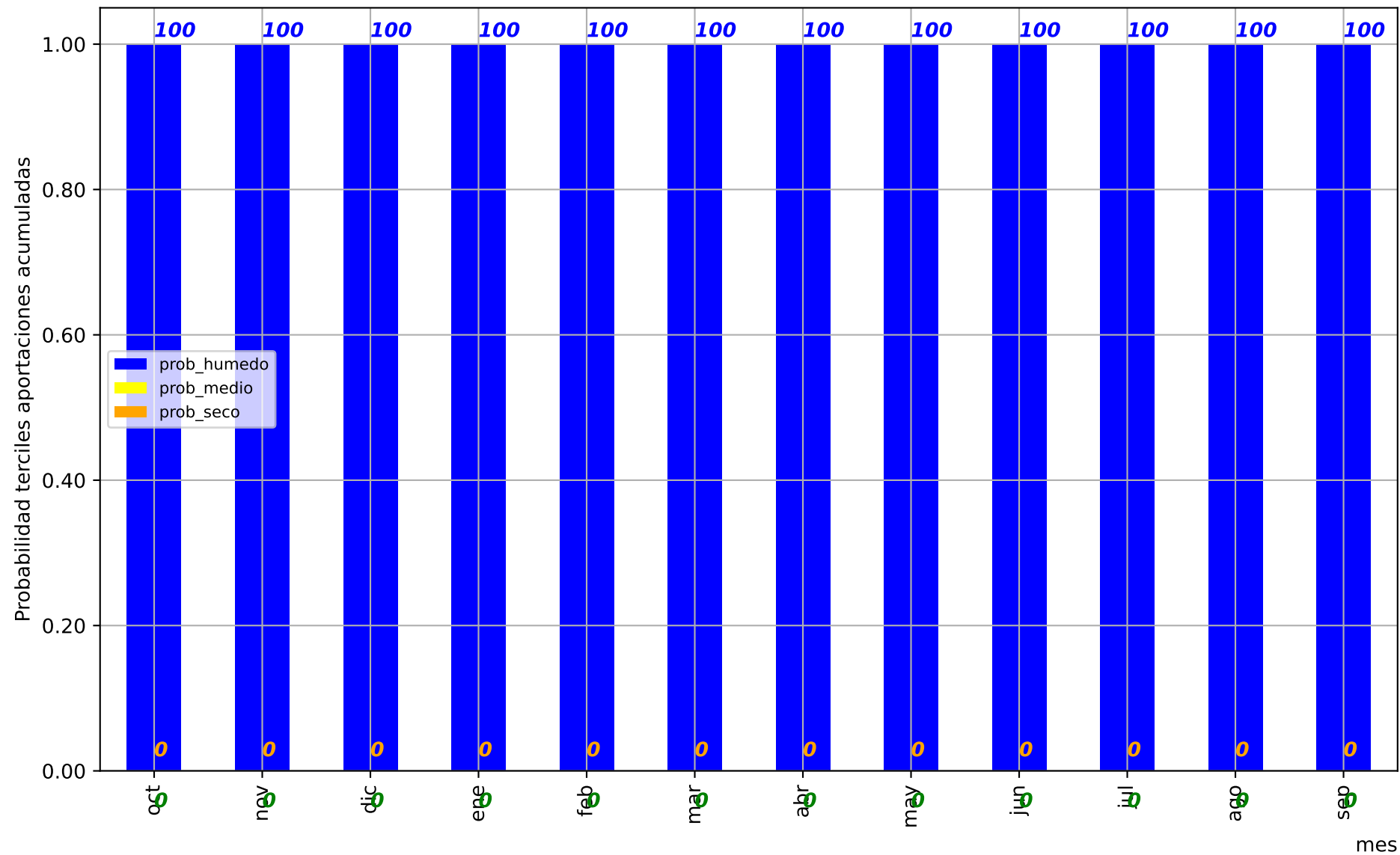


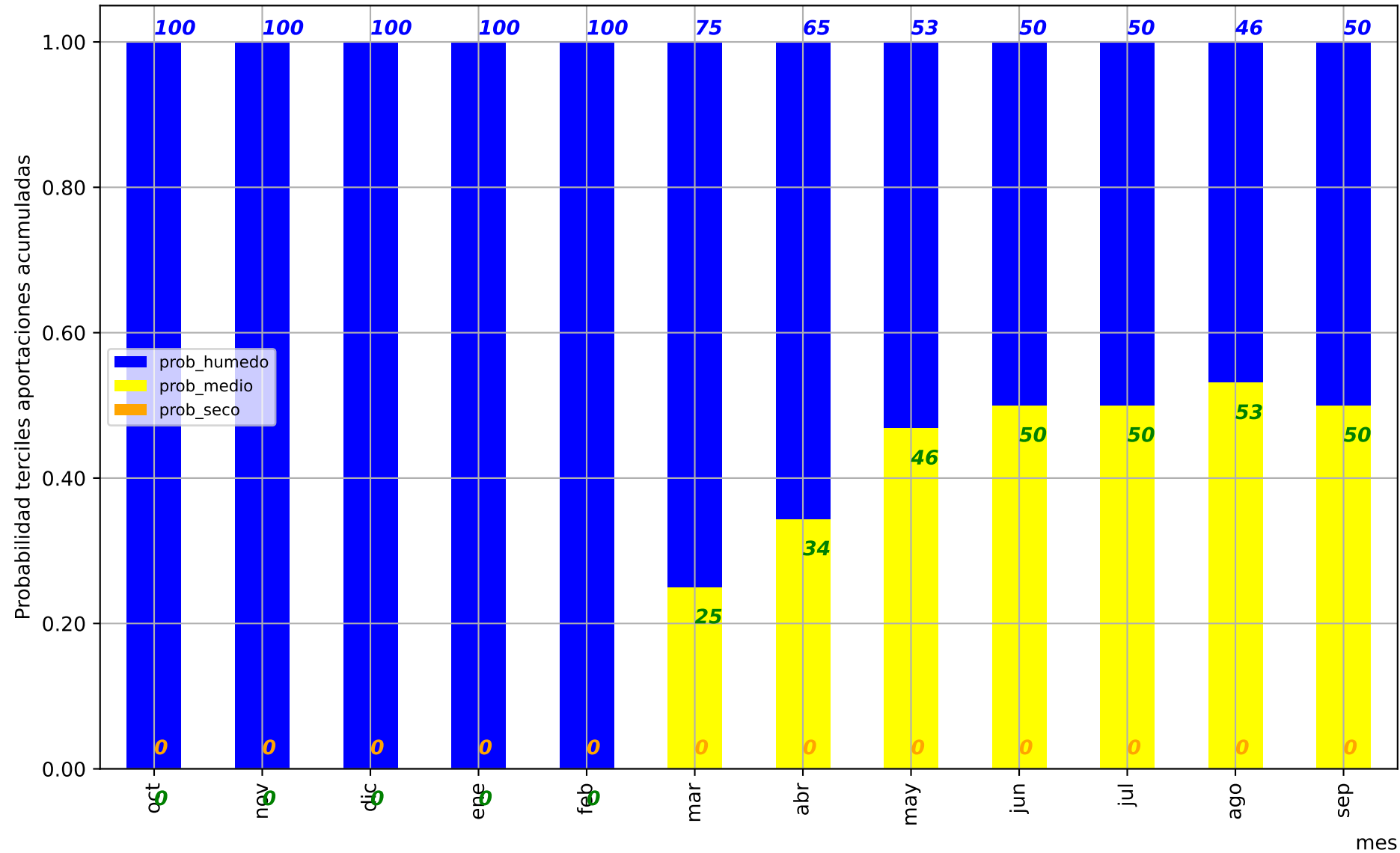


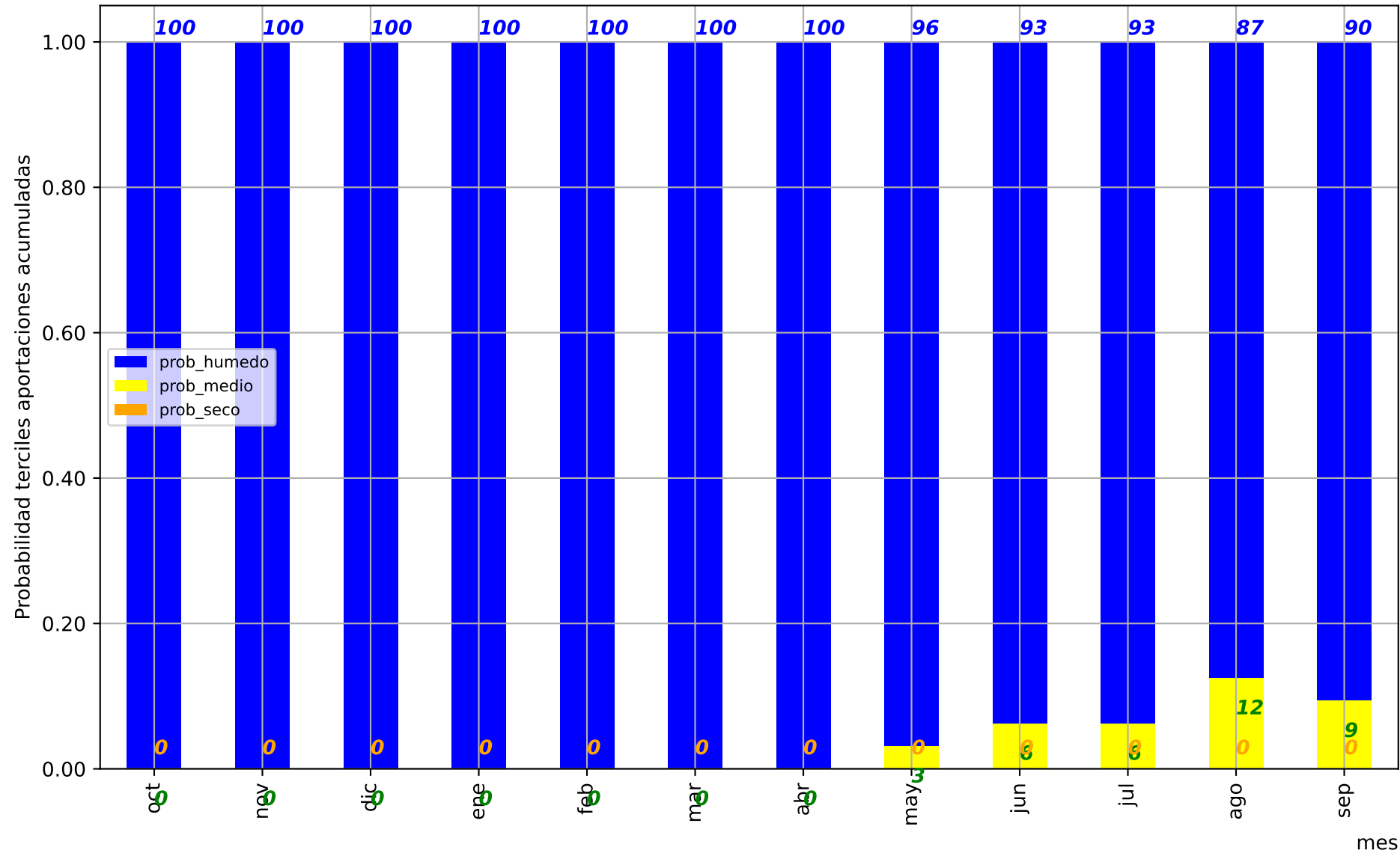


