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Artem Dudko and **Kostya Medynets*** (medynets@usna.edu), 572C Holloway Road, Annapolis, MD 21402. *Invariant Random Subgroups of Full Groups.*

We classify the ergodic invariant random subgroups of block-diagonal limits of symmetric groups in the cases when the groups are simple and the associated dimension groups have finite dimensional state spaces. These block-diagonal limits arise as the transformation groups (full groups) of Bratteli diagrams that preserve the cofinality of infinite paths in the diagram. Given a simple full group G admitting only a finite number of ergodic measures on the path-space X of the associated Bratteli digram, we prove that every non-Dirac ergodic invariant random subgroup of G arises as the stabilizer distribution of the diagonal action on X^n for some $n \geq 1$. As a corollary, we establish that every group character χ of G has the form $\chi(g) = \text{Prob}(g \in K)$, where K is a conjugation-invariant random subgroup of G . (Received September 15, 2019)