

Combined set Confirmation set Training set

Group	Female + Male					Female					Male				
	N	Age Mean	Age STD	Age Min	Age Max	N	Age Mean	Age STD	Age Min	Age Max	N	Age Mean	Age STD	Age Min	Age Max
Control	25	64.84	7.49	51	80	13	64.92	7.32	52	78	12	64.75	8.00	51	80
AD	25	67.84	10.22	53	85	13	66.62	11.84	53	85	12	69.17	8.45	56	83
FTD	25	63.04	7.24	46	76	12	62.25	7.81	46	72	13	63.77	6.92	54	76
PD	25	67.08	7.63	54	82	7	71.00	3.87	65	77	18	65.56	8.25	54	82
ALS	25	59.80	9.99	39	78	7	59.86	6.91	50	70	18	59.78	11.13	39	78
Control	25	65.08	11.81	25	83	13	59.30	11.81	25	70	12	71.33	8.37	57	83
AD	25	67.68	10.82	54	87	13	66.84	11.51	54	84	12	68.58	10.46	56	87
FTD	25	63.24	6.67	49	75	10	64.60	7.01	49	74	15	62.33	6.51	52	75
PD	25	66.44	7.96	49	81	8	66.12	6.05	57	77	17	66.58	8.89	49	81
ALS	25	59.48	11.71	29	83	7	59.57	13.24	40	83	18	59.44	11.48	29	74
Control	50	64.96	9.79	25	83	26	62.12	10.04	25	78	24	68.04	8.69	51	83
AD	50	67.76	10.42	53	87	26	66.73	11.44	53	85	24	68.88	9.30	56	87
FTD	50	63.14	6.89	46	76	22	63.32	7.38	46	74	28	63.00	6.62	52	76
PD	50	66.76	7.73	49	82	15	68.40	5.58	57	77	35	66.06	8.46	49	82
ALS	50	59.64	10.77	29	83	14	59.71	10.15	40	83	36	59.61	11.15	29	78

Additional file 1. Age and sex distribution in AD, FTD, PD, ALS groups and control