

## FACTORES DE RUTINA DE NATACIÓN ARTÍSTICA 2026

En vigor a partir del 1 de enero de 2026

### Ajustes de los factores de rutina 2026 basados en el análisis de datos de 2025

Muchas gracias a nuestra fantástica comunidad mundial de Natación Artística por proporcionarnos comentarios sobre cómo deben mejorarse los factores para rendir mejor en la temporada 2026. Sin su aporte y su disposición a probar estos factores, no habría sido posible completar este ajuste. Estos factores seguirán siendo supervisados de cerca por World Aquatics.

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### JUSTIFICACIÓN – RUTINAS ACROBÁTICAS Y TÉCNICAS

- En todas las rutinas técnicas el equilibrio deseado es 60 % resultado de Elementos, 40 % resultado de Impresión Artística. No se quiere ver que el resultado de Elementos supere el 60% como techo/máx.
- Rutina Acrobática: 60 % Elementos (Acros), 40 % Impresión Artística.
- Asegurar el establecimiento de los objetivos marcados vía cálculos matemáticos.
- Ajustar los factores para mitigar el riesgo de que los resultados lleguen demasiado altos cuando 3 eventos deban sumarse (1000+ no puede ocurrir)
- Test continuo para ver si se cumplen los objetivos propuestos o no.
- Asegurar seguir testando con un amplio espectro (elevado DD/resultado y Bajo DD/ resultado) para asegurar que las matemáticas funcionan.

### JUSTIFICACIÓN – RUTINAS LIBRES

- En Solo, Dúo y Equipo Libre el equilibrio deseado es: 50 % Elementos / 50 % Impresión Artística.
- En Dúo Mixto Libre: un mínimo de 60–65 % Artístico, y máximo 35–40 % Elementos.
- En Combinado Libre (Infantil / Alevín) el equilibrio deseado es de 40 % Elementos / 60 % Artístico.
- Implementación de factor Figuras en Juvenil y 12U (40 % Figuras / 60 % Rutina).
- Asegurar el establecimiento de los objetivos marcados vía cálculos matemáticos.
- Ajustar los factores para mitigar el riesgo de que los resultados lleguen demasiado altos cuando 3 eventos deban sumarse (1000+ no puede ocurrir)
- Para alcanzar los objetivos, uso de la estrategia de reducción de los factores de Elementos, y calibrar los factores de IA (no solo incrementar los factores de IA).

- Asegurar seguir testando con un amplio espectro (elevado DD/resultado y Bajo DD/ resultado) para asegurar que las matemáticas funcionan.
- Para Infantil y Alevín se implementa un Factor de Figuras para equilibrar el resultado total en 60% rutina, 40% Figuras, siendo la justificación la siguiente:
  - Los entrenadores no están entrenando las Figuras preocupándose por su resultado debido a que no tiene suficiente impacto, y esto afecta al desarrollo del deportista, las Figuras deben importar.
  - Haciendo referencia a los Factores de Figuras y su cálculo específico por evento:
    - Como el número y tipo de elementos varía entre los eventos, así como el DD esperado y las puntuaciones de los jueces, los resultados finales de rutinas serán diferentes entre los eventos.
    - Para asegurar de que las Figuras tienen el peso objetivo sobre el resultado final (40%) en cada evento y grupo de edad, los Factores de Figuras también deben adaptarse para soportar la variación entre los resultados de los eventos.

**ALEVÍN: World Aquatics no tiene suficientes datos de esta categoría y es por ello que su recomendación es no realizar cambios hasta no disponer de más datos. Datos Nacionales/Continetales y recomendaciones son bienvenidos.**

