

Crossover analysis by cruise

Cruise	Crossover		Crossover TCO2		Crossover TALK		Crossover pH		Crossover FCO2		
			Average	StdDev	Average	StdDev	Average	StdDev	Average	StdDev	
A01E	A16N	20°W 52°N	-1.89	0.53	58.69	17.14					
A01W	A24	36.6°W 54°N	0.27	1.05	-9.67	7.96					
	A24	31°W 46.2°N	-3.15	0.47	-14.99	4.58					
	A02	31.6°W 45.8°N	-0.81	1.43	-16.02	8.44					
A02	A20	50°W 43.5°N	2.08	6.77	11.39	13.87					
	A01W	31.6°W 45.8°N	0.81	1.43	16.02	8.44					
	A24	30.8°W 46.1°N	-1.33	1.34	3.18	1.84					
	A24	11.2°W 49.2°N	-0.06	7.6	4.28	2.39					
A05	A22	66°W 24.2°N	3.42	3.1	2.13	4.69	-0.04	0.01			
	A20	52.3°W 24.2°N	2.6	2.63	5.97	9.93	-0.002	0.005			
	A16N	27°W 24°N	5.52	7.92	5.55	6.91	-0.01	0.02			
A05R	A22	66°W 24.2°N	2.46	1.34	-4.33	6.57	-0.01	0.002	-6.92	0.11	
	A20	52.3°W 24.2°N	4.1	2.26	5.71	1.66	-0.01	0.0005			
	A16N	26.8°W 24°N	0.05	0.55	2.3	1.28	0.002	0.002	-9.05	2.16	
A06	A17	44.5°W 7.4°N	5.38	14.93	2.21	11.81	-0.05	0.0002			
	A07	35°W 7.5°N	-12.95	2.5	-8.67	5.43	0.01	0.006			
	A16N	26.8°W 7°N	-0.54	1.6	9.3	-9.3	0.28	0.03			
	A15	19°W 7.5°N	23.33	9.2	32.3	11.05					
A07	A06	35°W 7.5°S	12.95	2.5	8.67	5.43	0.01	0.006			
	A13	4.8°E 4.7°S	-3.27	8.91							
	A14	8°W 4.5°S	24.68	2.39	24.93	2.25	-0.006	0.005			
	A17	35°W 2°N	20.77	7.49	12.02	4.92	-0.04	0.002			
	A17	30°W 5°S	3.25	2.47	0.34	7.78	-0.03	0.002			
	A16S	25°W 4°S	4.15	7.34							
	A16N	25°W 4.5°S	1.28	13.91	50.45	9.56	0.25	0.03			
A08	A17	30.4°W 11.4°S	-7.5	1.63							
	A16S	25°W 11°S	0.37	0.69	-3.75	0.07					
	A13	5°E 11.5°S	-2.2	0.57							
	A14	9°W 11.5°S	-0.34	0.13	-11.53	0.82					
	A15	19°W 11°S	-3.05	4.69							
A09	A17	30.8°W 18.8°S	-0.18	4.53	6.95	3.01					
	A13	5°E 19°S	4.2	2.26							
	A13	7°E 22.6°S	1.3	2.8							
	A14	9°W 19°S	1.34	2.21							
	A16S	25°W 19°S	-5.11	1.13							
	A15	19°W 19°S	7.69	1.64							
A10	A17	39°W 30°S	-1.23	1.04	-25.1	2.47					
	A13	10°E 29.8°S	-3.6	3.11							
	A14	9°W 30°S	-4.9	2.43							
	A16S	28.5°W 29.5°S	-1.04	1.04	-2.27	4.58					
	A15	19°W 30°S	3.84	1.42	0.56	1.29					
A12B A13	A13	10°E 40°S	6.7	1.56							
	A07	4.8°E 4.7°S	3.27	8.91							
	A08	5°E 11.5°S	2.2	0.57							
