Appendix G. Relationship of filter-based FRM PM10 and PM2.5 to continuous methods for various sampling sites.

Samplers	**Y = ax + b**	**R^2**	**# samples**	**study Period**
Fresno Supersite				
SSI[1] - TEOM[2]10	Y = 0.83x - 9.8	0.95	10	1999 - 2000
SSI - BAM[3]10	Y = 1.108x - 23.24	0.76	10	1999 - 2000
RAAS[4] - BAM2.5	Y = 1.067x + 7.06	0.97	27	1999 - 2000
RAAS - TEOM2.5	Y = 0.418x + 3.17	0.31	27	1999 - 2000
Bakersfield, CA (Dutcher et al, 1999)				
SSI - BAM10	Y = 1.009x + 1.90	0.98	8	1998-1999
SSI - TEOM10	Y = 0.368x + 6.92	0.95	20	1998-1999
RAAS - BAM2.5win[5]	Y = 0.912x + 0.80	0.99	24	1998-1999
RAAS - BAM2.5scc[6]	Y = 0.97x + 3.25	0.99	24	1998-1999

[1] Size selective inlet, federal reference method
[2] Tapered element oscillating microbalance model 1400a operated @ 50°C.
[3] Beta attenuation monitor model 1020
[4] Reference ambient air monitor for, federal reference method
[5] PM2.5 BAM with WINS impactor
[6] PM2.5 BAM with cyclone separator