**ACROBATIC & TECHNICAL ROUTINES**

Recommended factors are based on goal weights desired (percentages in blue):						
	<i>Elements 60%</i>			<i>Artistic Impression 40%</i>		
ACRO ROUTINE	Acro	Hybrid	TRE	ChMu	Perf	Trans
Goals and current factors:	100%	-	-	35%	30%	35%
	0.6	-	-	1.2	1.0	1.2
Recommendation:	0.6	-	-	1.2	1.0	1.2
Event summary:	This event is reaching World Aquatics goals for top routines within an acceptable range of tolerance. No change is recommended for 2026.					
TECH SOLO	Acro	Hybrid	TRE	ChMu	Perf	Trans
Goals and current factors:	-	20%	80%	35%	30%	35%
	-	0.2	1.0	1.4	1.2	1.4
Recommendation:	-	0.2	1.0	1.4	1.2	1.4
Event summary:	This event is reaching World Aquatics goals for top routines within an acceptable range of tolerance. No change is recommended for 2026.					
TECH W DUET	Acro	Hybrid	TRE	ChMu	Perf	Trans
Goals and current factors:	10%	20%	70%	35%	30%	35%
	1.0	0.2	1.1	1.6	1.4	1.6
Recommendation:	1.0	0.2	1.1	1.6	1.4	1.6
Event summary:	This event is reaching World Aquatics goals for top routines within an acceptable range of tolerance for the latest events of the season. No change is recommended for 2026.					
TECH MIXED DUET	Acro	Hybrid	TRE	ChMu	Perf	Trans
Goals and current factors:	20%	30%	50%	35%	30%	35%
	0.8	0.2	1.0	1.3	1.1	1.3
Recommendation:	0.8	0.2	1.0	1.3	1.1	1.3
Event summary:	This event is reaching World Aquatics goals for top routines within an acceptable range of tolerance, given the speed of evolution of mixed duets. No change is recommended for 2026.					
TECH TEAM	Acro	Hybrid	TRE	ChMu	Perf	Trans
Goals and current factors:	10%	30%	60%	35%	30%	35%
	0.8	0.2	1.0	1.5	1.3	1.5
Recommendation:	0.8	0.2	1.0	1.5	1.3	1.5
Event summary:	This event is reaching World Aquatics goals for top routines within an acceptable range of tolerance for the latest events of the season. No change is recommended for 2026.					

**JUNIOR AND SENIOR FREE ROUTINES**

Recommended factors based on goal weights desired (percentages in blue):					
<b>SOLO</b>	<b>Acro</b>	<b>Hybrid</b>	<b>ChMu</b>	<b>Perf</b>	<b>Trans</b>
<b>Goals and current factors:</b>	50% Elements		50% Artistic Impression		
	-	100%	27.5%	27.5%	45%
	-	0.3	1.4	1.2	1.4
<b>Recommendation:</b>	-	0.3	1.4	1.4	2.3
<b>Event summary:</b>	Artistic Impression weight is slightly below the 50% goal established by World Aquatics for top routines. Recommendation to increase artistic factors to 1.4/1.4/2.3 – with Transitions valued more for well-balanced routines.				
<b>WOMEN'S DUET</b>	<b>Acro</b>	<b>Hybrid</b>	<b>ChMu</b>	<b>Perf</b>	<b>Trans</b>
<b>Goals and current factors:</b>	50% Elements		50% Artistic increase		
	20%	80%	27.5%	27.5%	45%
	0.8	0.3	1.6	1.4	1.6
<b>Recommendation:</b>	0.8	0.3	1.4	1.4	2.3
<b>Event summary:</b>	This event is reaching World Aquatics goals for top routines (50/50 balance) within an acceptable range of tolerance. Recommendation to adjust AI factors so Transitions valued more for well-balanced routines.				
<b>MIXED DUET</b>	<b>Acro</b>	<b>Hybrid</b>	<b>ChMu</b>	<b>Perf</b>	<b>Trans</b>
<b>Goals and current factors:</b>	35-40% Elements		60-65% Artistic Impression		
	40%	60%	27.5%	27.5%	45%
	1.0	0.3	2.2	2.0	2.2
<b>Recommendation:</b>	0.8	0.2	1.6	1.6	2.6
<b>Event summary:</b>	Element's weight is slightly above the 35-40% goal established by World Aquatics. Balance between acro and hybrids needs to be adjusted to meet 40%/60% respective goals. Recommendation to lower acro factor to 0.8 and hybrid to 0.2. Recommendation to adjust AI factors so Transitions valued more for well-balanced routines.				
<b>TEAM</b>	<b>Acro</b>	<b>Hybrid</b>	<b>ChMu</b>	<b>Perf</b>	<b>Trans</b>
<b>Goals and current factors:</b>	50% Elements		50% Artistic Impression		
	30%	70%	27.5%	27.5%	45%
	0.6	0.3	1.8	1.6	1.8
<b>Recommendation:</b>	0.4	0.2	1.3	1.3	2.2
<b>Event summary:</b>	Artistic Impression weight is below the 50% goal established by World Aquatics for top routines. Within AI score Transitions need to be valued more for well-balanced routines. Recommendation to reduce Acro and Hybrid factors and adjust Artistic impression factors to achieve revised goal weights.				