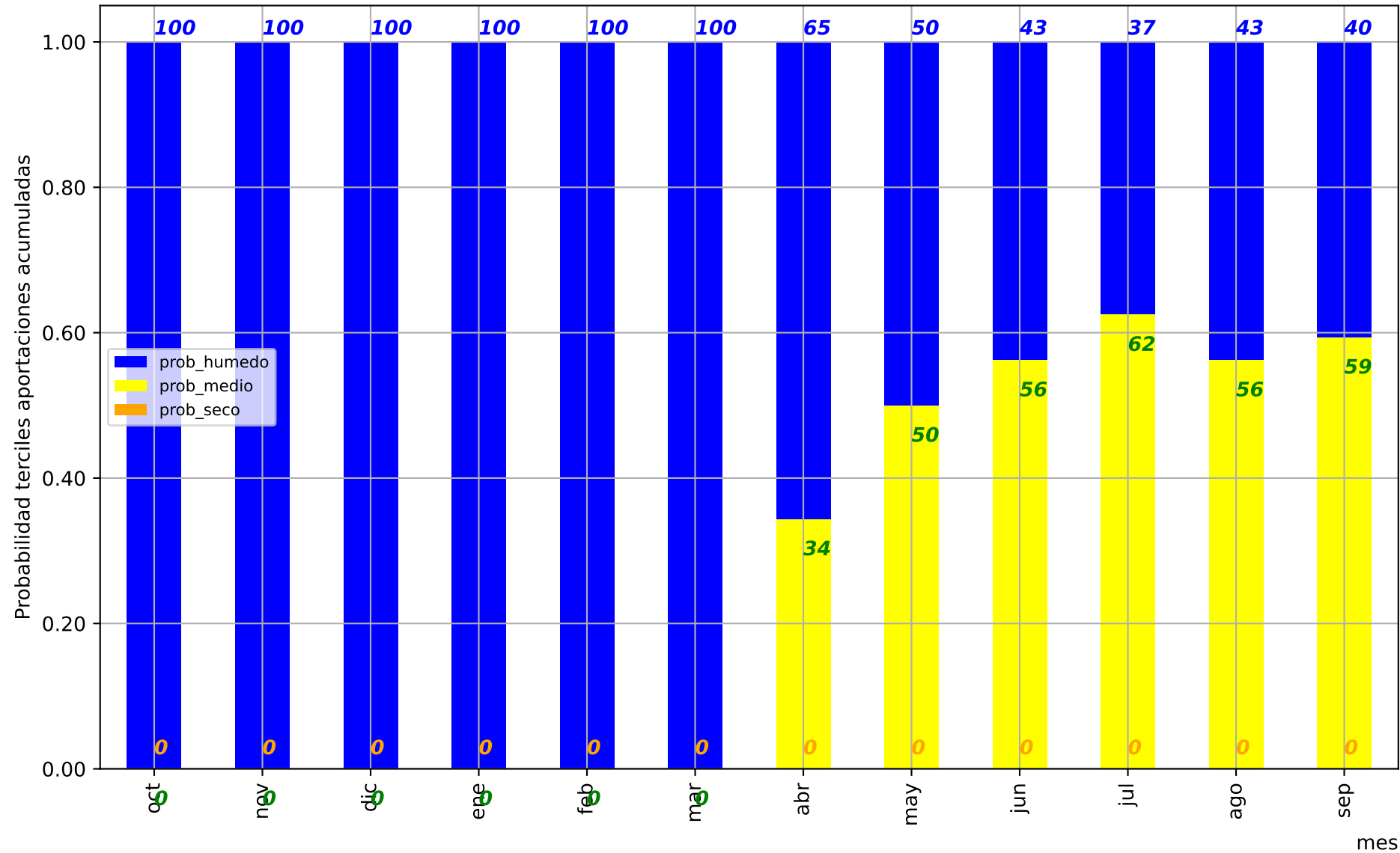


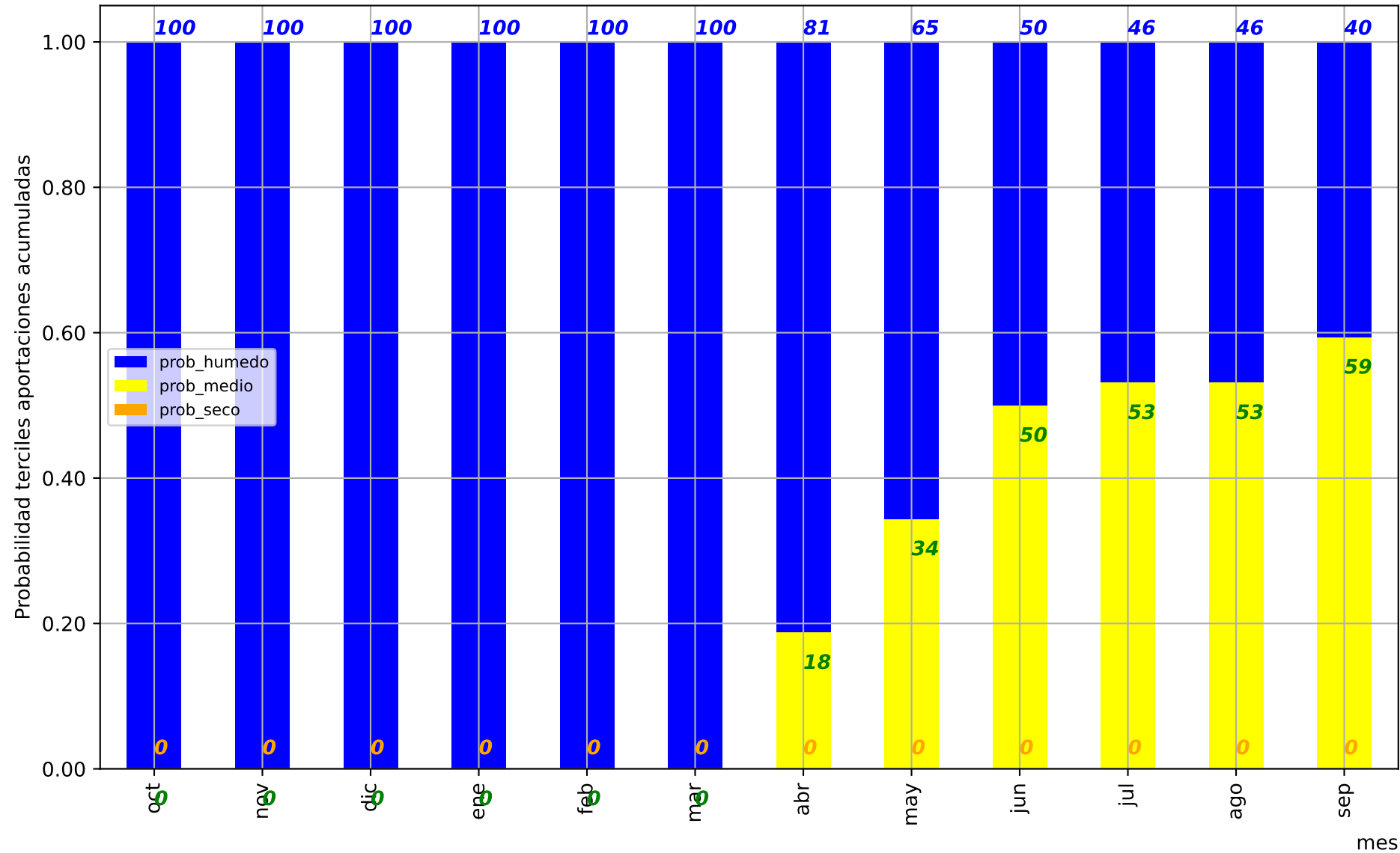


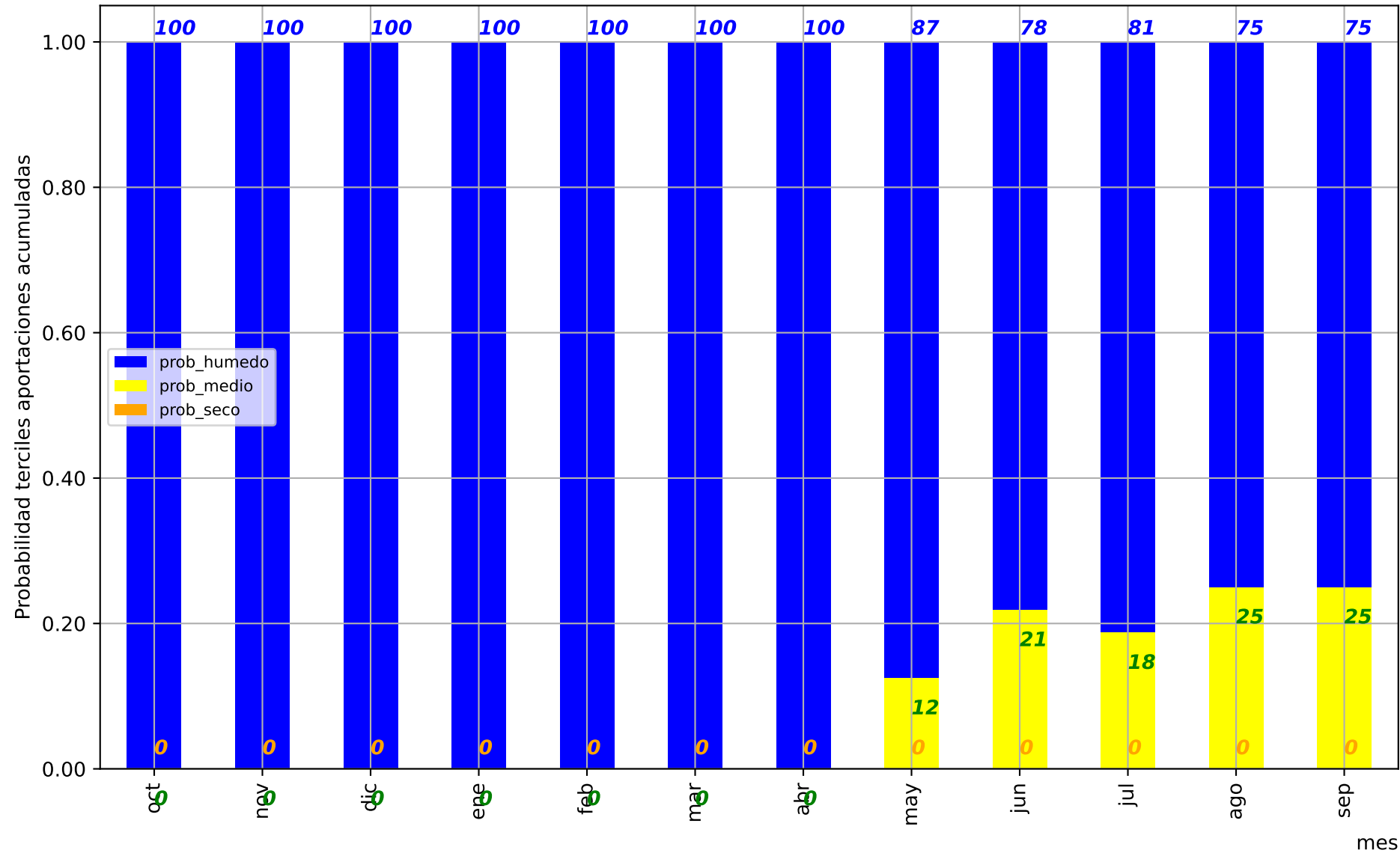


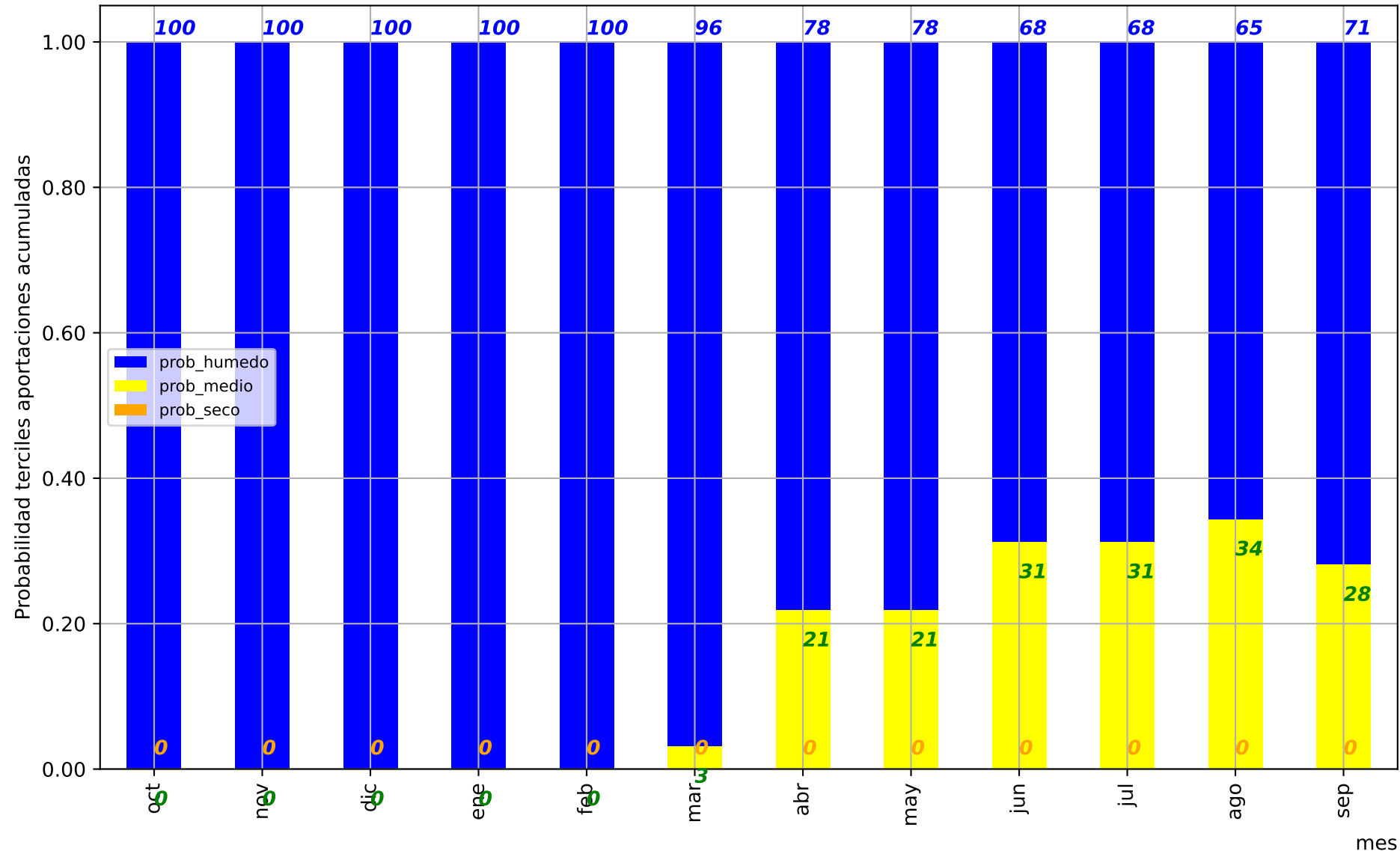












