Table 2. The association of IL-8 and TGF-β1 levels with the risk of RILT in 65 patients. Mean and standard deviation are obtained by calculating mean and standard deviation of long-transformed cytokine levels and ratios and then applying anti-log (exponentiation) to those values.

	Mean±sd (pg/ml)	OR 95% CI	p
Pre IL-8	11.1±3.2	0.62 (0.39, 0.99)	0.045
2w IL-8	9.2±3.5	0.84 (0.55, 1.31)	0.45
4w IL-8	11.8±2.9	0.75 (0.45, 1.27)	0.28
IL-8 2w/pre ratio	0.8±3.4	0.99 (0.97, 1.03)	0.73
IL-8 4w/pre ratio	1.1±2.9	0.99 (0.95, 1.04)	0.69
Pre TGF-β1	4.6±2.3	1.24 (0.62, 2.47)	0.54
2w TGF-β1	3.4±2.6	2.61 (1.23, 5.52)	0.012
4w TGF-β1	3.3±2.7	0.96 (0.80, 1.14)	0.61
TGF-β1 2w/pre ratio	1.1±1.0	2.30 (1.07, 4.97)	0.034
TGF-β1 4w/pre ratio	1.0±1.0	0.96 (0.54, 1.72)	0.9

Footnote: IL-8= Interleukin-8, TGF-β1= Transforming growth factor bata1

Table e1. The association of the levels of 30 cytokines with grade≥2 RILT in all 142 NSCLC patients in univariate analysis (cytokine levels are log-transformed).

	Pre Cytokine		2-week cytokine		4-week cytokine		2-week/pre cytokine		4-week/pre cytokine	
egf	0.941 (0.745, 1.19)	0.6045	0.959 (0.745, 1.23)	0.7407	0.861 (0.654, 1.12)	0.2757	0.923 (0.626, 1.03)	0.5252	0.871 (0.569, 1)	0.3521
eotaxin	0.733 (0.409, 1.28)	0.2822	0.639 (0.348, 1.14)	0.1366	0.667 (0.34, 1.27)	0.2269	0.867 (0.346, 1.22)	0.6443	1.03 (0.789, 1.26)	0.7428
fractal	1.03 (0.852, 1.25)	0.771	1.17 (0.963, 1.44)	0.1245	0.99 (0.81, 1.22)	0.9207	1 (0.951, 1.03)	0.9802	0.983 (0.91, 1.02)	0.4952
gcsf	0.917 (0.743, 1.13)	0.4196	0.902 (0.703, 1.16)	0.4156	0.919 (0.71, 1.2)	0.5221	1 (0.997, 1.01)	0.3129	1 (0.992, 1)	0.9486
gmcsf	0.943 (0.768, 1.15)	0.5678	0.934 (0.756, 1.15)	0.5174	0.942 (0.75, 1.18)	0.5997	0.991 (0.808, 1.06)	0.8475	0.961 (0.734, 1.07)	0.6382
ifnr	1.1 (0.837, 1.42)	0.4969	1.07 (0.821, 1.38)	0.6138	1.08 (0.814, 1.43)	0.584	0.967 (0.738, 1.07)	0.6562	0.938 (0.693, 1.05)	0.5055
il10	1.08 (0.905, 1.32)	0.4021	1.17 (0.971, 1.43)	0.1199	1.18 (0.964, 1.48)	0.1346	0.996 (NA, 1.01)	0.7181	1.03 (0.983, 1.08)	0.2318
il12p40	1.09 (0.912, 1.31)	0.3324	1.1 (0.929, 1.31)	0.2518	1.05 (0.877, 1.26)	0.5684	1.01 (0.961, 1.06)	0.5375	0.958 (0.753, 1.02)	0.5821
il12p70	0.986 (0.786, 1.23)	0.8993	1.03 (0.808, 1.3)	0.8047	1.03 (0.812, 1.31)	0.797	0.927 (0.566, 1.02)	0.6084	0.87 (0.547, 1.08)	0.4187

