

**Supplementary table 1. Comparison of clinical and demographic characteristics between patients in the study cohort (cohort 1) and the validation cohort (cohort 2).**

F: female; VA: villous atrophy; CD: coeliac disease; GFD: gluten-free diet; IQR: interquartile range; SD: standard deviation

\*  $p < 0.05$  for statistical significance

† Includes both patients with true seronegative coeliac disease and patients with coeliac disease associated with total IgA deficiency

	<b>Study cohort (n=694)</b>	<b>Validation cohort (n=144)</b>	<b>p-value*</b>
<b>Age at diagnosis (years, mean<math>\pm</math>SD)</b>	44 $\pm$ 16	40 $\pm$ 14	<0.01
<b>Gender, F</b>	491 (70.7%)	113 (78.5%)	0.07
<b>Classical pattern of CD</b>	351 (50.6%)	45 (31.3%)	<0.01
<b>Clinical response to GFD</b>	457 (65.9%)	113 (78.5%)	<0.01
<b>Good GFD adherence</b>	580 (83.6%)	124 (86.1%)	0.53
<b>Seronegative CD†</b>	74 (10.7%)	13 (9.0%)	0.65
<b>Persistent VA at follow-up duodenal biopsy</b>	157 (22.6%)	26 (18.1%)	0.27
<b>Months on a GFD at follow-up duodenal biopsy (median, IQR)</b>	32 (15-61)	40 (27-77)	<0.01