QSO	$z_{\rm abs}$	Δv	b(H I)	b(O VI)	log T	$b_{\rm th}$	$b_{\rm NT}$	NOTE
3c263	0.140756	11	62 ± 3	30 ± 2	5.28 ± 0.05	56 ± 2	27 ± 2	
pks0637	0.161064	8	162 ± 21	48 ± 5	6.19 ± 0.16	160 ± 11	27 ± 13	
pks0637	0.417539	18	46 ± 4	42 ± 6	4.36 ± 0.11	19 ± 9	42 ± 6	
pg1424	0.147104	0	29 ± 2	16 ± 6	4.58 ± 0.13	25 ± 2	15 ± 7	a
pg0003	0.347586	0	62 ± 3	30 ± 2	5.28 ± 0.05	56 ± 2	27 ± 2	
pg0003	0.386089	2	40 ± 4	25 ± 4	4.80 ± 0.11	32 ± 3	24 ± 5	
pg0003	0.386089	7	29 ± 0	25 ± 3	4.15 ± 0.07	15 ± 3	25 ± 3	
pg0003	0.421923	14	64 ± 3	27 ± 1	5.34 ± 0.05	60 ± 2	22 ± 1	b
pg1216	0.282286	9	22 ± 1	12 ± 5	4.34 ± 0.13	19 ± 2	11 ± 6	
1es1553	0.187764	10	37 ± 3	28 ± 5	4.58 ± 0.11	25 ± 2	27 ± 5	
1es1553	0.187764	26	51 ± 1	15 ± 3	5.19 ± 0.04	50 ± 1	8 ± 6	c
pg1222	0.378389	0	52 ± 4	34 ± 13	5.00 ± 0.17	41 ± 6	32 ± 15	
pg1222	0.378389	12	43 ± 1	29 ± 13	4.81 ± 0.19	33 ± 6	28 ± 14	
pg1222	0.378389	20	43 ± 1	18 ± 7	4.99 ± 0.12	40 ± 2	15 ± 9	d
pg1116	0.138527	0	71 ± 14	35 ± 3	5.39 ± 0.21	64 ± 8	31 ± 4	e
h1821	0.224981	8	84 ± 13	45 ± 1	5.51 ± 0.16	73 ± 8	41 ± 2	
pg1121	0.192393	0	60 ± 6	11 ± 16	5.35 ± 0.14	61 ± 4	nan $\pm$ nan	f
pks0405	0.167125	31	56 ± 9	41 ± 3	4.97 ± 0.47	39 ± 7	40 ± 3	g

a : Broad component (b=40 km/s) at v=216 km/s
b : Has one nearby HI also with b=26, which aligns more with O VI than the current component taken to calculate T
c : This BLA (at v=-28) is more aligned with O VI at v=-42, but its b value is very small (3 km/s). So calculating from other O VI
d : calculating again with O VI at v=18 with same H I (b=43)
e : Has one close H I comp also, but its b(H I) is less than that of O VI
f : b(H I) > 4b(O VI), so b_{NT} is not real
g : This O VI (v=-129) aligned with another H I (v=-127), but there b(O VI) > b(H I), so calculated with BLA at v=-158