

**Supplementary Material Table S1:** Rates (%) of explained and cumulative explained variance by the first six PCs calculated for RQ dataset and RQhisto dataset.

	RQ dataset		RQhisto dataset	
	% Expl. Var.	% Cum. Expl. Var.	% Expl. Var.	% Cum. Expl. Var.
PC1	35.54	35.54	35.88	35.88
PC2	11.26	46.81	11.46	47.34
PC3	7.05	53.86	9.44	56.78
PC4	6.85	60.71	7.42	64.19
PC5	5.36	66.08	5.18	69.38
PC6	4.05	70.13	4.27	73.65