Appendix 1 to Ancelin ML, Norton J, Ritchie K, et al. 11β-Hydroxylase (CYP11B1) gene variants and new-onset depression in later life. *J Psychiatry Neurosci* 2020.

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Table S1: Logistic regression analysis for the association between *CYP11B1* polymorphisms and prevalent depression in men

	Risk of recurrent depression in later life (N=57)					Risk of late-onset depression (N=348)			
SNP and genotype	**Non-DEP %**	**DEP* %**	**OR [95% CI]†**	**p**		**Non-DEP %**	**DEP* %**	**OR [95% CI]†**	**p**
rs11783855, n	*37*	*17*				*294*	*44*		
GG	27.03	23.53	-	-		28.57	29.55	-	-
GT	43.24	52.94	1.39 [0.33;5.86]	0.65		44.22	61.36	1.36 [0.66;2.80]	0.40
TT	29.73	23.53	0.89 [0.17;4.75]	0.90		27.21	9.09	0.31 [0.10;0.99]	0.05
rs1134096, n	*37*	*18*				*295*	*45*		
TT	29.73	16.67	-	-		29.15	26.67	-	-
GT	54.05	66.67	2.18 [0.48;9.88]	0.31		51.86	62.22	1.35 [0.65;2.81]	0.42
GG	16.22	16.67	1.80 [0.25;13.0]	0.56		18.98	11.11	0.68 [0.23;2.06]	0.50
rs7011830, n	*35*	*18*				*281*	*44*		
CC	28.57	22.22	-	-		31.32	25.00	-	-
AC	54.29	61.11	1.46 [0.35;6.09]	0.60		50.89	65.91	1.66 [0.79;3.51]	0.18
AA	17.14	16.67	1.27 [0.19;8.47]	0.80		17.79	9.09	0.67 [0.20;2.22]	0.51
rs6471580, n	37	19				*292*	*48*		
AA	32.43	15.79	-	-		26.37	20.83	-	-
AG	37.84	63.16	3.63 [0.81;16.3]	0.09		51.03	64.58	1.56 [0.72;3.36]	0.26
GG	29.73	21.05	1.63 [0.28;9.68]	0.59		22.60	14.58	0.79 [0.28;2.21]	0.66
rs7016924, n	*38*	*19*				*297*	*49*		
GG	34.21	26.32	-	-		26.60	24.49	-	-
AG	36.84	52.63	1.87 [0.50;7.02]	0.35		51.52	57.14	1.19 [0.57;2.47]	0.65
AA	28.95	21.05	0.97 [0.19;4.86]	0.97		21.89	18.37	0.87 [0.34;2.21]	0.77

CES-D = Center for Epidemiologic Studies-Depression; CI = confidence interval; OR = odds ratio.

*Corresponds to current major depression or a CES-D score ≥16.
†Adjusted for age (continuous).

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Table S2: Multi-adjusted logistic regression analysis for the association between CYP11B1 polymorphisms and depression in women without a past major depression (N=411)

SNP and genotype	**Non-DEP %**	**DEP* %**	**OR [95% CI]†**	**p**
rs11783855, n	*291*	*111*		
GG	28.18	27.93	-	-
GT	46.39	43.24	0.96 [0.56;1.64]	0.87
TT	25.43	28.83	1.09 [0.60;1.97]	0.78
rs1134096, n	*291*	*109*		
TT	32.65	36.70	-	-
GT	52.92	40.37	0.68 [0.41;1.13]	0.13
GG	14.43	22.94	1.43 [0.76;2.68]	0.27
rs7011830, n	*281*	*108*		
CC	32.38	39.81	-	-
AC	54.09	38.89	0.58 [0.35;0.97]	0.04
AA	13.52	21.30	1.32 [0.69;2.52]	0.40
rs6471580, n	*287*	*112*		
AA	20.56	30.36	-	-
AG	55.75	39.29	0.45 [0.26;0.78]	0.004
GG	23.69	30.36	0.79 [0.43;1.45]	0.44
rs7016924, n	*292*	*114*		
GG	23.63	31.58	-	-
AG	55.14	40.35	0.51 [0.30;0.86]	0.01
AA	21.23	28.07	0.87 [0.48;1.61]	0.67

BMI = body mass index; CES-D = Center for Epidemiologic Studies-Depression; CI = confidence interval; MMSE = Mini-Mental State Examination; OR = odds ratio.
*Corresponds to current major depression or a CES-D score ≥16 or currently using antidepressant or treated with antidepressants (combined prevalence 33.4%). †Adjusted for age, ischemic pathologies, BMI, hypertension, cognitive impairment (MMSE

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Figure S1: Linkage disequilibrium structure of the steroid 11β-hydroxylase (*CYP11B1*) gene region