	A09	5°E 19°S	-4.2	2.26							
	A09	7°E 22.6°S	-1.3	2.8							
	A10	10°E 29.8°S	3.6	3.11							
	A12B	10°E 40°S	-6.7	1.56							
	A14	8°W 4.5°S	-24.68	2.39	-24.93	2.25	0.006	0.005			
A14	A08	9°W 11.5°S	0.34	0.13	11.53	0.82					
	A09	9°W 19°S	-1.34	2.21	2.72	1.74					
	A10	9°W 30°S	4.9	2.43							
	A15	A17	30.8°W 17.8°S	-1.05	1.47	-9.78	6.52				
		A16S	25°W 17°S	-1.68	2.97	7.56	5.31				
		A10	19°W 30°S	-3.84	1.42	-0.56	1.29				
		A06	19°W 7.5°N	-23.33	9.2	-32.3	11.05				
A09		19°W 19°S	-7.69	1.64							
A08	19°W 11°S	3.05	4.69								
A16S	A10	28.5°W 29.5°S	1.04	1.04	2.27	4.58					
	A09	25°W 19°S	5.11	1.13							
	A15	25°W 17°S	1.68	2.97	-7.56	5.31					
	A8	25°W 11°S	-0.37	0.69	3.75	0.07					
	A7	25°W 4°S	-4.15	7.34							
A16N	A05	27°W 24°N	-5.52	7.92	-5.55	6.91	0.01	0.02			
	A05R	26.8°W 24°N	-0.05	0.55	-2.3	1.28	-0.002	0.002	9.05	2.16	
	A06	26.8°W 7°N	0.54	1.6	-9.3	-9.3	-0.28	0.03			
	A07	25°W 4.5°S	-1.28	13.91	-23.22	14.73	-0.25	0.03			
	A01E	20°W 52°N	1.89	0.53	-58.69	17.14					
	A24	19.9°W 43.8°N	2.21	1.34	4.78	0.57	0.007	0.002	-4.2	4.72	
	A24	19.8°W 59.1°N	1.54	0.25	-1.12	2.43	0.005	0.004	-8.5	6.83	
A17	A06	44.5°W 7.4°N	-5.38	14.93	-2.21	11.81	0.05	0.0002			
	A10	39°W 30°S	1.23	1.04	25.1	2.47					
	A07	35°W 2°N	-20.77	7.49	-12.02	4.92	0.04	0.002			
	A07	30°W 5°S	-3.25	2.47	-0.34	7.78	0.03	0.002			
	A08	30.4°W 11.4°S	7.5	1.63							
	A09	30.8°W 18.8°S	0.18	4.53	-6.95	3.01					
	A15	30.8°W 17.8°S	1.05	1.47	9.78	6.52					
A20	A05	52.3°W 24.2°N	-2.6	2.63	-5.97	9.93	0.002	0.005			
	A05R	52.3°W 24.2°N	-4.1	2.26	-5.71	1.66	0.01	0.0005			
	A02	50°W 43.5°N	-2.08	6.77	-11.39	13.87					
A22	A05	66°W 24.2°N	-3.42	3.1	-2.13	4.69	0.04	0.01			
	A05R	66°W 24.2°N	-2.46	1.34	4.33	6.57	0.01	0.002	6.92	0.11	
A24	A01W	36.6°W 54°N	-0.27	1.05	9.67	7.96					
	A01W	31°W 46.2°N	3.15	0.47	14.99	4.58					
	A02	30.8°W 46.1°N	1.33	1.34	-3.18	1.84					
	A02	11.2°W 49.2°N	0.06	7.6	-4.28	2.39					
	A16N	19.9°W 43.8°N	-2.21	1.34	-4.78	0.57	-0.007	0.002	4.2	4.72	
	A16N	19.8°W 59.1°N	-1.54	0.25	1.12	2.43	-0.005	0.004	8.5	6.83	

note: crossover = cruise in column 1 (cruise)- cruise in column 2 (crossover)