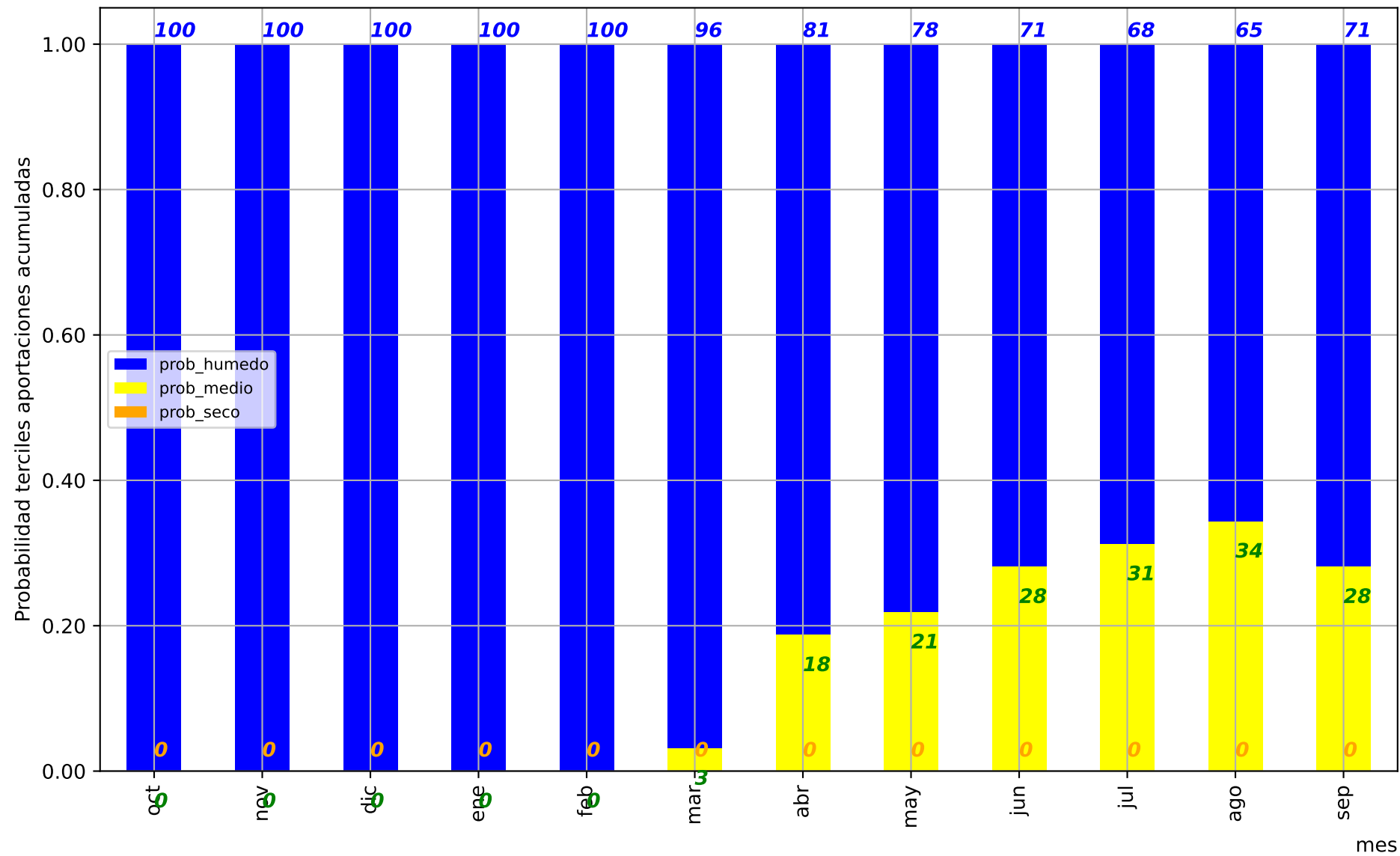


Tabla resumen aportaciones anuales naturales

Ratio respecto la aportación anual media en régimen natural

Valor = 1.00 => Predicción = Aportación anual media en régimen natural

Valor centrado y horquilla de variación

p50%Obs, p50%Resto. Ratio p50%, Horquilla: Ratio p25% - Ratio p75%, p50ECMWF, cXH30, cYH30, q10, q25, q50, q75, q90, Nombre punto

