2008-26 Chlorophyll precision

Precision statement for replicate samples drawn from a single Niskin bottle:

The pooled standard deviation for Chlorophyll:Extracted:Bottle for the range 0.17 to 1.39 mg/m^3 was 0.069,
        k = 12 (0 outlier removed) where k is the number of pairs of duplicates.

Pooled standard deviation of pairs of samples (Sp) was calculated by:
        Sp = SQRT{sum (d*d)/2k}
        where k = number of pairs and d = difference between pairs

Duplicate samples from a single Niskin bottle

Event Number	Sample Number	Station	Pressure dbar	Chlorophyll 1 mg/m^3	Chlorophyll 2 mg/m^3	Rejected yes / no	Comment
3	18	P2	25.2	1.32	1.26		
7	44	P4	39.7	0.33	0.34		
18	141	P8	50.3	0.43	0.36		
28	228	P12	30.5	0.45	0.44		
37	272	P16	39.9	0.43	0.41		
45	340	P2	74.0	0.38	0.41		
62	500	P26	19.8	0.68	0.73		
86	592	M4	24.5	1.37	1.22		
87	603	M3	50.2	1.15	0.91		
88	611	M2	75.6	0.20	0.22		
89	628	Ri1	10.0	1.39	1.24		
96	648	Ri2	20.5	0.17	0.17		