

Supplementary table 2: Linkage match rates for individuals living in households using anonymised linking fields (ALF) between Census (Cohort B) and WDS (Cohort A) by selected demographics

Variable	Category	Individuals linking to WDS	Individuals not linking to WDS	Total	Match rate
Total	Total	2,440,191	525,005	2,965,196	82.3
Sex	Female	1,273,929	247,896	1,521,825	83.7
	Male	1,166,262	277,109	1,443,371	80.8
Age group	0-9	260,983	46,146	307,129	85.0
	10-19	281,397	49,192	330,589	85.1
	20-29	260,985	88,203	349,188	74.7
	30-39	288,677	75,013	363,690	79.4
	40-49	290,188	57,492	347,680	83.5
	50-59	358,295	66,837	425,132	84.3
	60-69	310,086	59,050	369,136	84.0
	70-79	255,709	51,087	306,796	83.4
	80-89	111,748	25,790	137,538	81.3
	90+	22,123	6,195	28,318	78.1
Ethnicity	Asian, Asian British Or Asian Welsh	60,053	20,249	80,302	74.8
	Black, Black British, Black Welsh, Caribbean Or African	17,463	6,665	24,128	72.4
	Mixed Or Multiple Ethnic Groups	35,376	9,369	44,745	79.1
	Other Ethnic Group	18,213	5,645	23,858	76.3
	White	2,309,086	483,077	2,792,163	82.7
Sexual orientation	Missing	574,809	118,114	692,923	83.0
	Not Straight Or Heterosexual	54,585	17,638	72,223	75.6
	Straight Or Heterosexual	1,810,797	389,253	2,200,050	82.3
Residence type	Communal Establishment	18,375	22,297	40,672	45.2
	Household	2,421,816	502,708	2,924,524	82.8
Ownership type	Lives Here Rent Free	26,034	7,827	33,861	76.9
	Missing	18,375	22,297	40,672	45.2
	Owns Outright	810,728	147,717	958,445	84.6
	Owns With A Mortgage Or Loan	868,144	156,254	1,024,398	84.8
	Part Owns And Part Rents (Shared Ownership)	6,415	2,020	8,435	76.1

	Rents (With Or Without Housing Benefit)	710,495	188,890	899,385	79.0
Accommodation type	Detached	744,942	156,646	901,588	82.6
	Semi-detached	846,843	148,604	995,447	85.1
	Terraced	666,269	123,913	790,182	84.3
	Purpose built flats	122,314	47,362	169,676	72.1
	Other	41,448	26,183	67,631	61.3
	Missing	18,375	22,297	40,672	45.2
Household deprivation: number of dimensions deprived	None	1,172,533	244,465	1,416,998	82.8
	One	785,877	161,013	946,890	83.0
	Two	362,694	74,442	437,136	83.0
	Three	96,037	21,421	117,458	81.8
	Four	4,675	1,367	6,042	77.4
	Missing	18,375	22,297	40,672	45.2