0.60	0.33	0.93	0.76	1.15	71500	4649500	0.15	0.34	0.68	1.31	2.12	"Río Limia completo embalse de Linoso"
0.66	0.47	1.13	0.98	1.33	126500	4772500	0.30	0.48	0.87	1.33	1.82	"Río Miño en Lugo"
0.51	0.42	0.93	0.81	1.07	182500	4702500	0.31	0.50	0.80	1.25	1.91	"Río Sil medio embalse de Pumares"
0.54	0.42	0.96	0.81	1.09	68500	4678500	0.27	0.48	0.82	1.27	1.91	"Río Miño (embalse de Frieria)"
0.42	0.56	0.98	0.87	1.12	377500	4805500	0.54	0.70	0.92	1.21	1.59	"Río Deva (Cares) en desembocadura"
0.42	0.52	0.94	0.85	1.12	333500	4814500	0.50	0.64	0.90	1.23	1.69	"Río Sella en Ribadesella"
0.42	0.51	0.93	0.82	1.09	250500	4827500	0.45	0.63	0.94	1.23	1.71	"Río Nalón"
0.50	0.44	0.94	0.82	1.14	199500	4828500	0.36	0.55	0.87	1.31	1.82	"Río Navía"
0.51	0.40	0.91	0.76	1.05	131500	4643500	0.27	0.40	0.76	1.28	2.05	"UTS01: Río Támega en EA2818 (Rabal)"
0.40	0.44	0.84	0.71	1.04	524500	4636500	0.31	0.41	0.71	1.23	2.10	"Río Duero embalse de Cuerda del Pozo"
0.41	0.52	0.93	0.84	1.08	444500	4611500	0.43	0.54	0.81	1.20	1.76	"UTS08: Río Duero en EA2013 (Aranda de Duero)"
0.64	0.59	1.22	1.11	1.40	453500	4597500	0.41	0.53	0.79	1.21	1.77	"UTS09: Río Rianza embalse de Linares de Arrollo"
0.63	0.62	1.25	1.13	1.43	419500	4586500	0.38	0.53	0.80	1.25	1.81	"UTS09: Río Duratón embalse Vencias"
0.47	0.49	0.95	0.86	1.12	397500	4657500	0.41	0.52	0.80	1.24	1.83	"UTS07: Río Arlanza en EA2036 (Quintana del Puente)"
0.63	0.49	1.12	1.02	1.27	394500	4739500	0.43	0.57	0.85	1.21	1.81	"Río Pisuerga en el embalse de Aguilar de Campoo"
0.51	0.53	1.05	0.94	1.19	396500	4663500	0.44	0.56	0.86	1.23	1.79	"UTS06: Río Pisuerga en EA2029 (Cordovilla)"
0.46	0.53	1.00	0.90	1.12	348500	4739500	0.49	0.60	0.86	1.20	1.71	"Río Carrión en Guardo"
0.43	0.55	0.97	0.89	1.07	371500	4657500	0.53	0.64	0.87	1.20	1.63	"UTS05: Río Carrión en EA2042 (Palencia)"

0.46	0.52	0.98	0.91	1.11	352500	4609500	0.49	0.58	0.85	1.22	1.77	"Río Pisuerga en Valladolid"
0.48	0.46	0.95	0.85	1.10	368500	4586500	0.38	0.50	0.75	1.22	1.97	"UTS10: Río Cega en EA2518 (Megeces)"
0.36	0.31	0.68	0.57	0.91	346500	4599500	0.22	0.39	0.70	1.26	2.24	"Río Adaja completo"
0.44	0.50	0.95	0.87	1.08	269500	4597500	0.47	0.58	0.82	1.21	1.77	"Río Duero en Zamora"
0.51	0.50	1.01	0.91	1.13	281500	4650500	0.45	0.59	0.87	1.18	1.74	"UTS04: Río Esla en EA2074 (Castropepe)"
0.41	0.48	0.89	0.82	1.02	275500	4653500	0.48	0.59	0.81	1.18	1.82	"UTS03: Río Órbigo en EA2079 Santa (Cristina de la Polvorosa)"
0.42	0.32	0.73	0.62	0.93	269500	4647500	0.23	0.34	0.64	1.30	2.32	"UTS02: Río Tera (Zamora) en EA2099 (Mózar de Valverde)"
0.45	0.48	0.93	0.86	1.06	234500	4607500	0.48	0.59	0.84	1.20	1.80	"Río Duero aguas arriba del Tormes (emb Castro, Villalcampo)"
0.51	0.31	0.81	0.73	1.02	221500	4574500	0.30	0.43	0.67	1.33	2.01	"Río Tormes embalse de La Almendra"
0.46	0.46	0.91	0.85	1.07	184500	4557500	0.47	0.57	0.82	1.20	1.83	"Río Duero en embalse Saucelle"
0.40	0.33	0.74	0.64	0.89	180500	4549500	0.28	0.39	0.66	1.11	2.09	"UTS11: Río Huebra en EA2531 (Saucelle)"
0.46	0.45	0.91	0.84	1.06	172500	4549500	0.46	0.56	0.81	1.19	1.84	"Río Duero en la frontera (San Martín)"
0.52	0.35	0.86	0.76	1.02	190500	4506500	0.28	0.41	0.63	1.27	2.07	"UTS11: Río Águeda en EA2505 (Saelices el Chico)"
0.58	0.55	1.13	0.99	1.36	535500	4505500	0.30	0.48	0.83	1.24	2.00	"Río Tajo en Trillo"
0.57	0.53	1.09	0.92	1.30	521500	4483500	0.28	0.46	0.79	1.22	2.02	"Río Tajo embalse de Entrepeñas"
0.48	0.43	0.90	0.78	1.11	518500	4472500	0.23	0.42	0.72	1.20	2.14	"Río Guadiela-Tajo embalse de Buendía"
0.52	0.48	1.00	0.85	1.19	515500	4468500	0.26	0.45	0.76	1.22	2.07	"Río Tajo embalse de Bolarque"
0.51	0.47	0.98	0.83	1.20	448500	4432500	0.25	0.43	0.74	1.21	2.10	"Río Tajo en Aranjuez"
0.60	0.44	1.03	0.90	1.23	532500	4521500	0.24	0.42	0.74	1.22	2.16	"Río Tajuña embalse de Tajera"
0.53	0.24	0.76	0.60	1.13	499500	4538500	0.04	0.15	0.45	1.32	2.94	"Río Bornoba embalse de Alcorlo (Henares)"
0.46	0.34	0.80	0.59	1.09	483500	4531500	0.13	0.27	0.61	1.24	2.51	"Río Sorbe embalse de Beleña (Henares)"
0.51	0.34	0.85	0.67	1.11	461500	4524500	0.15	0.31	0.68	1.28	2.31	"Río Jarama aguas abajo confluencia con el Lozoya"