**YOUTH**

Recommended factors based on goal weights desired (percentages in blue):						
SOLO	Acro	Hybrid	ChMu	Perf	Trans	Figures
Goals and current factors:	50% Elements		50% Artistic Impression			40% of total score
	-	100%	27.5%	27.5%	45%	
	-	0.4	1.4	1.2	1.4	1.6
Recommendation		0.3	1.3	1.3	2.1	1.8
Event summary:	Elements weight is slightly above the 50% goal established by World Aquatics for top routines. Hybrid factor recommended to be lowered to 0.3. Recommendation to adjust AI factors so Transitions valued more for well-balanced routines. Figures adjusted to ensure worth 40% of total score.					
WOMEN'S DUET	Acro	Hybrid	ChMu	Perf	Trans	Figures
Goals and current factors:	50% Elements		50% Artistic Impression			40% of total score
	20%	80%	27.5%	27.5%	45%	
	1.3	0.3	1.2	1.0	1.2	1.4
Recommendation	1.3	0.2	1.0	1.0	1.6	1.5
Recommendation	Hybrid weight is above the 80% goal established by World Aquatics for top routines, recommend reducing to 0.2. Recommendation to adjust AI factors so Transitions valued more for well-balanced routines. Figures adjusted to ensure worth 40% of total score.					
MIXED DUET	Acro	Hybrid	ChMu	Perf	Trans	Figures
Goals and current factors:	35-40% Elements		60-65% Artistic Impression			40% of total score
	40%	60%	27.5%	27.5%	45%	
	1.2	0.3	1.8	1.6	1.8	1.6
Recommendation	0.9	0.2	1.3	1.3	2.1	1.6
Event summary:	Elements weight is above the 35-40% goal established by World Aquatics for top routines. Acro weight is below 40%. Recommend 0.9 Acro, 0.2 Hybrid. Recommendation to adjust AI factors so Transitions valued more for well-balanced routines. Figures factor does not require adjustment.					
TEAM	Acro	Hybrid	ChMu	Perf	Trans	Figures
Goals and current factors:	50% Elements		50% Artistic Impression			40% of total score
	30%	70%	27.5%	27.5%	45%	
	0.6	0.4	1.4	1.2	1.4	1.8
Recommendation	0.5	0.2	1.3	1.3	2.2	2.0
Event summary:	Elements weight is above the 50% goal established by World Aquatics for top routines. Acro weight is below 30%. Figures weight needs to be adjusted to meet 40% goal. Recommend 0.5 Acro, 0.2 Hybrid, 2.0 Figures. Align with revised Free Team Artistic Impression weights for ChMu, Perf, Trans.					
COMBO	Acro	Hybrid (Incl. ChoHY)	ChMu	Perf	Trans	Figures
Goals and current factors:	40% Elements		60% Artistic Impression			n/a
	30%	70%	27.5%	27.5%	45%	
	0.5	0.4	1.8	1.6	1.8	
Recommendation	0.4	0.2	1.6	1.6	2.6	
Event summary:	Elements weight is above the 40% goal established by World Aquatics for top routines. Acro weight is below 30%. Recommend Acro 0.4 and Hybrid 0.2. Align with revised Free Team Artistic Impression weights for ChMu, Perf, Trans.					