il13	1.12 (0.905, 1.4)	0.2854	1.1 (0.885, 1.36)	0.3898	1.03 (0.822, 1.28)	0.7994	0.837 (0.365, 1.01)	0.5621	0.835 (0.451, 0.979)	0.384
il15	1.07 (0.837, 1.4)	0.5877	1.19 (0.909, 1.62)	0.2244	1.23 (0.885, 1.77)	0.2427	0.998 (0.959, 1.02)	0.8793	0.997 (0.967, 1.01)	0.6949
il17	0.956 (0.776, 1.19)	0.6766	0.996 (0.81, 1.24)	0.9701	0.921 (0.739, 1.15)	0.4623	0.956 (0.657, 1.02)	0.6464	0.831 (0.408, 1)	0.4902
il1a	0.95 (0.765, 1.17)	0.6351	0.966 (0.785, 1.18)	0.7392	0.836 (0.677, 1.02)	0.08554	0.988 (0.857, 1.03)	0.7035	0.921 (0.724, 1)	0.3278
il1b	0.973 (0.805, 1.17)	0.7728	0.994 (0.822, 1.2)	0.9528	1.01 (0.839, 1.22)	0.9208	0.915 (0.599, 1.09)	0.4825	0.977 (0.765, 1.03)	0.6778
il1ra	1.07 (0.891, 1.29)	0.4832	1.15 (0.951, 1.4)	0.1593	1.01 (0.836, 1.23)	0.9013	0.997 (NA, 1.01)	0.7535	0.943 (0.799, 1.03)	0.3244
il2	0.981 (0.788, 1.22)	0.862	1.04 (0.838, 1.3)	0.7068	1.02 (0.822, 1.27)	0.8632	0.998 (NA, 1)	0.7421	0.998 (0.974, 1.01)	0.7971
il4	0.948 (0.792, 1.13)	0.5501	0.998 (0.831, 1.19)	0.9806	0.945 (0.78, 1.14)	0.5552	1.02 (0.945, 1.08)	0.5743	0.917 (0.657, 0.992)	0.4308
il5	1 (0.826, 1.24)	0.9788	1.01 (0.831, 1.25)	0.9274	1.03 (0.856, 1.28)	0.737	0.991 (NA, 1)	0.6915	1 (NA, 1)	0.8356
il6	0.946 (0.776, 1.16)	0.5896	0.971 (0.796, 1.2)	0.7793	1.02 (0.836, 1.27)	0.8236	0.995 (0.953, 1.01)	0.6706	0.992 (0.936, 1.01)	0.5997
il7	1.12 (0.844, 1.48)	0.4224	1.27 (0.96, 1.68)	0.09392	1.17 (0.875, 1.57)	0.2845	1.07 (0.885, 1.26)	0.4229	1.02 (0.9, 1.13)	0.6714
il8	0.525 (0.343, 0.77)	**0.0015**	0.661 (0.459, 0.936)	**0.0211**	0.575 (0.369, 0.867)	**0.0102**	0.996 (NA, 1.02)	0.788	0.992 (NA, 1.02)	0.7399
ip10	0.949 (0.747, 1.25)	0.6792	0.9 (0.71, 1.17)	0.3981	0.895 (0.714, 1.14)	0.3437	0.592 (0.236, 0.945)	0.2047	0.907 (0.619, 1.03)	0.5261
mcp1	0.851 (0.614, 1.22)	0.3381	0.949 (0.72, 1.31)	0.7255	0.908 (0.661, 1.31)	0.5664	0.981 (0.649, 1.28)	0.9004	1.1 (0.897, 1.35)	0.3062
mip1a	1.02 (0.779, 1.35)	0.8809	1.07 (0.833, 1.39)	0.6121	1.05 (0.777, 1.42)	0.7706	0.825 (0.314, 1.1)	0.6726	0.768 (0.357, 1.03)	0.3926
mip1b	0.855 (0.645, 1.12)	0.2608	0.873 (0.647, 1.17)	0.3636	0.855 (0.626, 1.17)	0.3211	0.969 (0.773, 1.05)	0.603	0.976 (0.764, 1.05)	0.6908
scd40l	1.01 (0.882, 1.16)	0.9396	1.01 (0.882, 1.17)	0.9104	0.979 (0.856, 1.13)	0.7689	0.895 (0.439, 1.37)	0.686	0.919 (0.551, 1.02)	0.6258
tgfa	1.12 (0.901, 1.4)	0.3296	1.16 (0.941, 1.45)	0.1738	1.16 (0.934, 1.47)	0.1854	0.891 (0.559, 1.05)	0.4846	0.949 (0.705, 1.15)	0.6563
tnfa	0.907 (0.633, 1.32)	0.599	1.04 (0.757, 1.46)	0.8345	0.971 (0.67, 1.43)	0.8783	0.965 (0.632, 1.21)	0.8027	0.935 (0.678, 1.1)	0.5358
vegf	1.01 (0.788, 1.3)	0.9678	0.993 (0.77, 1.29)	0.9599	0.966 (0.76, 1.24)	0.783	0.83 (0.425, 1)	0.3828	0.731 (0.356, 1)	0.2638
TGFbeta1	1.18 (0.797, 1.75)	0.4182	1.74 (1.19, 2.62)	**0.0059**	1.27 (0.829, 2.05)	0.3048	1.61 (1.13, 2.34)	**0.0089**	1.21 (0.8, 1.78)	0.3359