0.49 0.39 0.88 0.76 1.13 389500 4409500 0.25 0.41 0.74 1.23 2.10 "Río Tajo en Castrejón"

0.59	0.19	0.78	0.64	0.96	381500	4387500	0.02	0.08	0.36	1.24	3.04	"Embalse del Torcón (Restituida)"
0.71	0.24	0.95	0.83	1.20	389500	4469500	0.19	0.30	0.58	1.26	2.27	"Río Alberche embalse de San Juan"
0.87	0.25	1.12	1.00	1.26	302500	4442500	0.19	0.31	0.60	1.38	2.25	"Río Tietar embalse de Rosarito"
0.76	0.23	1.00	0.83	1.20	287500	4373500	0.02	0.14	0.47	1.40	2.55	"Río Santa Lucia en el embalse de Santa Lucia"
0.47	0.18	0.65	0.50	0.93	216500	4376500	0.04	0.13	0.47	1.44	2.55	"Embalse de Guadiloba (Restituida)"
0.66	0.36	1.01	0.87	1.22	263500	4474500	0.21	0.41	0.69	1.41	2.29	"Río Cuerpo de Hombre en Bejar (Restituida)"
0.57	0.25	0.82	0.69	1.02	233500	4457500	0.14	0.28	0.61	1.33	2.40	"Río Alagón embalse de Gabriel y Galan"
0.60	0.29	0.89	0.74	1.18	252500	4461500	0.13	0.31	0.65	1.41	2.29	"Confluencia río Ambroz y río Baños"
0.79	0.26	1.05	0.91	1.28	240500	4439500	0.16	0.31	0.66	1.42	2.40	"Río Jerte embalse de Jerte"
0.66	0.16	0.82	0.70	1.10	195500	4448500	0.03	0.11	0.40	1.49	2.70	"Río Arrago en el embalse de Borbollón"
0.62	0.29	0.91	0.80	1.13	146510	4398500	0.20	0.35	0.60	1.35	2.24	"Río Tajo cola embalse del Cedillo"
0.16	0.19	0.35	0.31	0.41	485500	4348500	0.21	0.38	0.59	1.09	2.47	"Río Gadiana embalse de Gadiana II"
0.31	0.31	0.62	0.59	0.73	413500	4323500	0.33	0.42	0.60	1.07	2.17	"Río Gadiana embalse de El Vicario"
0.53	0.20	0.73	0.63	0.86	208500	4314500	0.12	0.19	0.41	1.06	2.86	"Río Gadiana en Merida"
0.51	0.20	0.71	0.61	0.85	151500	4309500	0.12	0.19	0.41	1.07	2.87	"Río Gadiana azud de Badajoz, zona española"
0.10	0.27	0.38	0.27	0.55	517500	4225500	0.18	0.35	0.67	1.24	2.22	"Río Guadalquivir embalse del Tranco de Beas"
0.18	0.32	0.50	0.44	0.61	479500	4197500	0.39	0.51	0.72	1.15	1.84	"Río Gadiana Menor desembocadura en el Guadalquivir"
0.16	0.20	0.36	0.30	0.49	443500	4207500	0.16	0.27	0.48	1.05	2.38	"Río Guadalimar completo"
0.30	0.12	0.42	0.34	0.60	424500	4212500	0.04	0.10	0.29	0.94	2.80	"Río Rumberal completo"
0.43	0.12	0.55	0.47	0.72	412500	4224500	0.02	0.08	0.28	1.00	2.59	"Río Jandula embalse de Encinarejo"
0.20	0.26	0.46	0.37	0.56	396500	4213500	0.25	0.36	0.57	1.06	2.26	"Río Guadalquivir embalse de El Marmolejo"
0.59	0.06	0.65	0.61	0.79	357500	4203500	0.02	0.04	0.17	0.85	3.04	"Río Guadalquivir embalse de San Rafael"
0.24	0.23	0.47	0.38	0.57	346500	4193500	0.21	0.32	0.50	1.06	2.36	"Río Guadalquivir en Cordoba"

