

Contests				
•name	string			
•city	string			
•start	date			
•region	string			

Sequences			
•k_values	int array		
•total_k	integer		
•figure_count	ordinal		

Categories			
•category	string		
•aircat	PIG		
•name	string		
•sequence	ordinal		

Pilot Flight			
•pilot_id	id		
•flight_id	id		
•sequence_id	id		
•aircraft_id	id		

Scores		
•pilot_flight_id	id	
•judge_id	id	
•scores		

Judges (pair)		
•judge_id	id	
•assist_id	id	

Flights				
•contest_id	id			
•category_id	id			
•sequence	ordinal			
•chief_id	id			
•assist_id	id			

Member			
•given_name	string		
•family_name	string		
•iac_member	number integer		

pfj results		
•pilot_flight_id	id	
•judge_id	id	
•computed_stats	various	

jy results		
•judge_id	id	
•category_id	id	
•computed_stats	various	

c_results	
•contest_id	id
•category_id	id

f_results	
•flight_id	id
•c_result_id	id

jf results				
•f_result_id	id			
•c_result_id	id			
•judge_id	id			
•jc_result_id	id			
•computed_stats	various			

jc results		
•c_result_id	id	
•judge_id	id	
•computed_stats	various	

pc results		
•c_result_id	id	
•pilot_id	id	
•computed_stats	various	

pf results			
•pilot_flight_id	id		
•f_result_id	id		
•pc_result_id	id		
•computed_stats	various		

region_contests		
This many to many relationship is necessary because the nationals can apply to more than one region for a pilot.		
•pc_result_id	id	
•regional_pilot_id	id	

regional_pilot					
•pilot	id				
•region	string				
•year	int				
•percentage	decimal				
•qualified	boolean				
•rank	int				