0.19	0.37	0.56	0.43	0.70	447500	4113500	0.33	0.47	0.71	1.20	2.03	"Río Genil en Granada"
0.19	0.31	0.50	0.44	0.58	376500	4126500	0.35	0.45	0.68	1.18	1.97	"Río Genil embalse de Iznajar"
0.19	0.27	0.46	0.40	0.53	297500	4174500	0.29	0.37	0.60	1.16	2.08	"Río Genil completo (Presa del Judío)"
0.77	0.30	1.07	1.00	1.25	245500	4179500	0.17	0.27	0.48	1.09	2.71	"Río Viar embalse de Los Melonares"
0.89	0.19	1.07	0.99	1.32	225500	4179500	0.08	0.14	0.28	1.10	3.06	"Rivera de Cala embalse de Cala"
0.71	0.29	1.01	0.92	1.21	196500	4201500	0.17	0.26	0.46	1.31	2.52	"Rivera de Huelva embalse de la Aracena"
0.76	0.32	1.08	0.98	1.28	211500	4188500	0.17	0.27	0.45	1.32	2.66	"Rivera de Huelva embalse de Zufre"
0.78	0.28	1.06	0.97	1.27	219500	4174500	0.15	0.24	0.42	1.28	2.78	"Rivera de Huelva embalse de La Minilla"
0.80	0.23	1.03	0.94	1.25	230500	4162500	0.12	0.19	0.37	1.21	2.90	"Rivera de Huelva embalse de El Gergal"
0.42	0.27	0.69	0.62	0.81	234500	4138500	0.21	0.32	0.51	1.10	2.35	"Río Guadalquivir en Sevilla"
0.45	0.27	0.72	0.65	0.84	201500	4078500	0.20	0.31	0.51	1.11	2.39	"Río Guadalquivir (Sanlúcar) (Restituido)"
0.12	0.28	0.40	0.28	0.57	570500	4250500	0.25	0.44	0.72	1.23	2.02	"Río Segura embalse de La Fuensanta"
0.23	0.40	0.63	0.57	0.73	617500	4243500	0.49	0.62	0.84	1.17	1.69	"Río Mundo embalse de Camarillas"
0.20	0.35	0.54	0.47	0.65	665500	4205500	0.41	0.56	0.80	1.17	1.82	"Río Segura en Murcia"
0.18	0.33	0.52	0.44	0.61	706500	4221500	0.40	0.55	0.78	1.15	1.81	"Río Segura desembocadura"
0.58	0.59	1.17	1.11	1.33	709500	4440500	0.64	0.71	0.87	1.13	1.44	"Embalse de Arenós"
0.75	0.45	1.21	1.15	1.44	755500	4422500	0.44	0.54	0.72	1.05	1.78	"Río Mijares: delta del Mijares - mar"
0.72	0.56	1.27	1.14	1.53	663500	4399500	0.39	0.50	0.77	1.24	1.82	"Embalse de Benagéber"
0.76	0.54	1.30	1.21	1.49	728500	4367500	0.47	0.57	0.79	1.16	1.68	"Río Turia: nuevo cauce - mar"
0.41	0.61	1.01	0.85	1.17	573500	4436500	0.37	0.52	0.85	1.27	1.87	"Río Júcar: azud de Villalba - río Huécar"
0.36	0.50	0.86	0.71	1.01	576500	4380500	0.33	0.49	0.80	1.28	1.95	"Embalse de Alarcón"
0.46	0.51	0.97	0.89	1.13	628500	4378500	0.42	0.55	0.80	1.16	1.77	"Embalse de Contreras"
0.37	0.47	0.85	0.77	0.95	703500	4334500	0.46	0.60	0.84	1.17	1.70	"Embalse de Tous"

0.49	0.48	0.97	0.89	1.09	737500	4338500	0.46	0.61	0.84	1.15	1.74	"Desembocadura del Júcar"
0.51	0.53	1.04	0.91	1.22	504500	4725500	0.47	0.62	0.90	1.23	1.66	"Río Ebro en Miranda de Ebro"
0.51	0.53	1.04	0.92	1.22	540500	4704500	0.46	0.62	0.88	1.22	1.67	"Río Ebro embalse de el Cortijo"
0.33	0.38	0.71	0.55	0.95	563500	4674500	0.21	0.36	0.65	1.30	2.20	"Río Cidacos en Arnedillo"
0.52	0.56	1.08	0.94	1.26	648500	4719500	0.35	0.58	0.86	1.23	1.87	"Río Aragón embalse de Yesa"
0.51	0.52	1.03	0.89	1.22	603500	4676500	0.40	0.59	0.87	1.23	1.78	"Río Aragón desembocadura en el Ebro (Restituida)"
0.50	0.52	1.02	0.89	1.18	607500	4670500	0.45	0.62	0.87	1.23	1.71	"Río Ebro en Castejón"
0.52	0.18	0.70	0.57	0.98	641500	4639500	0.04	0.09	0.34	1.08	2.97	"Río Arba completo desembocadura en el Ebro"
0.78	0.69	1.47	1.30	1.68	632500	4551500	0.38	0.53	0.80	1.23	1.75	"Río Jiloca en Daroca"
0.61	0.61	1.22	1.12	1.39	657500	4625500	0.51	0.60	0.78	1.16	1.67	"Río Jalón completo desembocadura en el Ebro"
0.51	0.54	1.05	0.88	1.22	679500	4614500	0.35	0.48	0.81	1.19	1.94	"Río Gállego completo desembocadura en el Ebro"
0.51	0.53	1.03	0.91	1.19	676500	4614500	0.47	0.63	0.86	1.22	1.71	"Río Ebro en Zaragoza"
0.88	0.62	1.49	1.39	1.69	751500	4558500	0.46	0.61	0.79	1.10	1.59	"Río Guadalope embalse de Caspe"
0.52	0.53	1.06	0.94	1.20	774500	4584500	0.48	0.63	0.85	1.23	1.71	"Río Ebro en el embalse de Mequinenza"
0.51	0.58	1.08	0.93	1.26	779500	4593500	0.41	0.55	0.81	1.18	1.80	"Río Cinca completo desembocadura en el Segre"
0.36	0.48	0.84	0.70	1.02	855500	4669500	0.41	0.53	0.77	1.15	1.78	"Río Segre en el embalse de Oliana"
0.37	0.57	0.93	0.80	1.08	803500	4614500	0.48	0.58	0.82	1.18	1.69	"Río Segre en el aforo de Lleida"
0.44	0.57	1.01	0.88	1.16	776500	4586500	0.46	0.58	0.83	1.19	1.81	"Río Segre completo"
0.50	0.56	1.06	0.94	1.23	797500	4569500	0.51	0.63	0.85	1.19	1.67	"Río Ebro en el embalse de Flix"
0.51	0.56	1.06	0.94	1.23	796500	4525500	0.51	0.64	0.85	1.19	1.68	"Río Ebro en el aforo E-27 Tortosa"